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Interlaboratory Validation of the Leaching Environmental Assessment Framework (LEAF) Method 1314 and Method 1315

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ABSTRACT

This document summarizes the results of an interlaboratory study conducted to generate precision estimates for two leaching methods, part of the Leaching Environmental Assessment Framework (LEAF) and under review by the U.S. Environmental Protection Agency (EPA) Office of Solid Waste and Emergency Response for potential inclusion into the EPA's *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods* (SW-846):

- *Method 1314: Liquid-Solid Partitioning as a Function of Liquid-solid Ratio using an Up-flow Percolation Column Procedure*, and
- *Method 1315: Mass Transfer Rates in Monolithic and Compacted Granular Materials using a Semi-dynamic Tank Leaching Procedure.*

For each of the test methods, method repeatability and reproducibility were based on results for study materials selected to represent materials likely to be tested by these methods. A minimum of seven laboratories participated in the interlaboratory validation study for each material. Method precision was evaluated using repeatability relative standard deviation (RSD_r) and reproducibility relative standard deviation (RSD_R).

The results of the validation study showed that Method 1314 cumulative release values are expected to fall within 6% RSD_r for single operator replicates and within 16% RSD_R for multiple laboratory results. Method 1314 precision for eluate concentrations was approximately twice of the precision for cumulative release. The validation study for Method 1315 indicated that the mean interval flux values for single operator replicates are expected within a variance of 12% RSD_r while multi-laboratory results would be expected within 30% RSD_R. For Method 1315 cumulative release, precision estimates indicated that results were within 8% for repeatability and within 21% reproducibility of the measured mean values. For both Method 1314 and Method 1315, the distribution of reproducibility estimates for individual analytes was considerably better than the reproducibility distribution reported for batch extraction test, the Toxicity Characteristic Leaching Procedure (TCLP; SW-846 Method 1311).

In parallel, study materials were tested using analogous European leaching methods or technical specifications (TSs) in the process of standardization through the Comité Européen de Normalisation (CEN). Comparison of results for the analogous European methods showed that CEN/TS 14415 column test compares favorably to Method 1314. The Dutch monolith leaching test, NEN 7375, was shown to agree to a large extent with Method 1315; while CEN/TS 15863 monolithic leaching results indicated minor differences in the cumulative release of antimony, selenium and vanadium. Overall, the precision estimates and favorable comparison to analogous EU leaching methods provide confidence that Method 1314 and Method 1315 provide data describing the characteristic leaching behavior that is intended by the LEAF methods with a high degree of precision.

EXECUTIVE SUMMARY

The potential impact to the environment from disposal or other forms of land placement for a solid material has traditionally been determined from the results of one or more leaching tests. Currently, the Toxicity Characteristic Leaching Procedure (TCLP; EPA, 1992a) is the leaching test promulgated by the United States Environmental Protection Agency (EPA) for classification of wastes and for identification of materials considered "hazardous" to the environment under the Resource Conservation and Recovery Act (RCRA). TCLP simulates leaching under a plausible worst-case mismanagement scenario of co-disposal of the test material with municipal solid waste. While a worst-case simulation test has merits for classification purposes, simulation-based leaching approaches inherently limit the usefulness of the test results to specific scenarios, waste materials, and disposal or use applications. A more flexible and robust leaching assessment methodology could provide EPA and the waste management community with a uniform basis for leaching characterization that is more broadly applicable to a wide range of waste types and release scenarios. To this end, the EPA Office of Solid Waste and Emergency Response (OSWER) has initiated further maturation of the leaching test methods contained within the Leaching Environmental Assessment Framework (LEAF) based on a tier-testing approach (Kosson et al., 2002). The LEAF methods are under consideration by OSWER for potential inclusion in EPA's compendium of laboratory methods, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, also known as SW-846.

Instead of simulating a particular release scenario, the LEAF methods challenge a solid material to a broad range of leaching conditions that may plausibly occur during the course of waste management and focus on a select set of key parameters considered to largely control the liquid-solid partitioning (LSP) and the mass transport of constituents from most solid materials. The LEAF approach (i.e., test methods, data management tools and leaching assessment methodologies) has been developed as a collaborative effort between Vanderbilt University (VU), the Energy Research Centre of the Netherlands (ECN) and DHI Denmark (DHI) with additional support and guidance from ARCADIS-US, Inc. (ARCADIS) and EPA Office of Research and Development (ORD) and the EPA Office of Solid Waste and Emergency Response (OSWER). LEAF provides considerable flexibility for environmental assessment in that no specific leaching scenario is imposed. The LEAF methods rather focus on intrinsic leaching characteristics and a range of conditions that affect leaching and vary in the disposal environment. Therefore, the results of LEAF testing may be applied to specific release conditions or used to compare multiple scenarios representing a range of plausible management options.

As part of the review for SW-846, documentation is required regarding the precision (i.e., repeatability and reproducibility) of the methods for various types of potential waste materials. These precision data are intended to provide perspective on the variation in test method results that may be anticipated (i) when a single laboratory performs replicate testing of the method on the same homogeneous material sample (i.e., repeatability), or (ii) when multiple laboratories perform the method on replicate samples of a single material (i.e., reproducibility). In addition, the precision data support the development of guidance on the use of the method and can be used to establish criteria for acceptable laboratory performance when using the method.

This report summarizes the results of an interlaboratory method validation study for two of the four LEAF leaching methods:[1]

- *Method 1314: Liquid-Solid Partitioning as a Function of Liquid-solid Ratio using an Up-flow Percolation Column Procedure*, and
- *Method 1315: Mass Transfer Rates in Monolithic and Compacted Granular Materials using a Semi-dynamic Tank Leaching Procedure*.

The objectives of the interlaboratory validation study were to determine the method precision, i.e., repeatability and reproducibility, for each of the two evaluated LEAF methods and to compare these precision statistics to the results of analogous leaching tests under development for adoption within the European Union (EU).

Method 1314 is a percolation column test designed to evaluate the release of constituents from solid materials as a function of cumulative liquid-to-solid ratio (L/S). During Method 1314, fractions of a continuous elution of water through a packed bed of granular material are collected at nine specified L/S values. The concentrations of constituents in the collected eluates[2] are used to derive the cumulative mass release from the column. Both eluate concentration and cumulative release are reported as a function of L/S and may be used as test outputs for assessment purposes. Method 1315 is a semi-dynamic tank leaching procedure used to determine the rate of mass transport from monolithic materials (e.g., concrete materials, bricks, tiles) and compacted granular materials (e.g., soils, sediments, fly ash) as a function of time. Test samples are leached in a series of nine deionized water tanks for specified interval durations. Although the direct method result is eluate concentrations, the test outputs for Method 1315 include the mean interval flux during each test interval and the cumulative mass released through the end of a leaching interval as derived from the eluate concentration and other test information.

The structure of the validation study followed the validation approaches recommended by EPA's *Guidance for Methods Development and Methods Validation for the RCRA Program* (EPA, 1992b) and ASTM International's E691 *Standard Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method* (ASTM, 1987). ARCADIS provided project management for the validation study and distributed study materials and equipment kits to the participating laboratories. VU served as the validation reference laboratory due to considerable experience with the development of the LEAF methods. The minimum guidelines for the validation study were to provide for testing of two study materials by at least six participating laboratories. Recognizing that participating laboratories would donate time and support for the project and a certain level of attrition would be anticipated, additional laboratories were targeted to provide for a minimum of six laboratories completing any phase of the validation study. Each laboratory was asked to provide filtered and preserved analytical samples to VU and to complete a laboratory data template provided to the laboratory prior to testing. Chemical analysis of all analytical samples was conducted at VU using inductively coupled plasma-optical emission spectrometry (ICP-OES) following EPA Method 6010 (EPA, 2007b). Analysis at a single facility was

[1] Although the LEAF methods are numbered in a manner consistent with SW-846, these methods are currently considered Preliminary Versions of EPA Methods that have not yet been endorsed by EPA pending method validation and final review.

[2] This report follows the LEAF terminology where "eluate" is used to refer to the solution resulting from a leaching test and "leachate" is used to refer to the solution collected from or measured in the field. The distinction is made within LEAF to minimize confusion when comparing laboratory leaching test data to field leaching data.

considered to minimize variation in test results due to different analytical techniques and operators. The study design as well as all material handling approaches and analytical procedures with data quality indicator (DQI) goals were written into a Quality Assurance Project Plan (QAPP) that was signed and approved by quality assurance representatives of ARCADIS and the EPA.

For each method (Method 1314 and Method 1315), two study materials were chosen for the validation to represent a selection of EPA-relevant material types. For Method 1314, these materials included contaminated soil from a smelter facility (material code CFS) and spent casting sand from a brass foundry (material code JaFS). For Method 1315, study materials included monolithic samples of solidified waste analog (material code SWA) and the compacted granular samples of the aforementioned CFS material. Prior to distribution to the participating laboratories, these materials were prepared and homogenized at either ARCADIS (CFS and JaFS) or VU (SWA). The total contents of major, minor, and trace constituents in each of study materials were determined by ARCADIS and VU using X-ray fluorescence spectrometry (XRFS) and acid digestion following EPA Methods 3052 (EPA, 1996) and 3051 (EPA, 2007a) combined with ICP-OES analysis of digested solutions. XRFS results for a minimum of three subsamples of study material were used to assess homogeneity of the samples prior to distribution. The precision of the XRFS results for total content analysis were sufficient to conclude that all study materials were considered sufficiently homogeneous prior to distribution to the participating laboratories.

Participating laboratories were asked to prepare analytical samples (e.g., filtered and preserved eluate solutions) for each test method using the two study materials. Analytical samples were shipped by the participating laboratories to VU for chemical analysis. Method 1314 validation was conducted with seven participating laboratories due to the project costs associated with providing columns and pumps as part of the validation equipment kits. All seven laboratories provided analytical samples for both Method 1314 study materials. For the validation of Method 1315, ten laboratories were asked to participate for each testing of two study materials. All ten laboratories returned analytical samples for the SWA material; however, due to financial and time commitments, only eight laboratories were able to provide samples for the second material. As part of participation, laboratories were asked to record all laboratory data (e.g., masses, collection times, etc.) in method data templates in the form of Microsoft Excel spreadsheets provided to the laboratories. Filtered and preserved eluate solutions from leaching tests carried out at participating laboratories were shipped to VU for chemical analysis. Data management and analysis of this large data set was conducted using LeachXS™, a software program developed by VU, ECN and DHI specifically for data management, visualization, and modeling of leaching data.

Preserved analytical samples generated by the participating laboratories were shipped to VU where eluate concentrations were determined by ICP-OES following standard quality assurance/quality control procedures as specified in the QAPP, including calibration checks, blanks and analytical spikes. Using the eluate concentrations determined from ICP-OES analysis of the reference laboratory samples, ten inorganic analytes from each material were selected for processing to generate statistical parameters and precision measurements. The list of selected constituents differed based on the leaching behavior of each material, but included eight analytes common to study materials for each method. The common analytes for the Method 1314 included aluminum, barium, boron, calcium, copper, molybdenum, lead, thallium and zinc, while common analytes for the Method 1315 validation included aluminum, antimony, barium, boron, calcium, lead, potassium, selenium and vanadium. In all, the DQI values achieved in eluate solution analysis were considerably better than the DQI goals established in the QAPP and provided confidence that the measured eluate concentrations were valid within an analytical uncertainty of about

5%. Method blanks (i.e., extract solutions without solid material that follow through the leaching test procedure) were checked for potential sources of contamination during testing. For nearly all of the selected analytes, method blank concentrations were below the minimum level of quantitation (ML) for ICP-OES established by VU following guidance established by the EPA Office of Water (EPA, 2003).[3] For those method blanks with concentrations above the ML, method blank concentrations were less than 20% of the eluate concentration in the associated test fraction and were not considered to affect measured eluate concentration values.

For each method, test outputs (i.e., eluate concentration and cumulative mass release for Method 1314 or mean interval flux and cumulative mass release for Method 1315) were $\log_{10}$-transformed and linearly interpolated/extrapolated to specified L/S or time values to yield a set of data used for statistical analysis. Statistical analysis included generation of (i) means and standard deviations at each target L/S or time value as specified in the methods, (ii) 95% prediction limits (PLs) about the mean of the reference laboratory data, (iii) 95% robust confidence limits (RCLs) about the median of the laboratory means, and (iv) estimates of repeatability and reproducibility expressed as the repeatability relative standard deviation (RSD_r) and reproducibility relative standard deviation (RSD_R). Prediction limits and robust confidence intervals, respectively, showed the ranges of leaching concentrations that would capture 95% of the data for the reference laboratory performing replicate tests and for additional laboratories testing the same material.

The mean Method 1314 repeatability values were determined to be 12% RSD_r and 6% RSD_r for eluate concentration and cumulative mass release, respectively. These results indicate that a single operator should be able to obtain replicate concentration results within 12% (i.e., the measure value ± 12%) and replicate cumulative mass release results within 6%. The mean reproducibility of Method 1314 was 24% RSD_R for eluate concentration and 16% RSD_R for cumulative mass release, meaning that the results of Method 1314 testing on the same material at different laboratories would be expected to be within 24% for eluate concentration and 26% RSD_R for cumulative mass release. While these precision values appear to be very good, no criteria are provided in EPA or ASTM guidance for acceptable precision of a test method. Therefore, the distributions of Method 1314 precision values for ten selected analytes in each of two study materials were placed into the context of reported precision for accepted standard methods, the German column test, DIN 15928 (DIN, 2009), the current EPA regulatory leaching test, TCLP (EPA, 1992a). The distributions of RSD_r and RSD_R values for Method 1314 were shown to be consistent with those of DIN 15928 and considerably better than the distribution of reproducibility reported for TCLP.

For Method 1315, the mean repeatability was determined to be 12% RSD_r for mean interval flux and 8% RSD_r for cumulative release, indicating that single operator replicate results would be expected to fall 12% and 8% for interval flux and cumulative release, respectively. The reproducibility of Method 1315 was determined to be 30% RSD_R for mean interval flux and 21% RSD_R for cumulative release. These

[3] The analytical data quality indicators for this report are based on the guidelines established by the EPA Office of Water and include establishing a method detection limit (MDL) and minimum level of quantitation (ML) based on standard deviation of seven non-consecutive analyses of a low-concentration standard analytical solution. However, the EPA Office of Resource Conservation and Recovery (ORCR) has recommended that practitioners establish a lower limit of quantitation (LLOQ) for analytes of concern as a demonstration of quantitation capability at low analyte concentration levels. The LLOQ demonstration is a performance-based validation of recovery from a spiked analytical solution typically at concentration levels approximating the lowest calibration standard.

results suggest that Method 1315 testing of the same material conducted at different laboratories would result in mean interval flux results within 30% and cumulative release results within 21%. When cumulative release precision was evaluated after 14 days of leaching, precision values compared favorably to the reported precision for 16-day release from NEN 7345, a Dutch standard monolithic leaching test. The distribution of precision values was consistent with the precision for NEN 7345 found in a European Commission validation study (van der Sloot et al., 1995). For both Method 1314 and Method 1315, the distributions of reproducibility for individual analytes were considerably better than the reproducibility distribution reported for TCLP used in regulatory determinations for identifying if a waste is classified as hazardous (EPA, 1992a). Therefore, Method 1314 and Method 1315 can be performed with the same precision as or better precision than other currently active standardized leaching procedures.

In parallel to participating in the LEAF validation, the Energy Centre of the Netherlands (ECN) used the study material to conduct a column test and two mass transfer tests commonly used in Europe. These tests represent leaching approaches analogous to the LEAF methods that are currently adopted or under development within the EU as Dutch national standards (NEN labeled tests) or technical specifications (TSs) developed by the Comité Européen de Normalisation (CEN).[4] The cumulative mass release results of the CEN/TS 14405 (CEN, 2004) column test compared favorably to the reproducibility limit interval about the mean of the Method 1314 validation data indicating little to no difference in the output of these tests. For the mass transfer tests, the cumulative mass release from NEN 7375 (NEN, 2004) and CEN/TS 15863 (CEN, 2009) were found to be consistent with the Method 1315 validation results for most analytes. Minor differences in CEN/TS 15863 results were observed for antimony, selenium and vanadium. Overall, the precision estimates and favorable comparisons to analogous EU leaching methods provide confidence that Method 1314 and Method 1315 provide data describing the characteristic leaching behavior that is intended by the LEAF leaching methods with a high degree of precision.

[4] The "TS" designation within CEN denotes a method that has resulted from a multi-national consensus process and has been approved by a CEN technical committee, but has not yet completed interlaboratory validation studies. Once method precision has been established, the method will require public comment and consensus approval by CEN member to be designated as a full European standard (EN). Although the TS designation does not carry the status of an EN, TS methods may be adopted as national standards and written into regulation.

ABBREVIATIONS

ANOVA	Analysis of Variance
CEN	Comité Européen de Normalisation (European Committee for Standardization)
CFS	contaminated field soil (material code for validation study material)
CV(s)	coefficient(s) of variation [%]
df	degrees of freedom
DHI	DHI, Hørsholm, Denmark
DIC	dissolved inorganic carbon
DIN	Deutsches Institut für Normung (German Institute for Standardization)
DOC	dissolved organic carbon
DQI(s)	data quality indicator(s)
ECN	Energy Research Centre of the Netherlands, Petten, the Netherlands
EN	European standard test method
EPA	United States Environmental Protection Agency
EU	European Union
HDPE	high-density polyethylene
IC	ion chromatography
ICP-MS	inductively coupled plasma-mass spectrometry
ICP-OES	inductively coupled plasma-optical emission spectroscopy
IQR	interquartile range
ISO	International Organization for Standardization
JaFS	brass foundry sand (material code for validation study material)
LEAF	Leaching Environmental Assessment Framework
L/S	cumulative liquid-to-solid ratio [L/kg, dry basis]
L/S_i	liquid-to-solid ratio through end of interval or test fraction *i* [mL/g, dry basis]
LSP	liquid-solid partitioning
M	median of laboratory means
MAD	median absolute deviation
MDL	method detection limit
ML	minimum level of quantitation
NEN	Netherlands standard test method
ORD	Office of Research and Development (EPA)
ORP	oxidation-reduction potential [mV]
OSWER	Office of Solid Waste and Emergency Response (EPA)
ORCR	Office of Resource Conservation and Recovery (EPA)
PL(s)	prediction limit(s)
QAPP	quality assurance project plan
QA/QC	quality assurance/quality control
R	reproducibility limit
RCL(s)	robust confidence limit(s)
RCRA	Resource Conservation and Recovery Act
RL	reproducibility limit interval above or below the mean
RSD(s)	relative standard deviation(s)
RSD_r	repeatability relative standard deviation [%]
RSD_R	reproducibility relative standard deviation [%]
s_L	standard deviation associated with between laboratory variance
s_r	standard deviation associated with repeatability
s_R	standard deviation associated with reproducibility

SWA	solidified waste analog (material code for validation study material)
SW-846	EPA's compendium, "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods"
τ	cumulative leaching time [sec]
τ_i	cumulative leaching time through end of interval or test fraction *i* [sec]
t	Student's *t* value required for the level of confidence and the appropriate number of degrees of freedom
TC	toxicity characteristic (as defined under RCRA)
TCLP	toxicity characteristic leaching procedure
TS(s)	technical specification(s)
VU	Vanderbilt University
XRFS	X-ray fluorescence spectrometry

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[5] Appendix I contains all of the details of the ICP-OES analysis and QA/QC results for each measured constituent in each provided analytical solution (i.e., filtered and preserved eluate sample). Therefore, due to its size, the appendix is made available electronically by request to the authors, through the link to the document page on the EPA website, or as a download at http://vanderbilt.edu/leaching.

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INTRODUCTION

Leaching tests have traditionally been used to estimate the leaching potential of waste or other materials for situations where the material is placed in a landfill or used on the land. The goal in conducting leach testing has been to assess the potential for contaminant release and the likelihood of groundwater contamination resulting from land application of wastes or other materials. Over 50 different leaching tests have been identified in the literature (van der Sloot et al., 1997) with many individual testing approaches developed specifically for the evaluation of a particular material or management application. For example, the current regulatory leaching test, the Toxicity Characteristic Leaching Procedure or TCLP (EPA, 1992a), is a single-batch extraction method that simulates leaching from a plausible worst-case "mismanagement" scenario of co-disposal of potentially hazardous waste with municipal solid waste. Rather than establishing individual tests for each application, a more robust and flexible approach would allow for broad-based use of a limited set of leaching tests, designed to determine intrinsic leaching characteristics of wastes and other solid materials, that provide leaching results comparable between material types and applicable to a wide range of leaching conditions and release scenarios.

The Leaching Environmental Assessment Framework (LEAF) is a set of leaching test methods, scenario-based leaching assessment mass transfer models, and information management tools designed to provide more accurate estimates of constituent leaching under field conditions than provided by current approaches based on single-extraction tests. The LEAF approach was developed collaboratively between Vanderbilt University (VU), United States Environmental Protection Agency (EPA) Office of Solid Waste and Emergency Response (OSWER), EPA Office of Research and Development (ORD), Energy Research Centre of the Netherlands (ECN) and DHI Denmark (DHI). The LEAF methodology for leaching assessment is based on a tiered approach of testing (Kosson et al., 2002) that accounts for the impact of environmental conditions on leaching.

Unlike TCLP and other currently utilized leaching tests that are designed to simulate leaching for particular environments, the LEAF leaching methods are intended to characterize material-specific leaching behavior over a broad range of test conditions that encompassing the range of plausible waste management conditions and measure intrinsic leaching properties (e.g., liquid-solid partitioning or constituent release rate). Key parameters that are identified in LEAF to affect leaching include pH, the liquid-to-solid ratio (L/S) or the volume of water in contact with a unit mass of solid material, and the physical form of the solid material (e.g., monolithic or granular material). The leaching test data can be integrated to define the characteristic leaching behavior that can be applied to estimate the potential for constituent release under anticipated field conditions for a range of management scenarios.

Currently, the LEAF test methods are under review by the EPA OSWER for inclusion into the EPA's "*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*" (SW-846), the compendium of laboratory methods published to support the Resource Conservation and Recovery Act (RCRA) program. A final stage in the review process is the documentation of method precision obtained through interlaboratory validation to ensure that method performance can be achieved by laboratories outside of the laboratory that developed the method. In the context of method standardization, precision is a measure of the variability among test results conducted on the same material or type of material (ASTM, 2002) and is commonly conveyed in terms of method repeatability and method reproducibility. Method repeatability refers to the closeness of agreement between independent results obtained with the same

method on identical test materials, under the same conditions (Currie and Svehla, 1994). Repeatability is a measure of the expectations of the method to provide similar results for replicate tests conducted by the same laboratory and is expressed in terms of percentage as the repeatability relative standard deviation (RSD_r). Method reproducibility refers to the closeness of agreement between independent results obtained with the same method on identical test material but under different conditions (Currie and Svehla, 1994). Reproducibility provides an estimate of the variability that might be expected when different laboratories measure the same property of the same material and is typically expressed in terms of a percentage as the reproducibility standard deviation (RSD_R).

This document reports on the method validation study, data processing and method precision estimates for the following two LEAF leaching methods:[1]

- *Method 1314: Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio using an Up-Flow Percolation Column Procedure*
- *Method 1315: Mass Transfer Rates from Monolithic and Compacted Granular Material using a Semi-dynamic Tank Leaching Procedure*

The intent of this interlaboratory study is to provide the method precision statistics for Method 1314 and Method 1315 that may be used to support the establishment of initial performance guidelines and the development of guidance on the use of these methods. The structure of the study was based on the approach suggested by the EPA's *Guidance for Methods Development and Methods Validation for the RCRA Program* (EPA, 1992b) and ASTM International (ASTM) E691 *Standard Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method* (ASTM, 1987). Since no pre-established precision criteria for acceptability of a method exist within the guidance documents, this report makes no conclusions regarding the acceptability of the LEAF methods based solely on precision. Perspective on a reasonable level of precision, however, is discussed with regard to the precision estimates reported for currently accepted leaching procedures. For example, interlaboratory studies to provide precision estimates for the currently promulgated leaching method, TCLP, resulted in a mean method reproducibility of 74% with a range of RSD_R between 17 and 118% (EPA, 1992a).

Since the LEAF methods have been developed to determine characteristic or intrinsic leaching behavior of a solid material, test results for any single material should be comparable between analogous test methods designed with the same intent. The LEAF methods have been developed in coordination and in parallel with European leaching methods currently adopted or under development within the European Union (EU), including Dutch national standards (NEN-labeled tests) and technical specifications (TSs) developed by the Comité Européen de Normalisation (CEN).[2] In parallel with this validation study, ECN conducted L/S-dependence testing of Method 1314 study materials using the CEN/TS 14405 method and the time-dependent mass transport leaching of Method 1315 study materials using CEN/TS 15863 and

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[1] Although the LEAF methods are numbered in a manner consistent with SW-846, these methods are currently considered Preliminary Versions of EPA Methods that have not yet been endorsed by EPA pending method validation and final review.

[2] The "TS" designation within CEN denotes a method that has resulted from a multi-national consensus process and has been approved by a CEN technical committee, but has not yet completed interlaboratory validation studies. Once method precision has been established, the method will require public comment and consensus approval by CEN members to be designated as a full European standard (EN). Although the TS designation does not carry the status of an EN, TS methods may be adopted as national standards and written into regulation.

NEN 7375. Favorable comparison of LEAF method results to the results derived from analogous EU leaching tests support that these methods adequately accomplish the goal of providing extraction eluates consistent with their intended use.[3]

STUDY OBJECTIVES

The objectives of the method validation study were (i) to determine the method precision, i.e., repeatability and reproducibility, for LEAF Method 1314 and Method 1315 through statistical analysis of method outputs derived from multi-laboratory testing for a selection of potential waste materials and constituents, and (ii) to compare the results of analogous leaching methods under development or adopted within the EU to the precision statistics generated for LEAF leaching methods.

METHOD DESCRIPTIONS

The method precision estimates for two LEAF leaching tests – Method 1314 and Method 1315 – are documented as a result of this interlaboratory study. Brief overviews of these methods are included below while the full text of Method 1314 and Method 1315 may be found in Appendix A and Appendix B, respectively. In addition, the basis for selection of test parameters and specific values used in these leaching methods has been described in a background information document on the LEAF leaching methods (Garrabrants et al., 2010).

Method 1314: Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio using an Up-Flow Percolation Column Procedure

Method 1314 is an up-flow percolation column procedure used to evaluate the release of constituents from solid materials as a function of cumulative liquid-to-solid ratio (L/S).[4] Relative to field conditions, L/S can be a useful surrogate measure for time when infiltration rates are considered. In the context of the column test, L/S is defined as the volume of liquid passing through the column relative to the dry equivalent mass of test material in the column bed and is expressed in units of mL/g-dry. Approximately 300-600 grams of "as is" or air-dried solid material (moisture content less than ca. 20% dry basis) is packed under moderate compactive effort into a 5-cm diameter x 30-cm long column. The test material is packed in five "lifts" with each lift hand tamped using a 1-cm diameter rod. Layers of clean silica sand are used at the top and bottom of the column to provide flow regulation on the inlet side and coarse filtration at the outlet. Leaching solution (eluent) is pumped upward through the material and eluate is collected as nine discrete volume fractions of the continuous elution volume. The up-flow percolation mode is intended to minimize air entrapment and flow channeling. The pump flow rate is adjusted to provide a volume of eluent equivalent to 0.75 ± 0.25 L/S per day. For primarily inorganic materials,

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[3] This report uses the LEAF terminology where "eluate" refers to the solution resulting from a leaching test whereas "leachate" refers to the solution collected from or measured in the field. The distinction between terms is made to minimize confusion when comparing laboratory leaching test data to field leaching data.

[4] For the purposes of this report, cumulative liquid-to-solid ratio will be denoted as L/S whereas the liquid-to-solid ratio for individual leaching intervals or test fractions will be denoted as L/S_i where the value *i* represents the endpoint L/S. For example, $L/S_{0.2}$ refers to first fraction of Method 1314 starting at L/S=0 mL/g-dry and ending at an L/S=0.2 mL/g-dry while L/S_{10} refers to the last fraction of the test starting at L/S=9.5 mL/g-dry ending at L/S=10 mL/g-dry.

deionized water is used as the eluent for testing; however, a 1 mM solution of $CaCl_2$ may be used when testing certain materials (e.g., organic soils, clayey materials) where deflocculation of clay layers or dissolution of organic carbon may be a concern. The collection bottle is placed at a height of 6 to 12 inches above the column to provide sufficient hydraulic head to ensure flow while avoiding siphoning as well as to minimize backpressure which can cause leaks in the system. The nine eluate fractions are collected at specified L/S values of 0.2, 0.5, 1.0, 1.5, 2.0, 4.5, 5.0, 9.5, and 10 mL/g-dry. Analytical sample compositing is allowed depending on the intended use of the test results. The eluate pH, conductivity and (optionally) oxidation-reduction potential (ORP) are recorded for each fraction prior to filtration through a 0.45-µm membrane and preservation of an analytical sample. After chemical analysis of analytical samples, cumulative release from the column at the specified L/S values is calculated from eluate concentrations and interval liquid-solid ratios (L/S_i). The outputs of Method 1314 include the graphs of eluate concentration and cumulative release plotted as a function of L/S which are intended to illustrate changes in leaching that develop as percolation progresses and L/S increases.

Method 1315: Mass Transfer Rates in Monolithic and Compacted Granular Materials using a Semi-dynamic Tank Leaching Procedure

Method 1315 is a semi-dynamic tank leaching procedure used to determine the rate of mass transport from either monolithic materials (e.g., concrete materials, bricks, tiles) or compacted granular materials (e.g., soils, sediments, fly ash) as a function of time. Monolithic test specimens may be cylinders or parallelepipeds, cast in molds or cut/cored to size from larger samples. Granular materials are compacted into cylindrical molds at optimum moisture content by Proctor-type compaction methods such as ASTM standards D698 (ASTM, 2007) or D1557 (ASTM, 2009). Monolithic specimens are unmolded and exposed to leachant on all faces while compacted granular specimens are exposed only on the axial face at the opening of the mold used to hold the compacted sample. Test specimens are leached in intervals in a series of tanks containing deionized water with each leaching interval having a specified duration. The volume of deionized water in each tank is based on the surface area of the test specimen at a liquid-to-surface area ratio (L/A) of 9 mL/cm^2. At the end of each leaching interval, the test specimen is removed from the tank, the mass of the test specimen is recorded, and the specimen is submerged into another new tank containing fresh deionized water. The cumulative times corresponding to the end of the nine leaching intervals are 2, 25, 48 hours, 7, 14, 28, 42, 49, and 63 days. For each tank eluate, the pH, conductivity, and (optionally) ORP are recorded prior to filtration through a 0.45-µm membrane and preservation of an analytical sample. After chemical analysis, the mean flux of constituents in each interval (i.e., mass released per surface area per unit time of the leaching interval) and the cumulative release of constituents (total mass released per unit surface area as a function of time) are calculated from the eluate concentration, the volume of eluate collected for each interval, the geometry and mass of the test specimen, and the duration of each interval. In addition, mass transfer characteristics (e.g., diffusivity, tortuosity) may be calculated using assumed mathematical models. The outputs of Method 1315 typically used for environmental purposes include the interval mass flux (mg/m^2 s) and the cumulative mass release (mg/m^2) as functions of cumulative time. This test is used to assess the combined effects of pore water chemistry (e.g., dissolution, adsorption) and diffusion through a monolithic or compacted granular material.

Data Management with LeachXS Lite™

Typically, only those chemical species of environmental concern (e.g., heavy metals) are measured under the current regulatory leaching structure. However, the LEAF methods are designed to provide a more complete assessment of the leaching behavior of a material which benefits from the analysis and evaluation of major and minor components of the solid matrix in addition to the typical species of direct environmental concern. The combination of multi-point leach testing and more comprehensive chemical analysis leads to a considerable amount of data to be assessed, compared and reported.

The leaching assessment and data management program LeachXS Lite™ has been developed to facilitate handling and reporting of the large amount of data required for full characterization following the LEAF approach. LeachXS Lite is a freely-licensed, limited capability version of the LeachXS™ program, focused primarily on uploading LEAF test method results from data templates in the form of Microsoft Excel spreadsheets, comparing leaching data between materials and test types, and outputting tabular and graphical leaching results to Excel workbooks for incorporation into reports.[5] The Lite version of LeachXS was developed, in part, to facilitate EPA coal combustion residue reports (Sanchez et al., 2006; Sanchez et al., 2008, Kosson et al., 2009), but can be used with any applicable material and is not restricted to use for coal combustion residues.

For each of the LEAF methods, participating laboratories were requested to use and complete a data template for each method. The data templates assist with method execution (e.g., calculations for the leaching interval durations) and provide a uniform vehicle for recording pertinent bench-scale and analytical data. After chemical analysis of the validation study analytical solutions, eluate concentrations were loaded into the data templates and both laboratory and analytical information was uploaded into a materials database usable within LeachXS and LeachXS Lite.

VALIDATION STUDY OVERVIEW

The validation of Method 1314 and Method 1315 was based on the approach published in EPA's *Guidance for Methods Development and Methods Validation for the RCRA Program* (EPA, 1992b). This document recommends that precision estimates be based on test results for materials conducted in triplicate by a minimum of three participating laboratories. Since the minimum number of laboratories suggested by EPA was deemed too small to produce adequate statistical analysis, the guideline of a minimum of six laboratories, found in ASTM E691 *Standard Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method* (ASTM, 1987) was adopted. Although ASTM and EPA guidance recommends a minimum of three materials, the validation of Method 1314 and Method 1315 was completed with two study materials for each test which was considered sufficient based on the EPA quality assurance/quality control (QA/QC) and program office reviews. In addition, the statistical analysis of validation results is consistent with the approach described in ASTM E691. The design and execution of this validation study was supported by a quality assurance project plan (QAPP) describing

[5] LeachXS Lite, which is a collaboration of VU, ECN, EPA ORD and ARCADIS, does not include the advanced formatting, statistical calculations, or geochemical and reactive transport modeling capabilities native to the full LeachXS version. The LEAF methods, data templates and LeachXS Lite are available free of charge at http://vanderbilt.edu/leaching.

all material handling procedures and data quality goals. The QAPP, as approved by the EPA ORD, is provided in Appendix C.

Project Organization

The project team for this validation study included personnel from EPA-ORD, ARCADIS and VU. The project team was responsible for the selection of participating laboratories, the scheduling of method validations, and the review of study documents. EPA ORD served as overall project manager while EPA OSWER was responsible for maintaining lines of communications with participating laboratories. Distribution of equipment kits and study materials to participating laboratories was conducted through ARCADIS. VU served as the reference laboratory for Method 1314 and Method 1315 based on their collaboration in developing the column and tank leaching tests. To minimize variations in the test method that would be expected if individual laboratories each conducted chemical analysis using different analytical approaches, equipment and technicians, all eluate chemical analysis was conducted at VU using inductively coupled plasma-optical emission spectroscopy (ICP-OES).

Selection of Participating Laboratories

Participating laboratories from academia, government, and the commercial sector were asked to donate time, personnel and support for this study. Following the policy established for validation of the LEAF batch methods (Garrabrants et al., 2012), the anonymity of the participating laboratories was ensured by assigning each laboratory, eluate samples and data results a number (e.g., Laboratory #1 produced the data shown with the L01 label).

Due to the *pro bono* nature of the laboratory participation, a certain level of attrition was expected throughout the course of the study and, therefore, at least one additional laboratory was recruited for each method above the minimum six laboratories recommended in ASTM guidance. A summary of the number of targeted laboratories and the number of laboratories used in the validation study for each method and material is presented in Table 1. In the Fall 2010, a total of ten laboratories participated in validation of Method 1315 and returned analytical samples for the first study material. However, two laboratories – L05 and L09 – were not able to participate in testing of the second study material due to financial and/or time commitments. Method 1314 was validated in the Winter 2011 with a total of seven laboratories returning analytical samples for two study materials. The number of laboratories asked to participate in the Method 1314 validation was limited by the costs to EPA associated with providing capital equipment (i.e., columns and pumps) to the participating laboratories.

Table 1. Summary of the Number of Targeted and Validation Laboratories.

Method	Materials	Target Laboratories	Validation Laboratories
Method 1314	Contaminated Field Soil	7	7
	Brass Foundry Sand	7	7
Method 1315	Solidified Waste Analog	10	10
	Contaminated Field Soil	10	8

Laboratory Participation

Each participating laboratory was asked to perform each test method as written in triplicate for two materials and to produce filtered and preserved analytical solutions (i.e., filtered eluates with 1% by volume Optima-grade nitric acid). In parallel, VU, serving as the reference laboratory for both Method 1314 and Method 1315, produced analytical samples for six test replicates of each test and material. All laboratories were required to provide technician support and to cover the costs of any consumable supplies (e.g., filtration membranes, reagents, etc.). The analytical samples were shipped under chain of custody by the participating laboratories to VU for chemical analysis. As part of the validation study, all laboratories were required to complete the laboratory data sections of a data template for each test method and material.

Chemical Analysis and Data Management

The analytical solutions were chemically analyzed at VU for a suite of 25 analytes using ICP-OES. During chemical analysis, the source of laboratory samples was masked using the laboratory numbering system on all sample labels. The validity of the chemical analysis was assessed by the VU analytical staff through a series of QA/QC checks, included initial and continuing calibration and analytical blank verifications, periodic spiked sample measurement and spike recovery calculations, and examination of relative standard deviation (RSD) of replicate analyses. All QA/QC checks were compared to the data quality indicators (DQIs) established in the QAPP prior to the start of the validation study. Verified analytical data for each material and test method were inserted into each of the corresponding data templates submitted to VU from the participating laboratories. These data templates were used by VU personnel to create and maintain a LeachXS Lite materials database for the validation study of all four LEAF methods.

Calculation of Precision Statistics

For each material and test, participating laboratories were required to complete the laboratory data sections of the provided Excel data template. When chemical analysis was complete and validated by VU analytical staff, eluate concentrations were amended to the data template which was used to upload test method and analytical data into LeachXS. The approach for analysis of validation data included standard statistical calculations consistent with the methodologies presented in EPA and ASTM guidance and the recommendations of the International Standards Organization (ISO) *Accuracy (Trueness and Precision) of Measurement Methods and Results* (ISO, 1994). This data assessment approach was recommended by collaborators at North Carolina State University and approved by EPA through the QAPP review process.

The statistical equations were implemented into a statistics module developed for LeachXS by collaborators at ECN. The statistics module allows the user to merge datasets from the materials database (e.g., each replicate of results from a single test of a method at a single laboratory is a separate dataset) and calculate parametric and non-parametric statistics. The output was saved as an .xml file that then was uploaded back into LeachXS for data processing and visualization. Using the standard statistical functions implemented in LeachXS for this project, the following statistics were derived from interpolated eluate concentrations and used to describe the validation data:

- ***95% Prediction Limits (PLs)***
  Prediction limits were calculated using the reference laboratory data and used to create an interval above and below the mean of the reference laboratory data. The interval about the mean indicate

of the range within which future data from the reference laboratory would fall at the 95% probability level.

- ***95% Robust Confidence Limits (RCLs)***
  Confidence Limits using robust statistical approaches (Huber, 1968; Daszykowski et al, 2007) were derived and used to create an interval about the median of the laboratory means. The interval represents the range of response for the mean of a laboratory at the 95% probability level.

- ***Standard Deviations about the Mean***
  Standard deviations associated with "within laboratory", "between laboratory" and "overall" variance factors were derived from the calculations used in a one-way analysis of variance (ANOVA). These standard deviations were used to create intervals about the mean of the data set to represent the range of uncertainty associated with each variance factor in the ANOVA. Since not formal ANOVA was conducted, the significance statistics from the F-distribution was not calculated.

- ***Coefficient of Variation (CVs)***[6]
  Coefficients of variation are presented as standard deviations for "within laboratory", "between laboratory" and "overall" variance factors normalized to the mean test output value in order to compare relative contributions from these variance sources.

- ***Relative Standard Deviations***
  The CVs for "within laboratory" and "overall" variance factors are used to represent method precision, respectively, as repeatability relative standard deviation (RSD_r) and reproducibility relative standard deviation (RSD_R).

Method precision, based on RSD_r and RSD_R values, were determined for ten selected analytes in each of the three study materials. Using the method precision data for eight analytes common to all study materials, distributions of method repeatability and reproducibility results as a function of test parameters (i.e., L/S for Method 1314 and time for Method 1315), analytes, and study materials were compared to precision statistics published for accepted leaching tests.

STUDY MATERIALS

The study materials used to validate Method 1314 included contaminated field soil (material code CFS) retained from remediation of a smelter site and spent casting sand collected from a brass foundry (material code JaFS). These materials were chosen to provide a wide variety of constituent analytes with enough common analytes to allow for comparison of precision estimates between materials. These materials were also considered by the project team to represent typical granular materials that would likely see percolation-controlled release in many environmental applications. For Method 1315, study materials included a laboratory-formulated solidified waste material (material code SWA) and the

[6] This report uses the terms "coefficients of variation" (CVs) and "relative standard deviations" (RSDs). Although mathematically equivalent, these terms are used in the report to differentiate the analysis of variance sources (i.e., CVs for "within laboratory", "between laboratory" and "overall" standard deviations) from measures of method precision determined as the repeatability relative standard deviation (RSD_r) and reproducibility relative standard deviation (RSD_R).

aforementioned CFS smelter soil. These materials were chosen to challenge the method with both monolithic and compacted granular materials types while providing a variety of constituent analytes, again, with enough common analytes to allow for comparison of precision between materials. The CFS and SWA materials were previously used in the validation of batch extraction tests Method 1313 and Method 1316 (Garrabrants et al., 2012).

Total Elemental Contents

The total element contents of the study materials used to validate Method 1314 and Method 1315 are shown in Table 2.

Table 2. Total Content Analysis of Study Materials.

Analyte	Symbol	SWA (mg/kg)	CFS (mg/kg)	JaFS (mg/kg)
Aluminum[a]	Al	59,000	34,000	49,000
Antimony	Sb	2,100	490	<10
Arsenic	As	1,100	1,900	<14
Barium	Ba	3,000	810	90
Beryllium	Be	3.5	0.39	<2.4
Boron[b]	B	3,600	610	460
Cadmium	Cd	2.6	310	<2.8
Calcium[a]	Ca	220,000	46,000	13,000
Carbon, inorganic[c]	TIC	2,000	600	600
Carbon, organic[c]	TOC	5,000	27,000	39,000
Chromium	Cr	1,200	240	3.6
Cobalt	Co	18	110	2.8
Copper	Cu	67	60,000[a]	6,900
Iron[a]	Fe	21,000	87,000	10,000
Lead	Pb	330	6,000[a]	1,400
Lithium	Li	4.3	1.80	<2.4
Magnesium	Mg	33,000[a]	5,300	12,000[a]
Manganese	Mn	900	1,700	28
Molybdenum	Mo	7.6	710	<1.5
Nickel	Ni	25.0	80.0	50
Phosphorus	P	2,000	380	120
Potassium	K	7,000	11,000[A]	2,600
Selenium	Se	1,300	52.0	<19
Silicon[a]	Si	120,000	150,000	340,000
Sodium[a]	Na	40,000	11,000	7,300
Strontium	Sr	1,300	280	74
Sulfur	S	8,200	64,000[a]	6,200[a]
Thallium	Tl	1.1	29.0	<5.8
Titanium	Ti	4,400	2,200	1,100
Vanadium	V	100	58.0	12
Zinc	Zn	86	25,000[a]	15,000[a]

Notes:

All determinations by digestion using EPA Method 3052 (EPA, 1996) and ICP-OES unless noted.

[a] Total content by XRFS using EPA MOP 5003.5 (EPA, 2010)

[b] Total boron by digestion using EPA Method 3051 (EPA, 2007a)

[c] Total organic and inorganic carbon by catalytic combustion using EPA Method 9060 (EPA, 2004)

For the purposes of interpreting total content and describing these materials, analytes are grouped into major, minor, and trace species categories as follows:

- Major species – analytes with total content of at least 10,000 mg/kg (i.e., 1 % by mass);
- Minor species – analytes with total content less than 10,000 mg/kg but at least 1,000 mg/kg; and
- Trace species – analytes with total content less than 1,000 mg/kg.

Total content was determined by a combination of X-ray fluorescence spectrometry (XRFS) for major species and microwave-assisted acid digestion using EPA Method 3052B (EPA, 1996) with chemical analysis of digestions by inductively coupled plasma-optical emissions spectrometry (ICP-OES). XRFS and digestions were conducted by ARCADIS while chemical analysis of digestions was performed at VU.

Solidified Waste Analog

A solidified waste analog material (material code SWA) was used in monolithic form for the validation of Method 1315. The SWA material was designed by VU to simulate a waste stream treated by solidification/stabilization comprised of 6 wt% Type I portland cement, 33 wt% class C coal combustion fly ash, and 33 wt% ground granulated blast furnace slag and approximately 28 wt% wastewater containing several dissolved metal salts of antimony, arsenic, barium, cadmium, copper, lead, selenium and zinc. The cementitious material was mixed in bulk at VU and cast into 10-cm diameter x 10-cm long cylindrical plastic molds and cured at VU in a moist environment for a minimum of 28 days.[7] Details on preparation of the SWA materials are available in the Method 1313 and Method 1316 validation report (Garrabrants et al., 2012). The major species in SWA included Al, Ca, Fe, Mg, Si, Na, and total carbon while Sb, As, B, Ba, Cr, P, K, Se, Sr, S, and Ti were detected as minor species.

Four randomly selected monoliths (~1,500 g each) were distributed by ARCADIS to each of the participating laboratories while eight randomly selected monoliths were retained by VU, the reference laboratory for the validation of Method 1315. The extra monolith in each distribution package to the participating laboratories was included to ensure that each laboratory would have a sufficient number of test specimens in case of minor damage during shipment. In addition to the four monoliths used for Method 1315 testing, the ECN received four additional monoliths slated for testing using analogous EU methods. In Winter 2011, triplicate testing of SWA using a Dutch monolithic diffusion test, NEN 7375 (NEN, 2004), was conducted in parallel with the interlaboratory study. Approximately one year later, an additional four monolith specimens were sent to the ECN for testing using the CEN/TS 15863 diffusion test.

Contaminated Field Soil

A soil contaminated with heavy metals (material code CFS) was used in validation of both Method 1314 and Method 1315. Approximately 320 kg of contaminated field soil was collected from a smelter site located in the United States and shipped to ARCADIS for processing in 5-gallon plastic buckets. The entire batch of soil was sieved to pass a 2-mm opening in order to remove large rocks and other refuse

[7] In parallel, bulk SWA material used for validation of Method 1313 and Method 1316 (Garrabrants et al., 2012) was cured in 10-cm diameter by 20-cm long cylindrical molds under the same curing conditions.

and transferred to a clean blue plastic tarp for mixing by coning and quartering as described in ASTM D5231 (ASTM, 2008). After homogenization, the soil was divided into 1-L HDPE jars containing approximately 1 kg each for distribution to the participating laboratories. Each participating laboratory received six randomly selected jars (6 kg) of soil to be used in testing while the reference laboratory retained 12 randomly selected jars (12 kg). Subsamples from 12 randomly selected containers were taken for total mercury analysis and an additional three subsamples taken for total content analysis by Method 3052/ICP-OES. Total content analysis of CFS material showed that major species included Al, Ca, Cu, Fe, K, Si, Na, S, and Zn while minor species included As, Pb, Mg, Mn and Ti.

Brass Foundry Sand

Spent casting sand (identified by material code JaFS) was used as a study material for validation of the Method 1314 column test. A sample of spent casting sand was collected in twenty-five 5-gallon buckets from a brass foundry located in the United States and shipped to ARCADIS for processing and distribution. ARCADIS sieved the sample material to pass a 2-mm opening and homogenized the sample using coning and quartering techniques. The homogenized foundry sand was returned to 5 gallon buckets and subsamples from three of the 25 buckets were taken for total content analysis by Method 3052/ICP-OES. Once homogenization was verified through comparison of total content subsamples, the foundry sand was further divided into 1-kg portions and placed into 1-L high-density polyethylene (HDPE) containers for distribution to the laboratories. Three randomly selected 1-L containers (3 kg) were sent to each participating laboratory for triplicate testing using Method 1314. The reference laboratory retained six randomly selected containers (6 kg), enough material to conduct six replicates of the test. Major species in the JaFS material include Al, Ca, Fe, Mg, Si and Zn. Minor species include Cu, Pb, K, Na, S, and Ti.

ANALYTICAL METHODS

All eluates were analyzed at VU to minimize variability in the results associated with individual analytical methods and QA/QC assessments. The concentrations of a suite of analytes were measured by ICP-OES on a Varian ICP Model 720-ES (Agilent Technologies, Santa Clara, CA) following SW-846 Method 6010 (EPA, 2007b). The suite of analytes included Al, As, B, Ba, Ca, Co, Cr, Cu, Fe, Li, Mg, Mn, Mo, Ni, P, Pb, S, Sb, Se, Si, Sr, Ti, Tl, V, and Zn.

The ICP-OES analytical range of approximately 0.1 mg/L to 25 mg/L for trace metals was calibrated using five-point standard curves whereas the analytical range was extended to a maximum of 500 mg/L using seven-point standard curves for major components. During analysis of solutions, blanks and calibration check standards (~0.5 mg/L) were monitored every 10 to 20 samples with the requirement that recoveries be within 20% of the specified value. Analyses were performed on undiluted samples when possible and, when necessary, samples were diluted gravimetrically to within the targeted analytical range using 1% (v/v) Optima grade nitric acid (Fisher Scientific) in deionized water. Yttrium at 10 mg/L was used as an internal standard. Analytical matrix spikes were checked for three test positions for each triplicate analysis of a laboratory data set. For each 5 mL sample aliquot, spikes were prepared by addition of 100 µL of a 10 µg/L standard solution for trace species or 100 µL of a 1,000 µg/L standard solution for major species.

Table 3 presents the ICP-OES analytes and associated method detection limit (MDL) and minimum level of quantitation (ML), determined by VU according to the *Technical Support Document for the Assessment of Detection and Quantitation Approaches* (EPA, 2003).[8] Concentrations measured at values less than the MDL were reported as "non-detected" or "ND" in tabular formats, but were set to a value of ½ the MDL value for plotting and data analysis. Concentrations measured at less than the ML but greater than the MDL were reported as "estimated values" and were maintained as measured for plotting and data analysis.

Table 3. MDLs and MLs for ICP-OES.

Symbol	MDL (µg/L)	ML (µg/L)	Symbol	MDL (µg/L)	ML (µg/L)	Symbol	MDL (µg/L)	ML (µg/L)
Al	1.0	3.2	Cu	3.7	11.8	Se	15.0	47.7
Sb	7.5	23.9	Fe	2.0	6.4	Si	1.1	3.5
As	11.0	35.0	Pb	6.8	21.6	Na	2.5	8.0
Ba	1.0	3.2	Li	1.9	6.0	Sr	1.0	3.2
Be	1.7	6.0	Mg	1.0	3.2	S	6.8	21.6
B	1.0	3.2	Mn	2.0	6.4	Tl	4.6	14.6
Cd	2.2	7.0	Mo	1.2	3.8	Ti	2.0	6.4
Ca	2.6	8.3	Ni	1.8	5.7	V	1.5	4.8
Cr	1.2	3.8	P	3.7	11.8	Zn	1.0	3.2
Co	1.8	5.7	K	1.6	5.1			

Supplemental Analysis for Reference Laboratory Eluates

For the six sets of replicate eluates provided for analysis by the reference laboratory, the standard chemical characterization of 25 analytes by ICP-OES was supplemented with analysis of Cs, Sn, and U by inductivity coupled plasma-mass spectroscopy (ICP-MS and analysis of dissolved inorganic carbon (DIC) and dissolved organic carbon (DOC) by total carbon analysis. Supplemental analysis was conducted to address specific regulatory concerns (e.g., Cs, Sn, and U) and to document the dissolution of carbon species which can significantly influence leaching concentrations.

Prediction limits at the 95% probability level were calculated for all analytes (i.e., supplemental analytes plus ICP-OES analytes) from chemical analysis of the six reference laboratory test replicates to illustrate the range of within-laboratory data obtained during the validation study. The full set of analytical data is presented in Appendices E (Method 1314) and F (Method 1315) for the reference laboratory test results.

Inductively Coupled Plasma – Mass Spectroscopy

ICP-MS analysis was carried out at VU following SW-846 Method 6020 (EPA, 2007c) using a Perkin Elmer model ELAN DRC II (Perkin Elmer, Waltham, MA) in standard mode. Initially, analyses for 10:1

[8] The analytical data quality indicators for this report are based on the guidelines established by the EPA Office of Water and include establishing a method detection limit (MDL) and minimum level of quantitation (ML) based on standard deviation of seven non-consecutive analyses of a low-concentration standard analytical solution. However, the EPA Office of Resource Conservation and Recovery (ORCR) has recommended that practitioners establish a lower limit of quantitation (LLOQ) for analytes of concern as a demonstration of quantitation capability at low analyte concentration levels. The LLOQ demonstration is a performance-based validation of recovery from a spiked analytical solution typically at concentration levels approximating the lowest calibration standard.

(water:sample) volumetric dilutions were performed to minimize total dissolved solids loading to the instrument. Additional dilutions at 100:1 and 1000:1 were analyzed as needed if the calibration range of the 10:1 dilutions was exceeded. Internal standards consisting of 50 µL of each a 10 mg/L indium solution and a 10 mg/L bismuth solution were added to each 10 mL diluted sample aliquot prior to analysis. Internal standards of indium and bismuth are used to adjust for the centration response for species with mass range below and above 150, respectively. MDL and ML values for supplemental ICP-MS analyses as determined by the analytical laboratory are shown in Table 4.

Table 4. MDL and ML Values for Supplemental ICP-MS Analysis.

Symbol	MDL (µg/L)	ML (µg/L)
Cs	0.49	1.6
Sn	0.70	2.2
U	0.30	1.0

Ion Chromatography

Anion concentrations in reference laboratory analytical samples were determined by ion chromatography (IC) using a Dionex DX600 system (Dionex Corporation, Sunnyvale, CA) with a conductivity detector following EPA SW-846 Method 9056 (EPA, 2007d). A five-point standard curve was created by dilution of a seven-anion bulk standard and used to calibrate the analytical range which varied based on the relative concentrations of analytes in the bulk standard. Analytical blanks and calibration check standards at approximately 1 mg/L were measured after every ten analytical samples and compared to acceptable QA/QC criteria (i.e., calibration standard recoveries were required to be 85-115% and concentrations in analytical blanks required to be non-detectable). MDL and ML values for supplemental IC analytes as calculated by the analytical laboratory are shown in Table 5.

Table 5. MDL and ML Values for Supplemental IC Analysis.

Symbol	MDL (µg/L)	ML (µg/L)
Cl	6.4	21
F	7.1	22
NO_3	26	82
PO_4	24	75
SO_4	21	66

Total Carbon Analysis

Total carbon analysis following SW-846 Method 9060 (EPA 2004) for all eluates was performed on a Shimadzu model TOC-V CPH/CPN (Shimadzu Scientific Instruments Inc., Columbia, MD) to determine the concentrations of DIC and DOC in reference laboratory analytical samples. Five-point calibration curves, for both DIC and non-purgeable DOC analyses, were generated for an analytical range between 1 and 100 mg/L. The value for a minimum acceptable standard curve correlation coefficient was set at 0.995. An analytical blank and a calibration check standard at approximately 1 mg/L were measured after every ten analytical solutions and the results compared to acceptable QA/QC criteria (i.e., the recovery of

calibration checks were required to be 85-115% and concentrations in analytical blanks were required to be non-detectable). Table 6 shows the MDL and ML values for supplemental DIC and DOC analyses.

Table 6. MDL and ML Values for Supplemental Total Carbon Analysis.

Symbol	MDL (µg/L)	ML (µg/L)
DIC	130	410
DOC	170	550

DATA PROCESSING METHODS

Data processing includes all operations used to prepare collected method results for use in statistical analyses. These operations include initial evaluation of chemical analyses, test result validation through assessment of chemical analysis of required method blanks and associated filtering of collected analytical data due to significant method blank concentrations or identified causes of error, and $\log_{10}$-transformation and interpolation/extrapolation of selected analyte results to L/S or time targets as specified in each method.

Method Blank Analysis and Data Filtering

As specified in each test method, participating laboratories provided preserved analytical solutions representing method blanks. For Method 1314, the required method blank is simply a sample of the leaching solution used in the column test. For Method 1315, method blanks were a full set of analytical solutions resulting from conducting one entire test replicate as a method blank (i.e., tank leaching conducted without solid specimen, but otherwise carried through the process using all equipment and following all handling procedures). Method blanks were chemically analyzed by ICP-OES along with the test extractions and the results were evaluated to identify potential sources of contamination (e.g., contact surfaces, contaminated reagents) that might bias the results of the test extractions. When concentrations in the method blanks or the recorded values of other process variables (e.g., eluate pH, collection times, or eluate volumes) indicated that analyte concentrations in the test extractions may have been biased, removal or "filtering" of the corresponding test extraction result from the statistical analysis was considered. A brief review of the results of method blank analysis and data filtering is presented with the QA/QC summary. Detailed discussion of the method blank and data filtering processes is available in Appendix D.

Analyte Selection

Eluate concentrations for ICP-OES analysis of reference laboratory analytical samples for Method 1314 (Appendix E) and Method 1315 (Appendix F) were used to identify candidate analytes for use in the validation study. The results of this initial screening are shown in Table 7. For each method and study material, analytes with no more than one concentration value less than the MDL were indicated by a check mark and considered candidates for estimation of precision. In the table, toxicity characteristic (TC) priority metals based on the RCRA program are shown in red text.

For each method, a set of 10 analytes for each material was selected for statistical evaluation. These analytes are shown in yellow in Table 7. The selection of the analytes for the validation considered: (i)

relevance to potential risks to human health and the environment (e.g., TC metals), (ii) representativeness of the range of characteristic pH-dependent leaching behaviors as a function of pH, and (iii) concentrations at sufficient level to allow a single, undiluted ICP-OES analysis. Priority was given to eight analytes present in both study materials to allow for comparisons of analyte-based precision across material types.

Table 7. Candidate ICP-OES Analytes and Selected Analytes for Statistic Analysis.

Analyte	Symbol	M1314 CFS	M1314 JaFS	M1315 SWA	M1315 CFS
Aluminum	Al	✔	✔	✔	✔
Antimony	Sb	✔		✔	✔
Arsenic	As			✔	
Barium	Ba	✔	✔	✔	✔
Beryllium	Be				
Boron	B	✔	✔	✔	✔
Cadmium	Cd	✔			✔
Calcium	Ca	✔	✔	✔	✔
Chromium	Cr			✔	
Cobalt	Co	✔			✔
Copper	Cu	✔	✔		✔
Iron	Fe				
Lead	Pb	✔	✔		✔
Lithium	Li				✔
Magnesium	Mg	✔	✔	✔	✔
Manganese	Mn	✔	✔		✔
Molybdenum	Mo	✔	✔	✔	✔
Nickel	Ni	✔			✔
Phosphorus	P				✔
Potassium	K	✔	✔	✔	✔
Selenium	Se	✔		✔	✔
Silicon	Si	✔	✔	✔	✔
Sodium	Na	✔	✔	✔	✔
Strontium	Sr	✔	✔	✔	✔
Sulfur	S	✔		✔	✔
Thallium	Tl	✔			✔
Titanium	Ti				
Vanadium	V	✔		✔	✔
Zinc	Zn	✔	✔	✔	✔
Total Selected Analytes		10	10	10	10
Common Analytes		8		8	

Notes:

TC priority metals are shown in red text.

✔ indicates analytes with no more than one test position below the MDL (based on reference laboratory results).

Yellow shaded indicates analytes selected for statistical analysis

Data Transformation and Linear Interpolation/Extrapolation to Target Values

Statistical analyses were performed on $\log_{10}$-transformed test results that had been interpolated or extrapolated to the target value of L/S or cumulative time specified in the methods. Log_{10}-transformation

is a common statistical practice for data that cannot have negative values, e.g., concentration (Haldar and Mahadevan, 2000) to lessen the impacts of extreme data values and to render the statistical distributions closer to normal, thereby enhancing the suitability of statistical methods based on the normal distribution (Ellison et al., 2009). Linear interpolation/extrapolation of $\log_{10}$-transformed method output allowed for statistical analysis of data within and between laboratories at the same L/S or time value.

For Method 1314, analytical samples of column eluates are collected at specified values of L/S between 0.2 and 10 mL/g-dry. In environmental applications, the method has two outputs: (i) the eluate concentrations (mg/L) as a function of L/S and (ii) the cumulative mass release (mg/kg) as a function of L/S. Log_{10}-transferred eluate concentrations and cumulative mass releases were interpolated to the target L/S value as necessary to adjust for variations in experimental L/S of the validation study eluates. In some cases, extrapolation to either the lowest or highest target value was necessary.

Although the direct result of conducting Method 1315 is a series of eluate concentrations collected at experimental values of cumulative time, the two method outputs that are used for environmental assessment purposes are (i) the mean interval flux (mg/m^2 s) as a function of cumulative time and (ii) the cumulative mass release (mg/m^2) as a function of cumulative time. These outputs are derived from eluate concentrations and recorded test parameters (i.e., eluate volume, interval duration, and sample surface area). For each Method 1315 test position, the mean interval flux and the cumulative release were calculated directly from measured eluate concentrations at the experimental time values and laboratory information recorded in the data templates by each laboratory. After $\log_{10}$-transformation, these results were interpolated or extrapolated to the target cumulative time values specified in Method 1315 to adjust for variations in experimental time values. In some cases, extrapolation to either the lowest or highest target value was necessary.

Linear interpolation and extrapolation of the $\log_{10}$-transformed data was based on values of the two data points nearest to the target value. For example, if Method 1314 eluate concentrations are recorded at experimental L/S values of 0.6, 1.1 and 1.6 mL/g-dry, the eluate concentrations recorded at L/S of 0.6 and 1.1 mL/g-dry are used to extrapolate results to the target L/S value of 0.5 mL/g-dry, while eluate concentrations at L/S of 1.1 and 1.6 mL/g-dry are used to interpolate method results to the target L/S of 1.0 mL/g-dry.

The algorithm for interpolation is as follows:

> Given a set of coordinate data $\{(x_i, y_i): i = 1,...n\}$ sorted by the first coordinate (so that $x_1 < x_2 < \cdots < x_n$) and a *target* x-value, call it x_T, an interpolated/extrapolated y-value, call it y_T, is calculated as:
>
> $$y_T = a_T + b_T x_T$$
>
> where:
>
> - if $x_T < x_1$, then $b_T = (y_2 - y_1) / (x_2 - x_1)$ and $a_T = y_2 - b_T x_2$ (extrapolation from the two points with closest x-values);
> - if $x_T \geq x_n$, then $b_T = (y_n - y_{n-1}) / (x_n - x_{n-1})$and $a_T = y_n - b_T x_n$ (extrapolation from the two points with closest x-values);
> - if $x_{j-1} \leq x_T < x_j$, then $b_T = (y_j - y_{j-1}) / (x_j - x_{j-1})$and $a_T = y_j - b_T x_j$ (interpolation from the two closest points surrounding x_T).

Extrapolation was limited to a band within 20% of a target L/S or cumulative time value to avoid the creation of data points when analytical solutions were not submitted by the participating laboratory for a test position.

STATISTICAL CALCULATIONS

Statistical analysis of interpolated, $\log_{10}$-transformed output focused on determination of the precision parameters and other descriptive statistics described in this section. All calculations were implemented within a module of LeachXS, output from LeachXS as a .xml file, and imported back into the LeachXS materials database for visualization and comparison to other data sets.

95% Prediction Limits (PLs) Based on Reference Laboratory Results

Using only the reference laboratory data set of six test replicates, a prediction interval about the mean of the data set at each target pH was constructed using standard normal distribution-based prediction approaches at a 95% prediction level (Rao, 1998; Ellison, 2009).

Suppose that there are n replicate laboratory measurements $y_1,...,y_n$. The sample mean ($\bar{y}$) and sample standard deviation(s) of these measurements are:

$$\bar{y} = (1/n)\sum_{i=1}^{n} y_i \text{ and}$$

$$s = \sqrt{[1/(n-1)]\sum_{i=1}^{n}(y_i - \bar{y})^2} \ .$$

The prediction interval is divided into an upper limit (PL_{upper}) and a lower limit (PL_{lower}) calculated as:

$$PL_{lower} = \bar{y} - t \cdot s\sqrt{1 + 1/n}$$

$$PL_{upper} = \bar{y} + t \cdot s\sqrt{1 + 1/n}$$

where t is the upper 0.025 critical value from the Student t distribution with n-1 degrees of freedom; the area to the right of t is 0.025, often denoted in literature as t (n-1, 0.025).

95% Robust Confidence Limits (RCLs) based on the Median of Laboratory Mean Data.

Intervals about the median of the laboratory means were constructed using robust confidence limits (Huber, 1968; Daszykowski et al., 2007) at the 95% significance level. These intervals delineate the reproducibility operating characteristics across laboratories in the sense that one would expect 95% of all laboratories to produce a mean $\log_{10}$-transformed concentration value of three replicates to fall within these bounds. To lessen the impact of outlying results from a small subset of laboratories and, thus, to also facilitate identification of laboratories producing discrepant results, the limits were calculated substituting robust measures of location and scale, the median and median absolute deviation (MAD), for their more common non-robust counterparts, the mean and standard deviation (Maronna et al., 2006). This substitution also requires modification of the usual t-distribution critical values commonly seen in confidence and prediction intervals to ensure the desired coverage probabilities. The robust limits and the method of calculating adjusted critical values are described below.

For each laboratory data set, the arithmetic mean of the laboratory replicates is calculated as denoted by $\bar{y}_1,\ldots,\bar{y}_n$ where the subscript refers to the laboratory number. Note that in most cases n = 10 for the targeted ten participating laboratories, but this number may differ when data are missing or filtered. The robust confidence limits depend on the median of the laboratory means (M) and the median absolute deviation (MAD) of this group of means:

$$M = \text{median}\{\bar{y}_1,\ldots,\bar{y}_n\},$$

$$MAD = \text{median}\{|\bar{y}_1 - \text{M}|,\ldots,|\bar{y}_n - \text{M}|\}.$$

The robust confidence intervals are constructed of an upper limit ($\text{RCL}_{\text{upper}}$) and a lower limit ($\text{RCL}_{\text{lower}}$) using the formulae

$$\text{RCL}_{\text{lower}} = M - 1.96\, C_n\, (1.4826)\, MAD,$$

$$\text{RCL}_{\text{upper}} = \text{M} + 1.96\, C_n\, (1.4826)\, MAD,$$

where the constants C_n for n = 4,..., 12, 100, 200 are given in Table 8.

The factor 1.4826 in the formulas for the robust confidence limits scales the *MAD* so that it is an unbiased estimator of the population standard deviation in large sample sizes when the data are normally distributed. The factor 1.96 is the 0.025 upper-tail critical value of the standard normal distribution commonly seen in formulas for 95% confidence intervals based on the sample mean and sample standard deviation. Although it would be mathematically equivalent to combine the product of C_n, 1.96 and 1.4826 into a single constant, keeping them separate makes evident that the interpretation of the constants C_n in Table 8 as correction factors: (i) adjusts for small sample sizes (in a manner similar to the way that the *t*-distribution critical values adjust for small sample sizes relative to the standard normal critical values); and (ii) accommodates the fact that limits are constructed using the sample median and sample *MAD* (scaled by 1.4826) instead of the sample mean and sample standard deviation as estimators of the population mean and standard deviation.

Table 8. Constants C_n for Constructing the Robust Confidence Limits.

n	C_n	*n*	C_n	*n*	C_n	*n*	C_n
4	1.6233	12	1.2100	26	1.0967	76	1.0300
5	1.8633	13	1.2233	30	1.0833	100	1.0233
6	1.4433	14	1.1833	31	1.0833	101	1.0233
7	1.5033	15	1.1833	40	1.0633	200	1.0100
8	1.3300	16	1.1567	41	1.0633	201	1.0100
9	1.3500	20	1.1233	50	1.0500		
10	1.2567	21	1.1233	51	1.0500		
11	1.2700	25	1.1033	75	1.0300		

Because the median and scaled *MAD* values are consistent estimators of the mean and standard deviation of the normal distribution, the constants C_n are approximately 1 for very large sample sizes. Close inspection of Table 8 reveals that the constants decrease monotonically to 1 as n increases for all odd values of n, and for all even values of n, but that the change from neighboring even to odd n is not decreasing. This phenomenon results from the alternating definition of the median for odd and even sample sizes and diminishes in magnitude with increasing sample size.

The constants C_n were determined by Monte Carlo simulation so that the limits have the desired coverage properties when the laboratory means are a random sample from a normal distribution. Specifically, for each value of n in Table 8, one million samples of size n were generated from a standard normal distribution. For each sample, the fractions of the sample values lying between limits of the form $M \pm 1.96\ C_n\ (1.4826)\ MAD$ for a dense grid of values C_n were calculated. These fractions were then averaged over the one million samples and the value of C_n that resulted in the average fraction being closest to 0.95 (and was always within 0.001 of 0.95) was identified. The Monte Carlo variation in the reported values of C_n is less than the number of decimal places displayed.

Although the constants were generated in such a manner that the intervals have a very precise interpretation for normally distributed data, their robustness (stemming from the use of the median and *MAD*) ensures their utility for identifying aberrant values from a set of data more generally than for just normally distributed data.

Estimates of Variance Components and Standard Deviations

The variance components are estimated using the approach of a standard random effects one-way ANOVA model in which the laboratories are considered the "treatments." The notation and formulas that follow are the same as in the book by Rao (1998; see in particular Section 14.3 and Box 14.2, pp 650-653).

The "within laboratory" standard deviation is associated with the repeatability of the method and is a statistical estimate of variability of replicate measurements from the same laboratory based on pooled information for all laboratories. Therefore, within-laboratory standard deviation is not specific to any particular laboratory. The "overall" standard deviation is associated with the reproducibility of the method and is used to indicate the combined effects of within-laboratory and between-laboratory variances.

Preliminary Calculations and Example ANOVA Table

$$N = \sum_{i=1}^{t} n_i \qquad Y_{i,+} = \sum_{j=1}^{n_i} Y_{i,j} \qquad \overline{Y}_{i,+} = \frac{Y_{i,+}}{n_i}$$

$$Y_{+,+} = \sum_{i=1}^{t}\sum_{j=1}^{n_i} Y_{i,j} \qquad \overline{Y}_{+,+} = \frac{Y_{+,+}}{N} \qquad CM = \frac{Y_{+,+}^2}{N}$$

$Y_{i,j}$ = the j^{th} replicate measurement from the i^{th} laboratory, $j = 1,...,n_i$, $i = 1,...,t$.

In most cases, $t = 10$ laboratories and $n_i = 3$ or 6 for the participating laboratories and reference laboratory, respectively. However, these numbers can vary with missing (filtered) data.

$$\text{SS[TOT]} = \sum_{i=1}^{t}\sum_{j=1}^{n_i}\left(Y_{i,j} - \overline{Y}_{+,+}\right)^2 = \left(\sum_{i=1}^{t}\sum_{j=1}^{n_1} Y_{i,j}^2\right) - CM$$

$$\text{SS[T]} = \sum_{i=1}^{t}\sum_{j=1}^{n_i}\left(\overline{Y}_{i,+} - \overline{Y}_{+,+}\right)^2 = \left(\sum_{i=1}^{t}\frac{Y_{i,+}^2}{n_i}\right) - CM$$

$$\text{SS[E]} = \sum_{i=1}^{t}\sum_{j=1}^{n_i}\left(Y_{i,j} - \overline{Y}_{i,+}\right)^2 = \text{SS[TOT]} - \text{SS[T]}$$

Table 9 shows how the preliminary calculations described above fit into the ANOVA table. The table proportions the overall or total error into sources of variation and accounts at each level for the degrees of freedom (*df*), the sum of square errors and mean square errors.

Table 9. Example ANOVA Table

Source of Variation	*df*	Sum of Squares	Mean Squares	F
Treatments	$t-1$	SS[T]	MS[T]=SS[T]/*df*	F_{calc} = MS[T]/MS[E]
Error	$N-1$	SS[E]	MS[E]=SS[E]/*df*	
Total	$N-1$	SS[TOT]		

Variance Components and Standard Deviations

The "within laboratory" variance component, v_w, is simply the MS[E] term derived in the ANOVA table. The standard deviation associated with repeatability, s_r, is determined as the square root of the within-laboratory variance component:

$$s_r = \sqrt{v_w} = \sqrt{MS[E]}$$

The variance component associated with between-laboratory variance is:

$$(s_L)^2 = \frac{MS[T] - MS[E]}{D}$$

$$\text{where } D = \frac{1}{t-1}\left(\sum_i^t n_i - \frac{\sum_i^t n_i^2}{\sum_i^t n_i}\right).$$

The standard deviation associated with between-laboratory variance, s_L, is calculated as the square root of the between-laboratory variance component:

$$s_L = \sqrt{\frac{MS[T] - MS[E]}{D}}$$

In some cases, the between laboratories variance component may be negative and, when it is, the variance value is set to zero. Although there are more complicated ways of dealing with the negative variance component problem, these approaches are not warranted in this application.

The total or overall variance component is the sum of the within-laboratory and between-laboratory variance components and the standard deviation associated with the overall variance, s_R, is associated with the method reproducibility:

$$s_R = \sqrt{(s_r)^2 + (s_L)^2}$$

Because the term, s_L, includes a divisor normalizing the variance to the average number of observations per laboratory, the approach is numerically consistent with the approach for calculating repeatability and reproducibility standard deviations in ASTM E691 *Standard Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method* (ASTM, 1987).

Repeatability and Reproducibility

The statistic that is associated with the repeatability of a method is the repeatability relative standard deviation, RSD_r, which is calculated as the within-laboratory standard deviation on a percentage basis and normalized to the overall mean value. The RSD_r is numerically equivalent to the within-laboratory coefficient of variation.

$$RSD_r = \frac{s_r}{\left|Y_{+,+}\right|} \times 100\%$$

The statistic that is associated with the reproducibility of a method is the reproducibility relative standard deviation, RSD_R, which is a percentage-based measure of the overall standard deviation to the mean value and numerically equivalent to the overall coefficient of variation.

$$RSD_R = \frac{s_R}{\left|Y_{+,+}\right|} \times 100\%$$

Reproducibility Limit

The reproducibility limit (R) was used to create an interval of possible results about the mean of the LEAF method data ($\bar{y}$) to show the consistency between LEAF methods results and analogous EU leaching methods.

The International Standards Organization (ISO) defines reproducibility limit as "the value less than or equal to which the absolute difference between two test results obtained under reproducibility conditions may be expected to be within a probability of 95%" (ISO 5725-1, 1994). The reproducibility limit (R) is derived from the reproducibility standard deviation according to:

$$R = t \cdot \sqrt{2} \cdot s_R$$

where t is the Student's t-distribution value required for the 1-α level of confidence and the appropriate number of degrees of freedom, and

s_R is the reproducibility standard deviation.

Following the suggestion of Ellison et al. (2009), the value of t was approximated as $t=2$ to approach the Student's t-distribution value limit for a large number of degrees of freedom at the 95% confidence level. Thus, the R at the 95% confidence limit is calculated as:

$$R = 2.8 \cdot s_R$$

The reproducibility limit is applicable to data where errors are considered normally distributed and, thus, the calculation of reproducibility limit was conducted as a $\log_{10}$-tranform. For each target cumulative L/S (Method 1314) or time (Method 1315) value, the reproducibility limits above and below the mean of the validation data (RL_{upper} and RL_{lower}, respectively) were calculated using the validation study mean ($\bar{y}$) and the reproducibility standard deviation for the $\log_{10}$-tranformed data ($S_{R,log}$):

$$RL_{upper} = \log(\bar{y}) + 2.8 \cdot S_{R,\log}$$

and

$$RL_{lower} = \log(\bar{y}) - 2.8 \cdot S_{R,\log}$$

When compared to the reproducibility limit interval (*RL*), the results from EU methods that fall within the reproducibility limit interval about the mean may be considered statistically equivalent to the results of the LEAF method.

Application of Statistical Approach for Cumulative Results

The cumulative release results for Method 1314 and Method 1315, taken as a whole, may be considered a longitudinal dataset (i.e., a set of data that tracks the same type of information on the same subjects at multiple points in time) due to the sequential nature of the data and the likelihood that measurements recorded by the same laboratory at successive time points are correlated in time. When the objective of data analysis is to study the evolution of longitudinal processes, the application of statistical methods that account for the possibility of temporal correlation is essential. However, when the focus of data analysis is on comparisons at fixed time points, standard statistical approaches where temporal correlation may be considered negligible have some advantages (Verbeke and Molenberghs, 2009). Thus, since measurements from different laboratories are independent, the validation of cumulative release results at fixed L/S (Method 1314) or time points (Method 1315) follows the statistical approach described in the sections above.

QA/QC SUMMARY

The QA/QC checks used to ensure the validity of the analyses in this study included assessment of initial sample homogeneity through evaluation of total content replicates, comparison of replication and spike recoveries during ICP-OES chemical analysis to DQI goals established in the project QAPP (Appendix C), evaluation of method blank concentrations relative to concentrations in analytical samples, and overall visual data consistency checks. QA/QC ensured that (i) study materials were adequately homogenized prior to distribution by ARCADIS to participating laboratories, (ii) chemical analyses of eluate samples were of sufficient quality for the validation, and (iii) the reported data were not significantly influenced by outside sources of contamination such as reagents, test equipment, sample containers, etc.

Homogeneity of Study Materials

The homogeneity of collected and processed study materials was assessed through the calculated RSDs of triplicate total content analyses by either XRFS or EPA Method 3052/ICP-OES. The DQI goals for acceptable homogeneity were that RSD values from XRFS of replicate material subsamples would be less than 10% for major species, 20% for minor species and 50% for trace species. Table 10 shows the overall mean RSD and completeness (i.e., percentage of measured values complying with the RSD goal) as derived from XRFS analysis of total content in each of the three study materials.

The total content values for JaFS and SWA materials used in the validation of Method 1314 and Method 1315, respectively, meet the criteria for homogeneity established in the QAPP. Based solely on the data shown in Table 10, the homogeneity of CFS material would not meet the DQI goals for minor species because the RSD for minor species is greater than 20%. However, the reported RSD value of 47% for minor species is driven by the very high RSD values for XRFS analysis of Cr and Mg, neither of which

are selected analytes in the CFS material for method validation. Removal of the RSD values for Cr and Mg from the evaluation results in a mean RSD of 10% and a completeness of 100% for minor species in CFS. With Cr and Mg removed from CFS homogeneity analysis, all materials were considered to be sufficiently homogenized prior to distribution to the participating laboratories.

Table 10. Homogeneity QA/QC for Total Content Derived from XRFS

Analyte Type	Total Content (mg/kg)	DQI Goal for RSD	Mean RSD		
			SWA	CFS	JaFS
Major Species	≥ 10,000	< 10%	1.1%	7.4%	6.9%
Minor Species	< 10,000 to ≥ 1,000	< 20%	3.6%	47%	10%
Trace Species	< 1,000	< 50%	11%	34%	29%
		Overall Completeness	100%	77%	83%

Since the output of mass transfer based tests is usually normalized to a unit external surface area, variability in the surface area of Method 1315 test specimens that is exposed to the leaching solution is a potential source of test variation. The entire external surface area of the SWA monoliths is exposed to the leaching solution, whereas the exposed surface area for CFS compacted into cylindrical molds is limited to the circular face of the mold after compaction. Specimen dimensions, as measured by each participating laboratory, were used to calculate exposed surface areas as a check that sample-to-sample variations in specimen size was not a significant factor in the outcome of the leaching tests. For the 30 SWA monoliths used in the validation of Method 1315, the mean external surface area was 494.9 cm^2 with a standard deviation of 15.4 cm^2. The mean exposed surface area of the 24 compacted CFS specimens used in the validation of Method 1315 was 83.0 cm^2 with a standard deviation of 3.5 cm^2. The relative standard deviations for these exposed surface areas (i.e., 3.1% for SWA and 4.2% for CFS) were considered to be sufficient to conclude that surface area between test specimens would not be significant source of variation in test results.

Analytical QA/QC

The analytical DQI goals established in the project QAPP and overall results for critical measurements are shown in Table 11. For parameters with more than two replicates (i.e., ICP-OES and ICP-MS analyses, XRFS, and moisture content), analytical precision results are based on the overall mean of replicate RSD values. Completeness was determined as the percentage of valid measurements meeting DQI goals out of the total number of measurements. The precision results for XRFS include only the major species for which the DQI goal in the QAPP was intended. All DQI goals established in the QAPP were achieved on a global basis for analytical values used in the validation study.

Table 11. Data Quality Indicator Goals and Overall Results

Measurement	Method	DQI Goals		Overall Results	
		Precision	Completeness	Precision	Completeness
ICP-OES	EPA Method 6010	±10%	>90%	2%	93%
pH, conductivity	Electrode	±2%	100%	2%	100%
moisture content	ASTM D2216-05	±10%	100%	0.2%	100%
XRFS	EPA SOP 5003.3	±10%	100%	5%	100%

A summary of the QA/QC results for each method, material and analyte is available in Appendix H while detailed information regarding the QA/QC results for each ICP-OES analysis is available in Appendix I.[9] Detailed QA/QC results for ICP-OES chemical analysis of the ten selected analytes used for validation of each method (see Table 7) is presented in Table 12. The data show that while some analytes are more difficult to quantify (e.g., As, Mo, V) than others, data quality for all analytes is consistently better than the DQI goals of less than 10% RSD and greater than 90% completeness.

Table 12. Data Quality Indicators for ICP-OES Analysis of Selected Analytes.

Analyte	Mean RSD	Stdev of Mean RSD	Mean Complete-ness	Max Spike Recovery	Min Spike Recovery	Method 1314 Materials	Method 1315 Materials
Aluminum	3.5%	0.6%	97.5%	112%	87%	CFS, JaFS	CFS, SWA
Antimony	1.3%	0.1%	99.4%	115%	85%	-	CFS, SWA
Arsenic	4.3%	0.6%	96.3%	103%	89%	-	SWA
Barium	1.4%	0.3%	99.9%	111%	83%	CFS, JaFS	CFS, SWA
Boron	2.0%	0.3	99.6%	114%	83%	CFS, JaFS	CFS, SWA
Cadmium	1.2%	0.1%	100%	109%	90%	CFS	CFS
Calcium	1.2%	0.3%	100%	98.5%	82%	CFS, JaFS	CFS, SWA
Chromium	1.6%	0.4%	100%	111%	88.4%	-	SWA
Copper	1.4%	0.3%	99.8%	110%	88%	CFS, JaFS	-
Lead	2.6%	0.4%	98.3%	113%	87%	CFS, JaFS	CFS
Magnesium	1.4%	0.3%	100%	103%	87%	JaFS	-
Manganese	1.5%	0.2%	100%	104%	90%	JaFS	-
Molybdenum	4.3%	0.5%	94.8%	109%	85%	CFS, JaFS	-
Potassium	1.3%	0.2%	100%	115%	83%	-	CFS, SWA
Selenium	3.6%	0.6%	94.1%	112%	85%	-	CFS, SWA
Thallium	1.8%	0.4%	99.5%	109%	96%	CFS	-
Vanadium	4.7%	0.6%	96.3%	108%	86%	-	CFS, SWA
Zinc	1.4%	0.3%	99.5%	103%	86%	CFS, JaFS	-

During analysis of eluate solutions, analytical blanks and continuing calibration check standards (~0.5 mg/L) were monitored after approximately every ten analytical samples. All calibration checks met the acceptance criteria of recovery within 15% of the specified value and analytical blanks were measured at less than the ML. Analytical matrix spikes were checked for three test positions of each set of triplicate eluates and spike recoveries were calculated to range between 80% and 120%. These results are consistent with the goals established in the QAPP and indicate that QA/QC goals for calibration checks, blanks and analytical matrix spikes were met in all cases.

Method Blank Analysis and Data Filtering

Each of the LEAF test methods specifies the collection of method blanks to be used to assess the potential for measurement bias resulting from contamination of reagents and/or equipment used for the test or for

[9] Appendix I contains all of the details of the ICP-OES analysis and QA/QC results for each measured constituent in each provided analytical solution (i.e., filtered and preserved eluate sample). Therefore, due to its size, the appendix is made available electronically by request to the authors, through the link to the document page on the EPA website, or as a download at http://vanderbilt.edu/leaching.

the collection and storage of eluates. The process for determining if any quantifiable method blank concentrations represent a significant impact on the statistical results of this study was developed for the validation of Methods 1313 and 1316 (Garrabrants et al., 2012). The results of method blank analyses for Method 1314 and Method 1315 are summarized in the following paragraphs and available in detail as Appendix D.

Filtering due to Method Blanks

Chemical analysis of Method 1314 method blanks indicated very high concentrations of calcium (~27 mg/L) in JaFS material results for Laboratory 10 (L10). After discussions with the contact lead for L10, the source of the high calcium was determined to be the 1 mM $CaCl_2$ solution used as an eluent for the column test (not initially reported) and not a contamination from reagents or from equipment surfaces. Since there is a known cause of interference for the L10 samples, the effect of high calcium and high chloride concentrations on the leaching of the ten selected analytes for the validation study was evaluated to see if L10 results were candidates for "filtering for cause" (see discussion below). No other method blank concentrations for Method 1314 results were found to be quantifiable. For Method 1315 results, calcium and potassium were quantifiable in the method blanks for both SWA and CFS materials. However, in all cases, method blank concentrations were less than 20% of associated eluate concentrations and, therefore, no data were filtered due to method blank analysis.

Data Filtering for Cause

In addition to filtration due to method blank concentrations, Method 1314 and Method 1315 data were evaluated to determine if filtration based on known causes of errors was necessary. The only identified deviation from the validation study instructions was the aforementioned use of 1 mM $CaCl_2$ solution by L10 as a column eluent for Method 1314 testing of JaFS. While not strictly a procedural mistake since the method does recommend this solution as a potential eluent for high organic matter or high clay content material, the use of 1 mM $CaCl_2$ could result in differences between L10 results and the remaining dataset which might skew the validation study results.

L10 data were compared to the mean and 95% reproducibility limit intervals calculated for a dataset assuming filtration of L10 results to test whether filtering of L10 data would make a difference in the validation test outcome. The comparison showed changes only to the range of eluate concentrations for Al, Ca, and Mg concentration and only at a few high-L/S targets. Since these minor differences were not considered to affect the results of the overall method precision statistics, the L10 results were included in the validation dataset and no data were filtered for cause.

METHOD 1314 RESULTS AND ANALYSIS

Method 1314 is an up-flow column leaching procedure intended to provide analytical samples of eluates as a function of L/S. When combined with one or more analytical techniques, this method can be used to demonstrate changes in liquid-solid partitioning (LSP) under percolation conditions. For each test, the Method 1314 yields recorded information on the evolution of eluate pH from the column and analytical samples for nine eluate fractions collected at increasing L/S.

Evolution of pH from the Column

The evolution of eluate pH for the two Method 1314 validation study materials is shown in Figure 1. In each of the two figure panels, pH results are presented for Method 1314 testing (i.e., "M1314" in legend) of triplicate materials (i.e., replicates A, B, and C) conducted by each of six participating laboratories (i.e., L01, L06, L07, L10, L11 and L14) and for six test replicates conducted by the reference laboratory (i.e., Ref).[10] The panels also show the mean of the collected pH values (red dashed line) and the interval representing one standard deviation above and below the pH mean (solid orange line).

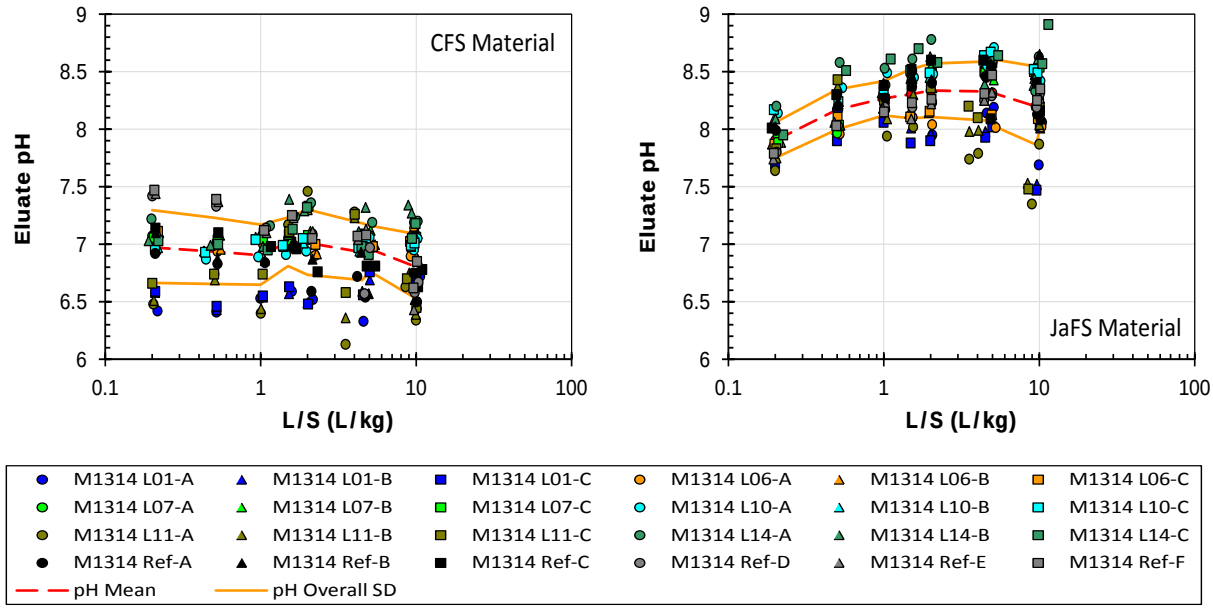

Figure 1. Evolution of eluate pH from Method 1314 testing of validation study materials.

Note: Data shown for CFS contaminated field soil (left) and JaFS brass foundry sand (right). Statistics show mean and one standard deviation interval about the mean of the pH data. Legend labels identify the leaching method (i.e., "M1314" for Method 1314), participating laboratory (e.g., "L01" for Laboratory One) and replicate (i.e., A, B, or C).

Eluate pH in the CFS material remained fairly constant throughout the test with a mean value of approximately 6.9. Much of the laboratory data falls within one standard deviation of the pH mean. The recorded pH data for L01, however, lie entirely below the lower standard deviation bound, indicating the possibility of residual acid from cleaning in eluate collection bottles. The mean value of pH for the JaFS material is slightly higher than CFS material with a mean pH rising from 7.8 to 8.3 over the L/S range of L/S 0.2 to L/S 5 mL/g-dry. In all, most data for JaFS falls within one standard deviation of the mean with L14 just above the upper standard deviation interval and L01, again, at the low end of the interval.

[10] Similar data presentation structure and legend formatting are used throughout the report.

Eluate Concentrations and Cumulative Release

The direct output of conducting the Method 1314 test is the eluate concentration as a function of L/S. For use in environmental applications, the L/S value may be related to leaching time through the use of scenario- or site-specific information (e.g., known fill geometry, rate of percolation or groundwater flow). However, a convenient way to compare leaching at different L/S ratios is to report leaching results on the basis of cumulative mass release (i.e., leached mass of a constituent per unit mass of material; often referred to as either "cumulative release" or just "release"). Concentrations in any eluate fraction of Method 1314 may be converted to express leaching on a mass release basis by multiplying the eluate concentration (mg/L) by the volume of eluate collected (L) and dividing by the mass of material in the column (kg). These interval mass release values can be totaled to calculate the cumulative mass release through a particular L/S value as:

$$Rel_j = \sum_{1}^{j}\left(\frac{C_j \cdot v_j}{m}\right)$$

where Rel_j is the cumulative mass release through the end of test fraction j (mg/kg-dry)

C_j is the concentration in test fraction j (mg/L)

v_j is the volume of eluate collected in test fraction j (L)

m is the dry mass of test material in the column (kg-dry)

For the validation of Method 1314, the statistical analysis of both eluate concentration and cumulative mass release was conducted for each of the two study materials (i.e., CFS and JaFS). Thus, method precision estimates are reported for eluate concentration and cumulative release.

Consistency Check for LSP Data

The eluate concentration data collected for Method 1314 represents the LSP established between the solid material and the eluting liquid as a function of L/S. Thus, it is reasonable to assume that the LSP data for Method 1314 is related to the LSP data collected for eluate concentration in the Method 1313 pH-dependence test. Although not specifically written into the method, a useful check for comparing the LSP data and identifying species under solubility control (aqueous saturated) or highly soluble (aqueous sub-saturation) species in the eluates of the L/S-based test (e.g., Method 1314, Method 1316) is performed by plotting both Method 1314 eluate concentration and cumulative release data from the L/S-based test as a function of pH against analogous results derived from Method 1313. The results are a visual indication of whether or not solubility (i.e., the mineral dissolution at near-equilibrium conditions) in eluate controls the concentration and that mass release (or cumulative mass release) for highly soluble species matches for similar L/S values.

As an example, the Method 1314 results for CFS testing provided by the reference laboratory (black and grey data) are presented in Figure 2 compared to the CFS statistics for Method 1313 (Garrabrants et al., 2012). Each row in the figure shows the comparison of a single analyte in the CFS study material with eluate concentration (left) and cumulative release (right). Method 1313 statistics include the mean of the collected values (red dashed line) and the interval about the mean representing the overall standard deviation interval (orange solid lines). The figure shows characteristic differences between the behavior of highly soluble species (e.g., Na, K, Cl, B) present in solution at less than aqueous saturation and "solubility-controlled" species present in solution at aqueous saturation for the given conditions.

- Highly soluble species tend to exhibit pH-dependent leaching behavior that is a weak function of pH but with a strong influence of the L/S ratio. Soluble constituents show the patterns displayed by boron and thallium leaching from CFS where the eluate concentrations from Method 1314 "cut across" the Method 1313 data curve. This pattern indicates that eluate concentration for these materials is controlled by the quantity of liquid phase present that dilutes the amount available for leaching (i.e., the L/S ratio of the fraction) rather than by equilibrium between the solid phase and a saturated solution (i.e., dissolution of minerals at equilibrium).
- Solubility-controlled species have eluate concentrations from Method 1314 that fall along the pH-dependence curve independent of L/S ratio. Thus, the solid phase (i.e., the solubility of the constituent provided by the dissolution of the solid minerals) controls the concentration through solid-liquid equilibrium with a saturated solution. In Figure 2, this behavior is clearly shown for the eluate concentrations of aluminum and molybdenum in the CFS.

Regardless of whether the constituent is soluble or solubility-controlled, the cumulative release data for Method 1314 start at a value below the pH-dependent release curve at low L/S and increase to a value corresponding to the Method 1313 release at L/S of 10 mL/g-dry which is the extraction L/S for Method 1313 and the end point L/S for Method 1314. These two leaching behaviors are only two examples of the complex liquid-solid leaching chemistry that influences eluate concentrations as observed during the Method 1314 test. Additional factors include changes in pH, the presence of one aqueous species complexing with another species (such as chloride complexing with cadmium or dissolved organic carbon complexing with copper), and adsorption-desorption phenomena. A more extensive comparison of pH dependence testing and column testing can be found in Lopez-Meza et al. (2008).

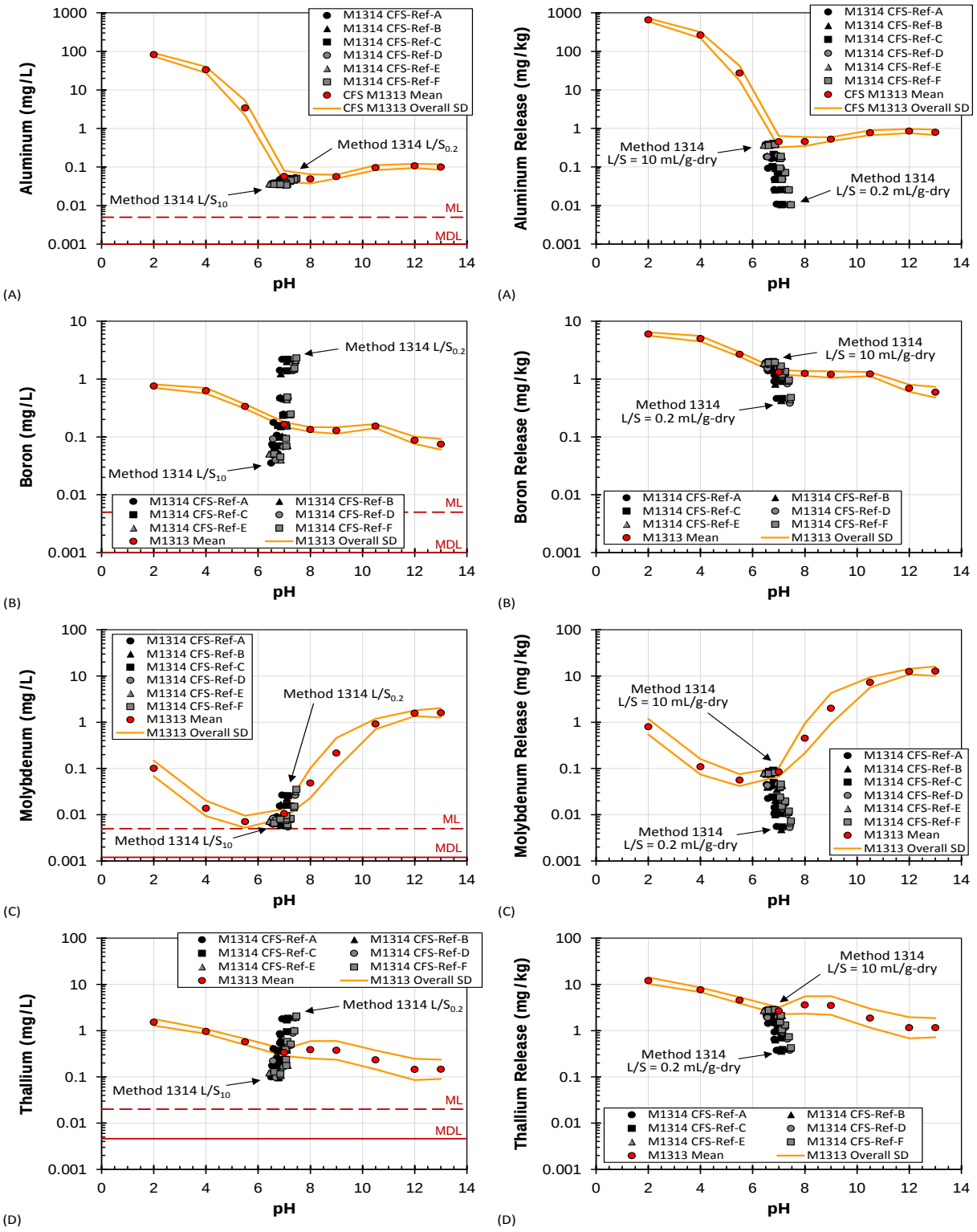

Figure 2. Consistency check between Method 1314 data and LSP statistics from Method 1313.

Note: Eluate concentration (left) and cumulative release (right) from Method 1314 plotted as a function of eluate pH against the mean and overall standard deviation interval for Method 1313 (Garrabrants et al., 2012). Comparisons shown for (A) aluminum in CFS, (B) boron in CFS, (C) molybdenum in CFS and (D) thallium in CFS.

Statistical Analysis of L/S-dependent Leaching

The results of the statistical analysis for each of the ten selected analytes for each material (see Table 7) are presented as six-panel figures using the same data presentation approach as the validation of Method 1313 and Method 1316 (Garrabrants et al., 2012). Figure 3 shows an illustration of the data presentation format for the statistical results for boron eluate concentrations from Method 1314 testing of CFS. The analogous figures for cumulative release of boron, as well as both eluate concentration and cumulative release for the remaining selected analytes, are presented in Appendix E.

Data presentation of statistical analysis includes the following panels:

Panel A – Test output derived from eluate concentrations and test information provided by the participating laboratories.

Panel B – Comparison of the reference laboratory mean (green dots) and the 95% prediction limit (PL; green dashed lines) to the median of all laboratory means (red squares) and the 95% robust confidence limit (RCL; solid red lines). The 95% prediction limits provide the bounds within which 95% of additional test replicates conducted by the reference laboratory would fall. The 95% robust confidence interval represents the bounds within which the mean concentration value from 95% of laboratories would fall.

Panel C – Overlay of the RCLs from Panel B against the interpolated/extrapolated data.

Panel D – Overall data mean (red dots) with standard deviation intervals about the mean associated with "within-laboratory" variance (green short-dashed line), "between-laboratory" variance (blue long-dashed line), and overall variance (solid gold line).

Panel E – The coefficient of variation corresponding to the "within-laboratory" (green short-dashed line), "between-laboratory" (blue long-dashed line) and "overall" (solid gold line) standard deviations as a percentage of the mean analyte concentration. Horizontal grey dashed lines at 20% and 50% RSD are provided for reference.

The unlabeled panel in each figure is a legend indicating color-coding of data by participating laboratory and shape-coding of test replicates. Example panels from this figure and the others in Appendix E are used in the discussion below to illustrate key observations from the Method 1314 validation.

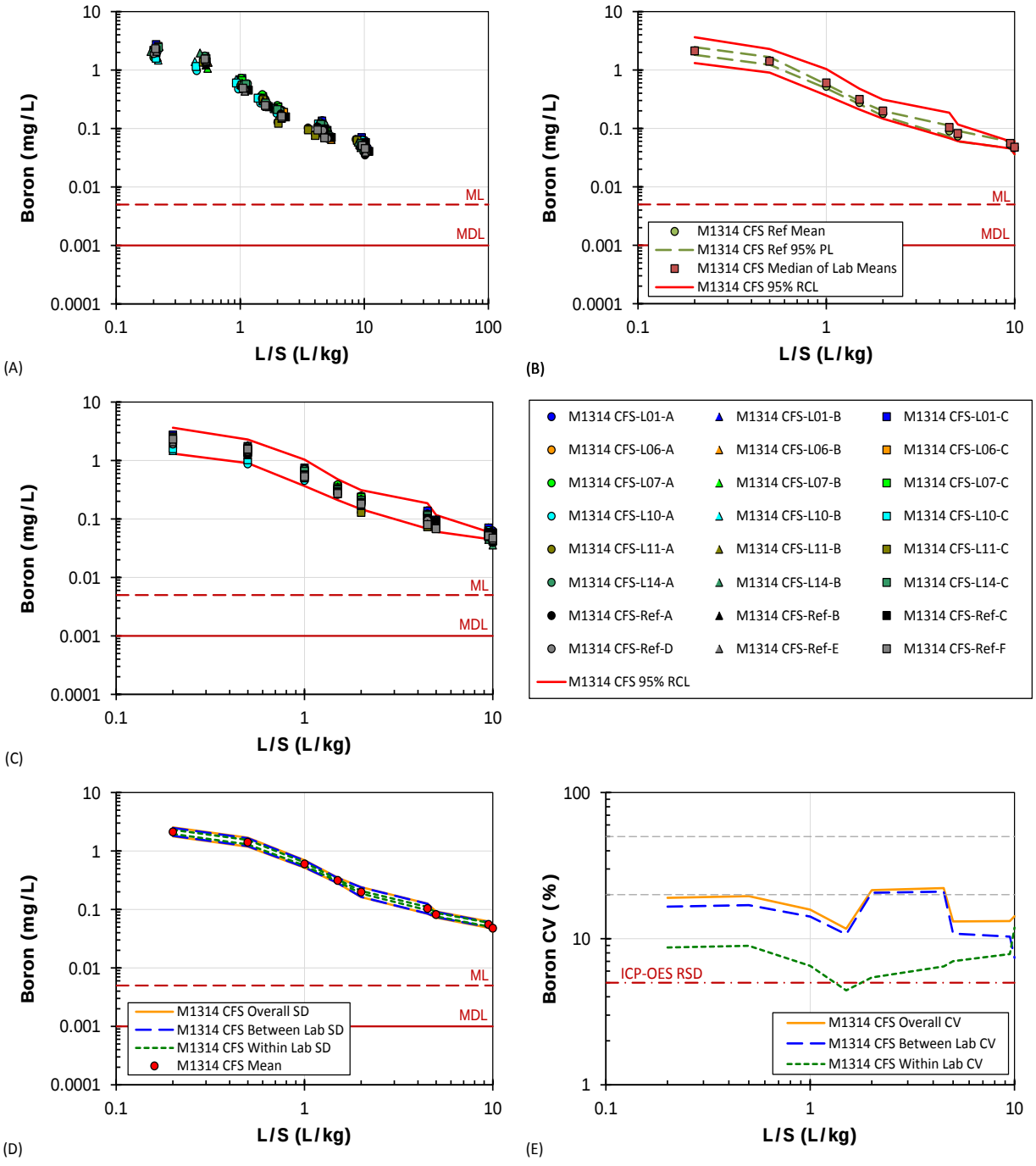

Figure 3. Example Method 1314 data presentation for boron eluate concentration in CFS material.

Note: Figure shows (A) collected data as a function of L/S; (B) reference laboratory mean and prediction limits at 95% significance level (95% PL; green dashed line) compared to the median of laboratory means and median-based robust confidence limits at 95% significance level (95% RCL; red line); (C) interpolated data and 95% RCL intervals; (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty (grey dashed lines indicate 20% and 50% RSD).

Linear Interpolation of log_{10}-Transformed Data

When plotted as a function of L/S (see left side of Figure 4), the data set for the eluate concentrations determined from analytical samples provided from each laboratory contains variance associated with both the eluate concentration (y-axis) and recorded L/S values at each eluate collection interval (x-axis). Although target L/S values and tolerances about these values are specified in the method, the L/S values for the collected data reflect experimental variability because the participating laboratories conducted Method 1314 manually, without the benefit of monitoring and switching equipment capable of precise eluate collection. Thus, the values of L/S for each eluate fraction vary slightly between laboratories and test replicates.

Method 1314 results were interpolated or extrapolated to the target L/S values specified in the leaching procedure so that statistical analysis would reflect variances in eluate concentration (or cumulative release as appropriate) and not include effects due to the variability of collection L/S values. The panels in each row of Figure 4 show the effect of interpolation/extrapolation of log_{10}-transformed eluate concentrations on the validation data sets for boron in CFS and manganese in JaFS. Red vertical dashed lines in each panel indicate the target L/S values specified in Method 1314. The collected eluate concentration data (panel A) show variability in both concentration value (i.e., vertical direction) and in collection L/S (i.e., horizontal direction) while the L/S variation is removed by interpolation/extrapolation of data to target values (panel B).

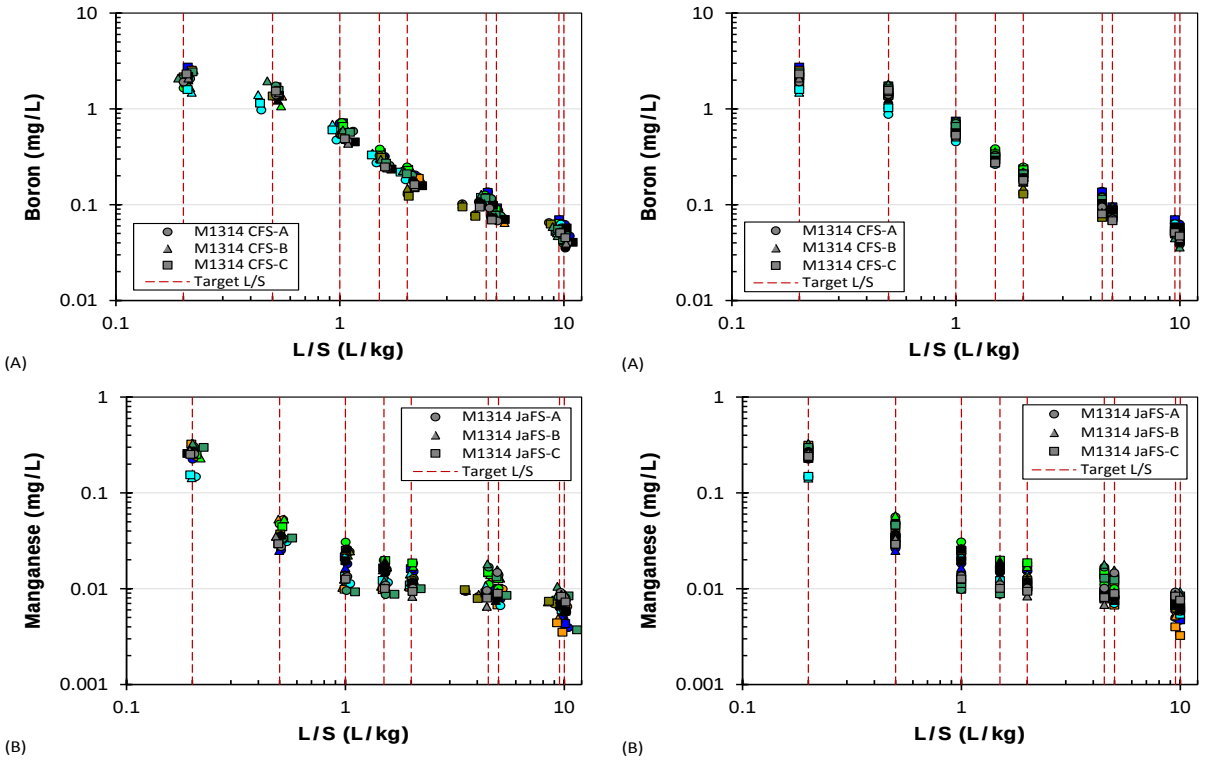

Figure 4. Linear interpolation of log_{10}-transformed eluate concentration data.

Note: Collected eluate concentration data with random L/S variance shown on left and log_{10}-transformed data to interpolated target L/S values on right for (A) boron in CFS material and (B) manganese in JaFS material. Red dashed lines indicate target L/S values.

Comparison of collected and interpolated data for the analytes in Figure 4 shows that there is little change in the eluate concentration over the indicated interpolation/extrapolation interval and that any change in concentration is consistent with the linear trend in the data set as a whole. No interpolated data fall outside the general trend in the data set. Therefore, any minor variability induced by linear interpolation/extrapolation of $\log_{10}$-transformed data will have little bearing on the precision of Method 1314 and is unlikely to influence environmental decisions based on interpolated data significantly.

Prediction Limit and Robust Confidence Limits

A selection of mean-based prediction limits for the reference laboratory data and median-based robust confidence limits for all data is shown for selected analytes in Figure 5 (concentration) and Figure 6 (cumulative release). These graphs cover a limited set of the statistical results for illustrative purposes while the full set of graphs for selected analytes in the two study materials is included in Appendix E.

The 95% prediction limits (95% PL; green dashed line) define the prediction interval about the reference laboratory mean (green dots) within which future replicate measurements made by the reference laboratory are expected to lie with 95% probability. The 95% robust confidence limits (95% RCL; red solid lines) were calculated by setting a 95% confidence interval about the median of laboratory means based on a merged dataset. In general, there was good agreement between the PL and the RCL, which indicates that the reference laboratory data are consistent with the data set as a whole. For many analytes (e.g., boron and lead in Figure 5), PL intervals fall directly within the RCL intervals and the mean of the reference laboratory data is indistinguishable from the median of the laboratory means.

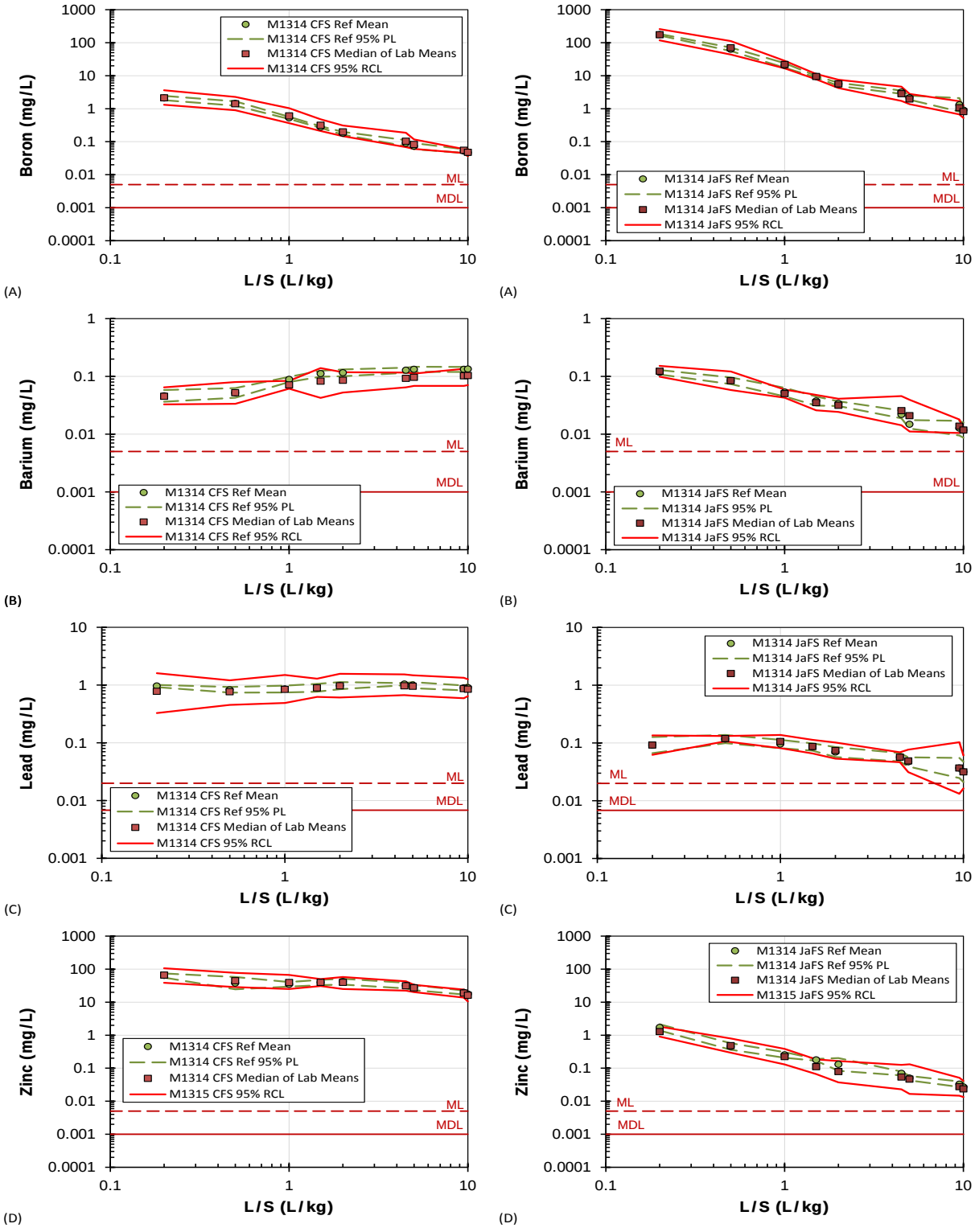

Figure 5. Method 1314 95% prediction limits (95% PL) for eluate concentration from reference laboratory results and 95% robust confidence limits (95% RCL) of all eluate concentrations.

Note: Comparisons for CFS material shown on left and JaFS material shown on right for (A) boron, (B) barium, (C) lead and (D) zinc.

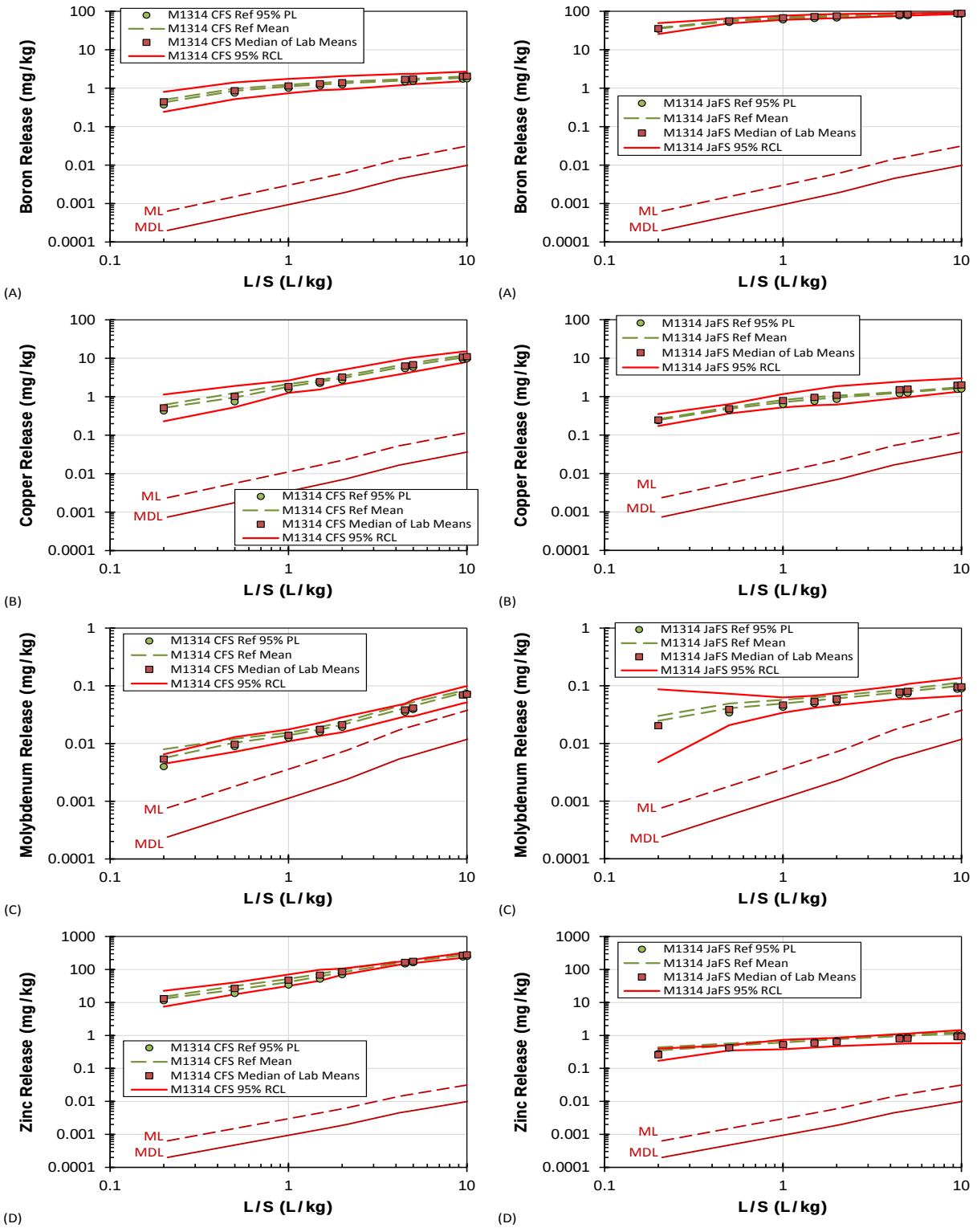

Figure 6. Method 1314 95% prediction limits (PL) for cumulative release from reference laboratory results and 95% robust confidence limits (RCL) of all cumulative release results.

Note: Comparisons shown for CFS material (left) and JaFS material (right) for (A) boron, (B) copper, (C) molybdenum, and (D) zinc.

Standard Deviations Intervals and Coefficients of Variation

The standard deviation intervals about the overall data mean indicate the variance in data: (i) within-laboratory statistics associated with repeatability, (ii) between-laboratory statistics, and (iii) with overall method performance associated with method reproducibility. When compared to the overall coefficient of variation, the coefficients of variation (CVs) for the between-laboratory and within-laboratory standard deviation provide a sense of whether the overall variability (reproducibility) can be attributed to within-laboratory (repeatability) or between laboratory variation components. Figure 7 and Figure 8 show standard deviation above and below the mean value and CVs for selected analytes in three study materials for eluate concentration and cumulative release, respectively.

The within-laboratory standard deviations (repeatability) are generally significantly less than the standard deviations associated with between-laboratory or overall (reproducibility) standard deviations. For eluate concentration, the overall CVs are approximately 10-30% and are relatively constant over the domain of L/S values. The overall CVs for cumulative release in the first test fraction are consistent with the eluate concentration values; however, the cumulative release CVs decrease with increasing L/S to values between 5 and 20% at L/S 10 mL/g-dry.

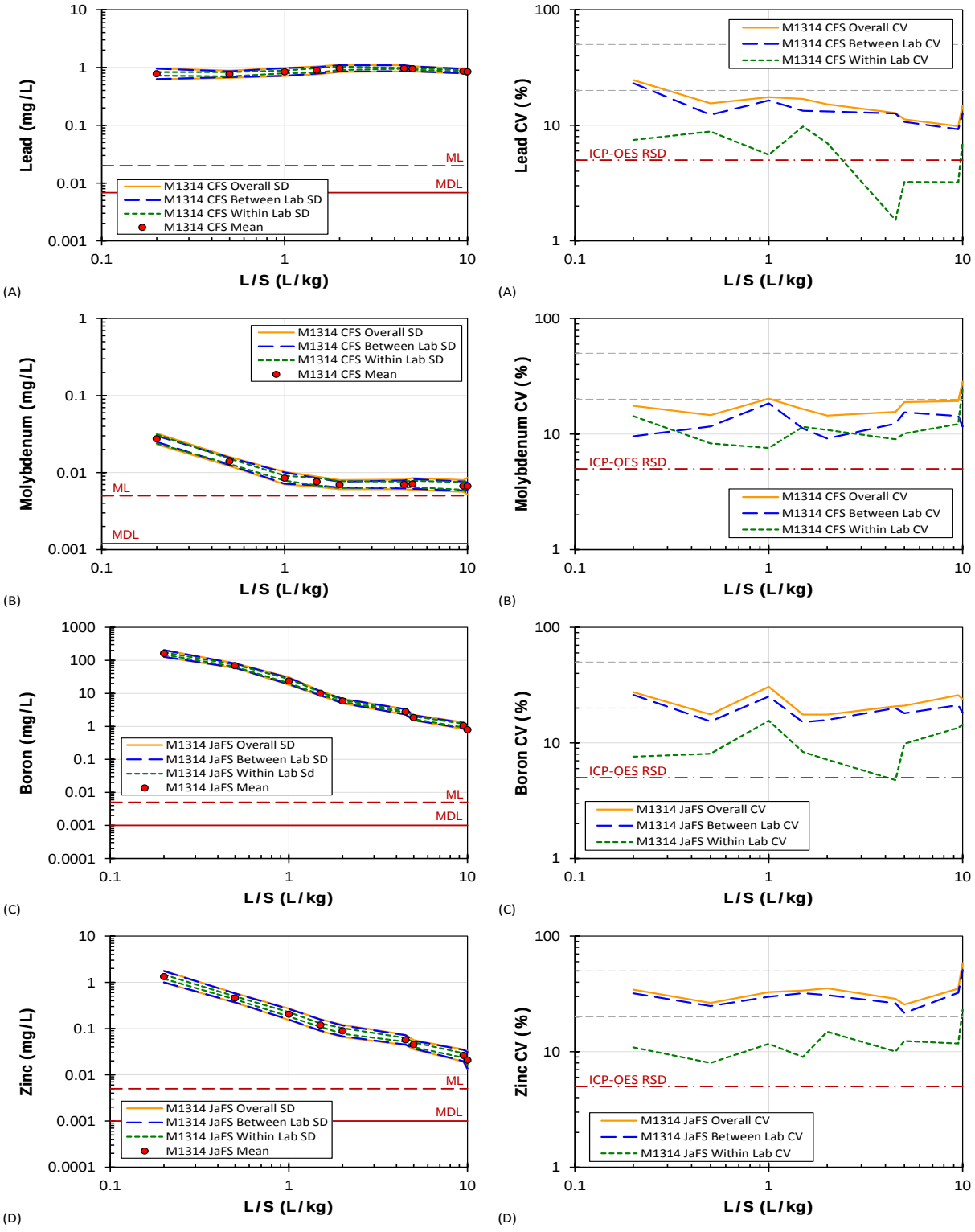

Figure 7. Example of Method 1314 variance component estimates and coefficients of variation for eluate concentration.

Note: Data shown for mean and standard deviation on left and coefficient of variation on right for (A) lead in CFS, (B) molybdenum in CFS, (C) boron in JaFS and (D) zinc in JaFS.

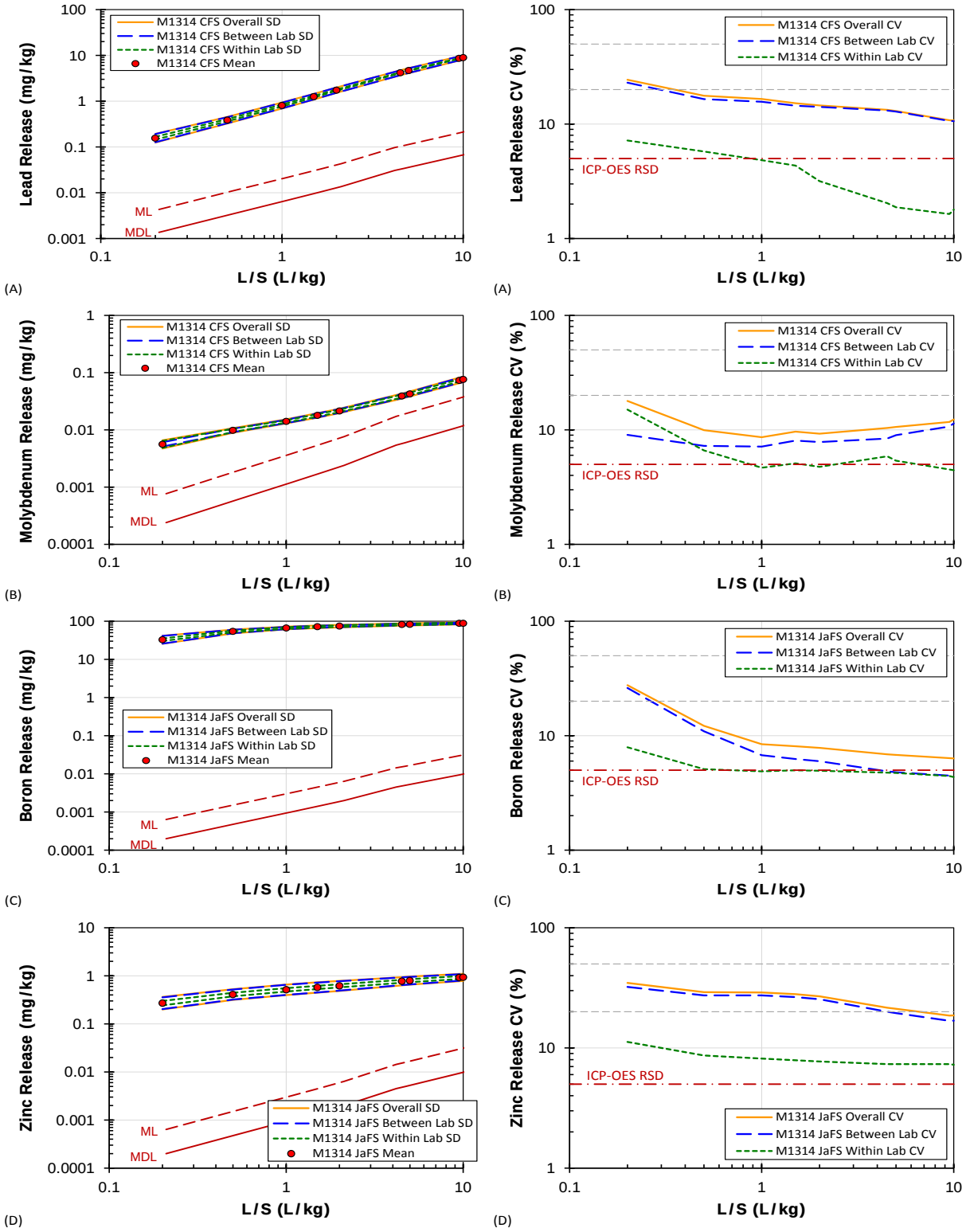

Figure 8. Example of Method 1314 variance component estimates and coefficients of variation for cumulative release.

Note: Data shown for mean and standard deviation on left and coefficient of variation on right for (A) lead in CFS, (B) molybdenum in CFS, (C) boron in JaFS, and (D) zinc in JaFS.

Method 1314 Repeatability and Reproducibility

Graphical representations of the precision statistics, comparing results for the two Method 1314 study materials (i.e., CFS and JaFS), are available in Appendix D for each of the common analytes highlighted in Table 7. Figure 9 presents an example of the precision statistics for barium. In each figure, eluate concentration results are shown in the top row of panels while the results for cumulative release are shown in the bottom row of panels. The left-hand panel illustrates the mean behavior of the result parameter and the overall standard deviation interval of the validation data set. These panels also show the various levels of the mass transport behavior for the study materials as a function of time. In the middle and right-hand panels, respectively, the RSD_r and the RSD_R are plotted at target cumulative times. In the RSD_r and RSD_R figures, grey dashed lines are used facilitate interpretation by indicating the RSD values of 20% and 50%

The repeatability of Method 1314 for barium (Figure 9B) is approximately 3-10% for the majority of the L/S range for both concentration and cumulative release. Eluate concentration shows a slight increase to approximately 20% in the last test fraction at L/S of 10 mL/g-dry. Method reproducibility (Figure 9C) tends to increase as L/S increases with reproducibility reaching 10-20% at L/S of 10 mL/g-dry.

Method 1314 Precision Data

Method precision for eluate concentrations of Method 1314 is shown in terms of relative standard deviations for repeatability (Table 13) and reproducibility (Table 14). Similar data is shown for cumulative flux repeatability and reproducibility in Table 15 and Table 16, respectively. In each of these tables, the RSD_r or RSD_R represents the method precision calculated for each of the selected analytes at each target L/S value.

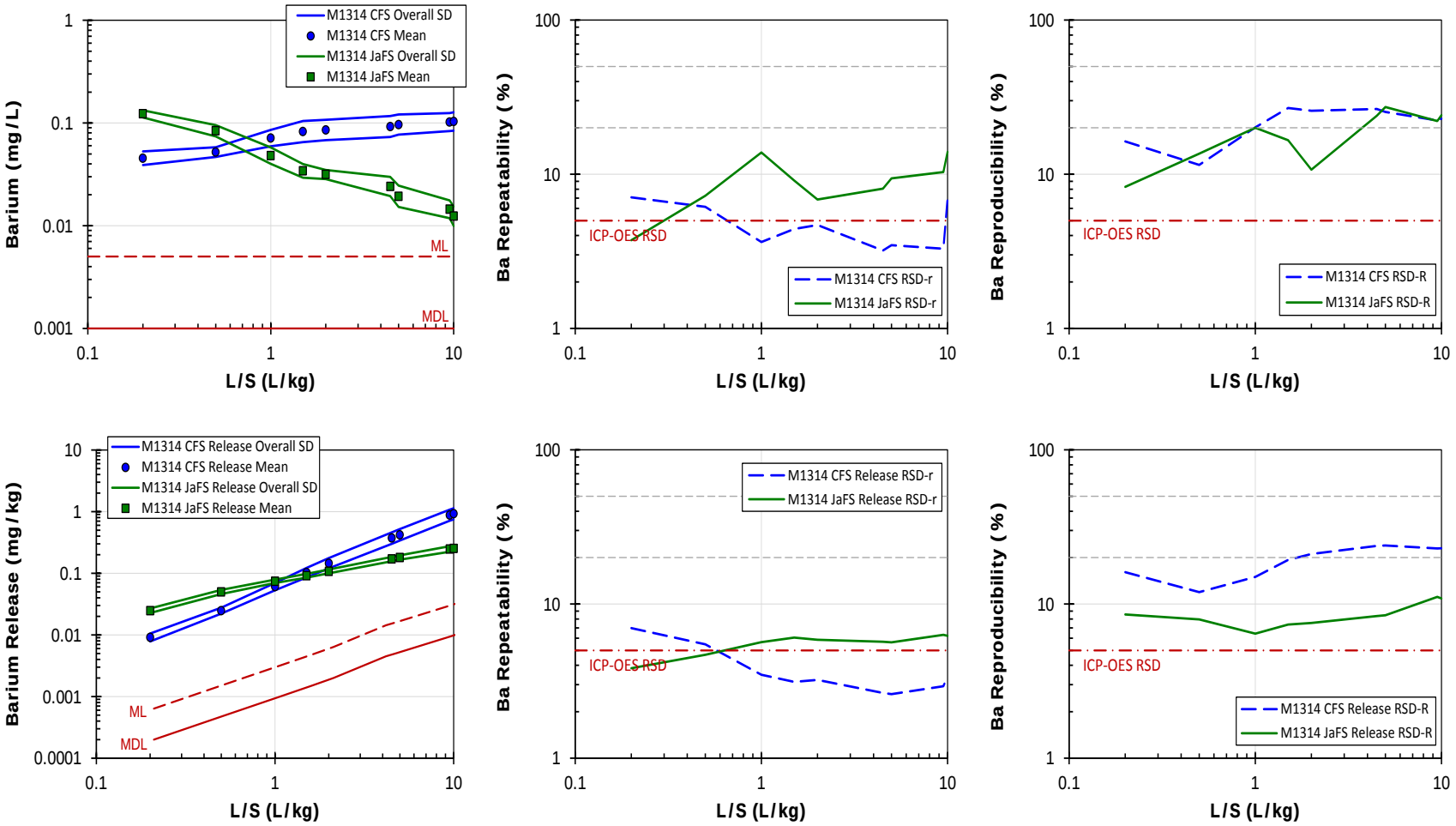

Figure 9. Comparisons of statistical analyses for barium from Method 1314 validation study materials.

Note: Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

Table 13. Method 1314 Eluate Concentration Repeatability (RSD_r) across Study Materials

		RSD_r (%) at Target L/S Value (mL/g-dry)									
CFS – Contaminated Field Soil											
Analyte	**Symbol**	**0.2**	**0.5**	**1.0**	**1.5**	**2.0**	**4.5**	**5.0**	**9.5**	**10.0**	**Med**
Aluminum	Al	11	11	9	18	10	9	8	5	9	**9**
Barium	Ba	7	6	4	4	5	3	3	3	7	**4**
Boron	B	9	9	7	4	5	6	7	8	12	**7**
Calcium	Ca	2	4	5	1	2	1	1	3	7	**2**
Cadmium	Cd	8	10	8	7	5	5	5	7	9	**7**
Copper	Cu	11	15	8	12	12	6	11	5	8	**11**
Molybdenum	Mo	14	8	8	12	11	9	10	12	25	**11**
Lead	Pb	7	9	6	10	7	2	3	3	7	**7**
Thallium	Tl	9	10	7	4	3	5	6	6	10	**6**
Zinc	Zn	8	14	6	6	6	8	7	7	9	**7**
JaFS – Brass Foundry Sand											
Analyte	**Symbol**	**0.2**	**0.5**	**1.0**	**1.5**	**2.0**	**4.5**	**5.0**	**9.5**	**10.0**	**Med**
Antimony	Sb	8	12	14	14	12	7	9	14	13	**12**
Arsenic	As	4	7	14	9	7	8	9	10	14	**9**
Barium	Ba	8	8	16	8	7	5	10	14	14	**8**
Boron	B	9	10	7	8	6	5	5	5	6	**6**
Calcium	Ca	12	9	9	6	7	11	10	7	13	**9**
Chromium	Cr	9	8	11	10	12	9	6	7	8	**9**
Cobalt	Co	10	15	27	19	12	16	20	15	22	**16**
Molybdenum	Mo	9	9	13	7	11	19	16	17	28	**13**
Selenium	Se	11	12	10	11	9	13	9	14	12	**11**
Vanadium	V	11	8	12	9	15	10	12	12	23	**12**

Table 14. Method 1314 Eluate Concentration Reproducibility (RSD_R) across Study Materials

		RSD_R (%) at Target L/S Value (mL/g-dry)									
CFS – Contaminated Field Soil											
Analyte	**Symbol**	**0.2**	**0.5**	**1.0**	**1.5**	**2.0**	**4.5**	**5.0**	**9.5**	**10.0**	**Med**
Aluminum	Al	33	16	14	20	22	16	16	14	17	**16**
Barium	Ba	16	12	20	27	26	26	25	22	23	**23**
Boron	B	19	20	16	12	21	22	13	13	14	**16**
Calcium	Ca	11	13	8	8	8	8	8	8	13	**8**
Cadmium	Cd	21	16	17	14	12	12	8	11	15	**14**
Copper	Cu	38	31	25	26	26	20	17	10	15	**25**
Molybdenum	Mo	18	15	20	16	14	16	19	19	28	**18**
Lead	Pb	25	15	18	17	15	13	11	10	15	**15**
Thallium	Tl	19	14	13	11	8	19	12	13	19	**13**
Zinc	Zn	22	25	21	18	16	15	11	11	16	**16**
JaFS – Brass Foundry Sand											
Analyte	**Symbol**	**0.2**	**0.5**	**1.0**	**1.5**	**2.0**	**4.5**	**5.0**	**9.5**	**10.0**	**Med**
Aluminum	Al	15	20	24	14	12	17	17	30	28	**17**
Barium	Ba	8	14	20	17	11	24	27	22	24	**20**
Boron	B	27	18	31	18	18	21	21	26	24	**21**
Calcium	Ca	21	34	20	21	19	32	36	47	52	**32**
Copper	Cu	31	20	18	18	24	28	30	30	32	**28**
Magnesium	Mg	25	25	28	23	23	32	37	49	53	**28**
Manganese	Mn	28	27	47	32	26	31	29	25	27	**28**
Molybdenum	Mo	36	20	22	9	15	19	20	32	54	**20**
Lead	Pb	16	13	13	13	15	22	25	29	24	**16**
Zinc	Zn	34	26	33	34	35	29	26	35	58	**34**

Table 15. Method 1314 Cumulative Release Repeatability (RSD_r) across Study Materials

		RSD_r (%) at Target L/S Value (mL/g-dry)									
CFS – Contaminated Field Soil											
Analyte	**Symbol**	**0.2**	**0.5**	**1.0**	**1.5**	**2.0**	**4.5**	**5.0**	**9.5**	**10.0**	**Med**
Aluminum	Al	12	10	7	9	9	6	5	4	5	**7**
Barium	Ba	7	5	3	3	3	3	3	3	3	**3**
Boron	B	9	5	4	4	4	3	3	3	3	**4**
Calcium	Ca	2	2	3	2	2	1	1	1	2	**2**
Cadmium	Cd	8	7	6	6	6	4	4	2	2	**6**
Copper	Cu	11	12	9	8	7	6	6	4	4	**7**
Molybdenum	Mo	15	7	5	5	5	6	5	5	4	**5**
Lead	Pb	7	6	5	4	3	2	2	2	2	**3**
Thallium	Tl	10	6	4	4	4	3	3	3	3	**4**
Zinc	Zn	8	9	8	7	6	5	5	4	4	**6**
JaFS – Brass Foundry Sand											
Analyte	**Symbol**	**0.2**	**0.5**	**1.0**	**1.5**	**2.0**	**4.5**	**5.0**	**9.5**	**10.0**	**Med**
Antimony	Sb	8	8	9	8	8	6	6	7	7	**8**
Arsenic	As	4	5	6	6	6	6	6	6	6	**6**
Barium	Ba	8	5	5	5	5	5	5	4	4	**5**
Boron	B	9	7	7	6	6	5	5	4	4	**6**
Calcium	Ca	12	10	8	7	6	5	5	5	5	**6**
Chromium	Cr	9	6	6	6	5	5	5	4	4	**5**
Cobalt	Co	9	7	7	7	7	7	7	7	7	**7**
Molybdenum	Mo	9	6	6	5	5	4	4	5	4	**5**
Selenium	Se	11	9	8	8	8	9	9	10	9	**9**
Vanadium	V	11	9	8	8	8	7	7	7	7	**8**

Table 16. Method 1314 Cumulative Release Reproducibility (RSD_R) across Study Materials

		RSD_R (%) at Target L/S Value (mL/g-dry)									
CFS – Contaminated Field Soil											
Analyte	**Symbol**	**0.2**	**0.5**	**1.0**	**1.5**	**2.0**	**4.5**	**5.0**	**9.5**	**10.0**	**Med**
Aluminum	Al	34	23	18	17	17	15	15	14	14	**17**
Barium	Ba	16	12	15	19	21	24	24	23	23	**21**
Boron	B	20	17	14	13	13	12	12	11	11	**13**
Calcium	Ca	11	12	9	9	9	8	8	8	8	**9**
Cadmium	Cd	22	17	16	15	14	11	11	8	9	**14**
Copper	Cu	38	32	28	26	25	21	20	16	15	**25**
Molybdenum	Mo	18	10	9	10	9	10	11	12	12	**10**
Lead	Pb	24	18	17	15	15	13	13	11	11	**15**
Thallium	Tl	20	14	13	12	11	10	10	10	10	**11**
Zinc	Zn	22	21	21	20	18	15	14	11	11	**18**
JaFS – Brass Foundry Sand											
Analyte	**Symbol**	**0.2**	**0.5**	**1.0**	**1.5**	**2.0**	**4.5**	**5.0**	**9.5**	**10.0**	**Med**
Aluminum	Al	15	12	14	12	11	9	9	12	13	**12**
Barium	Ba	9	8	6	7	8	8	8	11	11	**8**
Boron	B	28	12	8	8	8	7	7	6	6	**8**
Calcium	Ca	21	16	12	9	8	10	10	20	20	**12**
Copper	Cu	31	24	20	19	19	20	20	21	21	**20**
Magnesium	Mg	25	19	14	11	10	9	10	17	17	**14**
Manganese	Mn	28	23	20	19	18	18	17	15	15	**18**
Molybdenum	Mo	36	21	15	14	13	10	10	11	11	**13**
Lead	Pb	16	12	11	10	11	12	12	15	15	**12**
Zinc	Zn	35	29	29	28	27	22	21	19	19	**27**

Overall Method 1314 Precision

There are several possible approaches for summarizing the overall precision of Method 1314 due, in part, to the trends in the RSD_r and RSD_R curves and the fact that both eluate concentration and cumulative release are quantified. The choice of an approach depends on what L/S values are considered important enough to warrant summarizing precision estimates. Note that eluate concentration statistics are fully independent of each other while precision estimates for cumulative release carry some, albeit small, amount of cumulative variance due to the way that mass release from individual eluates is accumulated.

The simplest approach summary is to average the precision estimates at the end of the test. The red boxes in Figure 10 show the location of this summary method on the RSD_R versus cumulative L/S graphs for eluate concentration (left) and cumulative mass release (right). For this scenario, summarizing Method 1314 precision for release makes sense in that it uses the cumulative release at the end of the test (L/S of 10 mL/g-dry) to establish overall method precision. However, the precision for the analogous eluate concentration point is simply the repeatability and reproducibility for one eluate in a series of relatively independent eluates.

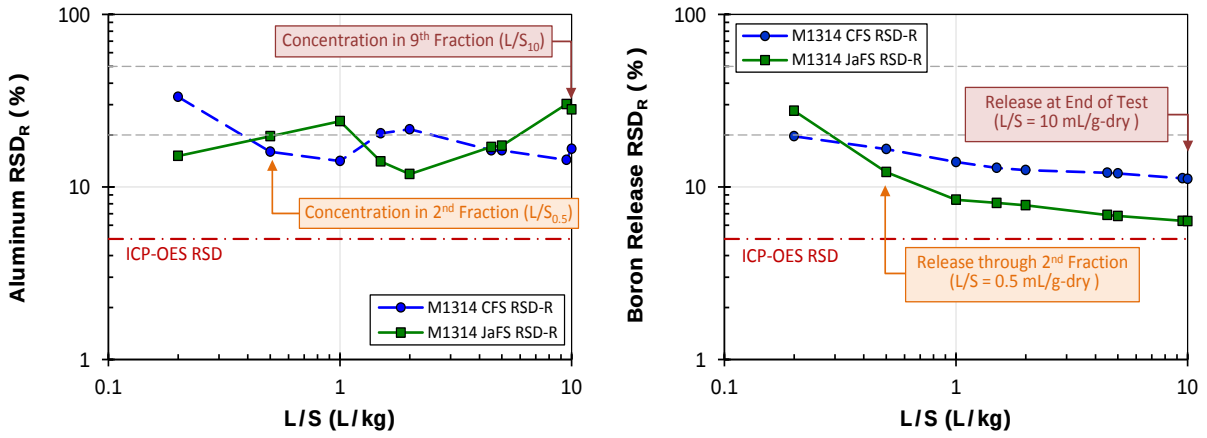

Figure 10. Illustration of scenarios used to summarize precision for Method 1314 eluate concentration (left) and cumulative release (right).

Since Method 1314 data could be used to provide insight into porewater composition or initial field leachate concentrations, an alternative scenario might be to look at precision at low L/S. However, the concentrations and release in the very first eluate in any column procedure are often influenced by the methodology used to wet the column as well as any surface wash-off from material particles, leading to typically greater variability of eluate concentration than the variability seen at higher L/S. Therefore, Method 1314 precision for both eluate concentration and cumulative release was also summarized at the second eluate at a cumulative L/S of 0.5 mL/g-dry as shown in orange in Figure 10.

Altogether, this provides four scenario-based estimates of precision for Method 1314:

#1 Eluate Concentration in 2nd Fraction ($L/S_{0.5}$)
#2 Eluate Concentration in 9th Fraction (L/S_{10})
#3 Cumulative Release at L/S=0.5 mL/g-dry (release at end of 2nd test fraction)

#4 Cumulative Release at L/S=10 mL/g-dry (release at end of 9th test fraction)

RSD_r and RSD_R values were tabulated by analyte and test material as shown for Scenario #1 in Table 17 to summarize precision in each scenario. A similar table for each of the other scenarios may be found in Appendix E. For each material, the mean repeatability and reproducibility are calculated from the precision values of the ten analytes used in the validation study. These material-based means are then averaged to provide a single estimate of method repeatability and reproducibility for the scenario.

Table 17. Method 1314 Precision Estimates for Scenario #1 (Concentration in 2nd Fraction).

		Repeatability		Reproducibility	
Analyte	Symbol	CFS %RSD_r	JaFS %RSD_r	CFS %RSD_R	JaFS %RSD_R
Aluminum	Al	11.1	12.3	16.0	19.7
Barium	Ba	6.2	7.3	11.5	13.6
Boron	B	9.0	8.1	19.6	17.6
Cadmium	Cd	10.0	-	15.8	-
Calcium	Ca	3.8	5.6	13.1	33.7
Copper	Cu	15.0	8.6	31.1	20.3
Magnesium	Mg	-	8.5	-	25.4
Manganese	Mn	-	14.6	-	26.9
Molybdenum	Mo	8.3	9.3	14.6	19.8
Lead	Pb	8.8	11.8	15.5	12.9
Thallium	Tl	9.8	-	14.3	
Zinc	Zn	14.0	8.0	24.7	26.4
	Material Mean	10%	10%	18%	22%
	Overall Mean	**10% Repeatability**		**20% Reproducibility**	

Evaluation of the four summary scenarios indicates that precision values are relatively consistent for eluate concentration (Table 18) and cumulative release (Table 19) with cumulative release having slightly better precision.

Table 18. Method 1314 Precision Summary for Eluate Concentration.

Scenario		Repeatability	Reproducibility
#1	Concentration in 2nd Fraction	10%	20%
#2	Concentration in 9th Fraction	13%	28%
Mean Eluate Concentration Precision		12%	24%

The mean Method 1314 precision for eluate concentration was 12% repeatability and 24% reproducibility while the mean Method 1314 precision for cumulative release was slightly better at 6% repeatability and 16% reproducibility. As a whole, the mean precision estimates for Method 1314 across all analytes, study materials, and summarization scenarios were 9% repeatability and 20% reproducibility.

Table 19. Method 1314 Precision Summary for Cumulative Release

Scenario		Repeatability	Reproducibility
#3	Cumulative Release at L/S=0.5	7%	18%
#4	Cumulative Release at L/S=10	5%	14%
Mean Cumulative Release Precision		6%	16%

Method 1314 Precision Compared to Other Leaching Method Validations

The guidance provided by the EPA (EPA, 1992b) and ASTM (ASTM, 1987) do not provide criteria for acceptable precision; therefore, there is no conclusive basis for determining if the repeatability and reproducibility determined for Method 1314 are acceptable. However, the precision results for Method 1314 may be evaluated in comparison to validation results for accepted and adopted leaching test methods to provide context to the precision estimates from this validation study. Few precision estimates for leaching methods are available in the literature; however, validation results for eluate concentration were reported within the text of the German national column test, DIN 19528 (DIN, 2009). The reproducibility of the current waste classification leaching test in the U.S, TCLP (EPA, 1992a) is also reported with the method text.

DIN 19528 Repeatability and Reproducibility

The validation study for DIN 19528 encompasses a wide variety of waste types (e.g., soils, construction rubble, municipal incinerator ash and steel slag) with up to 30 laboratories participating. Precision results were calculated for inorganic constituents (e.g., As, Cr, Cu, Mo, Ni, Pb, Sb, V, Zn, Cl, F, SO_4) and several polycyclic aromatic hydrocarbons (e.g., naphthalene, anthracene, pyrene, chrysene, benzo(a)pyrene).[16] Only data based on inorganic constituent leaching are used for comparison to Method 1314 tests to allow for comparison to inorganic constituent data in the current LEAF method validation.

TCLP (SW-846 Method 1311) Reproducibility

The TCLP method provided reproducibility data for Cd, Cr, and Pb contained in three study materials (e.g., ammonia lime still bottoms, a mixture of American Petroleum Institute separator sludge and electroplating waste, and fossil fuel fly ash). Each of the three study materials was tested with both the acetic acid and buffered acetic acid extraction fluids specified in the test method. The reported results of interlaboratory validation of TCLP are a mean $\%RSD_R$ of 74% with a range of results from 17-118% (EPA, 1992b).

Comparison of Precision Distributions

The distributions of RSD_r and RSD_R for Method 1314 eluate concentrations for each of the two study materials are presented in Figure 11 in comparison to distributions of precision data reported for DIN 19528 and TCLP. For each distribution, stacked boxes represent the interquartile range (IQR) of the 25th and 75th percentiles with the median shown as the line dividing the boxes. Whiskers indicate the maximum and minimum values obtained for each distribution. For Method 1314 and DIN 19528, precision data are compared at a common L/S value of 1.0 mL/g-dry because the endpoint L/S for DIN 19528 is 4.0 mL/g-dry and the specified collection L/S values for the two column methods differ slightly. For TCLP, only reproducibility data was reported and is shown for eluate concentrations as measured in the single batch extraction. The dashed vertical line is used as a separator between the LEAF tests (left) and the other leaching tests (right).

[16] The list of constituents with reported precision values in DIN 19528 varied by material as not all constituents were present in all tested materials.

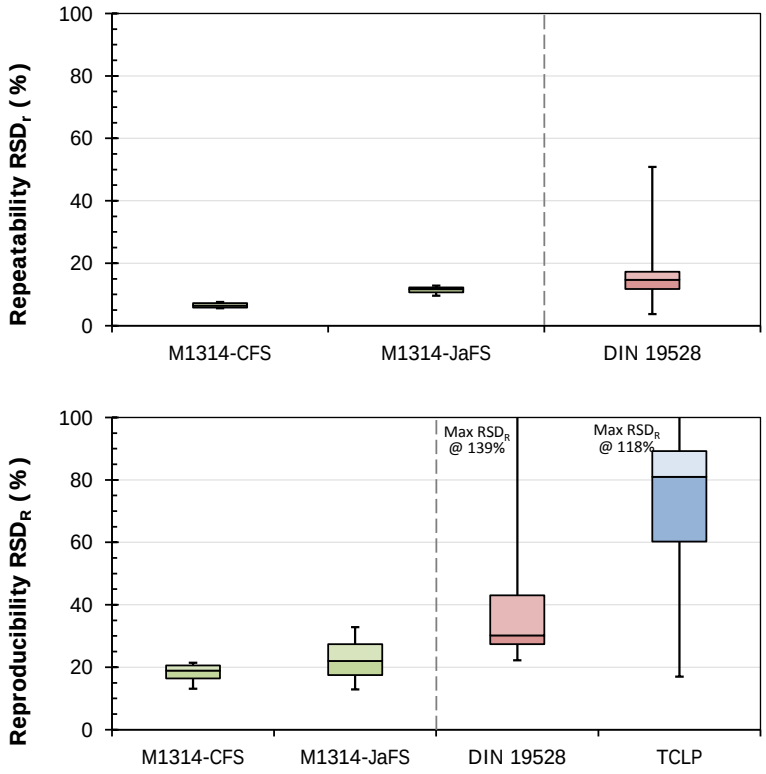

Figure 11. Distribution of Method 1314 repeatability (RSD_r) and reproducibility (RSD_R) by study material compared to precision estimates reported for DIN 19528 and TCLP.

Note: Distribution of precision values for Method 1314 and DIN 19528 provided at a common L/S value of 1 mL/g-dry. TCLP distribution reflects the range of precision determined for the single batch test.

Method 1314 and DIN 19528 are both column percolation leaching tests designed to determine the equilibrium-based leaching as a function of L/S, so it would be expected that the precision estimates for these leaching tests are similar. In contrast, TCLP is an equilibrium-based screening procedure that is operationally different that either of these tests. However, comparisons of precision distributions as shown in Figure 11 are useful to put the current interlaboratory study into context with the precision of accepted and widely used leaching test methods. The distributions shown indicate Method 1314 statistics compare favorably to the precision of accepted and adopted national standards. The IQRs for Method 1314 repeatability are narrower and within or below the IQR of DIN 19528. Reproducibility IQR for CFS is below the precision values for both DIN and TCLP while the IQR for JaFS is consistent with the lower end of the dataset for DIN 19528. For both study materials, the IQR for Method 1314 reproducibility is considerably better than the reproducibility reported for TCLP.

COMPARISON OF METHOD 1314 STATISTICS TO RESULTS OF EU TESTS

In addition to participation in Method 1314 validation, the Energy Research Centre of the Netherland (ECN) conducted parallel testing of validation materials CFS and JaFS using an analogous percolation column test method designated as a technical specification (TS)[17] of the Comité Européen de Normalisation (CEN). Although initially designed to test waste materials, the approach of these methods has been adapted under the International Standards Organization (ISO) program for soils and soil-like materials (ISO/TS 21267, 2007).

The CEN/TS 14405 procedure is similar in intent and procedure to Method 1314 with minor differences in the number of eluates collected and, hence, the prescribed L/S values. CEN/TS 14405 allows for collection of an eluate at L/S 0.1 mL/g-dry not specified in Method 1314 due to limitations of eluate volume at this low L/S. In addition, while Method 1314 specifies a flow rate based on L/S passing through the column (dependent on the mass of solid in the column) while CEN/TS 14405 specifies flow rate in terms eluate volume per time (independent of the solid mass).

Description of CEN/TS 14405 Procedure

The CEN/TS 14405 method determines the release of constituents from granular material packed into a column with a leachant percolating through the column packing. The test conditions, including the flow rate of the leachant, enable conclusions to be drawn from the results as to which components are rapidly washed out and which components are released under the influence of interaction with the matrix.

Test material, with or without particle size reduction, is packed into either a 5-cm or a 10-cm diameter plastic or glass column that is 30-cm long. Packing is achieved in a standardized manner with a plastic rammer. Demineralized water leachant is percolated in up-flow through the column at a specified flow rate of 12 mL/h for a 5-cm diameter column or 48 mL/h for a 10-cm diameter column. The eluate is collected at seven fixed values of cumulative liquid-to-solid ratio or L/S (i.e., 0.1, 0.2, 0.5, 1.0, 2.0, 5.0 and 10.0 mL/g-dry). Each eluate is characterized physically and chemically for pH, conductivity and concentrations of constituents of interest according to existing standard methods. In the test procedure, equilibrium conditions at the outlet of the column are verified after an initial equilibration period by measuring a pH deviation between a small amount of eluate (~15 mL) and the first test fraction at L/S 0.1 mL/g-dry. The results of the test are expressed as a function of L/S, in terms of both eluate concentration (mg/L) and cumulative mass release (mg/kg-dry).

Comparison of EU Test Results to Method 1314 Statistics

In order to illustrate the comparability between LEAF Method 1314 and CEN/TS 14405, the results of triplicate testing of CFS and JaFS using CEN/TS 14405 were plotted against the reproducibility limit interval about the mean of the LEAF validation data. The reproducibility limit interval forms a band of data within which results gathered under reproducibility conditions (e.g., same material tested with the

[17] The "technical specification" or "TS" designation within CEN denotes a method that has resulted from a multi-national consensus process and has been approved by a CEN technical committee, but has not yet completed interlaboratory validation studies. Once method precision has been established, the method will require public comment and consensus approval by CEN members to be designated as a full European standard (EN). Although the TS designation does not carry the status of an EN, TS methods may be adopted as national standards and written into regulation.

same method conducted by different operator using different equipment) may be considered to be statistically equivalent. The assumption in this comparison is that CEN/TS 14405 and Method 1314 are sufficiently similar that a sample tested using both methods yields similar results.

Figure 12 and Figure 13 show the comparison of CEN/TS 14405 cumulative release data to Method 1314 statistics values for eluate pH and a selection of analytes. In each figure, release from CFS is presented in the panels on the left while release from JaFS is shown in the panels on the right. Similar comparisons between LEAF and CEN results for a wide suite of analytes, including those not used in the validation, are presented in Appendix G.

In general, there is excellent agreement between the L/S-dependent cumulative release from CEN/TS 14405 and the Method 1314 reproducibility limit intervals for most analytes in the two study materials. Only CEN/TS 14405 data for barium and lead release from the brass foundry sand (JaFS) does not directly fall within the Method 1314 reproducibility limit intervals. Since these comparisons are based on cumulative release, a significant deviation in the concentration of the first test fraction (e.g., due to wash-off or minor pH changes) does not affect the overall agreement for cumulative release. Based on these data, the results derived from LEAF Method 1314 and the CEN/TS 14405 methods are consistent.

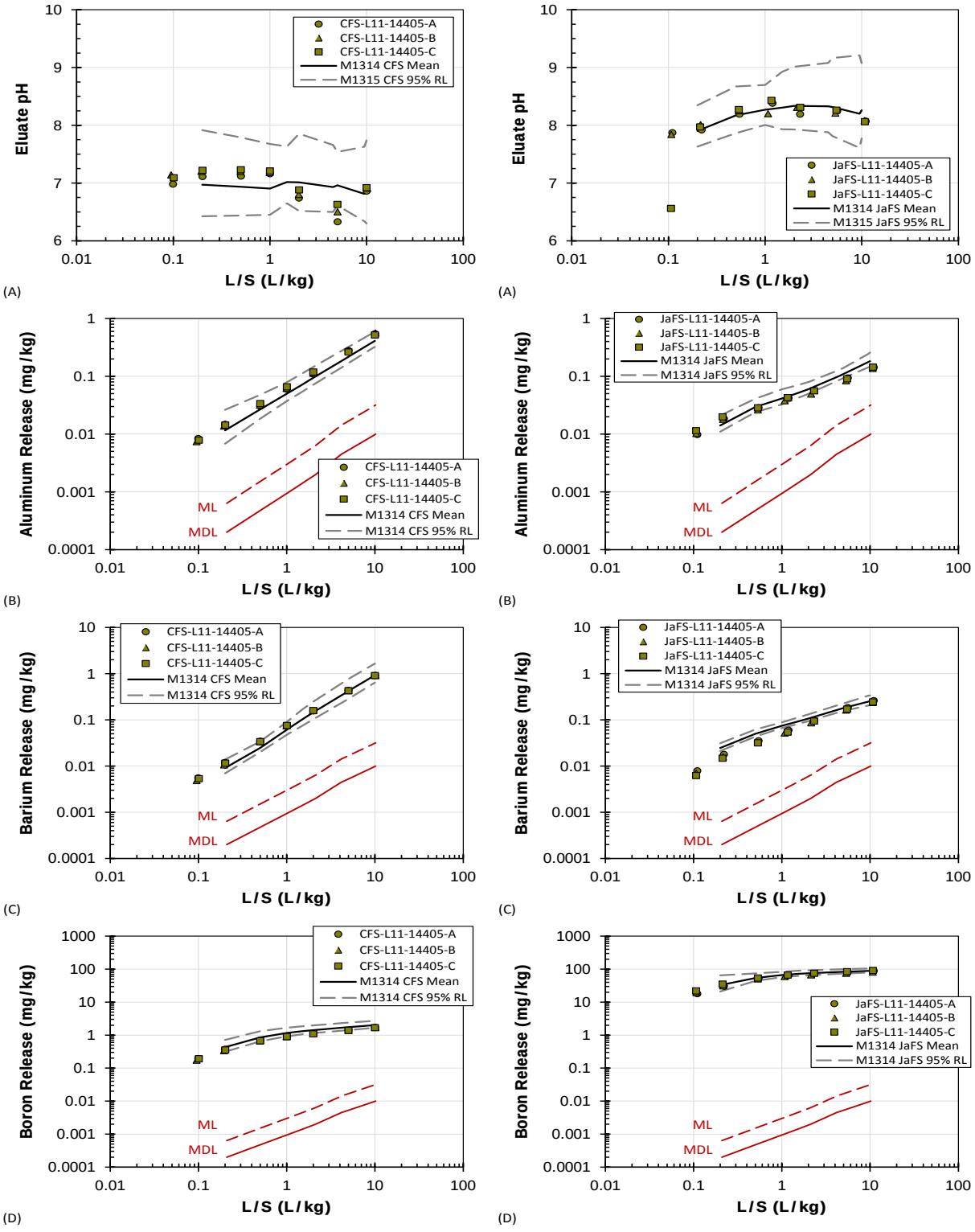

Figure 12. CEN/TS 14405 cumulative release compared to the Method 1314 statistics.

Note: Method 1314 statistics include the mean of the validation data and the reproducibility limit at the 95% significance level (95% RCL). Comparisons shown with CFS material on the left and JaFS material on the right for (A) eluate pH, (B) aluminum, (C) barium and (D) boron.

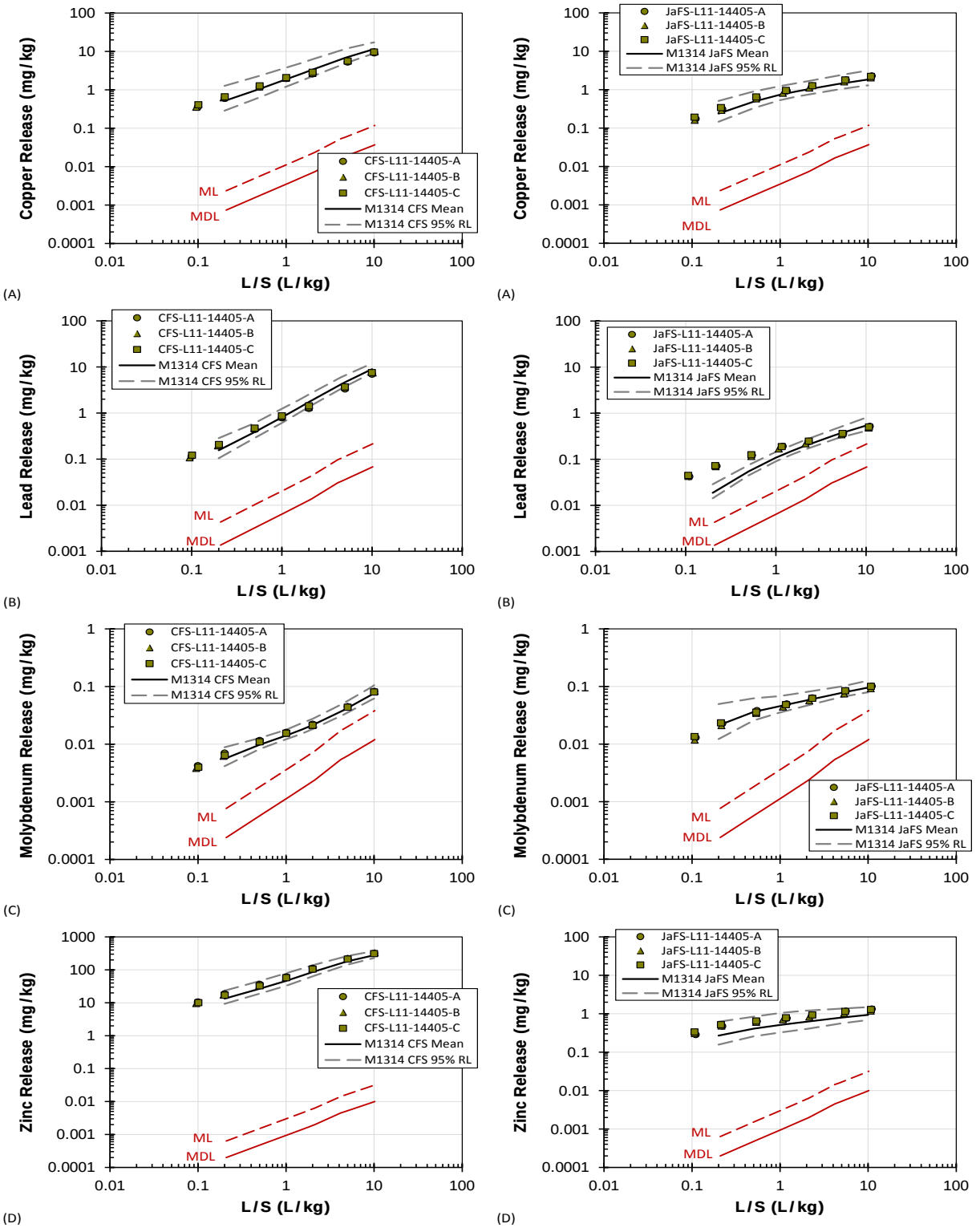

Figure 13. CEN/TS 14405 cumulative release compared to the Method 1314 statistics.

Note: Method 1314 statistics include the mean of the validation data and the reproducibility limit at the 95% significance level (95% RCL). Comparisons shown with CFS material on the left and JaFS material on the right for (A) copper, (B) lead, (C) molybdenum and (D) zinc.

METHOD 1315 RESULTS AND ANALYSIS

Method 1315 is a semi-dynamic tank leaching test in which a single monolithic or compacted granular sample is exposed to deionized water over a series of nine steps that follow a prescribed schedule of leaching interval durations. The eluate concentrations from each interval may be used individually to determine the mean interval flux (i.e., the mass of a constituent passing through a unit exposed surface area) or combined to calculate the cumulative constituent released (i.e., the total mass of a constituent released per unit exposed surface area). In addition, the pH measured for each leaching interval provides an assessment of the evolution of eluate pH from the material as a function of leaching time.

Evolution of pH in Eluate from the Monolith and Compacted Granular Material

Figure 14 shows the evolution of pH in tank leaching eluates based on data recorded into the Method 1315 data template by the participating and reference laboratories. The data in each panel represents pH evolution for six test replicates conducted by the reference laboratory (i.e., Ref) and triplicate tests conducted by each participating laboratory. For the SWA material (left), eight participating laboratories (i.e., L01, L04, L05, L06, L07, L09, L10 and L11) provided eluates while seven participating laboratories (i.e., L01, L04, L05, L06, L07, L10 and L11) provided eluates for the CFS material (right). The eluate pH values recorded by the validation laboratories are compared to the overall mean of all pH data (dashed red line) and the interval representing one standard deviation above and below the pH mean (solid orange line).

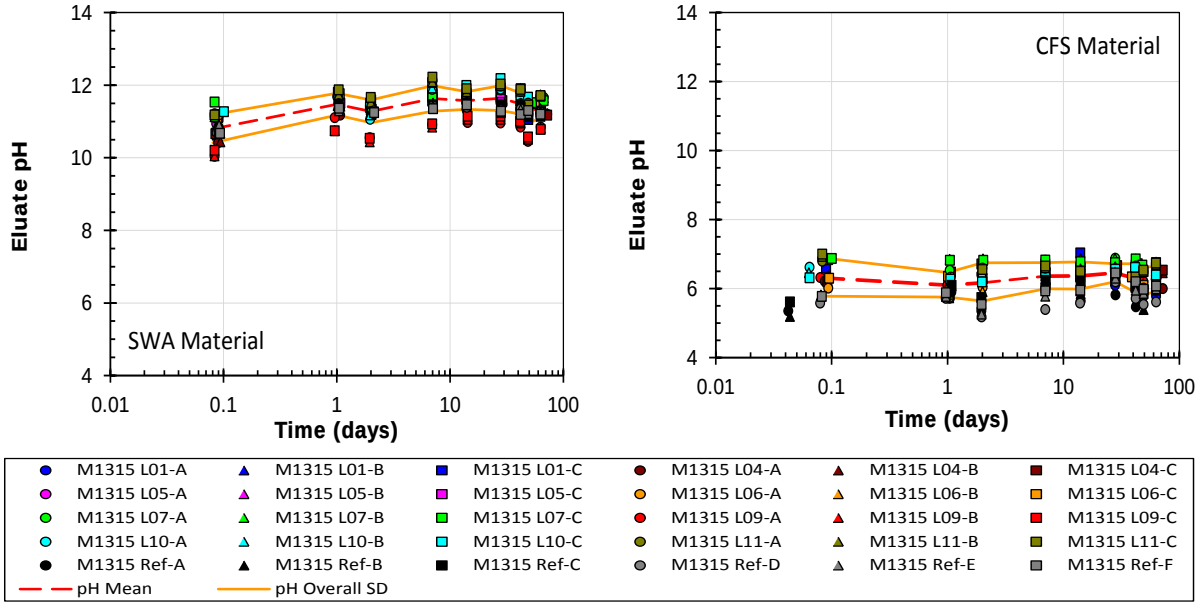

Figure 14. pH evolution in Method 1315.

Note: Data shown for monolithic SWA solidified waste analog (left) and compacted granular contaminated field soil (right). Statistics show mean and one standard deviation interval about the mean of the pH data.

The pH evolution is relatively constant across the time domain for both materials with the pH values representing the dissolution and transport of alkaline constituents from SWA and near neutral constituents

from CFS. The mean value of pH for SWA material ranges from 10.8 to 11.5 while the mean pH for the CFS material is approximately 6.5. The high pH evolution for SWA is due to the dissolution of alkaline minerals formed during hydration and curing of the cementitious components of the SWA material.

Collected Eluate Concentration Data

While conducting Method 1315, the constituent concentrations in the test eluates are measured as a preliminary step in determining the rates of mass transfer. Eluate concentrations from Method 1315 are not typically recommended as the metric for use in environmental assessments but rather are an intermediate measurement for calculation of more useful parameters. Therefore, eluate concentration was not used as the evaluation basis in the statistical analysis and validation of Method 1315. However, the concentrations of selected analytes measured by ICP-OES at VU are available in Appendix F as part of the documentation for this validation study. In Figure 15 and Figure 16, eluate concentrations are presented for a selected set of analytes for SWA and CFS, respectively.

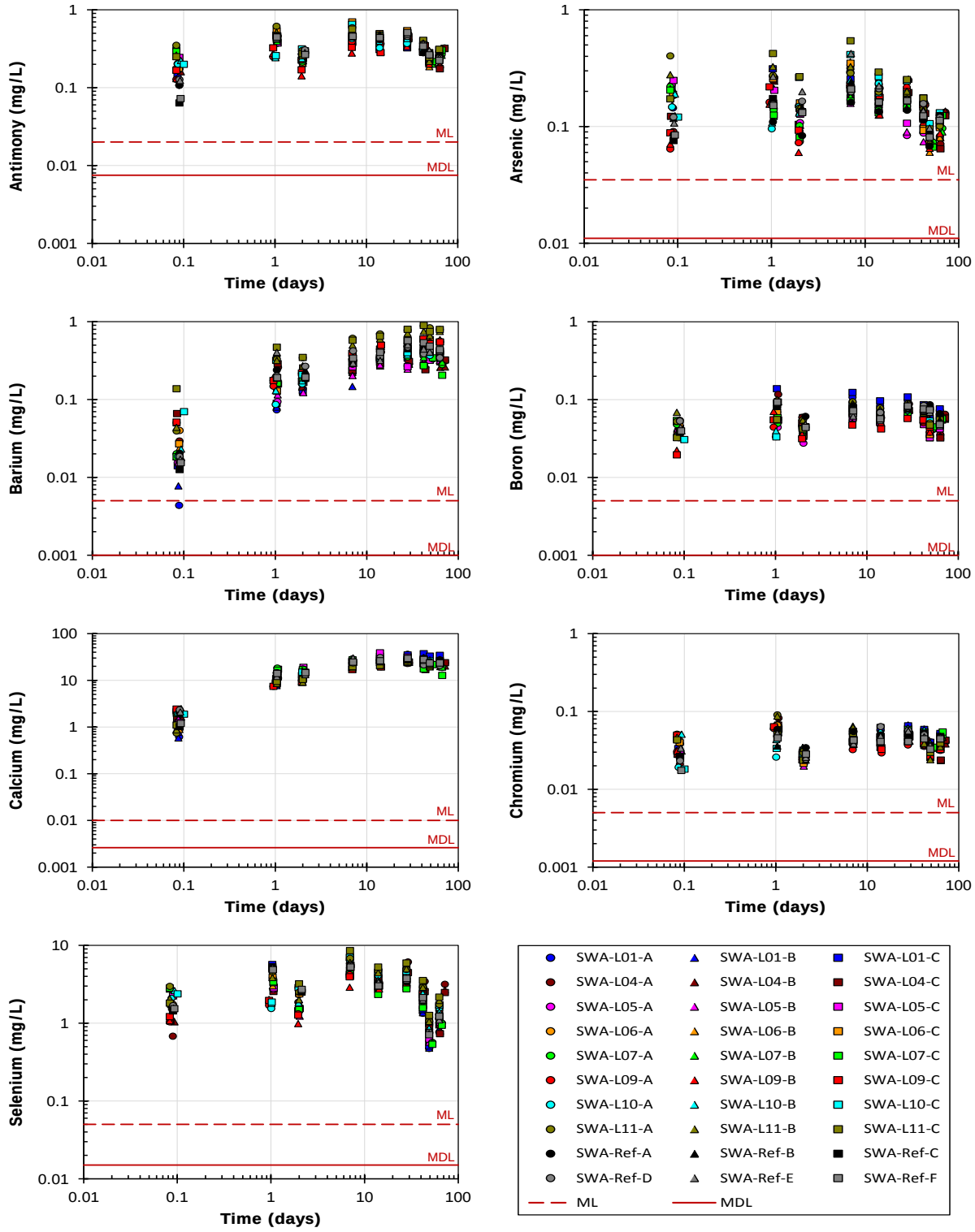

Figure 15. Example collected eluate concentration results from Method 1315 testing of SWA material.

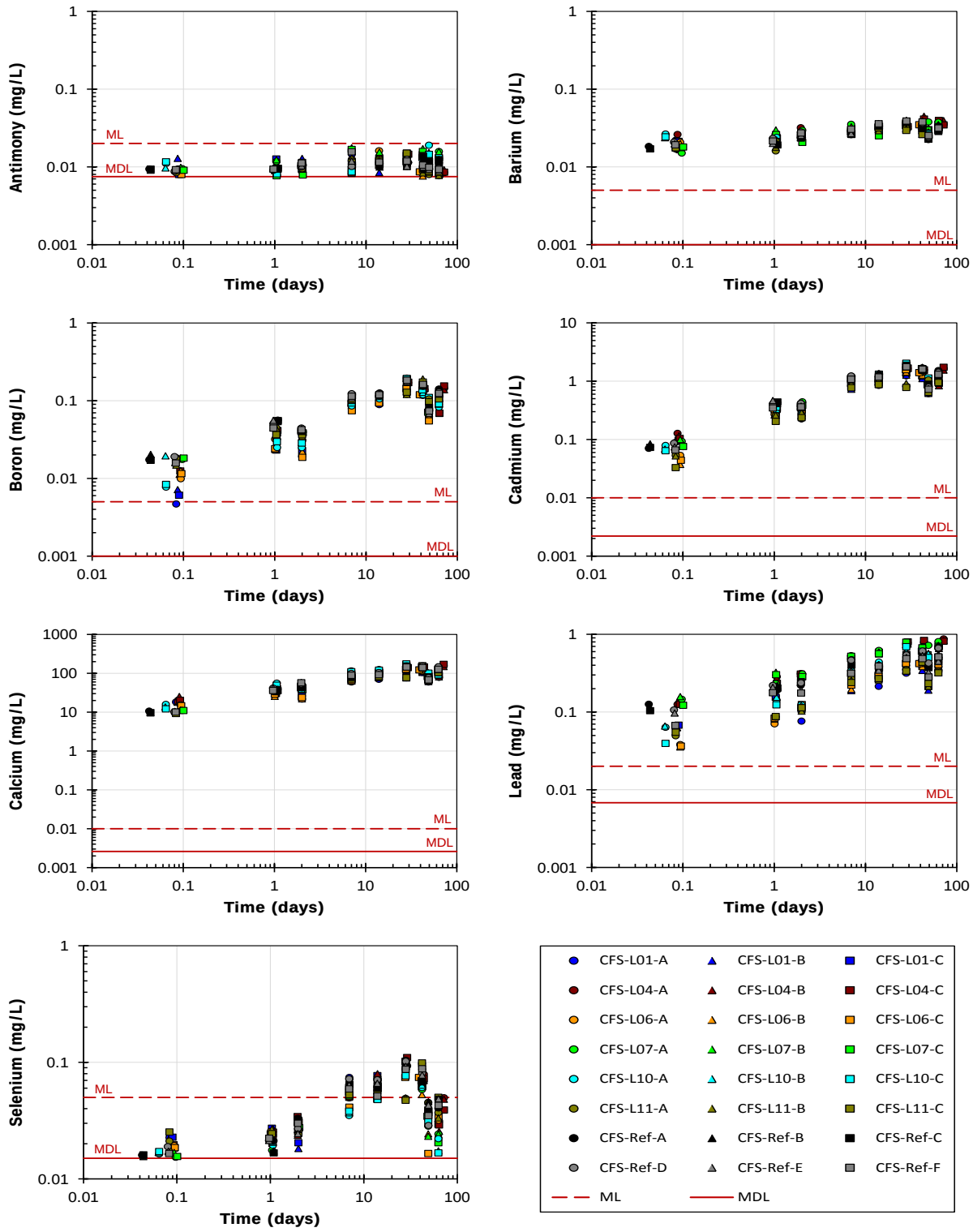

Figure 16. Example collected eluate concentration results from Method 1315 testing of CFS material.

Consistency Check for Saturated Eluates

Results from monolith mass transfer leaching tests, such as Method 1315, are often used to calculate apparent diffusivities for the release of individual constituents, assuming simple Fickian diffusion from an infinite solid into an infinite bath maintaining a dilute solution (Crank, 1975). For the infinite bath assumptions implied in this calculation to be valid, the eluate concentration must remain dilute relative to aqueous saturation. The dilute solution assumption for individual constituents in each eluate can be verified by plotting the concentrations of individual constituents in eluates from Method 1315 in conjunction with the results from Method 1313 (pH dependent leaching) as shown in Figure 17. If the Method 1315 eluate concentrations are substantially lower than the Method 1313 eluate concentrations measured at the same end-point pH (e.g., less than ca. 50% of the Method 1313 value), then the dilute solution assumption is considered valid. For the cases displayed in Figure 17, the dilute solution assumption would be considered valid for all eluates from Method 1315 except for a few eluates associated with boron and selenium for the CFS sample.

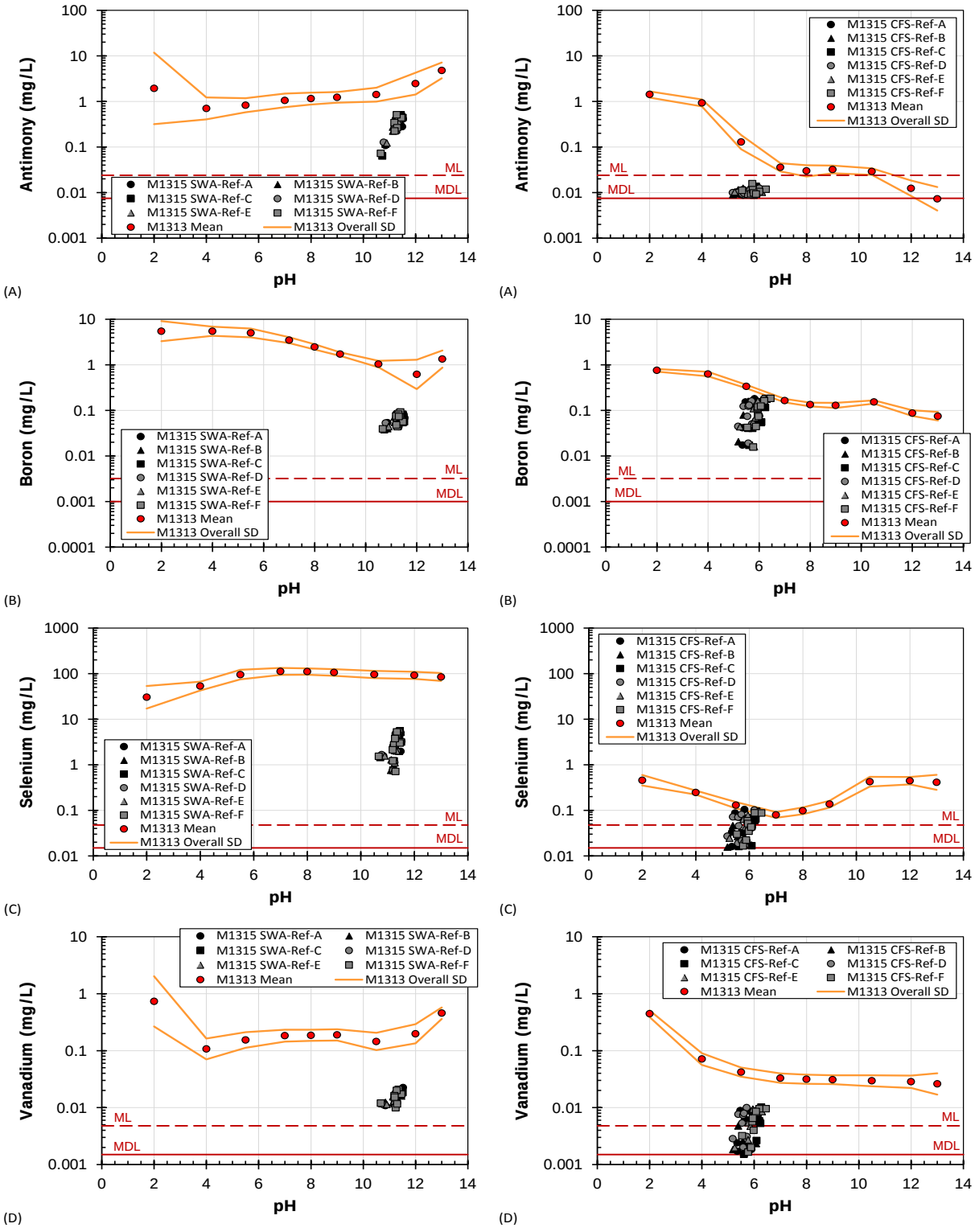

Figure 17. Consistency check between M1315 eluate concentrations and M1313 statistics.

Note: M1313 mean and standard deviation interval derived from validation of M1313 (Garrabrants et al., 2012). Comparisons shown for SWA material on left and CFS material on right for (A) antimony, (B) boron, (C) selenium and (D) vanadium.

Interval Flux and Cumulative Release

Using the measured eluate concentrations, the mean interval flux and cumulative mass release are derived from test parameters such as eluate volume, interval duration and sample surface area. Mean interval flux represents the average mass released across a unit exposed surface area during a particular leaching interval. Mean interval flux is calculated from collected and measured test information as:

$$F_j = \frac{C_j \cdot v_j}{A_s \cdot \left(t_j - t_{j-1}\right)}$$

where F_j is the mean interval flux over test fraction j (mg/m^2 s)

C_j is the concentration in test fraction j (mg/L)

v_j is the volume of eluate collected in test fraction j(L)

A_s is the surface area of the test specimen exposed to eluent (m^2)

τ_j is the cumulative time at the end of test fraction j (s)

τ_{j-1} is the cumulative time at the end of test fraction j-1 (s)

The total mass released across a unit exposed surface area from the beginning of the test through the end of a particular leaching interval j is the cumulative release through leaching interval j. Cumulative release is essentially the integration of the interval flux curve as a function of cumulative leaching time but is often calculated directly from collected and measured test information as:

$$Rel_j = \sum_{1}^{j} \frac{C_j \cdot v_j}{A_s}$$

where Rel_j is the cumulative release through the end of test fraction j (mg/m^2)

C_j is the concentration in test fraction j (mg/L)

v_j is the volume of eluate collected in test fraction j (L)

A_s is the surface area of the test specimen exposed to eluent (m^2)

For this validation study, the mean interval flux and cumulative release were calculated within LeachXS using the eluate concentrations measured at VU and the test information for each set of test results provided by the participating reference laboratories. These test outputs were used in the statistical analysis of selected analytes (Table 7) to estimate precision for Method 1315 testing of SWA and CFS.

Statistical Analysis of Method 1315 Output

For the validation of Method 1315, the results of statistical analysis for the two study materials (i.e., SWA and CFS) are presented as six-panel figures in Appendix F. Statistical analysis was conducted separately for mean interval flux and cumulative release. Each six-panel figure shows the results of statistical analysis for a single analyte in a material (e.g., antimony in SWA, calcium in CFS) in the same manner used to present data for Method 1314.

Figure 18 shows an illustration of the six-panel data presentation as the statistical result for the mean interval flux of antimony from Method 1315 testing of SWA study material. An analogous figure is presented in Appendix F for antimony cumulative release from SWA. Data presentation of statistical analysis includes the following panels:

Panel A – Test output data derived from measured eluate concentrations and test information provided by the participating laboratories.

Panel B – Comparison of the reference laboratory mean (green dots) and the 95% prediction limit (PL; green dashed lines) to median of all laboratory means (red squares) and the 95% robust confidence limit (RCL; red solid lines). The 95% prediction limits provide the bounds within which 95% of additional test replicates conducted by the reference laboratory would fall. The 95% robust confidence interval represents that bounds within which the mean concentration value from 95% of laboratories would fall.

Panel C – Overlay of the RCLs from Panel B against the interpolated/extrapolated data.

Panel D – Overall data mean (red dots) with standard deviations intervals about the mean associated with "within-laboratory" variance (green short-dashed line), "between-laboratory" variance (blue long-dashed line), and overall variance (gold solid line).

Panel E – The coefficient of variation corresponding to the "within-laboratory" (green short-dashed line), "between-laboratory" (blue long-dashed line) and "overall" (gold solid line) standard deviations as a percentage of the mean analyte concentration.

The sixth panel of each figure is a legend indicating color-coding by participating laboratory and shape-coding for test replicates applied to the collected (Panel A) and interpolated/extrapolated data (Panel C). In the discussion below, example panels from the figures in Appendix F are selected to illustrate key observations of the Method 1315 validation.

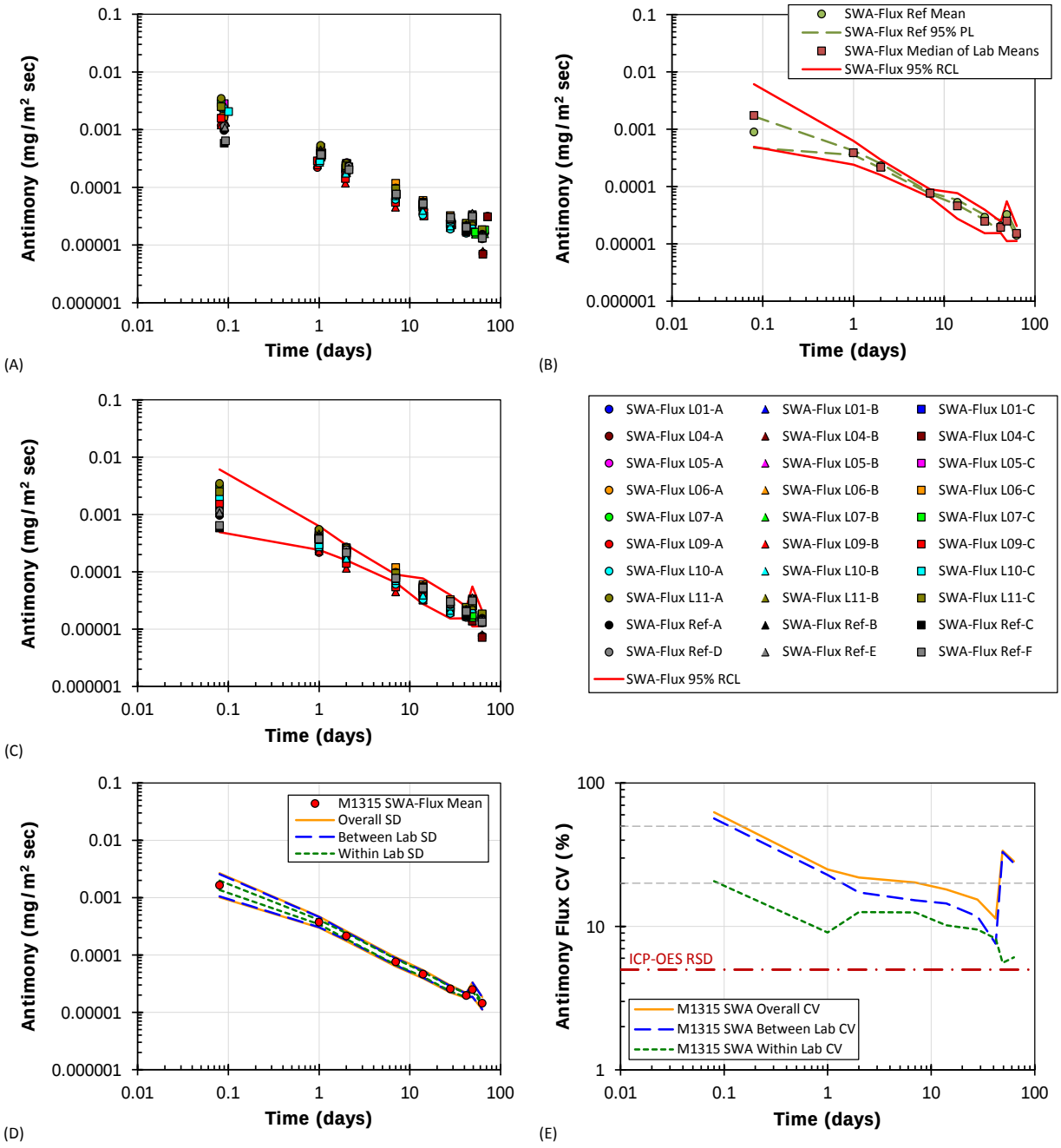

Figure 18. Method 1315 data presentation for antimony interval flux for material SWA.

Note: Figure shows (A) collected data as a function of time; (B) reference laboratory mean and prediction limits at 95% significance level (95% PL; green dashed line) compared to the median of laboratory means and median-based robust confidence limits at 95% significance level (95% RCL; red line); (C) interpolated data and 95% RCL intervals; (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty (grey dashed lines indicate 20% and 50%).

Linear Interpolation of log10-transformed Data

The output of Method 1315 (i.e., interval flux or cumulative release) was $\log_{10}$-transformed and interpolated/extrapolated to the target time values specified in the method text. The effect of linear interpolation of $\log_{10}$-transformed data on the range of interval flux values is presented in Figure 19 for arsenic in SWA and cadmium in CFS. These examples show only minor differences in the vertical spread of the data, primarily in the last test fraction, which were not considered significant enough to change the outcome of the validation study.

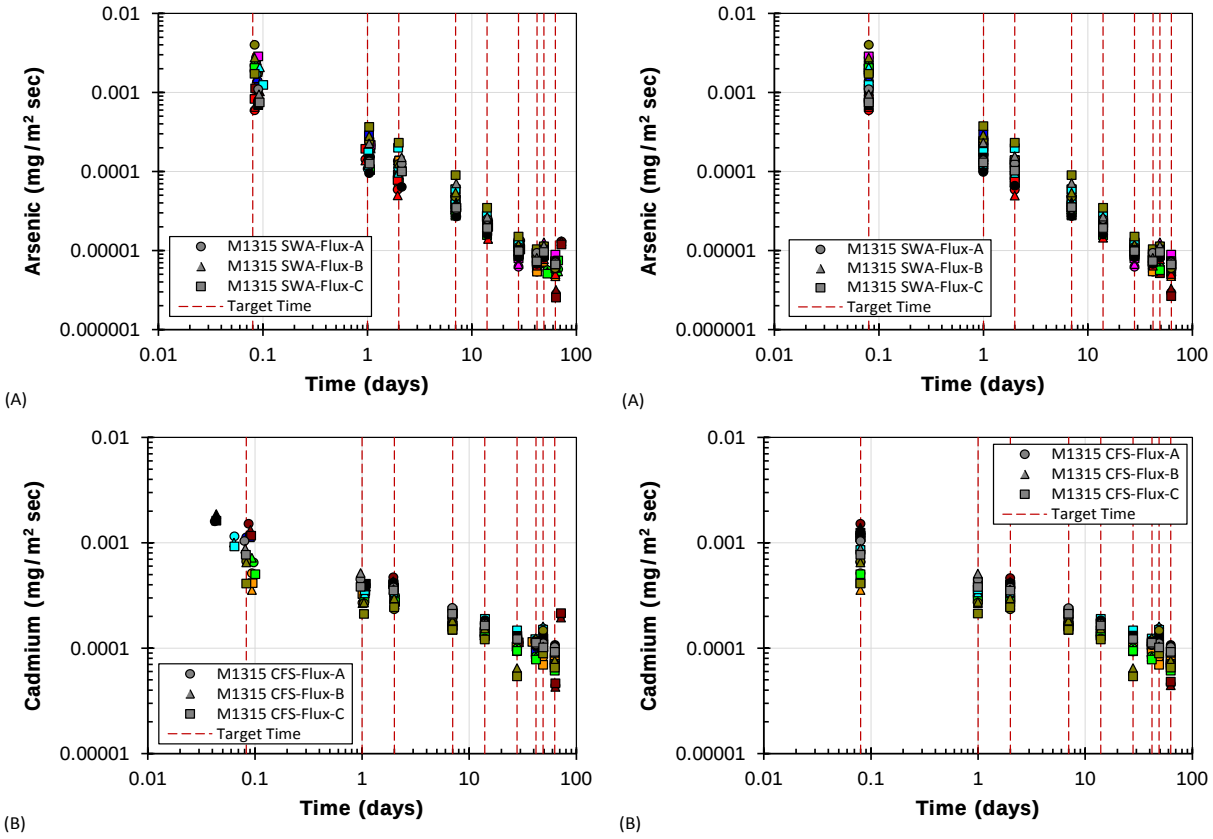

Figure 19. Linear interpolation of $\log_{10}$-transformed interval flux data.

Note: Calculated interval flux with random time variance on left and transformed data to interpolated target collection times on right for (A) arsenic in SWA material and (B) cadmium in CFS material.

Prediction Limit and Robust Confidence Limits

The mean-based prediction limits for the reference laboratory data and median-based robust confidence limits for Method 1315 dataset as a whole were compared. The full set of comparisons for interval flux and cumulative release results for the selected analytes in the two study materials are included in Appendix F. Examples of comparisons for interval flux in Figure 20 and cumulative release in Figure 21 cover a limited set of the statistical results for illustrative purposes. In each of these figures, leaching from the monolithic SWA material is shown in the panels on the left while leaching from compacted granular CFS is shown on the right.

The 95% Prediction Limits (PL; dashed green line) define a band of data about the reference laboratory mean (green dot) that delineates a repeatability operating characteristic for the reference laboratory in the sense that one would expect 95% of all replicate measurements made by the reference laboratory to lie within these bounds. The 95% Robust Confidence Limits (RCL; solid red lines) were calculated by merging all laboratory data, calculating the median of the laboratory means and setting the 95% confidence interval about that median. In general, there was good agreement between the PL and the RCL with the mean and PL for the reference laboratory falling directly within the RCL intervals for many analytes. These observations indicate that the reference laboratory data are consistent with the data set as a whole.

Comparison of the RCL curves between the study material for all three analytes in Figure 20 shows that the SWA data tends to have wider spread in the first leaching interval (i.e., greater variability) than does the CFS data. The effect is less noticeable, but still evident, in the cumulative release RCL values for the analytes shown in Figure 21. The greater variability in the first interval of the SWA data is likely due to wash-off of precipitated minerals from curing or leftover debris from cutting the monolithic material prior to testing.

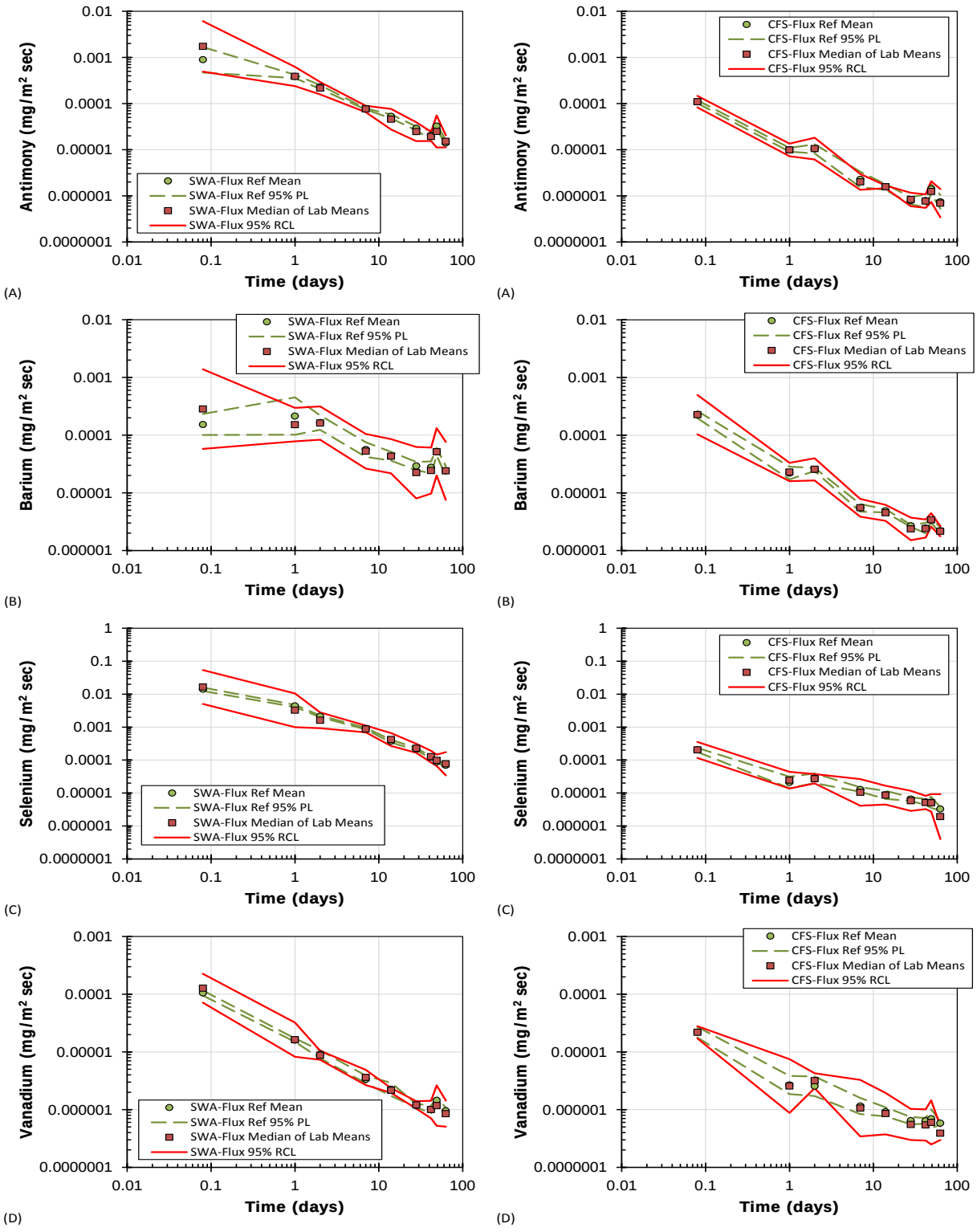

Figure 20. Method 1315 95% prediction limits (95% PLs) for mean interval flux from reference laboratory results and 95% robust confidence limits (95%RCLs) of all laboratories for interval flux.

Note: Comparisons shown for SWA material shown on left and CFS material shown on right for (A) antimony, (B) barium, (C) selenium and (D) vanadium.

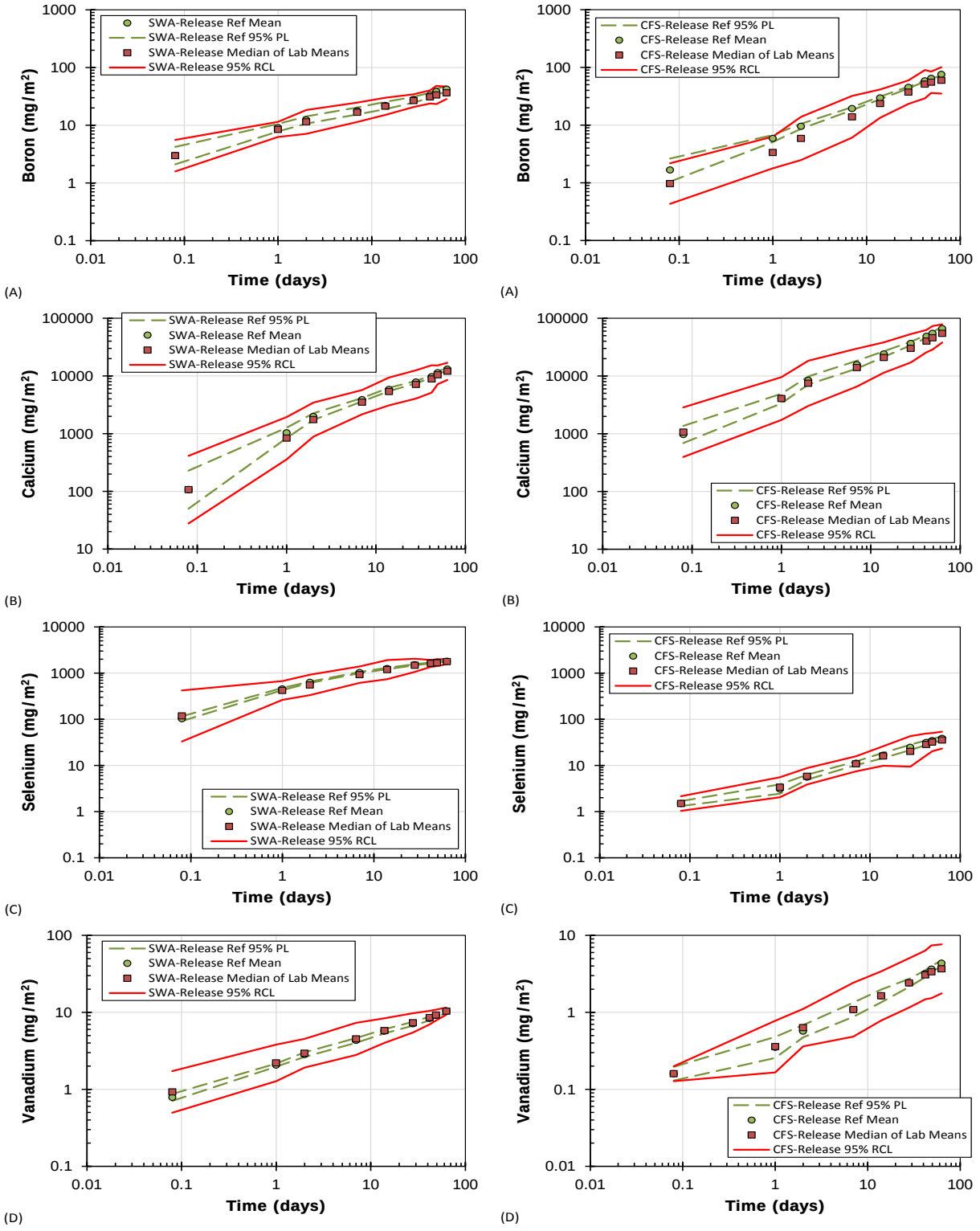

Figure 21. Method 1315 95% prediction limits (95% PLs) for cumulative release from reference laboratory results and 95% robust confidence limits (95% RCLs) of all laboratories for cumulative release.

Note: Comparisons shown for SWA material shown on left and CFS material shown on right for (A) boron, (B) calcium, (C) selenium and (D) vanadium.

Standard Deviation Intervals and Coefficients of Variation

The standard deviations associated "within-laboratory," "between-laboratory" and "overall" variance components were determined from ANOVA calculations of $\log_{10}$-transformed data. Intervals for these standard deviations about the mean of the validation dataset were calculated as shown in the left-hand side of Figure 22 for interval flux and Figure 23 for cumulative release for illustrative analytes from the study materials. On the right-hand side of each figure, the coefficients of variation (CVs) are presented as a function of cumulative time for each of the selected analytes. The CVs normalize the standard deviation for each source of error (i.e., within-laboratory, between-laboratory and overall) to the mean of the output variable (i.e. eluate concentration or cumulative release).

The within-laboratory CV value, which is associated with method repeatability, is generally less than the overall or between-laboratory standard deviations. Comparison of the CVs for an analyte provides a sense of whether the overall standard deviation of the method results may be attributed to within-laboratory or between laboratory variance components. For example, in Figure 22 and Figure 23, the overall CV, is closely associated with between-laboratory variance and is not significantly influenced by within-laboratory variance for most analytes and test positions.

For most analytes, the overall CV values in the first interval are noticeably higher than in subsequent intervals and were sometimes in excess of 50%. These high values may reflect the variability associated with dissolution of precipitated minerals from the sample surface and/or the physical removal of debris that might remain from sample preparation – collectively called "wash-off." Therefore, the precision estimates for the first interval of the Method 1315 test are considered to reveal minor heterogeneity of the test material rather than the performance of the method and, subsequently, will not be used to estimate method precision.

For interval flux (Figure 22), the overall CVs in the second through seventh intervals are relatively constant at approximately 20-30%. These intervals represent a test regime where interval durations vary from 1-14 days but generally increase with interval number. In the eighth interval, however, interval duration is shortened to check for saturation at longer leaching intervals and the overall CV values spike sharply. While the same general trend of decreasing overall CV with increasing cumulative time is seen for the cumulative release CV values, there is no significant effect of shortening the interval duration in the eighth interval. Figure 23 shows that the overall CVs for cumulative release start in the same range of approximately 50% as the interval flux CVs (which is consistent with the cumulative release being based on the mass released in only the one interval); however, the overall CV values for cumulative release decrease with increasing cumulative time to values between 10 and 20% by the end of the test.

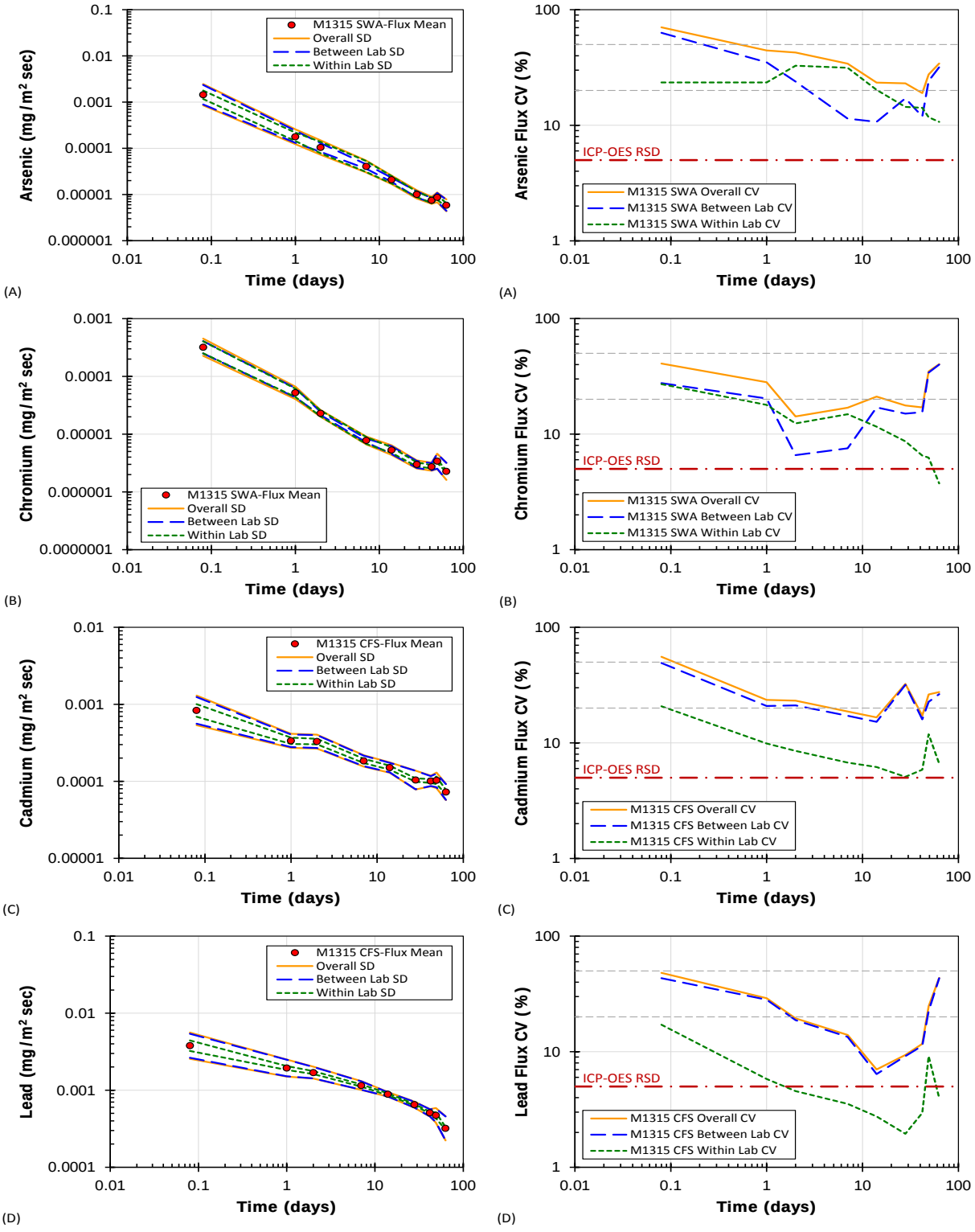

Figure 22. Example of Method 1315 variance component estimates and coefficients of variation for mean interval flux.

Note: Data shown for mean and standard deviation on left and coefficient of variation on right for (A) arsenic in SWA, (B) chromium in SWA, (C) cadmium in CFS and (D) lead in CFS.

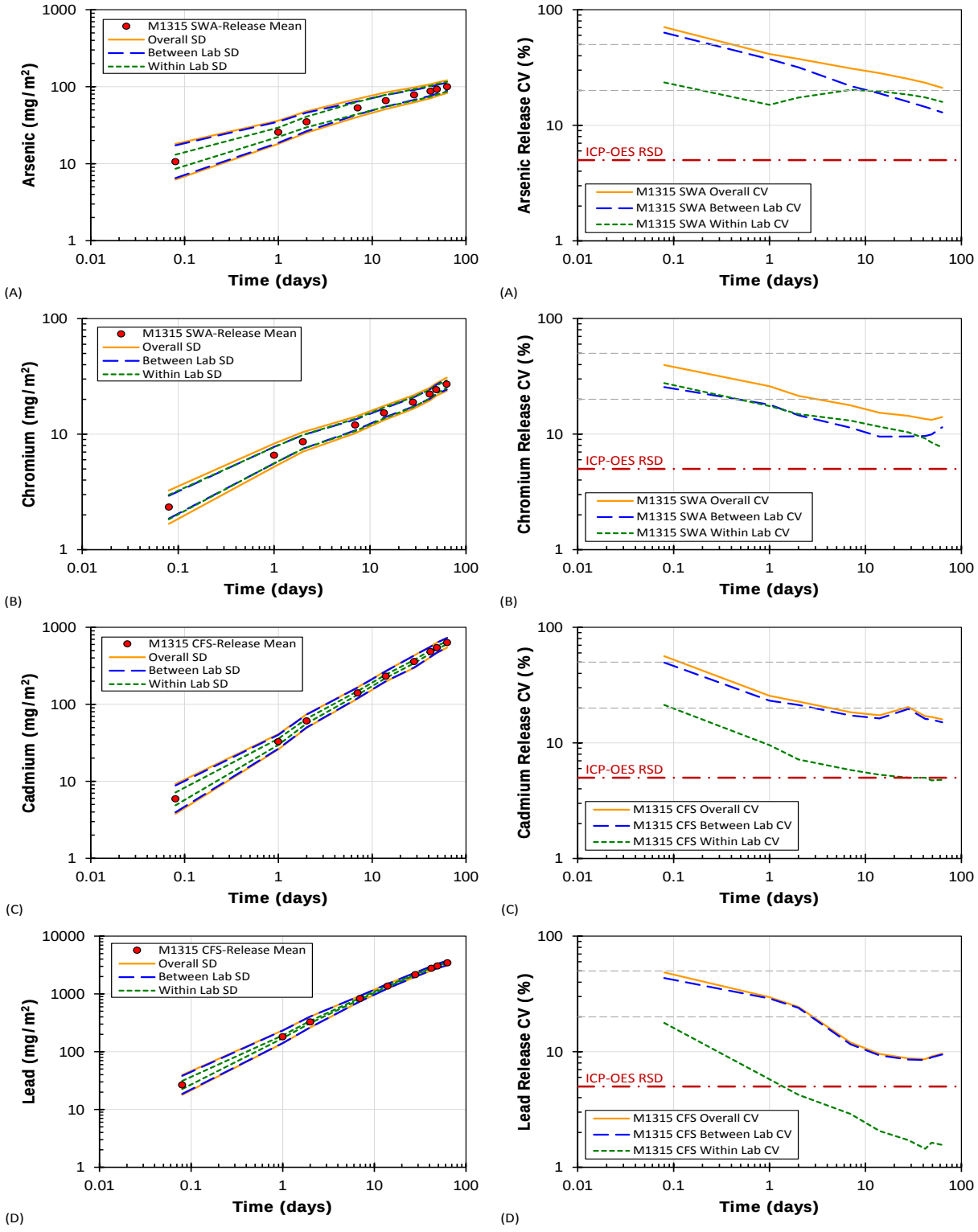

Figure 23. Example of Method 1315 variance component estimates and coefficients of variation for cumulative release.

Note: Data shown for mean and standard deviation on left and coefficient of variation on right for (A) arsenic in SWA, (B) chromium in SWA, (C) cadmium in CFS and (D) lead in CFS.

Method 1315 Repeatability and Reproducibility

The repeatability and reproducibility for a particular result are calculated in terms of the repeatability relative standard deviation (RSD_r) and the reproducibility relative standard deviation (RSD_R) for each of the selected validation analytes shown in Table 7. These relative standard deviations are derived from the mean of the validation data and either the within-laboratory standard deviation (repeatability) or the overall standard deviation (reproducibility).

Graphical representations of the precision statistics, comparing results for the two Method 1315 study materials (i.e., SWA and CFS), are available in Appendix E for each of the common analytes highlighted in Table 7. Figure 24 presents an example of the precision statistics for selenium. In each figure, eluate concentration results are shown in the top row of panels while the results for cumulative release are shown in the bottom row of panels. The left-hand panel illustrates the mean behavior of the result parameter and the overall standard deviation interval of the validation dataset. These panels also show the various levels of the mass transport behavior for the study materials as a function of time. In the middle and right-hand panels, respectively, the RSD_r and the RSD_R are plotted at target cumulative times. In the RSD_r and RSD_R figures, grey dashed lines are used facilitate interpretation by indicating the RSD values of 20% and 50%

The examples in Figure 24 shows that mean interval flux and cumulative release of selenium for SWA are significantly greater than for CFS. In fact, output values for CFS plotted between the output calculated for the ML and MDL concentrations indicate that these concentrations are not truly quantifiable, but are estimated. The repeatability (i.e., RSD_r value) for interval flux is approximately 10 to 20% over the majority of the time range while over the same time domain repeatability for cumulative release is between 5 and 10%. The sudden increase in repeatability for CFS interval flux is likely due to the low eluate concentration levels. Reproducibility values for interval flux of selenium range between 20 and 50%, although better reproducibility was generally seen for most other analytes. RSD_R values for cumulative release of selenium in both SWA and CFS tend to decrease as time increases, reaching reproducibility values below 20% by the end of the 63-day test.

Method 1315 Precision Data

Method precision for interval flux from Method 1315 is shown in terms of relative standard deviations for repeatability (Table 20) and reproducibility (Table 21). The analogous data for cumulative flux repeatability and reproducibility are shown in Table 22 and Table 23, respectively. In each of these tables, the RSD_r or RSD_R represents the method precision calculated for each analytes at each target L/S value.

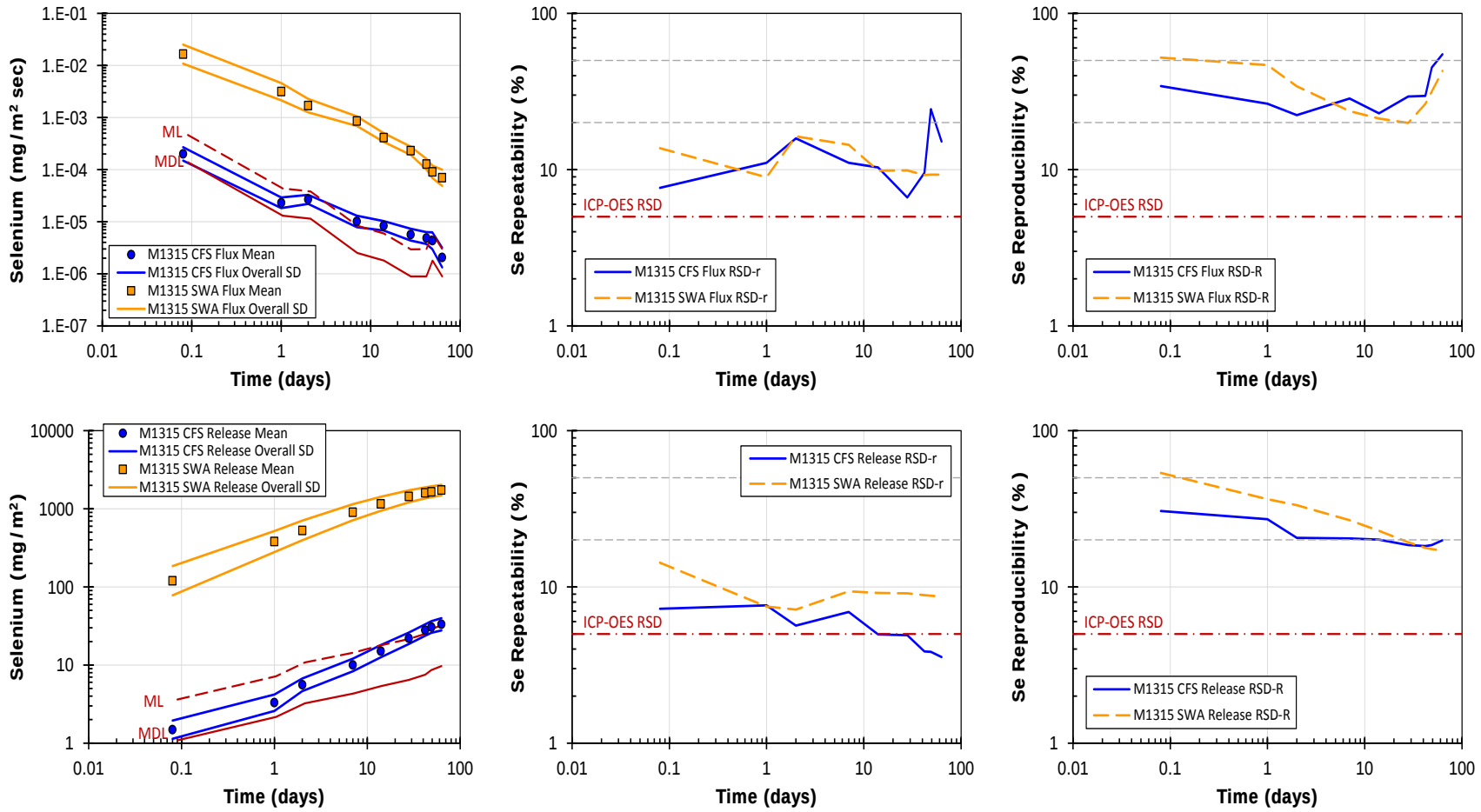

Figure 24. Comparisons of statistical analyses for selenium from Method 1315 validation study materials.

Note: Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines).

Table 20. Method 1315 Interval Flux Repeatability (RSD_r) across Study Materials

		RSD_r (%) at Target Cumulative Time (days)									
SWA – Solidified Waste Analog											
Analyte	**Symbol**	**0.08**	**1.0**	**2.0**	**7.0**	**14**	**28**	**42**	**49**	**63**	**Med**
Aluminum	Al	23	9	10	10	8	5	5	5	6	**8**
Antimony	Sb	21	9	13	13	10	9	8	6	6	**9**
Arsenic	As	23	23	33	31	20	14	14	12	11	**20**
Barium	Ba	54	36	12	15	8	7	11	8	10	**11**
Boron	B	19	18	12	16	10	8	7	6	10	**10**
Calcium	Ca	23	8	6	11	6	3	12	7	11	**8**
Chromium	Cr	27	18	12	15	12	9	7	6	4	**12**
Potassium	K	15	13	18	17	12	11	9	9	9	**12**
Selenium	Se	14	9	16	14	10	10	9	9	9	**10**
Vanadium	V	17	9	15	12	9	6	6	7	5	**9**
CFS – Contaminated Field Soil											
Analyte	**Symbol**	**0.08**	**1.0**	**2.0**	**7.0**	**14**	**28**	**42**	**49**	**63**	**Med**
Aluminum	Al	19	13	18	17	9	6	16	17	10	**16**
Antimony	Sb	11	11	11	20	14	12	18	19	14	**14**
Barium	Ba	27	10	8	7	7	5	8	8	7	**8**
Boron	B	27	12	11	5	5	3	5	11	5	**5**
Cadmium	Cd	21	10	9	7	6	5	6	12	7	**7**
Calcium	Ca	12	10	10	7	5	3	4	8	6	**7**
Lead	Pb	17	6	5	4	3	2	3	9	4	**4**
Potassium	K	21	13	15	13	7	9	7	11	12	**12**
Selenium	Se	8	11	16	11	10	7	10	24	15	**11**
Vanadium	V	12	15	14	11	11	9	6	18	6	**11**

Table 21. Method 1315 Interval Flux Reproducibility (RSD_R) across Study Materials

		RSD_R (%) at Target Cumulative Time (days)									
SWA – Solidified Waste Analog											
Analyte	**Symbol**	**0.08**	**1.0**	**2.0**	**7.0**	**14**	**28**	**42**	**49**	**63**	**Med**
Aluminum	Al	57	28	27	21	18	17	19	36	36	**27**
Antimony	Sb	63	25	22	20	18	15	11	34	28	**22**
Arsenic	As	70	44	43	34	23	23	19	28	34	**34**
Barium	Ba	104	60	30	36	30	37	43	74	48	**43**
Boron	B	39	37	21	23	20	15	17	49	36	**23**
Calcium	Ca	59	37	31	19	27	19	21	49	25	**27**
Chromium	Cr	41	28	14	17	21	18	17	35	40	**21**
Potassium	K	47	37	26	23	24	20	25	30	45	**26**
Selenium	Se	52	47	34	24	21	20	26	32	43	**32**
Vanadium	V	50	26	27	20	18	13	14	34	27	**26**
CFS – Contaminated Field Soil											
Analyte	**Symbol**	**0.08**	**1.0**	**2.0**	**7.0**	**14**	**28**	**42**	**49**	**63**	**Med**
Aluminum	Al	43	22	40	22	17	13	21	42	25	**22**
Antimony	Sb	27	16	23	21	16	19	22	47	27	**22**
Barium	Ba	35	17	21	14	20	19	25	17	13	**19**
Boron	B	60	39	37	21	15	17	18	35	35	**35**
Cadmium	Cd	56	24	23	19	17	32	17	26	28	**24**
Calcium	Ca	46	22	44	25	20	29	16	23	29	**25**
Lead	Pb	48	29	19	14	7	9	12	25	44	**19**
Potassium	K	67	60	58	38	33	35	27	44	26	**38**
Selenium	Se	34	26	22	29	23	29	30	45	55	**29**
Vanadium	V	26	31	35	31	27	39	15	35	32	**31**

Table 22. Method 1315 Cumulative Release Repeatability (RSD_r) across Study Materials

		RSD_r (%) at Target Cumulative Time (days)									
SWA – Solidified Waste Analog											
Analyte	**Symbol**	**0.08**	**1.0**	**2.0**	**7.0**	**14**	**28**	**42**	**49**	**63**	**Med**
Aluminum	Al	24	10	8	7	7	6	6	6	5	**7**
Antimony	Sb	21	9	8	8	8	8	7	7	7	**8**
Arsenic	As	23	15	17	20	20	18	17	17	16	**17**
Barium	Ba	55	37	24	16	12	10	8	8	7	**12**
Boron	B	18	17	14	12	11	10	9	9	8	**11**
Calcium	Ca	24	8	6	6	6	5	5	4	5	**6**
Chromium	Cr	28	17	15	13	12	10	9	8	8	**12**
Potassium	K	15	11	12	13	13	12	11	11	11	**12**
Selenium	Se	14	7	7	9	9	9	9	9	9	**9**
Vanadium	V	17	9	8	8	7	7	6	6	6	**7**
CFS – Contaminated Field Soil											
Analyte	**Symbol**	**0.08**	**1.0**	**2.0**	**7.0**	**14**	**28**	**42**	**49**	**63**	**Med**
Aluminum	Al	20	9	11	10	8	6	6	6	5	**8**
Antimony	Sb	12	7	8	7	7	6	6	6	6	**7**
Barium	Ba	28	9	7	6	5	4	4	4	4	**5**
Boron	B	28	12	9	6	5	4	3	4	4	**5**
Cadmium	Cd	21	10	7	6	5	5	5	5	5	**5**
Calcium	Ca	13	8	7	6	5	4	4	3	3	**5**
Lead	Pb	18	6	4	3	2	2	1	2	2	**2**
Potassium	K	23	11	10	8	7	7	6	6	6	**7**
Selenium	Se	7	8	6	7	5	5	4	4	4	**5**
Vanadium	V	12	11	9	8	7	6	5	5	4	**7**

Table 23. Method 1315 Cumulative Release Reproducibility (RSD_R) across Study Materials

		RSD_R (%) at Target Cumulative Time (days)									
SWA – Solidified Waste Analog											
Analyte	**Symbol**	**0.08**	**1.0**	**2.0**	**7.0**	**14**	**28**	**42**	**49**	**63**	**Med**
Aluminum	Al	58	29	27	24	21	20	19	20	21	**21**
Antimony	Sb	64	24	21	20	18	16	15	15	15	**18**
Arsenic	As	71	41	38	31	28	25	23	22	21	**28**
Barium	Ba	105	62	41	36	31	31	32	35	36	**36**
Boron	B	40	29	25	23	22	20	19	19	18	**22**
Calcium	Ca	60	36	31	24	24	22	20	21	21	**24**
Chromium	Cr	40	26	21	18	15	14	14	13	14	**15**
Potassium	K	47	32	29	25	24	22	22	22	22	**24**
Selenium	Se	54	36	33	27	23	19	18	17	17	**23**
Vanadium	V	51	27	24	21	20	18	17	17	17	**20**
CFS – Contaminated Field Soil											
Analyte	**Symbol**	**0.08**	**1.0**	**2.0**	**7.0**	**14**	**28**	**42**	**49**	**63**	**Med**
Aluminum	Al	42	22	27	23	20	16	14	13	13	**20**
Antimony	Sb	24	16	18	14	13	13	12	13	13	**13**
Barium	Ba	32	20	19	16	16	16	17	15	15	**16**
Boron	B	59	38	36	26	21	17	16	17	17	**21**
Cadmium	Cd	56	26	23	18	17	20	17	17	16	**18**
Calcium	Ca	47	23	27	25	22	21	18	18	15	**22**
Lead	Pb	49	30	24	12	10	9	9	9	10	**10**
Potassium	K	67	59	54	44	39	36	33	33	31	**39**
Selenium	Se	31	27	21	20	20	19	18	19	20	**20**
Vanadium	V	23	24	25	23	23	25	20	20	19	**23**

Overall Method 1315 Precision

As discussed for Method 1314, several possible scenarios are apparent for summarizing the overall method precision of Method 1315. A selection of various summary scenarios is presented in Figure 25. Since the precision estimates for mean interval flux are independent of each other, these values may be averaged over a series of leaching intervals. Precision estimates for cumulative release are based on cumulative variations and should only be evaluated at a particular value in the cumulative time scale.

The choice of an approach for summarizing precision depends on how the test results may be used. For example, the most logical scenario for cumulative release would be to summarize method precision at the end of the 63-day testing period (green box in Figure 25B). The analogous scenario for mean interval flux would be the average of the flux values over the entire test time with the exclusion of the first interval due to the variances associated with wash-off (see green box in Figure 25A).

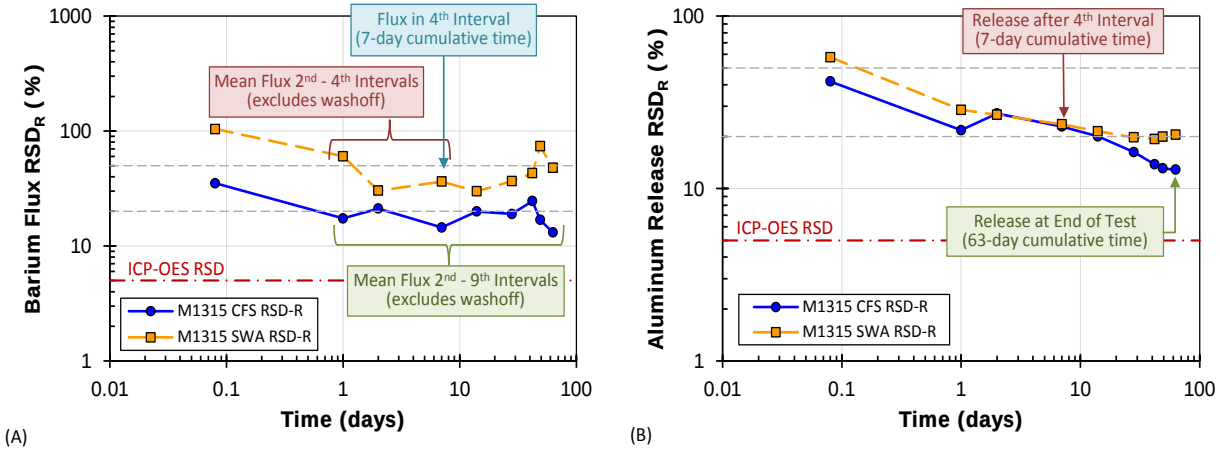

Figure 25. Illustration of scenarios used to summarize precision for Method 1315: (A) mean interval flux and (B) cumulative release (right).

Due to the duration of Method 1315, shorter-term testing (e.g., perhaps after 7-days) might be useful in terms of comparing mass transport between similar materials. Therefore, method precision is also calculated for cumulative release after 7 days of leaching with the analogous representation for interval flux determined as the average of the interval flux over the 2nd-4th leaching intervals (red boxes in Figure 25). Since the interval flux precision values are independent, an alternative estimate of method precision for the short-term test duration would be a single target cumulative time, such at the end of the 4th interval (blue box in Figure 25A).

Altogether, Figure 25 provides for five scenario-based estimates of precision for Method 1314:

#1 Mean interval flux at the 4th interval
#2 Average of the interval flux values from Interval 2 through Interval 4
#3 Average of the interval flux values from Interval 2 through Interval 9
#4 Cumulative Release after 7 days (at end of the 4th interval)
#5 Cumulative Release after 63 days (at end of 9th interval)

For each of the above scenarios, the RSD_r and RSD_R values were tabulated by analyte and by test material as shown in the example for Scenario #1 presented in Table 24. Similar tables may be found in Appendix E for each of the summary scenarios. For each of the study materials (i.e. SWA and CFS), the mean repeatability and reproducibility is calculated from the precision values of the ten analytes used in the validation study. The material means are then averaged to provide a single estimate of method repeatability and reproducibility for each scenario.

Table 24. Method 1315 Precision Estimates for Scenario #1 (Flux in 4th Interval).

Analyte	Symbol	Repeatability		Reproducibility	
		SWA $\%RSD_r$	CFS $\%RSD_r$	SWA $\%RSD_R$	CFS $\%RSD_R$
Aluminum	Al	10.2	17.5	36.9	24.9
Antimony	Sb	12.5	19.8	28.4	27.1
Arsenic	As	31.4	-	34.2	-
Barium	Ba	15.2	7.0	47.8	13.1
Boron	B	15.6	5.4	36.2	35.0
Cadmium	Cd	-	6.8	-	27.5
Calcium	Ca	10.8	6.9	25.3	28.5
Chromium	Cr	14.9	-	40.3	-
Lead	Pb	-	3.5	-	43.6
Potassium	K	16.7	12.6	45.4	26.2
Selenium	Se	14.4	11.0	42.9	54.7
Vanadium	V	11.5	11.0	27.0	31.8
	Material Mean	15%	10%	36%	31%
	Overall Mean	13% Repeatability		34% Reproducibility	

The overall precision values for the summary scenarios are shown in Table 25 for interval flux and in Table 26 for cumulative release. The precision values for cumulative release are somewhat better than those for interval flux; however, all precision values are relatively consistent regardless of the summary scenario.

Table 25. Method 1315 Precision Summary for Mean Interval Flux.

Scenario		Repeatability	Reproducibility
#1	Flux in 4th Interval	13%	34%
#2	Average Flux for Intervals 2-4	13%	29%
#3	Average Flux for Intervals 2-9	11%	28%
Mean Method 1315 Precision for Interval Flux		12%	30%

The mean Method 1315 precision for interval flux was determined to be 11% repeatability and 30% reproducibility while the mean values of Method 1315 precision for cumulative release were approximately 1/3 better at 8% repeatability and 21% reproducibility. Method 1315 overall precision was determined to include a repeatability of 10% and a reproducibility of 27%.

Table 26. Method 1315 Precision Summary for Cumulative Release.

	Scenario	Repeatability	Reproducibility
#4	Cumulative Release after 7 days	9%	19%
#5	Cumulative Release after 63 days	6%	23%
Mean Method 1315 Precision Cumulative Release		8%	21%

Method 1315 Precision Compared to Other Leaching Method Validations

Since the guidance provided by the EPA (EPA, 1992b) and ASTM (ASTM, 1987) provide no criteria for acceptable levels of method precision, no conclusions regarding the acceptability of Method 1315 can be made based on precision alone. However, the precision of Method 1315 may be put into context of accepted and adopted leaching test methods by comparing the Method 1315 precision to the reported precision of NEN 7345, a Dutch monolithic tank leaching test. In addition, the reproducibility results may also be compared to those found within the method text of the current U.S. waste classification leaching test, the Method 1311 (EPA, 1992a) or the Toxicity Characteristic Leaching Procedure (TCLP).

NEN 7345 Repeatability and Reproducibility

In support of the NEN 7345 Dutch monolithic tank leaching test, the European Commission published a validation study of tank leaching data with up to 21 participating laboratories (van der Sloot et al., 1995). The single study material was a laboratory-formulated solidified matrix comprised of portland cement, municipal solid waste incinerator fly ash, natural sand and water. Precision results were reported for 16-day cumulative release for a limited set of inorganic constituents (e.g., Cl, Na, SO_4, and Zn). Using the relative standard deviations reported in the study, a distribution of RSD_R values ranging from 15 to 55% was created for comparison to Method 1315. Repeatability values between 4 and 17% were calculated for comparison using the reported within-laboratory standard deviation and the mean cumulative release. In a separate study supporting the development of a leaching approach specifically for construction-based concretes, the precision of NEN 7345 was reported for the 64-day cumulative release of Na, As, Cl, Cr and K from a spiked concrete mixture at ranges of 11-18% repeatability and 25-50% reproducibility (Hohberg et al., 2000). Thus, the precision estimates reported by Hohberg for construction-grade concrete are consistent with the European Commission report for waste-based materials. The values derived from the European Commission report were used for comparison to Method 1315 precision.

TCLP (SW-846 Method 1311) Reproducibility

The TCLP method provided reproducibility data for Cd, Cr, and Pb contained in three study materials (e.g., ammonia lime still bottoms, API/EW mixture, and fossil fuel fly ash). Each of the three study materials was tested with both the acetic acid and buffered acetic acid extraction fluids specified in the test method. The reported results of interlaboratory validation of TCLP are a mean RSD_R of 74% with a range of results from 17-118% (EPA, 1992b).

Comparison of Precision Distributions

The distributions of RSD_r and RSD_R in Figure 26 compare the Method 1315 precision for 14-day cumulative release in each of the two study materials to the distributions of precision derived for NEN 7345 and reported for TCLP. The dashed vertical line in each figure panel separates the LEAF tests (left) from the other leaching tests (right). For each distribution, stacked boxes represent the interquartile range (IQR) of the 25^{th} and 75^{th} percentiles with the median shown as the line dividing the boxes. Whiskers indicate the maximum and minimum values obtained for each distribution. Method 1315 precision was

calculated for cumulative release at end of the 5th leaching interval (cumulative time of 14 days) to be comparable to the 16-day cumulative release precision derived for NEN 7345. The difference in cumulative time reflects the fact that the specified collection times for these methods differ slightly. For TCLP, only reproducibility data was reported and is shown for eluate concentrations as measured in the single batch extraction.

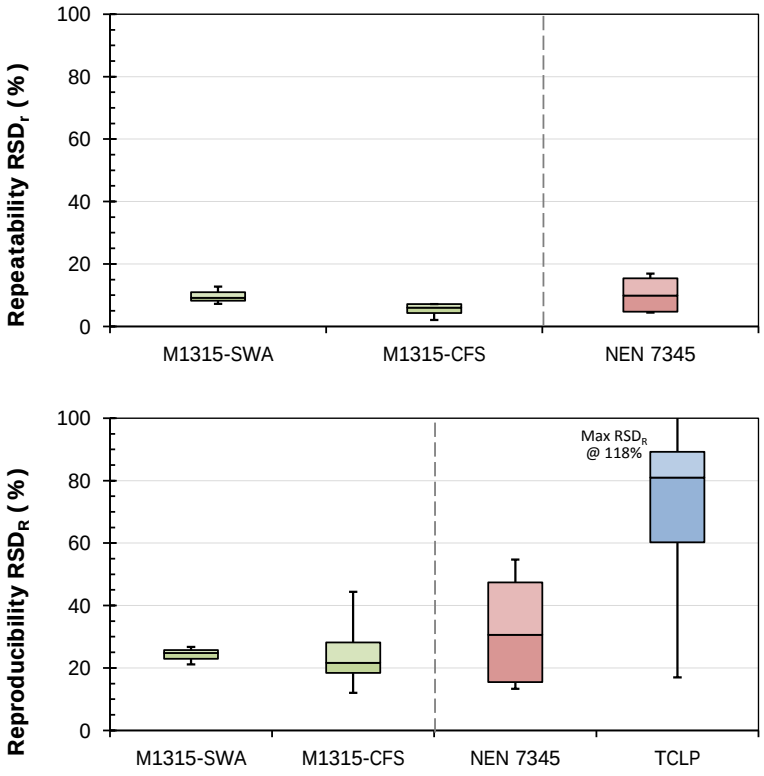

Figure 26. Distribution of Method 1315 repeatability (RSD_r) and reproducibility (RSD_R) by study material compared to precision estimates reported for NEN 7345 and TCLP.

Note: Distribution of precision values for Method 1314 and DIN 19528 provided at a common L/S value of 1 mL/g-dry. TCLP distribution reflects the range of precision determined for the single batch test.

NEN 7345 and Method 1315 are both tank leaching tests designed to determine the rate of mass transport through a material as a function of time, so it would be expected that the precision estimate for these leaching test methods are similar. However, TCLP is an equilibrium-based screening procedure that is operationally different that either NEN 7345 or Method 1315. Given these limitations, the repeatability for Method 1315 was significantly better than the reproducibility values reported in the TCLP while being consistent with the precision generated for NEN 7345. Method 1315 IQRs for RSD_r were narrower than, but within the range of values of, the IQR of repeatability for NEN 7345. The reproducibility of Method 1315 is within the IRQ of the RSD_R distribution for NEN 7345 and much better than the RSD_R reported for TCLP.

COMPARISON OF METHOD 1315 STATISTICS TO RESULTS OF EU TESTS

In parallel to participating in the validation of Method 1315, ECN used specimens of SWA to prepare analytical samples for the Dutch mass transfer standard test, NEN 7375 (NEN, 2004), during the Winter 2010. In addition during Spring 2011, ECN conducted the mass transfer based test on SWA specimens following the CEN/TS 15863 (CEN, 2009) tank leaching test, designated as a TS under the support of the CEN.

Both of these EU mass transfer leaching tests are similar in intent and procedure to Method 1315. Differences include the total testing duration, the number and duration of the testing intervals, and the basis for determination of the amount of liquid used in each leaching interval. The information in Table 27 shows the primary differences between these three leaching methods.

Table 27. Comparison of Method 1315 and EU Mass Transfer Test Parameters.

Parameter	Method 1315	NEN 7375	CEN/TS 15863
Total Test Duration (days)	63	64	51
Eluate Volume Basis	specimen surface area	specimen volume	specimen surface area
Liquid Volume	9±1 mL/cm^2	2-5 cm^3/cm^3	8±1 mL/cm^3
Number of Intervals	9	8	8
Refresh Exchanges at Cumulative Times (days)	0.08 1.1 2.0 7 14 28 42 49 63	0.25 1.0 2.25 4 9 16 36 64	0.08 1.0 2.25 8 14 15 28 36

Description of NEN 7375 Procedure

NEN 7375 is intended to define leaching from molded or monolithic materials under mass transfer conditions as a function of time. The test determines the nature and properties of the material matrix by placing a complete sample in a leaching fluid of demineralized water and replenishing the eluate at eight specified cumulative times of 0.25, 1, 2.25, 4, 9, 16, 36, and 64 days. Test specimens should have a minimum dimension of 40 mm and a geometric surface area of at least 75 cm^2. The volume of eluent for each leaching interval is based on the test specimen volume with 2-5 mL of eluent for every cm^3 of test specimen. From analytical samples of each eluate collection, the composition of the eluate is determined using standard methods, and the leached quantity per unit area is calculated for each constituent. Parameters that can be deduced from the development of release of constituent over time include the extent of surface rinsing and the effective diffusion coefficient that can be used to estimate leaching over longer periods.

Description of CEN/TS 15863 Procedure

The CEN/TS 15863 method describes a procedure for leaching of a solid monolithic material in a similar manner as NEN 7375 or Method 1315. The test specifies that a regular shaped test specimen is prepared

by cutting or coring in accordance with standard sampling methods. The test specimen is submerged in a tank of demineralized or deionized water for specified interval durations for a series of eight leaching intervals (see Table 26). The leachant is refreshed at cumulative times of 0.08, 1, 2.25, 8, 14, 15, 28, and 36 days. For each eluate, pH and conductivity are measured and recorded prior to preparation for chemical analysis using standard methods. The results of the test are the cumulative mass release (mg/m^2) expressed as a function of time.

Comparison of EU Test Results to Method 1315 Statistics

The results of triplicate testing of SWA using NEN 7375 and CEN/TS 15863 are shown in Figure 27 along with the mean and reproducibility limit interval derived for SWA from the validation of Method 1315. The 95% reproducibility limit intervals form a band of data within which results gathered under reproducibility conditions (e.g., same material tested with the same method conducted by different operator using different equipment) may be considered to be statistically equivalent with 95% confidence. The assumption in this comparison is that the differences in the NEN, CEN and LEAF methods are sufficiently small that these mass transfer leaching procedures are essentially the same method.

Overall, the results obtained for NEN 7375 and CEN/TS 15863 are statistically equivalent to the results of Method 1315 indicating that minor differences in these three leaching tests do not significantly affect the test results. The comparisons between test results shown in Figure 27 indicate that the cumulative release results of NEN 7375 are greater than the mean of the Method 1315 data but within the reproducibility limit intervals for all analytes except chromium for which the release from NEN 7375 is slightly above the interval.

Cumulative release derived from CEN/TS 15863 testing of SWA appears to be slightly lower than the mean cumulative release data than Method 1315 but, in most cases, within the reproducibility limits. The cumulative release from CEN/TS 15863 for several oxyanions, including antimony, selenium and vanadium, were observed to fall just outside the lower reproducibility limit interval. Since the CEN/TS 15863 tests were conducted approximate one year after the NEN 7375 and Method 1315 tests[18], it would be easy to assume that differences in cumulative release resulted from aging of the SWA material.

[18] Method 1314 validation tests on SWA material were carried out over a period between 4 and 8 months after sample preparation. For the EU tests, NEN 7375 testing of SWA began 8 months after sample preparation, while CEN/TS tests were started 18 months after SWA sample preparation.

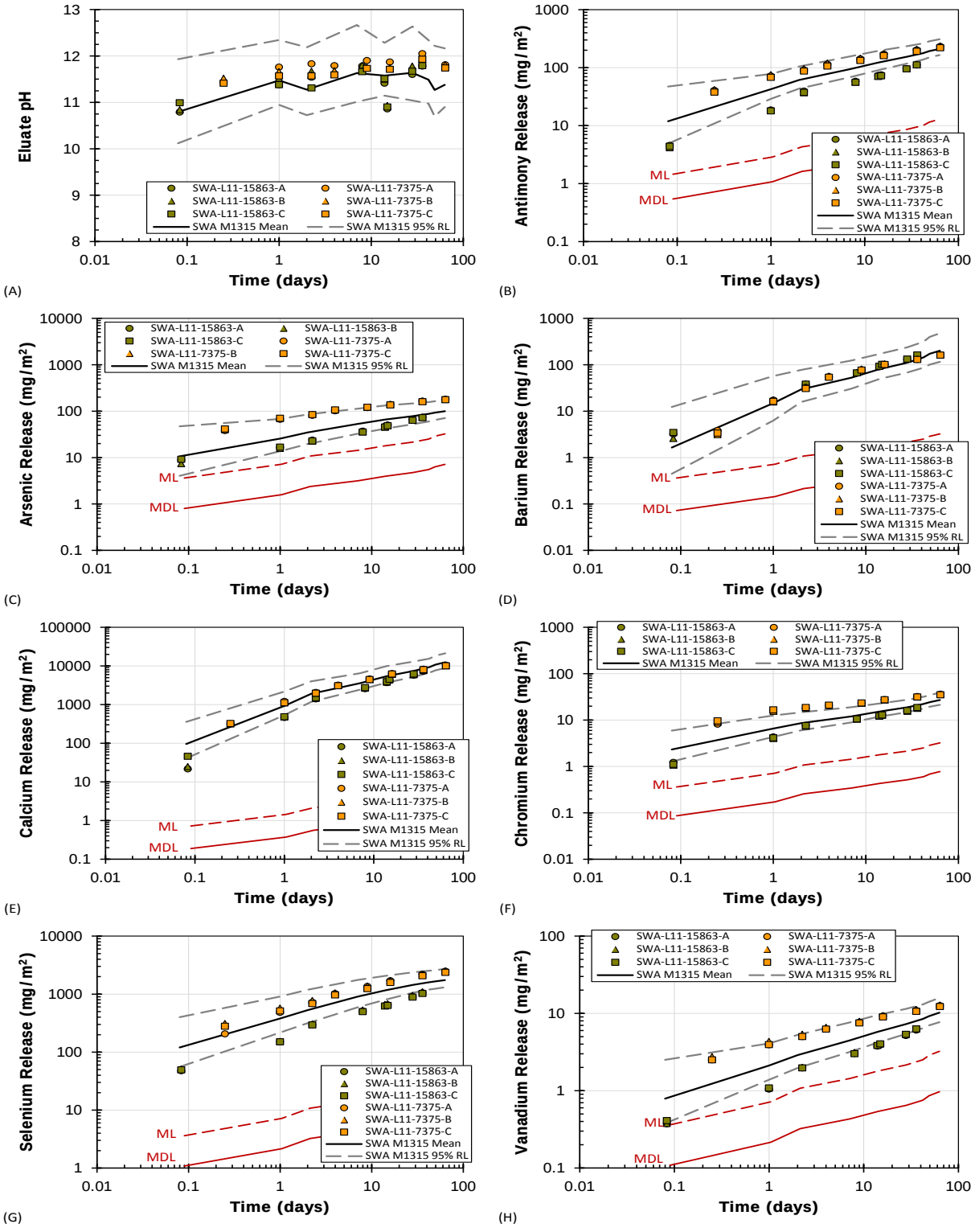

Figure 27. Cumulative release from CEN/TS 15863 and NEN 7375 compared to Method 1315 statistics.

Note: Method 1315 statistics include the mean of the validation data and the reproducibility limit at the 95% confidence level (95% RCL). Comparisons shown for SWA material: (A) eluate pH, (B) antimony, (C) arsenic, (D) barium, (E) chromium, (F) calcium, (G) selenium and (H) vanadium.

Influence of Sample Aging

In order to test whether aging of the SWA material had affected the CEN/TS 15863 data, aged SWA samples were testing by Method 1315 and compared to both CEN/TS 15863 results and Method 1315 validation statistics. Aged samples were tested by Method 1315 18 months after initial SWA preparation. Comparisons for eluate pH and several oxyanions are presented in Figure 28. These comparisons show that no apparent differences from the mean of the validation data were found for arsenic and chromium when the aged SWA samples were tested using Method 1315. Iron, selenium, antimony and vanadium cumulative release from aged SWA materials had a slight decrease relative the respective means of the Method 1315 validation; however, Method 1315 testing of aged SWA specimens was still within the reproducibility limit intervals of the validation data. The reduced cumulative release curves could be indicative of specimen oxidation during the longer curing interval which may lead to reduced leaching of redox-sensitive analytes. Since the CEN/TS 15863 cumulative release curves are noticeably lower than the Method 1315 testing of aged SWA specimens, additional unidentified factors are likely causing the observed effect, especially for the first leaching intervals. Therefore, the minor deviations in the CEN/TS 15863 data relative to Method 1315 validation statistics are probably not due to any differences in the method procedures or test conditions, but to sample heterogeneity through oxidation of either the SWA specimens (e.g., comparing Method 1315 testing of 18-month cured samples to validation results) or the eluate solutions (comparing Method 1315 testing of 18-month cured samples to CEN/TS 15863 data).

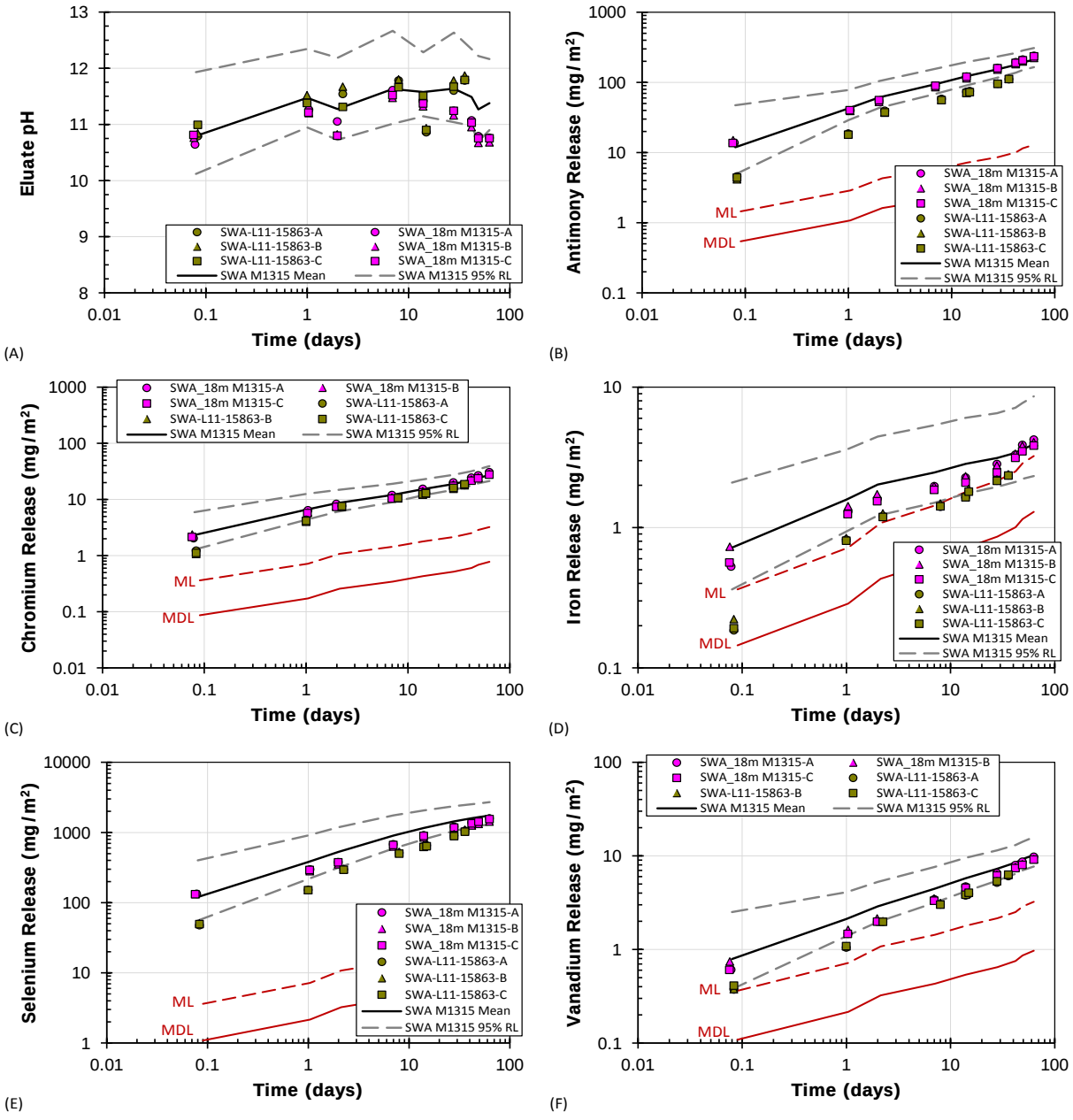

Figure 28. Check on the effect of SWA aging on cumulative release.

Note: Method 1315 statistics include the mean of the validation data and the reproducibility limit at the 95% probability level (95% RL). Comparisons shown for (A) eluate pH, (B) antimony, (C) chromium, (D) iron, (E) selenium and (F) vanadium from SWA material.

SUMMARY AND CONCLUSIONS

The precision of LEAF Method 1314 and Method 1315 have been derived from interlaboratory testing using two different study materials for each method. The study material types were intended to challenge the performance of the method with selected materials seen in waste management and beneficial use activities. For Method 1315, ten participating laboratories provided filtered and preserved eluates from triplicate tests runs on each of a monolithic solidified waste analog and a granular contaminated field soil. For Method 1314, at least seven laboratories provided data used to validate each test method, consistent with recommendations of EPA (EPA, 1992b) and ASTM (ASTM, 1987). Vanderbilt University (VU) served as a reference laboratory and provided six test replicates of each material for both methods. Eluates were chemically analyzed by inductively coupled plasma-optical emission spectroscopy at VU. From the overall dataset, a list of ten selected analytes for each method and material were chosen for statistical analysis based on concentration levels and regulatory importance.

The collection and management of the large data set was achieved using standardized Excel templates in conjunction with LeachXS data evaluation software developed by VU, the Energy Research Centre of the Netherlands (ECN) and DHI (Denmark). Test outputs, specifically eluate concentration and cumulative release for Method 1314 and interval flux and cumulative release for Method 1315 were derived from the measured eluate concentrations and test information provided by each participating laboratory. All test outputs were processed using $\log_{10}$-transforms and linear interpolation/extrapolation to yield the data sets used in statistical analysis. Statistical measurements of data spread, within-laboratory standard deviation, between-laboratory standard deviation and overall standard deviation were calculated for ten selected analytes from each material. The reference laboratory data were used to develop intervals for 95% prediction limits about the mean that were compared to 95% robust confidence limits about the median of all the means from each laboratory. Standard deviations for within-laboratory, between-laboratory and overall variance components were estimated using the equations of a one-way analysis of variance approach implemented in LeachXS. Method precision in terms of repeatability relative standard deviation (RSD_r) and reproducibility relative standard deviation (RSD_R) were derived from the within-laboratory and overall standard deviation values, respectively.

For each test output, method precision was evaluated for several plausible summary scenarios using the estimated precision for each of the ten analytes in each study material. In general, method precision for cumulative release was better than method precision based on eluate concentrations (Method 1314) or interval flux (Method 1315).

Method 1314

- Repeatability of 12% RSD_r for eluate concentration
- Repeatability of 6% RSD_r for cumulative release
- Reproducibility of 24% RSD_R for eluate concentration
- Reproducibility of 16% RSD_R for cumulative release

Method 1315

- Repeatability of 12% RSD_r for eluate concentration
- Repeatability of 8% RSD_r for cumulative release
- Reproducibility of 30% RSD_R for eluate concentration
- Reproducibility of 21% RSD_R for cumulative release

Taking the greater of the two precision estimates for each test as a conservative estimate, what these results mean to the single operator laboratory is that the variation in replicate tests on the same material would be less than 12% for either Method 1314 or Method 1315. When multiple laboratories perform these tests on the homogenized sample of the same material, the test results would vary less than 30% for Method 1314 and less than 24% for Method 1315. These mean precision values were found to be considerably better than the mean reproducibility RSD reported for TCLP (EPA 1992a).

The precision estimates for the ten analytes in each study material were used to formulate a distribution of RSD_r and RSD_R values for comparison to similar distributions for accepted national standard methods. The interquartile ranges for the distributions of RSD_r and RSD_R in Method 1314 and Method 1315 were found to be in agreement with the reported and derived precision distributions found in the literature for a German column test (DIN, 2009) and a Dutch monolithic leaching test (van der Sloot et al, 1995), respectively.

In addition to participating in the Method 1314 and Method 1315 validations, the Energy Research Centre of the Netherlands used the validation study material to prepare analytical solutions from leaching tests accepted in the European Union (EU) through Dutch national standardization organization (NEN) or the Comité Européen de Normalisation (CEN). These test results from these EU leaching procedures were compared with the mean and reproducibility limit intervals for Methods 1314 and Method 1315 in order to show the consistency between leaching tests with similar intents and procedures. The cumulative release from the CEN/TS 14405 percolation column test compared favorably to the Method 1314 statistics for both validation materials. Cumulative release from the Dutch monolith leaching standard, NEN 7375, showed good agreement with Method 1315 statistics while the cumulative release for the CEN/TS 15863 leaching test was favorable with slight deviations for antimony, selenium and vanadium. Deviations in the cumulative release between Method 1315 and CEN/TS 15863 were shown not to be an experimental artifact of the additional aging of the SWA material during the time between Method 1315 testing and testing using CEN/TS 15863. The cause of the deviations is unknown, but is likely due to oxidation of either the material test samples or eluate samples during preparation of CEN/TS 15863 eluates. Overall, the consistency between the EU leaching test and the LEAF methods was good, indicating that these methods adequately characterize the phenomena that control the release of constituents from granular and monolithic solid material and that minor differences in test specifications do not significantly affect method results.

Based on the method validation results and comparison presented in this report, the following statements regarding LEAF Method 1314 and Method 1315 may be made:

Procedural Considerations

- Accurate pH measurement that considers appropriate instrument calibration (i.e., buffer solutions that span the pH range of the solutions to be tested to the greatest degree possible) and proper pH measurement techniques is essential to the performance of these methods. Measurement of pH should be taken as rapidly as practical after collection of eluates to avoid carbonation of alkaline solutions with limited pH buffering capacity.
- The data templates are recommended for use with Method 1314 and Method 1315 to provide uniform calculations, data collection, and data input into LeachXS which greatly facilitates management of large data sets. LeachXS Lite is a simplified, free version of LeachXS that can

assist method users with method implementation as well as data management, graphing and reporting.

Repeatability and Reproducibility

- Repeatability of Method 1314 and Method 1315 generally is expected to be approximately 5-10% of the mean value (concentration or interval flux, respectively) which is consistent with the variability associated with many chemical analytical methods. Reproducibility is expected to be approximately 20-30% of the measured mean value.
- The precision of cumulated test output, specifically the cumulative mass release, is expected to be slightly better than interval-based test output such as individual test fraction eluate concentrations (Method 1314) or mean interval flux (Method 1315).
- Commercial and non-commercial laboratories should be readily able to implement Method 1314 and Method 1315 for both monolithic and compacted granular materials with a degree of repeatability and reproducibility consistent with current regulatory leaching methods in the U.S and Europe.

REFERENCES

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Appendix A. Method 1314: Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio using an Up-Flow Percolation Column Procedure

DRAFT METHOD 1314[1]

LIQUID-SOLID PARTITIONING AS A FUNCTION OF LIQUID-SOLID RATIO FOR CONSTITUENTS IN SOLID MATERIALS USING AN UP-FLOW PERCOLATION COLUMN PROCEDURE

SW-846 is not intended to be an analytical training manual. Therefore, method procedures are written based on the assumption that they will be performed by analysts who are formally trained in at least the basic principles of chemical analysis and in the use of the subject technology.

In addition, SW-846 methods, with the exception of required method use for the analysis of method-defined parameters, are intended to be guidance methods which contain general information on how to perform an analytical procedure or technique which a laboratory can use as a basic starting point for generating its own detailed Standard Operating Procedure (SOP), either for its own general use or for a specific project application. The performance data included in this method are for guidance purposes only, and are not intended to be and must not be used as absolute QC acceptance criteria for purposes of laboratory accreditation.

1.0 SCOPE AND APPLICATION

1.1 This method is designed to provide the liquid-solid partitioning (LSP) of inorganic constituents (e.g., metals, radionuclides) and non-volatile organic constituents (e.g., polycyclic aromatic hydrocarbons (PAHs), dissolved organic carbon) in a granular solid material as a function of liquid-to-solid ratio (L/S) under percolation conditions. The first eluates of the column test may provide insight into the composition of pore solution either in a granular bed (e.g., soil column) or in the pore space of low-permeability material (e.g., solidified monolithic or compacted granular fill). Analyses of eluates for dissolved organic carbon and of the solid phase for total organic carbon afford evaluation of the impact of organic carbon release and the influence of dissolved organic carbon on the LSP of inorganic constituents.

1.2 This method is intended to be used as part of environmental leaching assessment for the evaluation of disposal, beneficial use, treatment effectiveness and site remediation.

1.3 This method is suitable to a wide range of granular solid materials. Example materials include industrial wastes, soils, sludges, combustion residues, sediments, construction materials, and mining wastes. This method is not suitable to monolithic materials (e.g., cement-based and stabilized materials) without particle-size reduction prior to testing.

[1] This method has been derived from the CT001 procedure (Ref. 4) and is analogous to column percolation method CEN/TS14405 (Ref. 2) developed for the Comité Européen de Normalisation (CEN).

1.4 This test method is intended as a means for obtaining a series of extracts (i.e., the eluates) of a granular solid material which may be used to show eluate concentrations and/or cumulative release as a function of L/S which can be related to a time scale when data on mean infiltration rate, density and height of application are available.

1.5 This method provides options for the preparation of analytical samples that provide flexibility based on the level of detail required. For example, when the purpose of characterization is for comparison to previous testing, compositing of eluates may be possible to create a reduced set of analytical samples. Table 1 outlines the eluate fractions and collection options, based on whether concentration or cumulative release is to be reported. The collection schemes are described below.

1.5.1 Complete characterization

For complete characterization of eluate concentration and cumulative release as a function of L/S, nine discrete eluate collections and analyses are required (see Table 1, Option A). No compositing of eluate fractions is performed for complete characterization, and all eluate fractions are analyzed.

Eluate concentrations from complete characterization may be used in conjunction with information regarding environmental management scenarios to estimate anticipated leaching concentrations, release rates, and extents of release for individual material constituents in the management scenarios evaluated. Eluate concentrations may also be used along with geochemical speciation modeling to infer the mineral phases that control the LSP in the pore structure of the solid material.

1.5.2 Limited analysis

Under a limited analysis approach, nine eluate collections and analysis of six analytical samples are required. If evaluation is based on eluate concentrations, six discrete eluate fractions are chemically analyzed (see Table 1, Option B). If evaluation is based on cumulative release, some eluate fractions are composited by volume-weighted averaging to create a set of six analytical samples (see Table 1, Option C). The concentrations of composite analytical samples cannot be interpreted along with eluate fractions on the basis of concentration.

1.5.3 Index testing

For the determination of consistency between the subject material and previously characterized materials, nine eluate collections and analysis of three analytical samples are required. If consistency is to be determined by eluate concentrations, three discrete eluate fractions are chemically analyzed (see Table 1, Option D). If consistency is to be determined by cumulative release, some eluate fractions are composited by volume-weighted averaging to create a set of three analytical samples (see Table 1, Option E). The concentrations of composited analytical samples cannot be interpreted along with eluate fractions on the basis of concentration.

1.6 This method is not applicable to characterize the release of volatile organic analytes.

1.7 This method provides eluate solutions considered indicative of leachate under field conditions only where the field leaching pH is controlled by the alkalinity or acidity of the solid material and the field leachate is not subject to dilution or other attenuation mechanisms. The cumulative mass of constituent released over a L/S range may be considered an estimate of the maximum mass of that constituent to be leached under field leaching over intermediate time frames (e.g., up to 100 years) and the domain of laboratory test pH.

1.8 Prior to employing this method, analysts are advised to take reasonable measures to ensure that the granular sample is homogenized to the extent practical. Particle-size reduction may provide additional assurance of sample homogenization.

1.9 In preparation of solid materials for use in this method, particle-size reduction or exclusion of samples with large grain size is used to enhance the approach towards liquid-solid equilibrium over the residence time of eluent in the column.

1.10 The structure and use of this method is similar to that of NEN 7343 (see Ref. 1) and CEN TS 14405 (see Ref. 2).

1.11 Prior to employing this method, analysts are advised to consult the base method for each type of procedure that may be employed in the overall analysis (e.g., Methods 9040, 9045, and 9050, and the determinative methods for the target analytes), quality control (QC) acceptance criteria, calculations, and general guidance. Analysts also should consult the disclaimer statement at the front of the manual and the information in Chapter Two for guidance on the intended flexibility in the choice of methods, apparatus, materials, reagents, and supplies, and on the responsibilities of the analyst for demonstrating that the techniques employed are appropriate for the analytes of interest, in the matrix of interest, and at the concentration levels of concern.

In addition, analysts and data users are advised that, except where explicitly specified in a regulation, the use of SW-846 methods is not mandatory in response to Federal testing requirements. The information contained in this method is provided by EPA as guidance to be used by the analyst and the regulated community in making judgments necessary to generate results that meet the data quality objectives for the intended application. Guidance on defining data quality objectives can be obtained at http://www.epa.gov/QUALITY/qs-docs/g4-final.pdf

1.12 Use of this method is restricted to use by, or under supervision of, properly experienced and trained personnel. Each analyst must demonstrate the ability to generate acceptable results with this method.

2.0 SUMMARY OF METHOD

Eluent is introduced into a column of moderately-packed granular material in an up-flow pumping mode, with eluate collection performed as a function of the cumulative L/S. Up-flow pumping is used to minimize air entrainment and flow channeling. The default eluent for most materials is reagent water. However, a solution of 1.0 mM calcium chloride in reagent water is used when testing materials with either a high clay content (i.e., to prevent deflocculation of clay layers) or high organic matter (i.e., to moderate mobilization of dissolved organic carbon). The flow rate is maintained between 0.5-1.0 L/S per day to increase the likelihood of local equilibrium between the solid and liquid phases, due to residence times longer than 1 day. Eluate volumes are chemically analyzed for a combination of inorganic and non-volatile organic

analytes depending on the constituents of potential concern (COPC). For the purposes of chemical speciation modeling, the entire eluent volume up to 10 mL/g dry sample (g-dry) is collected in nine specific aliquots of varying volume. A limited subset of eluents volumes within the same L/S range may be collected and analyzed for regulatory and compliance purposes. A flowchart for performing this method is shown in Figure 1.

3.0 DEFINITIONS

3.1 COPC — A chemical species of interest, which may or may not be regulated, but may be characteristic of release-controlling properties of the sample geochemistry.

3.2 Release — The dissolution or partitioning of a COPC from the solid phase to the aqueous phase during laboratory testing (or under field conditions). In this method, mass release is expressed in units of mg COPC/kg dry solid material.

3.3 LSP — The distribution of COPCs between the solid and liquid phases at the conclusion of the extraction.

3.4 Liquid-to-solid ratio (L/S) — The fraction of the total liquid volume (including the moisture contained in the “as used” solid sample) to the dry mass equivalent of the solid material. L/S is typically expressed in volume units of liquid per dry mass of solid material (mL/g-dry).

3.5 “As-tested” sample — The solid sample at the conditions (e.g., moisture content and particle-size distribution) present at the time of the start of the test procedure. The “as-tested” conditions will differ from the "as-received" sample conditions if particle-size reduction and drying were necessarily performed.

3.6 Dry-mass equivalent — The mass of “as-tested” (i.e., “wet”) sample that equates to the mass of dry solids plus associated moisture, based on the moisture content of the “as-tested” material. The dry-mass equivalent is typically expressed in mass units of the “as-tested” sample (g).

3.7 Refer to the SW-846 chapter of terms and acronyms for potentially applicable definitions.

4.0 INTERFERENCES

4.1 Solvents, reagents, glassware, and other sample processing hardware may yield artifacts and/or interferences to sample analysis. All of these materials must be demonstrated to be free from interferences under the conditions of the analysis by analyzing method blanks. Specific selection of reagents and purification of solvents by distillation in all-glass systems may be necessary. Refer to each method to be used for specific guidance on quality control procedures and to Chapters Three and Four for general guidance on the cleaning of laboratory apparatus prior to use.

4.2 When the test method is applied to solid materials with a clay content greater than 10% or an organic matter content greater than 1%, a solution of 1.0 mM calcium chloride in reagent water is recommended to minimize deflocculation of clay minerals. However, the use of

calcium chloride solution will interfere with the determination of actual calcium and chloride release.

4.3 When this method is applied to fine-grained, granular materials, tamping during column preparation may result in flow problems due to a low-permeability sample bed. This problem can be resolved by incorporating 20-50% inert material (e.g., 20–30-mesh normal sand or 2-mm borosilicate glass beads) into the solid sample. Alternatively, mass release from low-permeability materials may be measured using Method 1315.

5.0 SAFETY

5.1 This method does not address all safety issues associated with its use. The laboratory is responsible for maintaining a safe work environment and a current awareness file of OSHA regulations regarding the safe handling of the chemicals listed in this method. A reference file of material safety data sheets (MSDSs) should be available to all personnel involved in these analyses.

6.0 EQUIPMENT AND SUPPLIES

The mention of trade names or commercial products in this manual is for illustrative purposes only, and does not constitute an EPA endorsement or exclusive recommendation for use. The products and instrument settings cited in SW-846 methods represent those products and settings used during the method development or subsequently evaluated by the Agency. Glassware, reagents, supplies, equipment, and setting other than those listed in this manual may be employed provided that method performance appropriate for the intended application has been demonstrated and documented.

This section does not list common laboratory glassware (e.g., beakers and flasks).

6.1 Column apparatus

This method recommends the use of a specific column apparatus (see Figure 2). Equipment with equivalent specifications may be substituted. The apparatus should have valves and quick connectors (e.g., Luer lock fittings) such that the column with end caps can be removed for packing with test material and mass measurements.

6.1.2 A 30-cm, straight cylindrical column with an inner diameter (ID) of 5-cm and constructed of inert material, resistant to high- and low-pH conditions and interaction with constituents of interest.

6.1.2.1 For the evaluation of inorganic COPC mobility, equipment composed of borosilicate glass (e.g., Kimble-Kontes CHROMAFLEX #420830-3020 or equivalent), polytetra-fluoroethylene (PTFE), high density polyethylene (HDPE), polypropylene (PP), or polyvinyl chloride (PVC) is recommended.

6.1.2.2 For the evaluation of non-volatile organic and mixed organic/inorganic COPCs, equipment composed of glass or Type 316 stainless steel is recommended. PTFE is not recommended for non-volatile organics,

due sorption of species with high hydrophobicity (e.g., PAHs). Borosilicate glass is recommended over other types of glass, especially when inorganic analytes are of concern.

6.1.3 The column must be of sufficient volume to accommodate a minimum of a 300–g-dry material plus a 1-cm layer of silica sand (20-30 mesh) used at the bottom of the column to distribute eluent flow and at the top of the column to form a coarse filter for eluate particulates.

6.1.4 The column must have end cap materials that form a leak-proof seal and that can withstand pressures, such as encountered when pumping eluent through the column.

6.2 Eluent feed stock container — Resealable bottle or other container, constructed of inert material, capable of withstanding extreme pH conditions and interaction with any constituents of interest (see guidance in Sec. 6.1.2.).

6.3 Eluent feed tubing — 2-mm or similarly small ID tubing composed of chemically-inert material such as polyvinyl chloride or equivalent.

NOTE: Larger ID tubing may be required as a feed to the pump and manifold if a single eluent stock container is used to feed multiple column set-ups.

6.4 Eluate collection bottles — capable of assembly with column apparatus using simple water locks in order to prevent the intrusion of air (see Figure 2).

6.5 20–30-mesh normal washed quartz sand

6.6 Balance — Capable of 0.01-g resolution for masses less than 500 g.

6.7 Filtration apparatus — Pressure or vacuum filtration apparatus composed of appropriate materials so as to maximize the collection of extracts and minimize loss of the COPCs (e.g., Nalgene #300-4000 or equivalent) (see Sec. 6.1).

6.8 Filtration membranes — Composed of PP or equivalent material with an effective pore size of 0.45-µm (e.g., Gelman Sciences GH Polypro #66548 from Fisher Scientific or equivalent).

6.9 pH Meter — Laboratory model with the capability for temperature compensation (e.g., Accumet 20, Fisher Scientific or equivalent) and a minimum resolution of 0.1 pH units.

6.10 pH combination electrode — Composed of chemically-resistant materials.

6.11 Conductivity meter — Laboratory model (e.g., Accumet 20, Fisher Scientific or equivalent), with a minimum resolution of 5% of the measured value.

6.12 Conductivity electrodes — Composed of chemically-resistant materials.

7.0 REAGENTS AND STANDARDS

7.1 Reagent-grade chemical must be used in all tests. Unless otherwise indicated, it is intended that all reagents conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specification are available. Other grade may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination. Inorganic reagents and extracts should be stored in plastic to prevent interaction of constituents from glass containers.

7.2 Reagent water must be interference free. All references to water in this method refer to reagent water unless otherwise specified.

7.3 Calcium chloride (1.0 mM), $CaCl_2$ — Prepared by dissolving 0.11 g of ACS grade or better solid calcium chloride in 1 L of reagent water.

8.0 SAMPLE COLLECTION, PRESERVATION, AND STORAGE

8.1 See the introductory material to Chapter Three “Inorganic Analytes” and Chapter Four “Organic Analytes.”

8.2 All samples should be collected using an appropriate sampling plan.

8.3 All analytical sample containers should be composed of materials that minimize interaction with solution COPCs. For further information, see Chapters Three and Four.

8.4 Preservatives should not be added to samples before extraction.

8.5 Samples can be refrigerated, unless refrigeration results in an irreversible physical change to the sample.

8.6 Extracts should be preserved according to the guidance given in the individual determinative methods for the COPCs.

8.7 Extract holding times should be consistent with the aqueous sample holding times specified in the determinative methods for the COPCs.

9.0 QUALITY CONTROL

9.1 Refer to Chapter One for guidance on quality assurance (QA) and QC protocols. When inconsistencies exist between QC guidelines, method-specific QC criteria take precedence over both technique-specific criteria and those criteria given in Chapter One, and technique-specific QC criteria take precedence over the criteria in Chapter One. Any effort involving the collection of analytical data should include development of a structured and systematic planning document, such as a Quality Assurance Project Plan (QAPP) or a Sampling and Analysis Plan (SAP), which translates project objectives and specifications into directions for those that will implement the project and assess the results. Each laboratory should maintain a formal quality assurance program. The laboratory should also maintain records to document the quality of the data generated. All data sheets and quality control data should be maintained for reference or inspection.

9.2 In order to demonstrate the purity of reagents, at least one eluent blank should be tested. If multiple batches of eluent are employed, one eluent blank from each batch should be analyzed.

9.3 The analysis of extracts should follow appropriate QC procedures, as specified in the determinative methods for the COPCs. Refer to Chapter One for specific quality control procedures.

9.4 Unless the "as-received" samples are part of a time-dependent (e.g., aging) study, solid materials should be processed and tested within one month of their receipt.

9.5 Initial demonstration of proficiency (IDP)

Leachate methods are not amenable to typical initial demonstrations of proficiency as reference materials with known values are usually not available. However, prior to using this method an analyst should have documented proficiency in the skills required for successful implementation of the method. For example, skill should be demonstrated in the use of an analytical balance, the determination of pH using methods 9040 and 9045 and the determination of conductance using method 9050.

10.0 CALIBRATION AND STANDARDIZATION

10.1 The balance should be calibrated and certified at a minimum annually or in accordance with laboratory policy.

10.2 Prior to measurement of eluate pH, the pH meter should be calibrated using a minimum of two standards that bracket the range of pH measurements. Refer to Methods 9040 and 9045 for additional guidance.

10.3 Prior to measurement of eluate conductivity, the meter should be calibrated using at least one standard at a value greater than the range of conductivity measurements. Refer to Method 9050 for additional guidance.

11.0 PREPARATORY PROCEDURES

A flowchart for the method procedure is presented in Figure 1. Microsoft Excel data templates are available to aid in collection and archiving of laboratory and analytical data.[2]

11.1 Particle-size reduction (if required)

11.1.1 In this method, particle-size reduction is used to prepare large-grained samples for the column test so that the approach toward liquid-solid equilibrium is enhanced and fluid channeling along column walls is minimized. The maximum particle size of the solid should ≤ 1/20 of the column diameter. For the column recommended in this method, a maximum particle size of 2.5 mm is acceptable. Therefore, 85% of the test material should pass through a 2.38-mm (U.S. No. 8) sieve.

[2] The Excel data templates form the basis for uploading method data into the data management program, LeachXS Lite™. Both the data templates and LeachXS Lite are available at http://vanderbilt.edu/leaching.

If less than 15% of the solid material is larger than the maximum acceptable particle size, this fraction of the solid may be excluded from the material tested, rather than particle size-reduced. The mass and nature of the discarded fraction should be documented.

11.1.2 Particle-size reduction of "as received" sample may be achieved through crushing, milling or grinding with equipment made from chemically-inert materials. During the reduction process, care should be taken to minimize the loss of sample and potentially volatile constituents in the sample.

11.1.3 If the moisture content of the "as received" material is greater than 15% (wet basis), air drying or desiccation may be necessary. Oven drying is not recommended for the preparation of test samples due to the potential for mineral alteration and volatility loss. In all cases, the moisture content of the "as received" material should be recorded.

NOTE: If the solid material is susceptible to interaction with the atmosphere (e.g., carbonation, oxidation), drying should be conducted in an inert environment.

11.1.4 When the material seems to be of a somewhat uniform particle size, calculate the percentage less than the sieve size as follows:

$$\%\ \text{Passing} = \frac{M_{sieved}}{M_{total}} \times 100\%$$

Where: M_{sieved} = mass of sample passing the sieve (g)
M_{total} = mass of total sample (g) (e.g., M_{sieved} + mass not passing sieve)

11.1.5 The fraction retained by the sieve should be recycled for further particle-size reduction until at least 85% of the initial mass has been reduced below the designated maximum particle size. Calculate and record the final percentage passing the sieve and the designated maximum particle size. For the uncrushable fraction of the "as received" material, record the fraction mass and nature (e.g., rock, metal or glass shards, etc).

11.1.6 Store the size-reduced material in an airtight container in order to prevent contamination via gas exchange with the atmosphere. Store the container in a cool, dark and dry place prior to use.

11.2 Determination of solids and moisture content

11.2.1 In order to calculate eluate collection as a function of the dry-mass equivalent of "as tested" sample material, the solids content of the solid sample material should be determined and recorded. In this method, the moisture content is determined and recorded on the basis of the "wet" or "as-tested" sample.

WARNING: The drying oven should be contained in a hood or otherwise properly ventilated. Significant laboratory contamination or inhalation hazards may result when drying heavily contaminated samples. Consult the laboratory safety officer for proper handling procedures prior to drying samples that may contain volatile, hazardous, flammable or explosive materials.

11.2.2 Place a 5–10-g sample of solid material into a clean, pre-tared dish or crucible. Dry the sample to a constant mass at 105 ± 2 °C. Periodically check the sample mass after allowing the sample to cool to room temperature (20 ± 2 °C) in a desiccator.

NOTE: The oven-dried sample is not used for the extraction and should be properly disposed of once the dry mass is determined.

11.2.3 Calculate and report the solids content as follows:

$$SC = \frac{M_{dry}}{M_{test}}$$

Where: SC = solids content (g-dry/g)
M_{dry} = mass of oven-dried sample (g-dry)
M_{test} = mass of "as-tested" sample (g)

11.2.4 Calculate and report the moisture content (wet basis) as follows:

$$MC_{wet} = \frac{M_{test} - M_{dry}}{M_{test}}$$

Where: $MC_{(wet)}$ = moisture content on a wet basis (g_{H_2O}/g)
M_{dry} = mass of oven-dried sample (g-dry)
M_{test} = mass of "as-tested" sample (g)

11.3 Apparatus preparation

11.3.1 Prepare the column test apparatus as depicted in Figure 2. Eluent feed should be directed through the lower end cap and upwards into the column to minimize air retention in the packed bed and fluid channeling along the column walls.

NOTE: When solid samples may be affected by dissolved oxygen in the feed stock, an inert gas (e.g., nitrogen or argon) may be bubbled through the feed solution to displace oxygen or used to purge the headspace above the feed solution.

NOTE: When alkaline or other air-sensitive eluates are expected, the vapor space of empty collections bottles may be purged with an inert gas (e.g., nitrogen or argon) prior to eluate collection.

11.4 Column packing

11.4.1 The column is packed with test material surrounded by layers of quartz sand at the top and bottom of the column to provide flow pattern regulation and coarse filtration.

NOTE: The following procedure describes the packing of the column from starting at the outflow (top) of the column and ending with the inflow (bottom) of the column. This is done to allow for a wider layer of quart sand on the inflow side in cases where less than a full column of test material is available. The column is inverted prior to assembly into the leaching apparatus and initial wetting.

11.4.2 Record the mass of the empty column with end caps and any tubing leads or valves that would be needed to completely separate the column, with may include both solid material and water, from the entire apparatus.

11.4.3 Secure one end cap to the outflow side of the column and invert the column and end cap so that the outflow side of the column is facing downward.

11.4.4 Place an approximately 1-cm thick layer of quartz sand (Sec. 6.5) on the outflow side of the column using a small scoop or spoon. Record the mass of the column and sand layer. Level the sand layer by tapping the sides of the column.

11.4.5 Pack the main body of the column with a minimum 300-g dry-mass equivalent of “as tested” sample in approximately five layers with light tamping with a glass or plastic rod to level the material between layers. When enough test material is available to produce a full column, the top of the packed sample should be approximately 1 cm from the level of the column interface with the inflow end cap (the end facing upwards). Record the mass of the column, lower sand layer, and “as tested” sample.

11.4.6 Place a layer of sand to fill the remaining gap between the sample packing and the interface between the column and inflow end cap. When enough test material is available to pack a full column, the sand layer at the inflow end of the column should be approximately 1-cm. This gap may be larger if less test material is used. Record the total mass of the completely-packed column.

11.4.7 Secure the inflow end cap. Invert the column so that the inflow end of the column is downward prior to inserting the column into the leaching apparatus.

11.4.8 Calculate the “as tested” mass of the sample packing by subtracting the mass of the column and lower sand layer (Sec. 11.3.3) from the mass of the column, sand layer and packing (Sec. 11.3.4).

11.4.9 Calculate the dry-mass equivalent packed of “as tested” sample into the column using the solids content as follows:

$$M_{dry} = SC \cdot M_{test}$$

Where: M_{dry} = dry-mass equivalent of sample in column (g-dry)
SC = solids content (g-dry/g)
M_{test} = mass of "as tested" sample in column (g)

11.4 Pump setup

11.4.1 Prior to the start of the test, set the flow rate of the pump to a value that will provide an eluate production rate of 0.75 ± 0.25 L/S per day. For example, given a dry-mass equivalent of 300 g-dry, an L/S of 0.75 mL/g-dry would translate to a volume of 225 mL/g-dry, in which case the pump should be set to a flow rate of 225 mL (0.75 L/S) per day.

11.4.2 Prime the tubing with eluent

11.4.2.1 Detach the inlet tubing from the bottom of the column and place the open end into a waste container.

11.4.2.2 Turn on the pump and allow the inlet tubing to fill with eluent. Remove any air bubbles trapped in the inlet tubing.

11.4.2.3 When the inlet tubing is full with eluent, stop the pump and reconnect the tubing to the bottom of the column.

11.5 Eluent collection schedule

11.5.1 Table 2 provides a schedule of fraction end-point L/S, interval L/S, and eluate fraction volumes for collection, assuming a dry-mass equivalent of 300 g-dry. The minimum volume of each collection bottle should be scaled so as to capture the entire eluate fraction.

11.5.2 Using the assumed pump rate and the dry-mass equivalent of the sample, calculate the durations of column testing required to reach the target eluate collection L/S shown in Table 2 as follows:

$$T_i = \frac{M_{dry} - \sum L/S_i}{R_i}$$

Where: T_i = target time from start for collection of eluent fraction i (day)
M_{dry} = dry-mass equivalent of sample in column (g-dry)
$\sum L/S_i$ = target cumulative L/S for interval i from Table 1 (mL/g-dry)
R_i = pump rate assumed for interval i (mL/day)

Alternatively, use the provided Microsoft® Excel spreadsheet template to develop the schedule of target collection times.

NOTE: The schedule of predicted collection times is for reference purposes only. Typically, the eluate collection rate is slower that predicted initially, due in part to pump inefficiencies, back pressure and dead-volume lag times. The decision to switch collection bottles should be made based on the volume of eluate collected with time. The schedule may be revised with each eluate fraction collected, so that the prediction of future collections may be more accurate. Pump flow-rate adjustment may be necessary.

12.0 COLUMN TEST PROCEDURE

12.1 Column/eluent equilibration

12.1.1 Turn on the pump and allow the column to fill with eluent, thus wetting the column packing.

12.1.2 When the column packing is completely wetted and the eluent level is even with the top of the column (or just beginning to be seen through the effluent tubing at the top of the column apparatus), stop the pump and allow the column to equilibrate for 21 ± 3 hours.

12.2 Column test

12.2.1 Following equilibration, begin the column test by starting the pump and recording the date and time.

NOTE: The eluate production rate should be monitored frequently during the column test and the pump rate adjusted, such that the eluate production rate is maintained at approximately 0.75 ± 0.25 L/S per day.

12.2.2 When the eluate fraction has reached the target volume according to the predicted collection schedule, release the Luer lock connecting the active collection bottle and attach the eluent tubing to a new collection bottle.

NOTE: Alkaline eluate solutions may be susceptible to neutralization due to carbon dioxide uptake. When materials with alkaline pH are tested, precautions (e.g., purging collection bottles with inert gas) should be taken to prevent contact of the eluate with air.

12.3. Eluate processing

12.3.1 Decant a minimum volume (~ 5 mL) of the eluate fraction from the collection vessel in order to measure the solution characteristics.

12.3.2 Measure and record the pH, specific conductivity, and oxidation-reduction potential (ORP) of the eluate (see Methods 9040, 9045, and 9050).

NOTE: Measurement of pH, conductivity and ORP should be taken within 15 minutes of eluate processing (Sec. 12.3.1) to avoid neutralization of the solution due to exposure to carbon dioxide, especially when alkaline materials are tested.

NOTE: The measurement of ORP is optional, but strongly recommended, especially when testing materials where oxidation is likely to change the LSP of COPCs.

12.3.3 Separate any suspended particulates from the remaining liquid in the collection bottle by pressure or vacuum filtration through a 0.45-µm filtration membrane (Sec.6.8).

NOTE: If either low-volatility organic species or mercury is a COPC, pressure filtration is recommended over vacuum filtration in order to minimize volatility losses.

12.3.4 Immediately, preserve and store the volume(s) of eluate required for chemical analysis. Preserve all analytical samples in a manner that is consistent with the determinative chemical analyses to be performed.

12.4 Reiterate Secs. 12.2.2-12.3.4 until nine eluate fractions are collected up to an LS ratio of 10 ± 0.2 mL/g-dry.

NOTE: The complete method requires that all nine eluate fractions be collected from the column. However, for purposes of limiting chemical analysis or index testing where interpretation may be based on cumulative release from the column, eluate fractions may be composited by volume-weighted averaging to create a single analytical sample from multiple eluate fractions (see Sec 12.5).

12.5. Analytical sample preparation options

This method allows for options in the preparation of analytical samples based on the detail of characterization required (e.g., complete, limited or index) and the basis for data reporting (e.g., concentration or cumulative release). However, the complete set of nine eluate fractions must be collected in all cases.

12.5.1 Table 1 shows the analytical preparation scheme for Options A-E described in the following sections. Each composite sample may be created either by combining the total eluate volumes and preserving the total sample for analysis; or combining aliquots of two eluate fractions using volume-weighted averages. However, it is recommended that composite analytical samples be prepared using aliquots of eluate fractions whenever possible, rather than whole eluate fractions as this approach allows for potential analysis of discrete eluate fractions if desired at a later date.

12.5.1.1 Option A — This sample preparation option is used for complete characterization and includes analysis of all eluate fractions. Since the entire cumulative release curve is captured in nine discrete fractions, reported data may be based on either eluate concentrations or cumulative release.

12.5.1.2 Option B — This sample preparation option is used only for limited analyses based on eluate concentration. Six discrete eluate fractions are analyzed. Data obtained using this option cannot be used for cumulative release since there are sections of the cumulative release curve not analyzed.

12.5.1.3 Option C — This sample preparation option is used only for limited analysis based on cumulative release. Six analytical samples are created from three discrete eluate fractions and three composite samples. In the scheme shown in Table 1, the following fractions are composited:

- T04 and T05
- T06 and T07
- T08 and T09

12.5.1.4 Option D — This sample preparation option is used only for index testing based on eluate concentration. Three discrete eluate fractions are analyzed. Data obtained using this option cannot be used for cumulative release since there are sections of the cumulative release curve not analyzed.

12.5.1.5 Option E — This sample preparation option is used only for index testing based on cumulative release. Three analytical samples are created from one discrete eluate fraction and two composite samples. In the scheme shown in Table 1, the following fractions are composited:

- T02, T03, T04, and T05
- T06, T07, T08, and T09

12.5.2 Volume-weighted composites

12.5.2.1 The volume of aliquots of eluate fractions for composite analytical samples may be calculated using the Excel template provided or the following formula:

$$V_i = \frac{F_i}{\sum_i^n F_i} \times V_{sample}$$

Where: V_i = the volume of an aliquot from eluate fraction i (mL)
F_i = the collected volume of eluate fraction i (mL)
V_{sample} = the total volume of the analytical sample (mL)
n = total number of eluate fractions to be composited

As an illustration of volume-weighted averaging, eluate fraction aliquots are calculated as required to create an analytical sample by compositing eluate fractions T06 through T09 for index testing based on cumulative release. The calculation follows the example volumes shown in Table 2 and assumes that an analytical sample volume of 100 mL is required.

$$\sum_i^n F_i = F_{T06} + F_{T07} + F_{T08} + F_{T09} = 450 \text{ mL} + 150 \text{ mL} + 1350 \text{ mL} + 150 \text{ mL} = 2100 \text{ mL}$$

$$V_{T06} = \frac{F_{T06}}{\sum_{i}^{n} F_i} \times V_{sample} = \frac{450\ mL}{2100\ mL} \times 100\ mL = 21.5\ mL$$

$$V_{T07} = \frac{F_{T07}}{\sum_{i}^{n} F_i} \times V_{sample} = \frac{150\ mL}{2100\ mL} \times 100\ mL = 7.1\ mL$$

$$V_{T08} = \frac{F_{T08}}{\sum_{i}^{n} F_i} \times V_{sample} = \frac{1350\ mL}{2100\ mL} \times 100\ mL = 64.3\ mL$$

$$V_{T09} = \frac{F_{T09}}{\sum_{i}^{n} F_i} \times V_{sample} = \frac{150\ mL}{2100\ mL} \times 100\ mL = 7.1\ mL$$

$$V_{sample} = V_{T06} + V_{T07} + V_{T08} + V_{T09} = 21.5\ mL + 7.1\ mL + 64.3\ mL + 7.1\ mL = 100.0\ mL$$

NOTE: The above illustration uses example eluate fraction volumes based on interval LS ratios and an assumed test material mass. When calculating the aliquots of collected eluates fractions for composite samples, the actual collected fraction volumes should be used.

13.0 DATA ANALYSIS AND CALCULATIONS (EXCEL TEMPLATE[3])

13.1 Data reporting

Figure 3 presents an example of a data sheet that may be used to report the concentration results of this method. This example is included in the Excel template. At a minimum, the basic test report should include the following:

a) Name of the laboratory
b) Laboratory contact information
c) Date and time at the start of eluate flow (start of test)
d) Name or code of the solid material tested
e) Particle size (85 wt% less than)
f) Packed bed dimensions (column ID and bed depth (cm))
g) Mass of solid material in column packing
h) Moisture content of solid material packed in column (g_{H_2O}/g)
i) Eluate specific information (see below)

The minimum set of data that should be reported for each eluate includes:

a) Eluate sample ID

[3] Excel data templates are provided to aid in collection and archiving of laboratory and analytical data. These templates form the basis for uploading method data into the data management program, LeachXS Lite™. Both the data templates and LeachXS Lite are available at http://vanderbilt.edu/leaching.

b) Eluate collection date and time
c) Amount of eluate collected (mass or volume)
d) Measured eluate pH
e) Measured eluate conductivity (mS/cm)
f) Measured ORP (mV) (optional)
g) Concentration of all COPCs
h) Analytical QC qualifiers as appropriate

13.2 Data Interpretation (optional)

13.2.1 Concentration as a function of LS ratio

13.2.1.1 A curve of the eluate concentration as a function of L/S can be generated for each COPC after chemical analysis of all extracts by plotting the constituent concentration in the liquid phase as a function of the cumulative collected LS ratio. The curve indicates the nominal equilibrium concentration of the constituent of interest as a function of L/S from 0 to 10 mL/g-dry at natural pH. An example such curve is provided in Figure 4.

13.2.1.2 The lower limit of quantitation (LLOQ) of the determinative method for each COPC may be shown as a horizontal line. COPC concentrations below this line indicate negligible or non-quantitative concentrations.

NOTE: The lower limit of quantitation is highly matrix dependent and should be determined as part of a QA/QC plan.

13.3 Cumulative release as a function of LS ratio

13.4.1 The cumulative mass release of a COPC per unit solid material may be calculated as follows:

$$\Sigma M_i = \sum_{i=1}^{9} \left[C_i \times \left(\Sigma L/S_i - \Sigma L/S_{i-1} \right) \right]$$

Where: ΣM_i = the cumulative mass release through interval i (mg/kg-dry])
C_i = the concentration of the COPC in the eluent collected during interval i (mg/L)
$\Sigma L/S_i$ = the cumulative LS ratio of eluate collected through interval i (L/kg-dry)
$\Sigma L/S_{i-1}$ = the cumulative LS ratio of eluate collected through interval i-1 (L/kg-dry)

13.4.2 Prepare a curve of the cumulative mass release generated for each COPC by plotting the cumulative mass release calculated in Sec. 13.4.1 as a function of the cumulative collected L/S. This curve provides an interpretation of the cumulative mass expected to be leached from a column of material as a function of LS ratio percolating through the column.

13.4.3 A comparison of the slope of the mass release curve to a unity slope, which is indicative of solubility-controlled release, may be made by plotting the cumulative mass release calculated in Sec. 13.4.1 versus the logarithm of the cumulative collected L/S. An example is provided in Figure 5.

13.3 Interpolation/extrapolation to target L/S values

The collected L/S-dependence data may be interpolation or extrapolated to the nearest target L/S value for purposes of comparing different data sets (e.g., test replicates of the same or different materials). The most transparent and straight-forward method is linear interpolation/extrapolation of data after $\log_{10}$-transformation.

13.3.1 Log_{10}-transform

Collected concentration values are transformed by taking the $\log_{10}$ of the measured concentration at each test position, i:

$$C_i = \log_{10}(c_i)$$

Where: c_i = the concentration measured at test position, i, (mg/L)
C_i = $\log_{10}$-transformed concentration at test position, i, ($\log_{10}$[mL/g-dry])

13.3.2 Linear interpolation/extrapolation

Given a set of coordinate data { ($\Sigma L/S_i$,C_i) : i = 1,...n } sorted by into increasing order by $\Sigma L/S$ value (e.g., $\Sigma L/S_1 < \Sigma L/S_2 < \cdots < \Sigma L/S_n$), an interpolated/extrapolated $\log_{10}$-transformed concentration at a known L/S target is calculated as:

$$C_T = a_T + b_T \cdot \Sigma L/S_T$$

Where: $\Sigma L/S_T$ = a target pH value
C_T = the concentration at target $\Sigma L/S$ value, $\Sigma L/S_T$ ($\log_{10}$[mg/L])

Depending on the values of observed L/S values relative to target L/S values, the calculations of the coefficients a_T and b_T in the equation may differ according to the following algorithm:

- If $\Sigma L/S_T < \Sigma L/S_1$, then $b_T = (C_2 - C_1) / (\Sigma L/S_2 - \Sigma L/S_1)$ and $a_T = C_2 - b_T \cdot \Sigma L/S_2$ (extrapolation from the two points with closest L/S values);
- If $\Sigma L/S_T \geq \Sigma L/S_n$, then $b_T = (C_n - C_{n-1}) / (\Sigma L/S_n - \Sigma L/S_{n-1})$ and $a_T = C_n - b_T \cdot \Sigma L/S_n$ (extrapolation from the two points with closest L/S values);
- If $\Sigma L/S_{j-1} \leq \Sigma L/S_T < \Sigma L/S_j$, then $b_T = (C_j - C_{j-1}) / (\Sigma L/S_j - \Sigma L/S_{j-1})$and $a_T = y_j - b_T \cdot \Sigma L/S_j$ (interpolation from the two closest points surrounding $\Sigma L/S_T$).

NOTE: Interpolation or extrapolation of data should only be conducted within a distance of ±20% of the target L/S value. Since the allowable L/S tolerance about a target

L/S values is variable (see Table 2), interpolation/extrapolation should not create data at a target L/S value where collected data is missing.

14.0 METHOD PERFORMANCE

14.1 Performance data and related information are provided in SW-846 methods only as examples and guidance. The data do not represent required performance criteria for users of the methods. Instead, performance criteria should be developed on a project-specific basis, and the laboratory should establish in-house QC performance criteria for the application of this method. These performance data are not intended to be and must not be used as absolute QC acceptance criteria for purposes of laboratory accreditation.

14.2 Interlaboratory validation of this method was conducted using a contaminated smelter site soil (material code CFS) and a brass foundry sand (material code JaFS). Repeatability and reproducibility was determined at an L/S of 10 mL/g-dry for eluate concentration (see Table 3) and for cumulative mass released (see Table 4). More details on the interlaboratory validation may be found in Ref. 3.

14.3 Refs. 4 and 5 may provide additional guidance and insight on the use, performance and application of this method.

15.0 POLLUTION PREVENTION

15.1 Pollution prevention encompasses any technique that reduces or eliminates the quantity and/or toxicity of waste at the point of generation. Numerous opportunities for pollution prevention exist in laboratory operations. The EPA has established a preferred hierarchy of environmental management techniques that places pollution prevention as the management option of first choice. Whenever feasible, laboratory personnel should use pollution prevention techniques to address their waste generation. When wastes cannot be feasibly reduced at the source, the Agency recommends recycling as the next best option.

15.2 For information about pollution prevention that may be applicable to laboratories and research institutions consult Less is Better: Laboratory Chemical Management for Waste Reduction available from the American Chemical Society's Department of Government Relations and Science Policy, 1155 16th St., N.W. Washington, D.C. 20036, http://www.acs.org.

16.0 WASTE MANAGEMENT

The Environmental Protection Agency requires that laboratory waste management practices be conducted consistent with all applicable rules and regulations. The Agency urges laboratories to protect the air, water, and land by minimizing and controlling all releases from hoods and bench operations, complying with the letter and spirit of any sewer discharge permits and regulations, and by complying with all solid and hazardous waste regulations, particularly the hazardous 1314 - 18 Rev 0 January 2009 Pre-release DRAFT for comment waste identification rules and land disposal restrictions. For further information on waste management, consult The Waste Management Manual for Laboratory Personnel available from the American Chemical Society at the address listed in Sec. 15.2.

17.0 REFERENCES

1. NEN 7343 (1995) Leaching Characteristics of Solid Earth and Stony Materials – Leaching Tests – Determination of the leaching of Inorganic Constituents from Powdery and Granular Materials with the Percolation Test, Dutch Standardization Institute, Delft, The Netherlands.

2. CEN/TS14405 (2004) Characterization of Waste – Leaching Behaviour Tests – Up-flow Percolation Test (Under Specified Conditions), Comité Européen de Normalisation, Brussels, Belgium.

3. A.C. Garrabrants, D.S. Kosson, R. DeLapp, P. Kariher, P.F.A.B. Seignette, H.A. van der Sloot, L. Stefanski, and M. Baldwin (2012) "Interlaboratory Validation of the Leaching Environmental Assessment (LEAF) Method 1314 and Method 1315," Draft, U.S. Environmental Protection Agency, Washington DC, April 2012.

4. D.S. Kosson, H.A. van der Sloot, F. Sanchez and A.C. Garrabrants, (2002), "An Integrated Framework for Evaluating Leaching in Waste Management and Utilization of Secondary Materials," Environmental Engineering Science, 19(3) 159-204.

5. A.C. Garrabrants, D.S. Kosson, H.A. van der Sloot, F. Sanchez and O. Hjelmar (2010) "Background Information for the Leaching Environmental Assessment Framework (LEAF) Test Methods," EPA/600/R-10-170, U.S. Environmental Protection Agency, Washington, DC, December 2010.

18.0 TABLES, DIAGRAMS, FLOW CHARTS, AND VALIDATION DATA

The following pages contain the tables and figures referenced by this method.

TABLE 1

SCHEDULE OF FRACTION COLLECTIONS AND ANALYTICAL SAMPLES

Option		A		B	C	D	E
Fraction Label	ΣLS Ratio (mL/g-dry)	Characterization		Limited Analysis		Index Testing	
		Conc.	ΣRel	Conc.	ΣRel	Conc.	ΣRel
T01	0.2 ± 0.1	✓	✓	✓	✓	✓	✓
T02	0.5 ± 0.1	✓	✓	✓	✓		↓
T03	1.0 ± 0.1	✓	✓	✓	✓		↓
T04	1.5 ± 0.2	✓	✓		↓		↓
T05	2.0 ± 0.2	✓	✓	✓	✓T05c	✓	✓T05c
T06	4.5 ± 0.2	✓	✓		↓		↓
T07	5.0 ± 0.2	✓	✓	✓	✓T07c		↓
T08	9.5 ± 0.2	✓	✓		↓		↓
T09	10.0 ± 0.2	✓	✓	✓	✓T09c	✓	✓T09c

NOTE: ΣRel = Cumulative release.
✓ = Collect eluate fraction (or pool of fractions) as analytical sample.
↓ = composite eluate fraction with next fraction to create analytical sample.

TABLE 2

SCHEDULE OF ELUATE FRACTIONS FOR COLLECTION
WITH EXAMPLE VOLUMES

Interval Label	End Point ΣL/S Ratio (mL/g-dry)	Fraction L/S Ratio (mL/g-dry)	Example Fraction Volume (mL)
T01	0.2 ± 0.1	0.2	60
T02	0.5 ± 0.1	0.3	90
T03	1.0 ± 0.1	0.5	150
T04	1.5 ± 0.2	0.5	150
T05	2.0 ± 0.2	0.5	150
T06	4.5 ± 0.2	2.5	750
T07	5.0 ± 0.2	0.5	150
T08	9.5 ± 0.2	4.5	1350
T09	10.0 ± 0.2	0.5	150
B01	Eluent		100

NOTE: Example fraction volumes based on assumed packing mass of 300 g-dry.

TABLE 3

METHOD PRECISION FOR ELUATE CONCENTRATION AT L/S=10 mL/g-dry

		Repeatability		Reproducibility	
Analyte	Symbol	CFS $\%RSD_r$	JaFS $\%RSD_r$	CFS $\%RSD_R$	JaFS $\%RSD_R$
Aluminum	Al	8.6	12.7	16.6	28.2
Barium	Ba	6.9	13.9	23.0	24.2
Boron	B	11.9	14.4	14.3	23.9
Cadmium	Cd	9.2	-	14.6	-
Calcium	Ca	6.9	5.6	12.7	52.5
Copper	Cu	8.1	13.3	15.2	31.8
Magnesium	Mg	-	7.7	-	53.3
Manganese	Mn	-	22.0	-	26.6
Molybdenum	Mo	25.2	27.5	28.4	54.4
Lead	Pb	7.3	12.4	14.8	23.5
Thallium	Tl	9.6	-	19.2	-
Zinc	Zn	8.6	23.0	16.0	58.5
Material Mean		10%	15%	18%	38%
Overall Mean		13%		28%	

Data taken from Reference 3.

TABLE 4

METHOD PRECISION FOR CUMULATIVE RELEASE AT L/S=10 mL/g-dry

		Repeatability		Reproducibility	
Analyte	Symbol	CFS $\%RSD_r$	JaFS $\%RSD_r$	CFS $\%RSD_R$	JaFS $\%RSD_R$
Aluminum	Al	4.6	7.2	14.3	13.1
Barium	Ba	3.4	6.2	23.0	10.9
Boron	B	2.9	4.4	11.1	6.3
Cadmium	Cd	2.2	-	8.5	-
Calcium	Ca	2.1	3.6	8.2	19.9
Copper	Cu	3.9	4.6	15.3	21.4
Magnesium	Mg	-	4.2	-	17.2
Manganese	Mn	-	7.0	-	14.9
Molybdenum	Mo	4.4	4.5	12.3	11.1
Lead	Pb	1.8	9.5	10.8	15.1
Thallium	Tl	2.9	-	10.2	-
Zinc	Zn	4.0	7.3	11.3	18.6
Material Mean		3%	6%	13%	15%
Overall Mean		5%		14%	

Data taken from Reference 3.

FIGURE 1

METHOD 1314 FLOWCHART

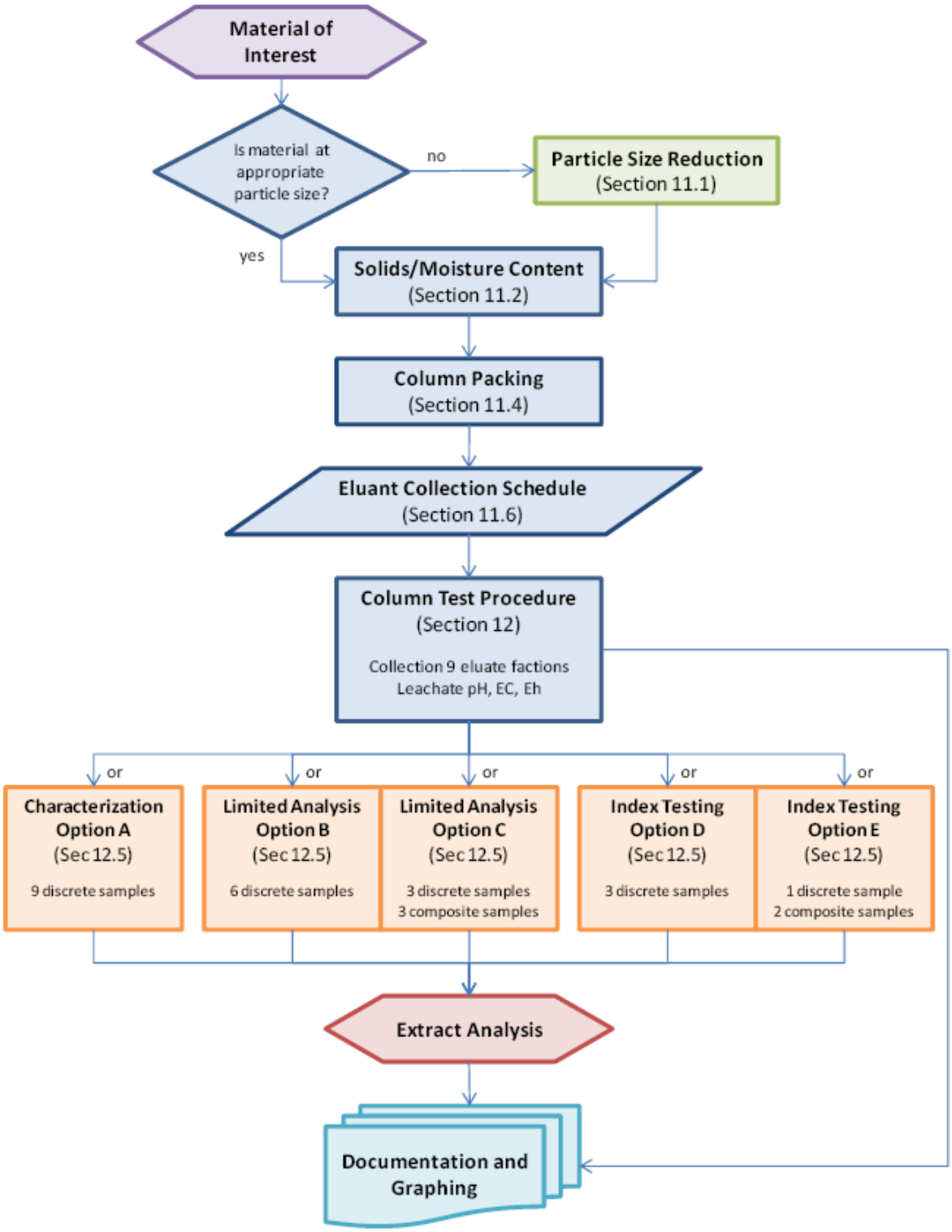
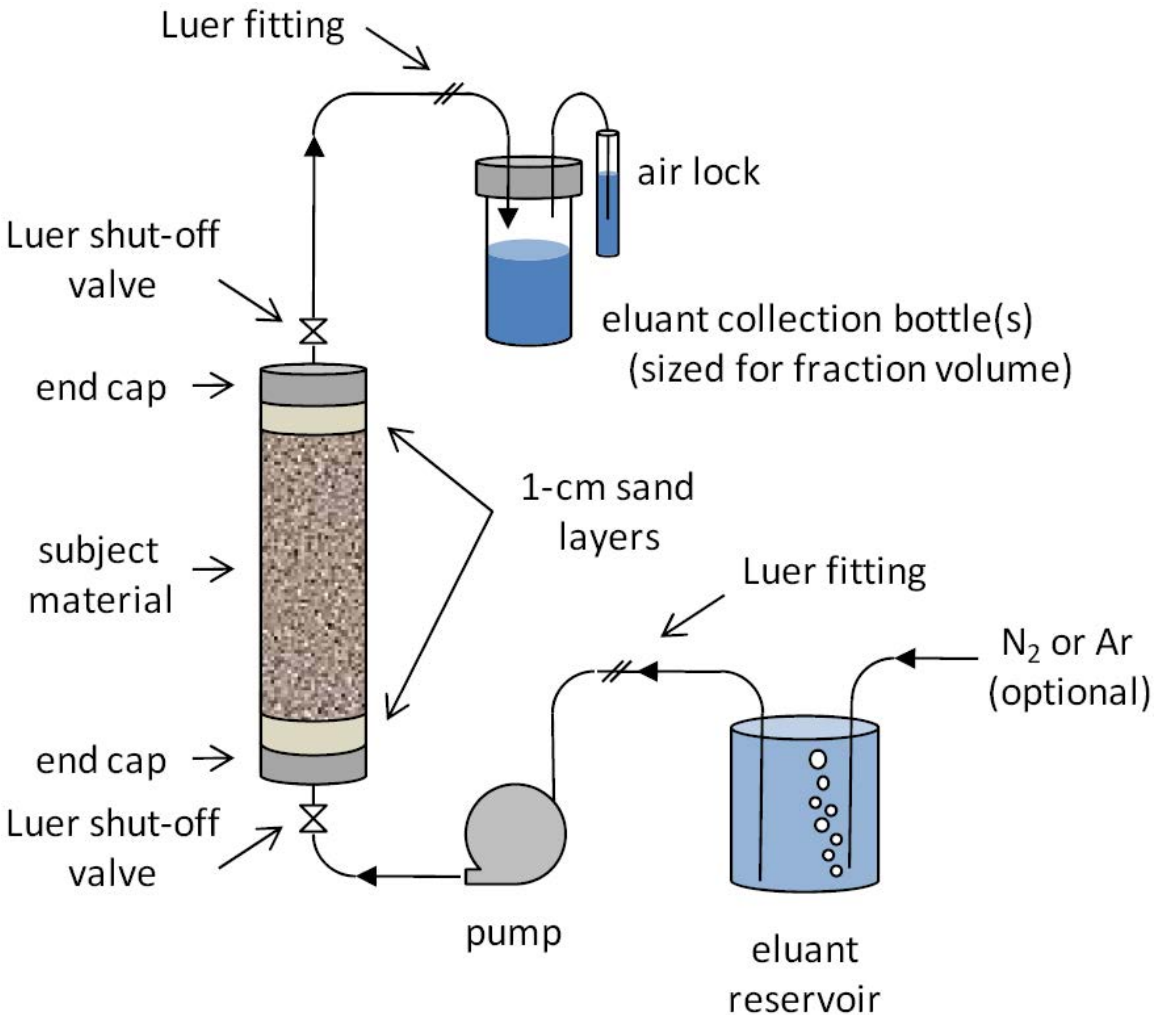


FIGURE 2

SCHEMATIC OF COLUMN TEST APPARATUS



NOTE: Figure not drawn to scale

FIGURE 3

EXAMPLE DATA REPORT FORMAT

EPA METHOD 1314
Report of Analysis

ABC Laboratories
123 Main Street
Anytown, USA
Contact: John Smith
(555) 111-1111

Client Contact: Susan Jones
(555) 222-2222

Material Code:	**XYZ**	Particle Size:	88% passing 2-mm sieve
Material Type:	Coal Combustion Fly Ash	Mass used in Column:	360 g
Date Received:	10/1/20xx	Moisture Content:	0.002 g_{H_2O}/g
Test Date:	11/1/20xx	Column ID:	4.8 cm
Report Date:	12/1/20xx	Packing Bed Depth:	28 cm
		Eluent:	ASTM Type II Water
		Lab Temperature:	21 ± 2 °C

Test Position	Replicate	Value	Units	Method	Note
T01	**A**				
	Eluate Sample ID	**XYZ-1314-T01-A**			
	Collection Date	11/1/20xx			
	Collection Time	12:35	PM		
	Eluate Mass	70.4	g		
	Eluate pH	8.82	-	EPA 9040	
	Eluate Conductivity	5.4	mS/c	EPA 9050	
	Eluate ORP	NA	mv		

Chemical Analysis	Value	Units	QC Flag	Method	Date	Dilution Factor
Al	4.72	mg/L		EPA 6020	11/7/20xx	1000
As	0.12	mg/L		EPA 6020	11/7/20xx	10
Cl	5.42	mg/L		EPA 9056	11/9/20xx	1

Test Position	Replicate	Value	Units	Method	Note
T02	**A**				
	Eluate Sample ID	**XYZ-1314-T02-A**			
	Collection Date	11/1/20xx			
	Collection Time	9:15	AM		
	Eluate Mass	105.1	g		
	Eluate pH	9.15	-		
	Eluate Conductivity	2.3	mS/c		
	Eluate ORP	NA	mv		

Chemical Analysis	Value	Units	QC Flag	Method	Date	Dilution Factor
Al	2.99	mg/L		EPA 6020	11/7/20xx	1000
As	0.21	mg/L		EPA 6020	11/7/20xx	10
Cl	4.20	mg/L	U	EPA 9056	11/7/20xx	1

QC Flag Key: U Value below lower limit of quantitation as reported (< "LLOQ")

FIGURE 4

EXAMPLE ELUATE CONCENTRATION CURVES FOR COMPLETE CHARACTERIZATION OF A COAL COMBUSTION FLY ASH

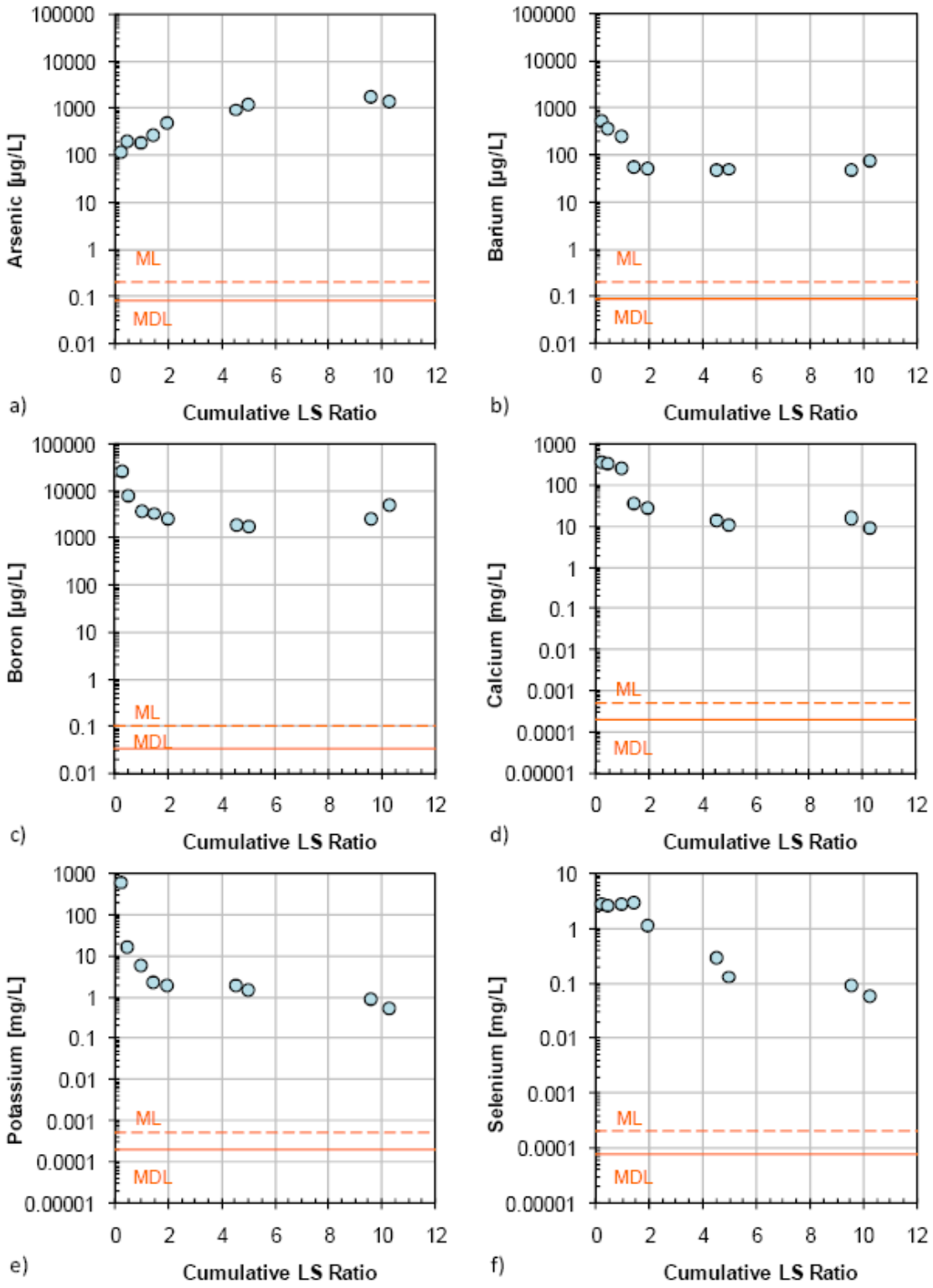
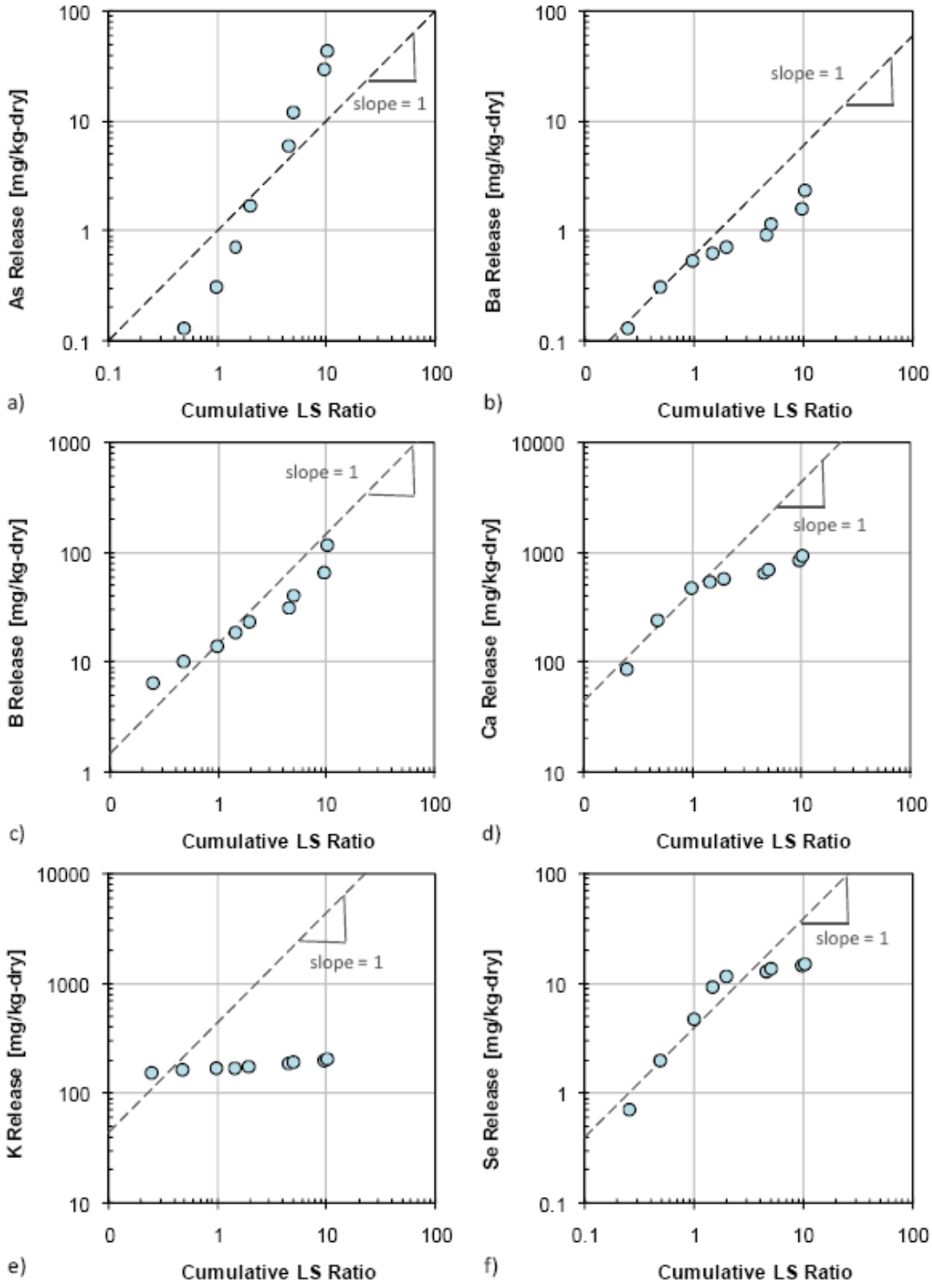


FIGURE 5

EXAMPLE CUMULATIVE RELEASE CURVES FOR COMPLETE CHARACTERIZATION OF A COAL COMBUSTION FLY ASH



NOTE: Dashed line represents solubility control (slope = 1).

Appendix B. Method 1315: Mass Transfer Rates from Monolithic and Compacted Granular Materials using a Semi-Dynamic Tank Leaching Procedure

METHOD 1315[1]

MASS TRANSFER RATES IN MONOLITHIC OR COMPACTED GRANULAR MATERIALS USING A SEMI-DYNAMIC TANK LEACHING PROCEDURE

SW-846 is not intended to be an analytical training manual. Therefore, method procedures are written based on the assumption that they will be performed by analysts who are formally trained in at least the basic principles of chemical analysis and in the use of the subject technology.

In addition, SW-846 methods, with the exception of required method use for the analysis of method-defined parameters, are intended to be guidance methods which contain general information on how to perform an analytical procedure or technique which a laboratory can use as a basic starting point for generating its own detailed Standard Operating Procedure (SOP), either for its own general use or for a specific project application. The performance data included in this method are for guidance purposes only, and are not intended to be and must not be used as absolute quality control (QC) acceptance criteria for purposes of laboratory accreditation.

1.0 SCOPE AND APPLICATION

1.1 This method is designed to provide the mass transfer rates (release rates) of inorganic analytes contained in a monolithic or compacted granular material, under diffusion-controlled release conditions, as a function of leaching time. Observed diffusivity and tortuosity may be estimated through analysis of the resulting leaching test data.

1.2 This method is suitable to a wide range of solid materials which may be in monolithic form (e.g., cements, solidified wastes) or may be compacted granular materials (e.g., soils, sediments, stacked granular wastes) which behave as a monolith in that the predominant water flow is around the material and release is controlled by diffusion to the boundary.

1.3 This leaching characterization method provides intrinsic material parameters for release of inorganic species under mass transfer-controlled leaching conditions. This test method is intended as a means for obtaining a series of eluents which may be used to estimate the diffusivity of constituents and physical retention parameter of the solid material under specified laboratory conditions.

1.4 This method is not applicable to characterize the release of volatile or semi-volatile organic analytes.

[1] This method has been derived from the MT001 and MT002 procedures (Ref. 1). The method is analogous to the monolithic mass transfer methods NEN7345 (Ref 2) developed under Dutch regulation and CEN/TS15863 (Ref. 15) developed for the Comité Européen de Normalisation (CEN).

1.5 This method is a characterization method and does not provide a solution considered to be representative of eluate under field conditions. This method is similar in structure and use to predecessor methods such as MT001.1 (see Ref. 1), NEN 7345 (see Ref. 2), ANSI/ANS 16.1 (see Ref. 3), and ASTM C1308 (see Ref. 4). However, this method differs from previous methods in that: (a) leaching intervals are modified to improve quality control, (b) sample preparation accounts for mass transfer from compacted granular samples, and (c) mass transfer may be interpreted by more complex release models that account for physical retention of the porous medium and chemical retention at the pore wall through geochemical speciation modeling

1.7 The geometry of monolithic samples may be rectangular (e.g., bricks, tiles), cubes, wafers, cylinders. Samples may also have a variety of faces exposed to eluent forming anything from 1-dimensional (1-D) through 3-dimensional (3-D) mass transfer cases. In all cases, a minimum sample size of 5 cm in the direction of mass transfer must be employed and the liquid-surface-area ratio (L/A) must be maintained at 9 ± 1 mL/cm^2.

Monolithic samples should be suspended or held in the leaching fluid such that at least 98% of the entire sample surface area is exposed to eluent and the bulk of the eluent (e.g., a minimum of 2 cm between any exposed surface and the vessel wall) is in contact with the exposed sample surface. Figure 1 provides examples of appropriate sample holders and leaching configurations for 3-D and 1-D cases.

1.8 Compacted granular materials are granular solids, screened to pass a 2-mm sieve, compacted following a modified Proctor compaction effort (see Ref. 5). The sample geometry must be open-faced cylinders due to limitations of mechanical packing. However, the diameter and height of the sample holder may be altered to correspond appropriately with the diameter and volume of the leaching vessel. In all cases, the sample size of at least 5 cm in the direction of mass transfer must be employed and the L/A must be maintained at 9 ± 1 mL/cm^2.

The sample should be positioned at the bottom of the leaching vessel with a minimum of 5 cm of distance between the solid-liquid interface and the top of the vessel. The distance between the non-leaching faces (i.e., outside of the mold surfaces) and the leaching vessel wall should be minimized to < 0.5 cm, such that the majority of the eluent volume is on top of the sample. Figure 2 shows an example of a holder and leaching configuration for a compacted granular sample.

1.9 The solvent system used in this characterization method is reagent water. Other systems (e.g., groundwater, seawater, and simulated liquids) may be used to infer material performance under specific environmental conditions. However, interaction between the eluent and the solid matrix may result in precipitation and pore blocking, which may interfere with characterization or complicate data interpretation.

1.10 Prior to employing this method, analysts are advised to consult the base method for each type of procedure that may be employed in the overall analysis (e.g., Methods 9040, 9045) for additional information on QC procedures, development of QC acceptance criteria, calculations, and general guidance. Analysts also should consult the disclaimer statement at the front of the manual and the information in Chapter Two for guidance on the intended flexibility in the choice of methods, apparatus, materials, reagents, and supplies, and on the responsibilities of the analyst for demonstrating that the techniques employed are appropriate for the analytes of interest, in the matrix of interest, and at the levels of concern. In

addition, analysts and data users are advised that, except where explicitly specified in a regulation, the use of SW-846 methods is not mandatory in response to Federal testing requirements. The information contained in this method is provided by EPA as guidance to be used by the analyst and the regulated community in making judgments necessary to generate results that meet the data quality objectives for the intended application.

1.11 Use of this method is restricted to use by, or under supervision of, properly experienced and trained personnel. Each analyst must demonstrate the ability to generate acceptable results with this method.

2.0 SUMMARY OF METHOD

This method comprises leaching of continuously water-saturated monolithic or compacted granular material in an eluent-filled tank with periodic renewal of the leaching solution. The vessel and sample dimensions are chosen such that the sample is fully immersed in the leaching solution. Monolithic samples may be cylinders or parallelepipeds, while granular materials are compacted into cylindrical molds at optimum moisture content using modified Proctor compaction methods (see Ref. 5). In either case, the exposure of a regular geometric area to the eluent is recommended. Samples are contacted with reagent water at a specified L/A. The leaching solution is exchanged with fresh reagent water at nine pre-determined intervals (see NOTE below). The sample is freely drained and the mass is recorded to monitor the amount of eluent absorbed into the solid matrix at the end of each leaching interval. The eluate pH and specific conductance is measured for each time interval and analytical samples are collected and preserved accordingly based on the determinative methods to be performed. Eluate concentrations are plotted as a function of time, as a mean interval flux and as cumulative release as a function of time. These data are used to estimate mass transfer parameters (i.e., observed diffusivity) for each constituent of potential concern (COPC). A flowchart for performing this method is shown in Figure 3.

NOTE: The leaching schedule may be extended for additional exchanges with individual intervals of 14 days to provide more information about longer-term release.

3.0 DEFINITIONS

3.1 COPC — A chemical species of interest, which may or may not be regulated, but may be characteristic of release-controlling properties of the sample geochemistry.

3.2 Release — The dissolution or partitioning of a COPC from the solid phase to the aqueous phase during laboratory testing (or under field conditions). In this method, mass release is expressed in units of mg COPC/kg dry solid material.

3.3 Liquid-to-surface-area ratio (L/A) — The ratio representing the total liquid volume used in the leaching interval to the external geometric surface area of the solid material. L/A is typically expressed in units of mL of eluent/cm^2 of exposed surface area.

3.4 Observed mass diffusivity —the apparent, macroscopic rate of release due to mass transfer from a solid into a liquid as measured using a leaching test under conditions where mass transfer controls release. The observed diffusivity accounts for all physical and chemical retention factors influencing mass transfer and is typically expressed in units of cm^2/s.

3.5 Effective mass diffusivity — The intrinsic rate of mass transfer in a porous medium accounting for physical retention. The effective mass diffusivity is typically expressed in units of cm^2/s.

3.6 Physical retention factor — A mass transfer rate term that describes the retardation of diffusion due to intrinsic physical properties of a porous medium (e.g., effective porosity, tortuosity).

3.7 Chemical retention factor — A mass transfer rate term that describes the chemical processes (e.g., dissolution/precipitation, adsorption/desorption, complexation) occurring at the pore water interface with the solid mineral phases within the porous structure of the solid material.

3.8 Refer to the SW-846 chapter of terms and acronyms for potentially applicable definitions.

4.0 INTERFERENCES

4.1 Solvents, reagents, glassware, and other sample processing hardware may yield artifacts and/or interferences to sample analysis. All of these materials must be demonstrated to be free from interferences under the conditions of the analysis by analyzing method blanks. Specific selection of reagents and purification of solvents by distillation in all-glass systems may be necessary. Refer to each method to be used for specific guidance on QC procedures and to Chapters Three and Four for general guidance on the cleaning of laboratory apparatus prior to use.

4.2 The reaction of atmospheric gases can influence the measured concentrations of constituents in eluates. For example, reaction of carbon dioxide with eluents from highly alkaline or strongly-reducing materials will result in neutralization of eluate pH and precipitation of carbonates. Leaching vessels, especially those used when testing highly alkaline materials, should be designed to be air-tight in order to minimize the reaction of samples with atmospheric gases.

4.3 Use of certain solvent systems may lead to precipitation at the material surface boundary which may reduce mass transport rates. For example, exposure of cement-based materials to seawater leads to sealing of the porous block (see Ref. 6).

5.0 SAFETY

This method does not address all safety issues associated with its use. The laboratory is responsible for maintaining a safe work environment and a current awareness file of OSHA regulations regarding the safe handling of the chemicals listed in this method. A reference file of material safety data sheets (MSDSs) should be available to all personnel involved in these analyses.

6.0 EQUIPMENT AND SUPPLIES

The mention of trade names or commercial products in this manual is for illustrative purposes only, and does not constitute an EPA endorsement or exclusive recommendation for use. The products and instrument settings cited in SW-846 methods represent those products and setting used during the method development or subsequently evaluated by the Agency. Glassware, reagents, supplies, equipment, and setting other than those listed in this manual may be employed provided that method performance appropriate for the intended application has been demonstrated and documented.

This section does not list common laboratory glassware (e.g., beakers and flasks).

6.1 Sample holder

6.1.1 Monolithic samples

6.1.1.1 A mesh or structured holder constructed of an inert material such as high-density polyethylene (HDPE) or other material resistant to high and low pHs is recommended.

6.1.1.2 The holder should be designed such that at least 98% of the sample external surface area may be exposed to eluent.

6.1.1.3 The holder should be designed to match the geometry of the mass transfer such that the bulk of the eluent may be in contact with the sample and the exposed surfaces of the sample centered within the leaching fluid.

NOTE: In the case of 1-D mass transfer from the axial face of a cylindrical sample, the outer diameter (OD) of the holder should be matched as closely as possible to the inner diameter (ID) of the leaching vessel so that the majority of the eluent is above the sample (e.g., in contact with the exposed material surface), while allowing for easy placement and removal of the holder in the leaching vessel (see Figure 1).

6.1.2 Compacted granular samples

6.1.2.1 A cylindrical mold constructed of an inert material such as HDPE or other material resistant to high and low pH is recommended.

6.1.2.2 The holder should be capable of withstanding the compaction force required to prepare the sample (see Sec 11.3.5) without breaking or distorting.

NOTE: The outer diameter of the holder for a compacted granular sample should be matched as closely as possible to the inner diameter of the leaching vessel so that the majority of the eluent is above the sample (e.g., in contact with the exposed material surface) while allowing for easy placement and removal of the holder in the leaching vessel.

6.2 Leaching vessel

6.2.1 A straight-sided container constructed of a material resistant to high and low pH is recommended. Jars or buckets composed of HDPE, polycarbonate (PC), polypropylene (PP), or polyvinyl chloride (PVC) are recommended when evaluating the mobility of inorganic species.

6.2.2 The leaching vessel should have an air-tight seal that can sustain long periods of standing without gas exchange with the atmosphere.

6.2.3 The container must be of sufficient volume to accommodate both the solid sample and an eluent volume based on an L/A of 9 ± 1 mL eluent/cm^2 sample surface area. Ideally, the vessel should be sized such that the headspace is minimized within the tolerance of the L/A.

6.3 Leaching setup

Example photos of three possible leaching equipment arrangements for monolithic and compacted granular samples are shown in Figures 1 and 2, respectively. The equipment used in the each of these cases is described below.

6.3.1 Figure 1a shows a monolithic sample 3-D configuration with the following accessories:

Sample holder — PP sink washers, 43-mm OD, 37-mm ID, 6-mm high, with four holes drilled at the quadrants to accept
2-mm OD nylon string knotted at top.

Sample stand — PVC pipe, 47-mm OD, 51-mm high, cut to have four legs approximately 8-mm wide and 30-mm high.

Leaching Vessel — PP bucket, 140-mm ID at top, 120-mm ID at bottom, 200-mm high (Berry Plastics #T51386CP3, VWR Scientific, or equivalent).

6.3.2 Figure 1b shows a monolithic sample 1-D configuration with the following accessories:

Sample holder — Polyethylene (PE) mold, 54-mm OD, 100-mm high (MA Industries, Peach Tree City, GA, or equivalent), with the test sample cured in mold and cut to 51-mm high.

Leaching vessel — 250-mL PC jar, (60-mm ID, 100-mm high, (Nalgene #2116-0250, Fisher Scientific, or equivalent).

6.3.3 Figure 2 shows a compacted granular sample 1-D Configuration with the following accessories:

Sample holder — PE mold, 100-mm OD, 200-mm high, (MA Industries, Peach Tree City, GA, or equivalent) cut to 63-mm high with three tabs drilled for 0.7-mm fishing line knotted at the top.

Leaching vessel — 1000-mL PC jar, 110-mm ID at top, 130-mm high (Nalgene #2116-1000, Fisher Scientific, or equivalent).

Glass beads, borosilicate — 2-mm diameter

6.4 Filtration apparatus — Pressure- or vacuum-filtering apparatus made of appropriate materials to maximize the collection of extracts and minimize the loss of COPCs (Nalgene #300-4000 or equivalent).

6.5 Filtration membranes — Composed of hydrophilic PP or similar material with an effective pore size of 0.45-µm (e.g., Andwin Scientific GH Polypro 28143-288 or equivalent).

6.6 pH Meter — Laboratory model with the capability for temperature compensation (e.g., Accumet 20, Fisher Scientific or equivalent) and a minimum resolution of 0.1 pH units.

6.7 pH combination electrode — Composed of chemically-resistant materials.

6.8 Conductivity meter — Laboratory model (e.g., Accumet 20, Fisher Scientific or equivalent), with a minimum resolution of 5% of the measured value.

6.9 Conductivity electrodes — Composed of chemically-resistant materials.

6.10 Proctor compactor (for compacted granular samples only) — Equipped with a slide hammer capable of dropping a 4.5-kg weight over a 0.46-m interval (see Ref. 5 for further details).

7.0 REAGENTS AND STANDARDS

7.1 Reagent-grade chemicals must be used in all tests. Unless otherwise indicated, it is intended that all reagents conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specification are available. Other grade may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

7.2 Reagent water must be interference free. All references to water in this method refer to reagent water unless otherwise specified.

7.3 Other reagents may be used in place of reagent water on a case-specific basis.

8.0 SAMPLE COLLECTION, PRESERVATION, AND STORAGE

8.1 See the introductory material to Chapter Three "Inorganic Analytes."

8.2 Both plastic and glass containers are suitable for the collection of samples. All sample containers must be prewashed with a metal-free detergent and triple rinsed with nitric acid and reagent water, depending on the history of the container. For further information, see Chapter Three.

9.0 QUALITY CONTROL

9.1 Refer to Chapter One for guidance on quality assurance (QA) and QC protocols. When inconsistencies exist between QC guidelines, method-specific QC criteria take precedence over both technique-specific criteria and those criteria given in Chapter One, and technique-specific QC criteria take precedence over the criteria in Chapter One. Any effort involving the collection of analytical data should include development of a structured and systematic planning document, such as a Quality Assurance Project Plan (QAPP) or a Sampling and Analysis Plan (SAP), which translates project objectives and specifications into directions for those that will implement the project and assess the results. Each laboratory should maintain a formal quality assurance program. The laboratory should also maintain records to document the quality of the data generated. All data sheets and quality control data should be maintained for reference or inspection.

9.2 Method blanks – In order to demonstrate the purity of reagents and container surfaces, a method blank should be tested for each leaching interval. Refer to Chapter One for specific QC procedures.

9.3 The analysis of extracts should follow appropriate QC procedures, as specified in the determinative methods for the COPCs. Refer to Chapter One for specific quality control procedures.

9.5 Initial demonstration of proficiency (IDP)

Leachate methods are not amenable to typical initial demonstrations of proficiency as reference materials with known values are usually not available. However, prior to using this method an analyst should have documented proficiency in the skills required for successful implementation of the method. For example, skill should be demonstrated in the use of an analytical balance, the determination of pH using methods 9040 and 9045 and the determination of conductance using method 9050.

10.0 CALIBRATION AND STANDARDIZATION

10.1 The balance should be calibrated and certified at a minimum annually or in accordance with laboratory policy.

10.2 Prior to measurement of eluate pH, the pH meter should be calibrated using a minimum of two standards that bracket the range of pH measurements. Refer to Methods 9040 and 9045 for additional guidance.

10.3 Prior to measurement of eluate conductivity, the meter should be calibrated using at least one standard at a value greater than the range of conductivity measurements. Refer to Method 9050 for additional guidance.

11.0 PREPARATORY PROCEDURES

A flowchart of this method, including preparatory and leaching procedures, is shown in Figure 3. Microsoft Excel data templates are available to aid in collection and archiving of laboratory and analytical data.[2]

11.1 Determination of solids and moisture content

The moisture and solids content of the sample material are used to relate leaching results to dry-material masses. When preparing compacted granular samples for testing, the moisture content or solid content is used to determine the optimum moisture content following the modified Proctor test. This method calculates moisture content on the basis of the "wet" or "as tested" sample.

WARNING: The drying oven should be contained in a hood or otherwise properly ventilated. Significant laboratory contamination or inhalation hazards may result when drying heavily contaminated samples. Consult the laboratory safety officer for proper handling procedures prior to drying samples that may contain volatile, hazardous, flammable or explosive materials.

11.1.1 Place a 5–10-g sample of solid material into a clean, pre-weighed dish or crucible. Dry the sample to a constant mass at 105 ± 2 °C. Periodically check the sample mass after allowing the sample to cool to room temperature (20 ± 2 °C) in a desiccator.

NOTE: The oven-dried sample is not used for the extraction and should be properly disposed of once the dry mass is determined.

11.1.2 Calculate and report the solids content as follows:

$$SC = \frac{M_{dry}}{M_{test}}$$

Where: SC = solids content (g-dry/g)
M_{dry} = mass of oven-dried sample (g-dry)
M_{test} = mass of "as-tested" sample (g)

11.1.3 Calculate and report the moisture content (wet basis) as follows:

$$MC_{wet} = \frac{M_{test} - M_{dry}}{M_{test}}$$

[2] The Excel data templates form the basis for uploading method data into the data management program, LeachXS Lite™. Both the data templates and LeachXS Lite are available at http://vanderbilt.edu/leaching.

Where: $MC_{(wet)}$ = moisture content on a wet basis (g_{H_2O}/g)
M_{dry} = mass of oven-dried sample (g-dry)
M_{test} = mass of "as-tested" sample (g)

11.2 Preparation of monolithic samples

11.2.1 If the material to be tested is granular, disregard this section and proceed to Sec. 11.3.

11.2.2 A representative sample of monolithic material should be obtained by molding material components in place (e.g., cementitious media) or by coring or cutting a sample from a larger existing specimen.

11.2.3 The geometry of monolithic samples may be rectangular (e.g., bricks, tiles), cubes, wafers, cylinders. Samples may also have a variety of faces exposed to eluent forming 1-, 2-, or 3-D mass-transfer cases. Example monolithic sample leaching setups are shown in Figure 1.

11.2.4 A minimum sample size of 5 cm in the direction of mass transfer must be employed and the L/A must be maintained at 9 ± 1 mL/cm^2.

NOTE: Since, the sample holder and leaching vessel must correspond to the specifications in Sec 6.1, it is often easier to modify the sample size and geometry rather than the holder and vessel dimensions.

11.2.5 Proceed to Sec. 12.0.

11.3 Preparation of compacted granular samples

Compacted granular materials, for most cases, must be open-faced cylinders due to the limitations of mechanical packing. However, the diameter and height of the sample holder may be altered to work appropriately with the diameter and volume of the leaching vessel. In all cases, a minimum sample size of 5 cm in the direction of mass transfer must be employed and the L/A must be maintained at 9 ± 1 mL/cm^2.

Granular samples are compacted into the sample holder using a variation on the modified Proctor compaction (see Ref. 5) to include the use of 6-cm high test molds. Shorter or taller molds (or packing depths) may be used as long as the compaction effort of 56,000 ft-lb_f/ft^3. The number of packing layers should be maintained at the five layers specified in Ref. 5; however the number of blows per layer in a 4-in diameter molds may be changed according to the follow formula:

$$\frac{56{,}000\ \text{ft-lb}_\text{f}}{\text{ft}^3}\left|\frac{\text{blow}}{1.5\ \text{ft}\times 10\ \text{lb}_\text{f}}\right|\frac{\pi\left(0.3/2\ \text{ft}\right)^2\times h\ \text{ft}}{5\ \text{layer}}=\frac{65.2\times h\ \text{blow}}{\text{layer}}$$

Where: h is the height of the mold (ft).

Thus, for the mold height of 4.584 in (0.382 ft) specified in the ASTM procedure, 25 blows per each of 5 layers are required. When a 6-cm (0.196 ft) mold height is used (as suggested in this method), 13 blows per each of 5 layers are required to obtain the same compaction effort.

The granular sample should be compacted at a moisture content corresponding to 90% of the Modified Proctor optimum packing density in order to provide a uniform approach to obtaining a sample density that approximate field conditions. Optimum moisture content refers to the amount of moisture or fractional mass of water (g_{H_2O}/g material) in the granular sample that is present at the optimum packing density (g-dry material/cm^3). Optimum packing density is defined in Ref. 5. The optimum moisture content of the test material is determined from a pretest measuring the packing density of granular materials compacted at different levels of moisture content.

11.3.1 Pre-test to determine optimum moisture content

The pre-test is conducted as a series of five batch-wise packing trials with consecutive increases in moisture content until the maximum packing density has been surpassed. The optimum moisture content is determined as the maximum of a third-order polynomial fit through the graph of dry-packing density as a function of moisture content (wet basis).

11.3.1.1 Place 1500 g of "as received" material into a pail or bowl and mix well by hand to homogenize. As an alternate to hand mixing, a mechanical paddle mixer may be used.

NOTE: The pretest may be conducted from a bulk supply of solid material (e.g., 10 kg total for five batches) as long as the starting mass for each trial is recorded and incremental water additions are used.

1.3.1.2 Mix a known amount of tap water with the bulk material in the pail or bowl until homogenized based on visual inspection. For the first point in the pre-test, no water needs to be added.

NOTE: The amount of water added should be enough increase the moisture content in approximately 3-5% increments. Smaller additions may be needed in order to provide finer resolution of the packing density as a function of moisture content curve.

11.3.1.3 Calculate the new moisture content for the trial as follows:

$$MC^{i}_{(wet)} = \frac{M_{test} \times MC_{wet} + W_{added}}{M_{test} + W_{added}}$$

Where: $MC^{i}_{(wet)}$ = moisture content (wet basis) of the pre-test trial (g_{H_2O}/g)
M_{test} = mass of "as-tested" material used in the trial (g)
$MC_{(wet)}$ = moisture content (wet basis) of the "as-tested" material

(g_{H_2O}/g)
W_{added} = mass of water added to the "as-tested" material (g_{H_2O}/g)

11.3.1.4 Compact approximately 1000 g of material into a pre-tared 10-cm diameter mold into three consecutive layers of material. The compacted mass should have a level flat surface as a top face.

11.3.1.5 Measure and record the height, diameter, and mass of the resulting compacted material.

11.3.1.6 Calculate and record the packing density (dry basis) as follows:

$$\rho_{pack} = \frac{m \times SC}{\pi \times h}\left(\frac{2}{d}\right)^2$$

Where: ρ_{pack} = packing density (dry basis) (g-dry/cm^3)
m = mass of the compacted sample (g)
SC = solids content of the "as -received" granular material (g-dry/g)
d = measured diameter of the compacted sample (cm)
h = measured height of the compacted sample (cm)

11.3.1.7 Repeat Secs. 11.3.1.1-11.3.1.6 for four subsequent trials until the value of the calculated packing density decreases.

11.3.1.8 Plot the packing density as a function of moisture content. Figure 4 shows an example of a packing density curve.

11.3.1.9 Determine the optimum moisture content at the maximum of the packing density curve. This value may be read directly from the graph or determined by the maximum of a third-order polynomial fit through the five pre-test data points (see the Microsoft® Excel Template).

11.3.2 Compacted granular test sample preparation

11.3.2.1 Using the optimum moisture content determined in Sec. 11.3.1.9, calculate the amount of "as-received" material that is required to pack the sample holder to within 3 mm of the rim of the holder.

$$M_{test} = \frac{\rho_{opt} \times \pi \times (h - 0.3)}{SC}\left(\frac{d}{2}\right)^2$$

Where: M_{test} = mass of "as tested" sample (g)
ρ_{opt} = optimal packing density (dry basis) (g-dry/cm^3) determined in Sec. 11.3.1.9.
SC = solids content of the "as received" granular material (g-dry/g)
d = measured diameter of the sample mold (cm)
h = measured height of the sample mold (cm)

11.3.2.2 Adjust the moisture content of the "as-received" material to the optimum moisture content using reagent water and mix until homogenized.

11.3.2.3 Pack the sample material into the sample holder using the modified Proctor compaction as described in Ref. 5.

11.3.2.4 Place a mono-layer of borosilicate glass beads (Sec. 6.3.3) on the exposed sample surface to minimize scouring and mass loss during testing.

11.3.2.5 Begin the leach test procedure promptly or cover the sample with plastic wrap to minimize moisture loss to the atmosphere.

12.0 LEACHING PROCEDURE

This protocol is a semi-dynamic, tank-leaching procedure (see schematic in Figure 5) where the sample is exposed to eluate for a series of leaching intervals interspersed with eluent exchanges. The chemical composition of each eluate is determined and mass transfer from the bulk solid is determined as a function of cumulative leaching time. The schedule of leaching intervals for this method is shown in Table 1.

12.1 Pre-test measurements

12.1.1 For the surface area calculation, measure and record the dimensions of the test specimen (i.e., diameter and height for a cylinder; length, width and depth for a parallelepiped; or diameter of exposed surface for a compacted granular sample).

12.1.2 Measure and record the mass of the specimen. This value should be monitored for each eluent exchange.

12.1.3 If a holder is used, place the specimen in the monolith holder.

12.1.4 Measure and record the mass of the specimen and holder, if applicable.

12.1.5 The recommended temperature for conducting this method is room temperature (20 ± 2 °C). When conducted at temperatures readings or variations other than those recommended, record the ambient temperature at each eluent renewal.

12.2 Eluent exchange

12.2.1 Fill a clean leaching vessel with the required volume of reagent water based on an L/A of 9 ± 1 mL/cm^2. Record the amount of eluent used.

12.2.2 Carefully place the specimen or the specimen and holder in the leaching vessel (Figure 6a) so that the sample is centered in the eluent (see Figure 6b). Submersion should be gentle enough so that the physical integrity of the monolith is maintained and scouring of the solid is minimized.

12.2.3 Cover the leaching vessel with the air-tight lid and place in a safe location until the end of the leaching interval. Table 1 shows the schedule of leaching intervals and cumulative release times for this method.

NOTE: Eluates of alkaline materials may be susceptible to neutralization through reaction with carbon dioxide. Precautions (e.g., ensuring air-tight vessels or purging headspace) should be taken to minimize the effect of carbonation on eluates that may sit stationary for more than one week.

12.2.4 Prior to the end of the leaching interval, repeat Sec. 12.2.1 in order to prepare a vessel for the next leaching interval.

12.2.5 At the end of the leaching interval (see Table 1), carefully remove the specimen or the specimen and holder from the vessel (Figure 6c). Drain the liquid from the surface of the specimen into the eluate for approximately 20 sec.

12.2.6 Measure and record the mass of the specimen or the mass of the specimen and holder (Figure 6d).

NOTE: The change in sample mass between intervals is an indication of the potential absorption of eluent by the matrix (mass gain) or erosion of the matrix (mass loss). In the case where a holder is used, moisture may condense on the holder during the leaching intervals and sample absorption may not be evident.

NOTE: Mass gain may also be indicative of carbonate precipitation if the vessel is not tightly sealed and carbon dioxide is absorbed from the atmosphere.

12.2.7 Place the specimen or the specimen and holder into the clean leaching vessel filled with new eluent as prepared in Sec. 12.2.4.

12.2.8 Cover the new leaching vessel with the air-tight lid and place in a safe location until the end of the leaching interval.

12.3 Eluate processing

12.3.1 Measure and record the pH, specific conductivity, and oxidation-reduction potential (ORP) of the eluate of the decanted eluate from the previous leaching interval (see Methods 9040, 9045, and 9050).

NOTE: Measurement of pH, conductivity and ORP should be taken within 15 minutes of eluent exchange (Sec. 12.2) to avoid neutralization of the solution due to exposure to carbon dioxide, especially when alkaline materials are tested.

NOTE: The measurement of ORP is optional, but strongly recommended, especially when testing materials where oxidation is likely to change the chemistry of COPCs.

12.3.2 Filter the remaining eluate through a 0.45-µm membrane (Sec. 6.5).

12.3.3 Immediately, preserve and store the volume(s) of eluate required for chemical analysis. Preserve all analytical samples in a manner that is consistent with the determinative chemical analyses to be performed.

12.3.4 Collect all subsequent eluate by repeating the eluent exchange and eluate processing procedures in Secs. 12.2 and 12.3.

13.0 DATA ANALYSIS AND CALCULATIONS

13.1 Data reporting

Figure 7 shows an example of a data sheet which may be used to report the concentrations results of this method. This example is included in the Excel template. At a minimum, the basic test report should include the following:

a) Name of the laboratory
b) Laboratory contact information
c) Date and time at the start of the test
d) Name or code of the solid material
e) Material Description (including monolithic or compacted granular)
f) Moisture content of material used (g_{H_2O}/g)
g) Dimensions (cm) and geometry of sample used
h) Mass of solid material used (g)
i) Mass of sample and holder at start of test (g)
j) Eluate type (e.g., reagent water)
k) Eluate specific information (see below)

The minimum set of data that should be reported for each eluate includes:

a) Eluate sample ID
b) Target eluent exchange date and time
c) Actual eluent exchange date and time
d) Volume of eluent used (mL)
e) Mass of sample and holder (g)
f) Measured eluate pH
g) Measured eluate conductivity (mS/cm)
h) Measured ORP (mV) (optional)
i) Concentration of all COPCs
j) Analytical QC qualifiers as appropriate

13.2 Data presentation

13.2.1 Interval concentrations

13.2.1.1 At the conclusion of the schedule of leaching intervals (see Table 1), the concentration of COPCs in each eluate may be plotted as a function of cumulative leaching time. An example of this is shown in Figure 8 for mass transport from a monolithic field sample of fixated scrubber sludge and lime.

13.2.1.2 If data is available from Method 1313, interval concentrations and Method 1313 data may be plotted on the same graph as a function of eluate pH. This QC step is conducted in order to determine if the concentration of COPCs approached equilibrium in any leaching interval (i.e., the driving force for mass transport from the matrix may not be constant which is a common assumption of dynamic-tank leach testing). Figure 9 shows this type of graph for the release from a field sample of fixated scrubber sludge and lime.

13.2.2 Interval mass release

At the conclusion of the schedule of leaching intervals (see Table 1), the interval mass released can be calculated for each leaching interval as follows:

$$M_{t_i} = \frac{C_i \times V_i}{A}$$

Where: M_{t_i} = Mass released during the current leaching interval i (mg/m^2)
C_i = constituent concentration in the eluate for interval i (mg/L)
V_i = eluate volume in interval i (L)
A = specimen external geometric surface area exposed to the eluent (m^2)

13.2.3 Mean interval flux

The flux of a COPC in an interval may be plotted as a function of the generalized mean of the square root of cumulative leaching time ($\sqrt{t}$). An example of a flux graph is show in Figure 10 for the release from a field sample of fixated scrubber sludge with lime. This graph may be used to interpret the mechanism of release (see Ref. 7. for further details).

13.2.3.1 The flux across the exposed surface of the sample can be calculated by dividing the interval mass release by the interval duration as follows:

$$F_i = \frac{M_i}{t_i - t_{i-1}}$$

Where F_i = flux for interval, i ($mg/m^2 \cdot s$)
M_i = mass released during the current leaching interval i (mg/m^2)
t_i = cumulative time at the end of the current leaching interval i (s)
t_{i-1} = cumulative time at the end of the previous leaching interval i-1 (s)

13.2.3.2 The time used to plot each interval mass is the generalized mean of the square root of the cumulative leaching time using the cumulative time at the end of the i^{th} interval, t_i, and the cumulative time at the end of the previous interval, t_{i-1}.

$$\overline{t_i} = \left(\frac{\sqrt{t_i} + \sqrt{t_{i-1}}}{2} \right)^2$$

Where $\overline{t_i}$: = generalized mean leaching time for the current interval, i (s)
t_i = cumulative time at the end of the current leaching interval, i (s)
t_{i-1} = cumulative time at the end of the previous leaching interval, i-1 (s)

NOTE: If the concentrations of a COPC in the eluates approach that shown in Method 1313 for liquid-solid equilibrium, the flux curve will show the pattern in Figure 10 with intervals of the same duration having the same flux value. When the eluate concentration approaches saturation, the driving force for mass transfer approaches zero, interval flux is limited, and intervals with like durations will display similar flux limitations.

13.2.4 Cumulative release

13.2.4.1 The interval release calculated in 13.2.2 can be summed to provide the cumulative mass release as a function of leaching time. Figure 11 shows the cumulative release curves for a field sample of fixated scrubber sludge with lime.

13.2.4.2 Interpretation of the cumulative release of constituents is illustrated using the analytical solution for simple radial diffusion from a cylinder into an infinite bath presented by Crank (see Ref. 6).

$$M_t = 2 \rho C_o \left(\frac{D^{obs} t}{\pi} \right)^{1/2}$$

Where: M_t = cumulative mass released during leaching interval, i (mg/m^2)
ρ = density of the "as-tested" sample (kg/m^3)
C_o = concentration of available COPC in the solid matrix (mg/kg)

D^{obs} = observed diffusivity (m^2/s)
t = leaching time (s)

When transformed to a log-log scale, the analytical solution presented by Crank becomes linear with the square root of time.

$$\log[M_t] = \log\left[2\rho C_o \left(\frac{D^{obs}}{\pi} \right)^{1/2} \right] + \frac{1}{2} t$$

Thus, under the assumptions of the analytical solution presented by Crank, the mass release should be proportional to the square root of time. A line showing the square root of time is plotted in Figure 11 along with the data. Since flux is the derivative of release, a similar treatment of flux as a function of leaching time using the simple diffusion model would be proportional to the negative square root of time as shown in Figure 10.

Other models than the simple diffusion model presented by Crank may also be used to interpret mass release. For example, the Shrinking Unreacted Core Model (see Ref. 8) and the Coupled Dissolution-Diffusion Model (see Ref. 9) incorporate chemical release parameters (e.g., as derived from Method 1313 data) into the model to better estimate release mechanisms and predictions (see Ref. 7 for further details).

13.2.5 Observed diffusivity

An observed diffusivity for each COPC can be determined using the logarithm of the cumulative release plotted versus the logarithm of time. In the case of a diffusion-controlled mechanism, this plot is expected to be a straight line with a slope of 0.5. An observed diffusivity can then be determined for each leaching interval where the slope is 0.5 ± 0.15 (see Refs. 10 and 11) by the following:

$$D_i^{obs} = \pi \left[\frac{M_{t_i}}{2\rho C_o \left(\sqrt{t_i} - \sqrt{t_{i-1}} \right)} \right]^2$$

Where: D_i^{obs} = observed diffusivity of a COPC for leaching interval, i (m^2/s)
M_{t_i} = mass released during leaching interval, i (mg/m^2)
t_i = cumulative contact time after leaching interval, i (s)
t_{i-1} = cumulative contact time after leaching interval, i - 1 (s)
C_o = initial leachable content (i.e., available release potential) (mg/kg)
ρ = sample density ($kg\text{-}dry/m^3$)

The mean observed diffusivity for each COPC is then determined by taking the average of the interval observed diffusivities. It should be reported with the computed uncertainty (i.e., standard deviation).

NOTE: Since the analysis presented above assumes a diffusion process, only those interval mass transfer coefficients corresponding to leaching intervals with slopes of 0.50 ± 0.15 are included in the overall average mass-transfer coefficient.

13.3 Data representation by constituent

A concise representation of all relevant data for a single constituent may be presented as shown in Figure 12 for arsenic from a field core of FSSL material. The data shows eluate pH generation as a function of leaching time (Figure 12a), comparison between eluate concentrations and Method 1313 data as a function of eluate pH (Figure 12b), constituent flux as a function of generalized mean cumulative leaching time (Figure 12c), and constituent release as a function of cumulative leaching time (Figure 12d).

13.3 Interpolation/extrapolation to target time values

The collected time-dependence data may be interpolation or extrapolated to the nearest target cumulative time (Σt) value for purposes of comparing different data sets (e.g., test replicates of the same or different materials). The most transparent and straight-forward method is linear interpolation/extrapolation of data after $\log_{10}$-transformation.

13.3.1 Log_{10}-transform

Collected concentration values are transformed by taking the $\log_{10}$ of the measured concentration at each test position, i:

$$C_i = \log_{10}(c_i)$$

Where: c_i = the concentration measured at test position, i, (mg/L)
C_i = $\log_{10}$-transformed concentration at test position, i, ($\log_{10}$[mg/L])

13.3.2 Linear interpolation/extrapolation

Given a set of coordinate data $\{ (\Sigma t_i, C_i) : i = 1,...n \}$ sorted by into increasing order by Σt value (e.g., $\Sigma t_1 < \Sigma t_2 < \cdots < \Sigma t_n$), an interpolated/extrapolated $\log_{10}$-transformed concentration at a known Σt target is calculated as:

$$C_T = a_T + b_T \cdot \Sigma t_T$$

Where: Σt_T = a target cumulative time value
C_T = the concentration at target Σt value, Σt_T ($\log_{10}$[s])

Depending on the values of observed Σt values relative to target Σt values, the calculations of the coefficients a_T and b_T in the equation may differ according to the following algorithm:

- If $\Sigma t_T < \Sigma t_1$, then $b_T = (C_2 - C_1) / (\Sigma t_2 - \Sigma t_1)$ and $a_T = C_2 - b_T \cdot \Sigma t_2$ (extrapolation from the two points with closest Σt values);
- If $\Sigma t_T \geq \Sigma t_n$, then $b_T = (C_n - C_{n-1}) / (\Sigma t_n - \Sigma t_{n-1})$ and $a_T = C_n - b_T \cdot \Sigma t_n$ (extrapolation from the two points with closest Σt values);
- If $\Sigma t_{j-1} \leq \Sigma t_T < \Sigma t_j$, then $b_T = (C_j - C_{j-1}) / (\Sigma t_j - \Sigma t_{j-1})$and $a_T = y_j - b_T \cdot \Sigma t_j$ (interpolation from the two closest points surrounding Σt_T).

NOTE: Interpolation or extrapolation of data should only be conducted within a distance of ±20% of the target Σt value. Since the allowable L/S tolerance about a target L/S values is variable (see Table 1), interpolation/extrapolation should not create data at a target Σt value where collected data is missing.

14.0 METHOD PERFORMANCE

14.1 Performance data and related information are provided in SW-846 methods only as examples and guidance. The data do not represent required performance criteria for users of the methods. Instead, performance criteria should be developed on a project-specific basis, and the laboratory should establish in-house QC performance criteria for the application of this method. These performance data are not intended to be and must not be used as absolute QC acceptance criteria for purposes of laboratory accreditation.

14.2 Interlaboratory validation of this method was conducted using a solidified waste analog (material code SWA) and a contaminated smelter site soil (material code CFS). Repeatability and reproducibility was determined for mean interval flux excluding the first wash-off interval (see Table 2) and for cumulative mass released after 63-days of leaching (see Table 3). More details on the interlaboratory validation may be found in Ref. 14.

14.3 Refs. 1 and 7 may provide additional guidance and insight on the use, performance and application of this method.

15.0 POLLUTION PREVENTION

15.1 Pollution prevention encompasses any technique that reduces or eliminates the quantity and/or toxicity of waste at the point of generation. Numerous opportunities for pollution prevention exist in laboratory operations. The EPA has established a preferred hierarchy of environmental management techniques that places pollution prevention as the management option of first choice. Whenever feasible, laboratory personnel should use pollution prevention techniques to address their waste generation. When wastes cannot be feasibly reduced at the source, the Agency recommends recycling as the next best option.

15.2 For information about pollution prevention that may be applicable to laboratories and research institutions consult Less is Better: Laboratory Chemical Management for Waste Reduction available from the American Chemical Society's Department of

Government Relations and Science Policy, 1155 16th St., N.W. Washington, D.C. 20036, http://www.acs.org.

16.0 WASTE MANAGEMENT

The Environmental Protection Agency requires that laboratory waste management practices be conducted consistent with all applicable rules and regulations. The Agency urges laboratories to protect the air, water, and land by minimizing and controlling all releases from hoods and bench operations, complying with the letter and spirit of any sewer discharge permits and regulations, and by complying with all solid and hazardous waste regulations, particularly the hazardous waste identification rules and land disposal restrictions. For further information on waste management, consult The Waste Management Manual for Laboratory Personnel available from the American Chemical Society at the address listed in Sec. 15.2.

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18.0 TABLES, DIAGRAMS, FLOW CHARTS, AND VALIDATION DATA

The following pages contain the tables and figures referenced by this method

TABLE 1

SCHEDULE OF ELUATE RENEWALS

Interval Label	Interval Duration (h)	Interval Duration (d)	Cumulative Leaching Time (d)
T01	2.0 ± 0.25	–	0.08
T02	23.0 ± 0.5	–	1.0
T03	23.0 ± 0.5	–	2.0
T04	–	5.0 ± 0.1	7.0
T05	–	7.0 ± 0.1	14.0
T06	–	14.0 ± 0.1	28.0
T07	–	14.0 ± 0.1	42.0
T08	–	7.0 ± 0.1	49.0
T09	–	14.0 ± 0.1	63.0

NOTE: This schedule may be extended for additional 14-day contact intervals to provide more information regarding longer-term release.

TABLE 2

METHOD PRECISON FOR MEAN INTERVAL FLUX (2^{nd} – 9^{th} Intervals)

		Repeatability		Reproducibility	
Analyte	Symbol	SWA $\%RSD_r$	CFS $\%RSD_r$	SWA $\%RSD_R$	CFS $\%RSD_R$
Aluminum	Al	7.3	13.3	25.3	25.3
Antimony	Sb	9.2	14.8	21.8	23.8
Arsenic	As	19.9	-	31.1	-
Barium	Ba	13.2	7.5	44.8	18.3
Boron	B	10.8	7.2	27.3	27.1
Cadmium	Cd	-	7.6	-	23.2
Calcium	Ca	8.1	6.6	28.7	26.0
Chromium	Cr	10.2	-	23.8	-
Lead	Pb	-	4.3	-	19.8
Potassium	K	12.4	10.8	28.8	40.1
Selenium	Se	10.9	13.3	30.8	32.4
Vanadium	V	8.5	11.3	22.3	30.6
Material Mean		11%	10%	29%	27%
Overall Mean		11%		28%	

NOTE: First interval is removed from mean interval flux because of variances associated with wash-off of surface contaminants that do not pertain to the method precision.

Data taken from Reference 14.

TABLE 3

METHOD PRECISON FOR CUMULATIVE RELEASE AFTER 63-DAYS

		Repeatability		Reproducibility	
Analyte	Symbol	SWA $\%RSD_r$	CFS $\%RSD_r$	SWA $\%RSD_R$	CFS $\%RSD_R$
Aluminum	Al	5.4	5.3	23.6	22.9
Antimony	Sb	6.9	5.9	19.7	14.4
Arsenic	As	15.9	-	31.0	-
Barium	Ba	7.5	3.9	35.6	16.5
Boron	B	8.4	3.7	22.6	25.7
Cadmium	Cd	-	4.8	-	18.4
Calcium	Ca	4.6	3.2	23.9	24.6
Chromium	Cr	7.7	-	17.7	-
Lead	Pb	-	1.6	-	12.0
Potassium	K	10.8	6.3	24.8	44.4
Selenium	Se	8.7	3.6	26.7	20.5
Vanadium	V	5.7	4.2	21.1	22.8
Material Mean		8%	4%	25%	22%
Overall Mean		6%		23%	

Data taken from Reference 14.

FIGURE 1

EXAMPLES OF MONOLITHIC SAMPLE HOLDERS

a) 3-D Configuration

Sample Holder

Sample, Holder and Stand

3-D Leaching Setup

b) 1-D Configuration

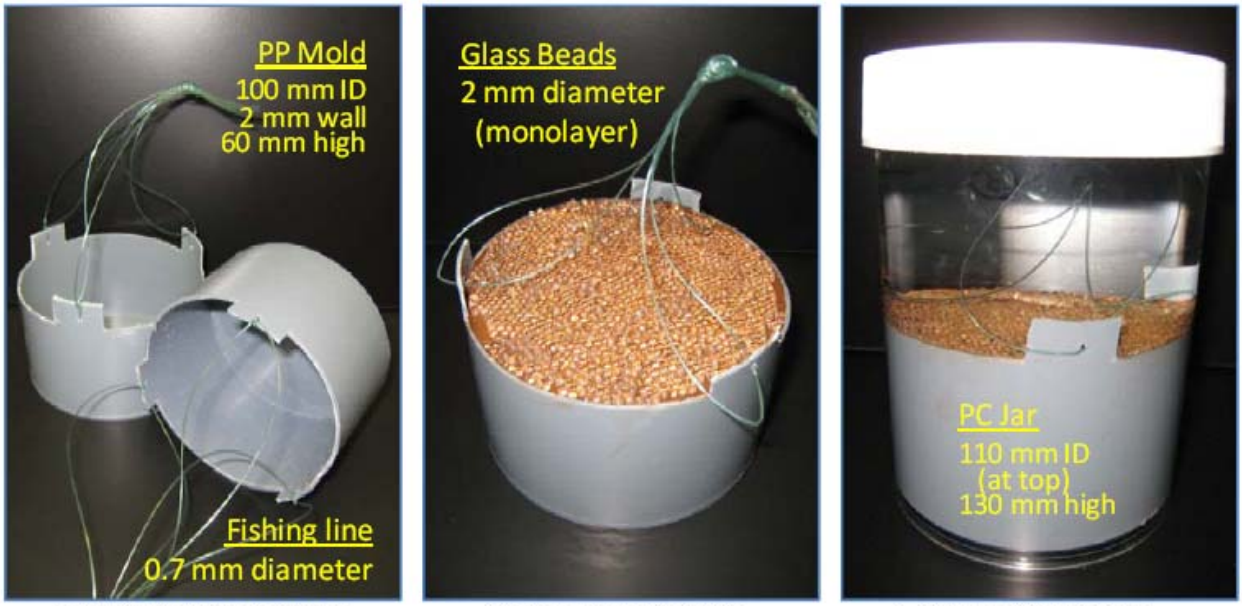
Empty Sample Holder

Full Sample Holder

1-D Leaching Setup

FIGURE 2

EXAMPLE COMPACTED GRANULAR SAMPLE HOLDER AND SETUP



Empty Sample Holder | Compacted Sample | 1-D Leaching Setup

FIGURE 3

METHOD 1315 FLOWCHART

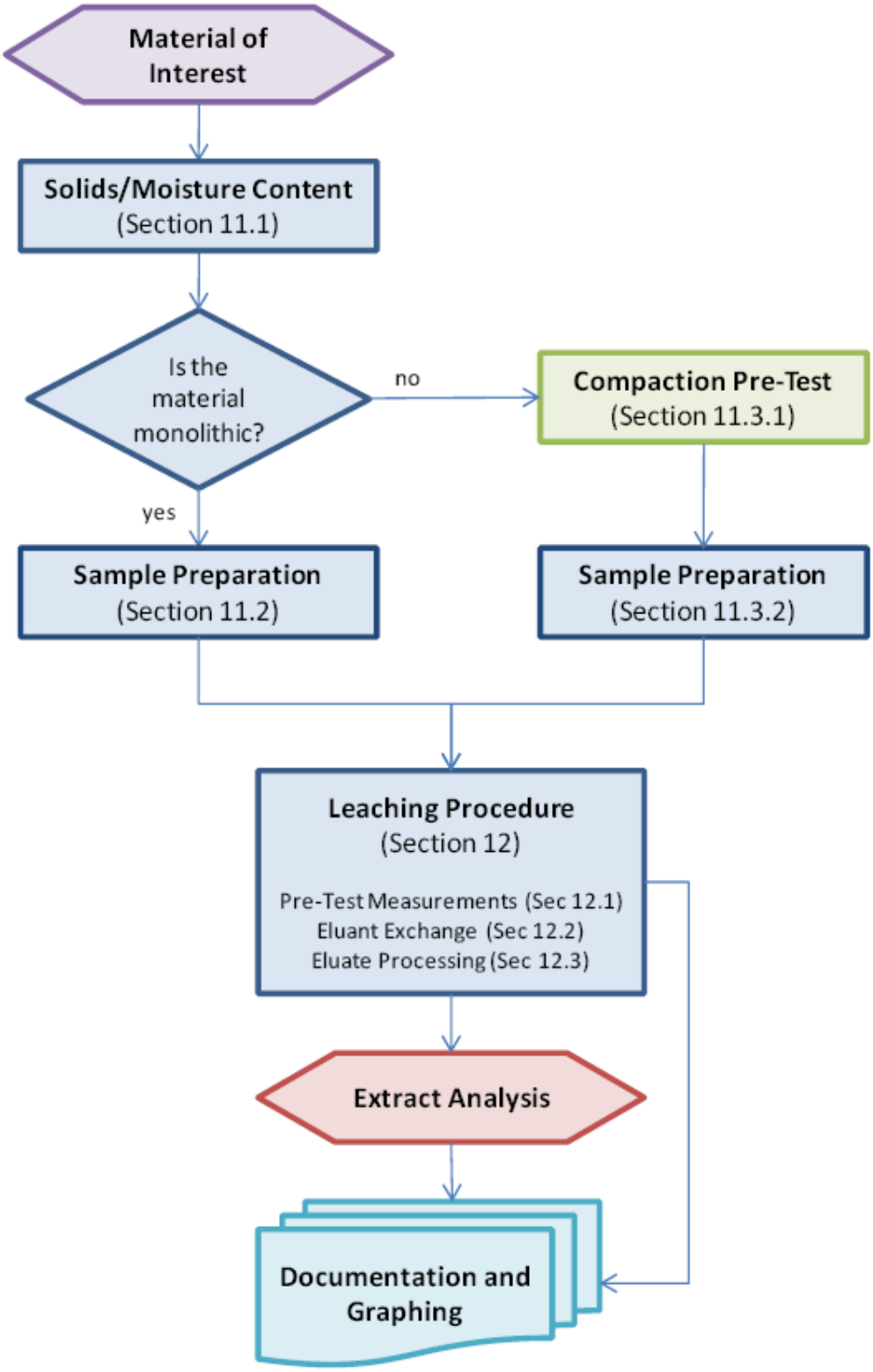


FIGURE 4

EXAMPLE CURVE OF PACKING DENSITY AS A FUNCTION OF MOISTURE CONTENT

$y = 55.975x^3 - 65.036x^2 + 1.8352$

$r^2 = 0.983$

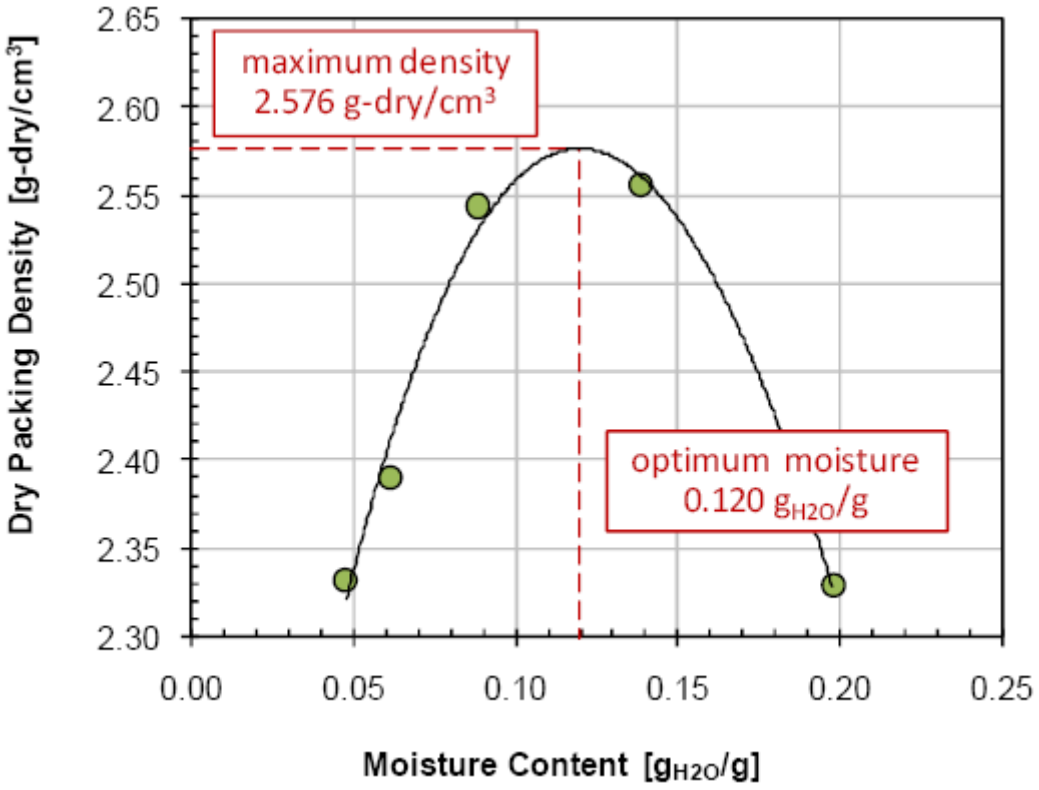


FIGURE 5

SCHEMATIC OF SEMI-DYNAMIC MASS TRANSFER TEST PROCESS

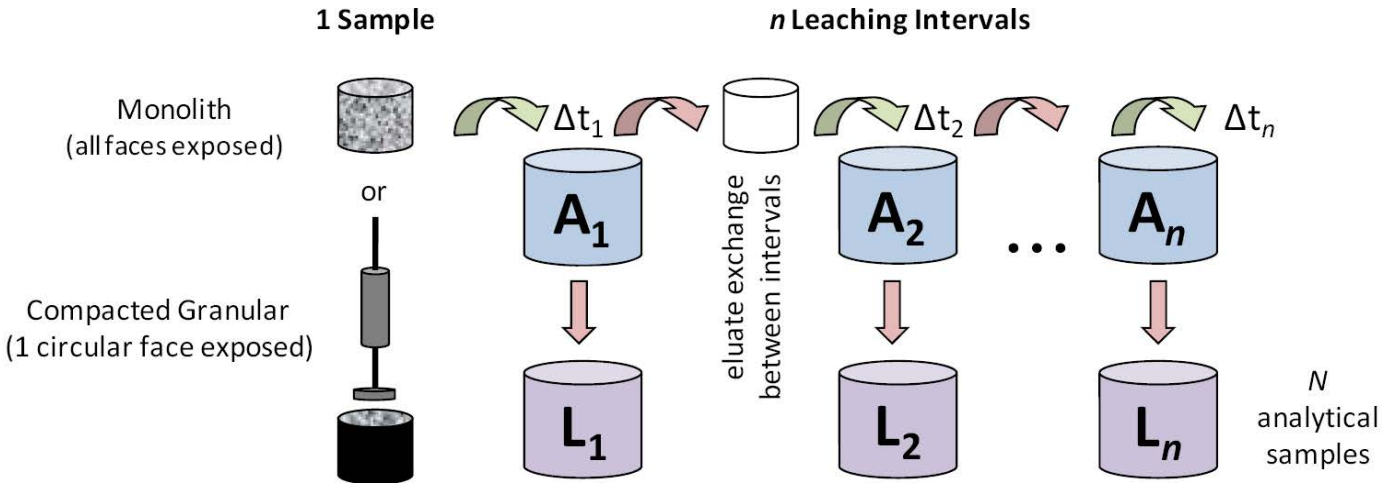
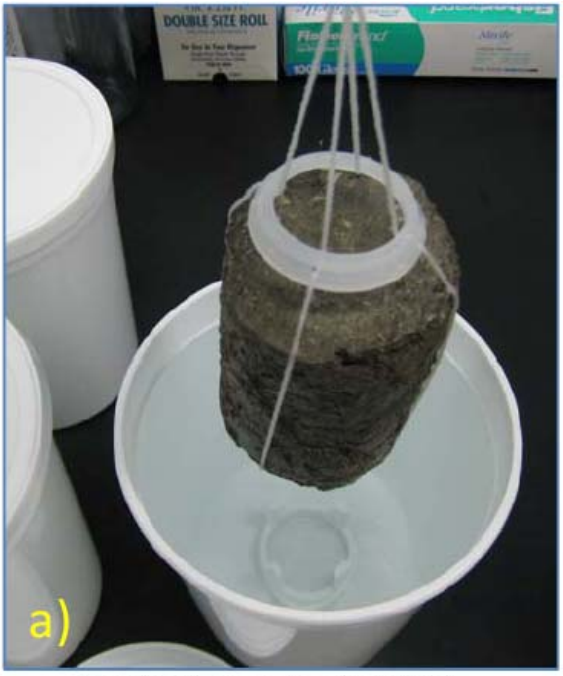


Figure obtained and modified from Ref. 11.

FIGURE 6

EXAMPLE LEACHING PROCEDURE STEPS



Start of Leaching Interval

Sample Centered in Eluant (top view)

Removing Sample for Exchange

Mass of Sample and Holder

FIGURE 7

EXAMPLE DATA REPORTING SHEET

EPA METHOD 1315
Report of Analysis

ABC Laboratories
123 Main Street
Anytown, USA
Contact: John Smith
(555) 111-1111

Client Contact: Susan Jones
(555) 222-2222

Material Code:	**XYZ**	Particle Size:	88% passing 2-mm sieve
Material Type:	Coal Combustion Fly Ash	Mass used in Column:	860 g
Date Received:	10/1/20xx	Moisture Content:	0.002 g_{H_2O}/g
Test Start Date:	11/1/20xx	Sample Geometry:	Cylinder
Report Date:	12/1/20xx	Sample Diameter	10.0 cm
		Sample Depth:	60.3 cm
Test Type:	Compacted Granular	Mass of Sample & Holder	1020 g
Eluent:	ASTM Type II Water	Lab Temperature:	21 ± 2 °C

Test Position	Replicate	Value	Units	Method	Note
T01	**A**				
	Eluate Sample ID	**XYZ-1315-T01-A**			
	Exchange Date	11/1/20xx			
	Target Exchange Time	12:00	PM		
	Actual Exchange Time	12:15	PM		
	Mass of Sample & Holder	1026	g		
	Eluate Mass	730.4	g		
	Eluate pH	8.82	-	EPA 9040	
	Eluate Conductivity	5.4	mS/c	EPA 9050	
	Eluate ORP	NA	mv		

Chemical Analysis	Value	Units	QC Flag	Method	Date	Dilution Factor
Al	4.72	mg/L		EPA 6020	11/7/20xx	1000
As	0.12	mg/L		EPA 6020	11/7/20xx	10
Cl	5.42	mg/L		EPA 9056	11/9/20xx	1

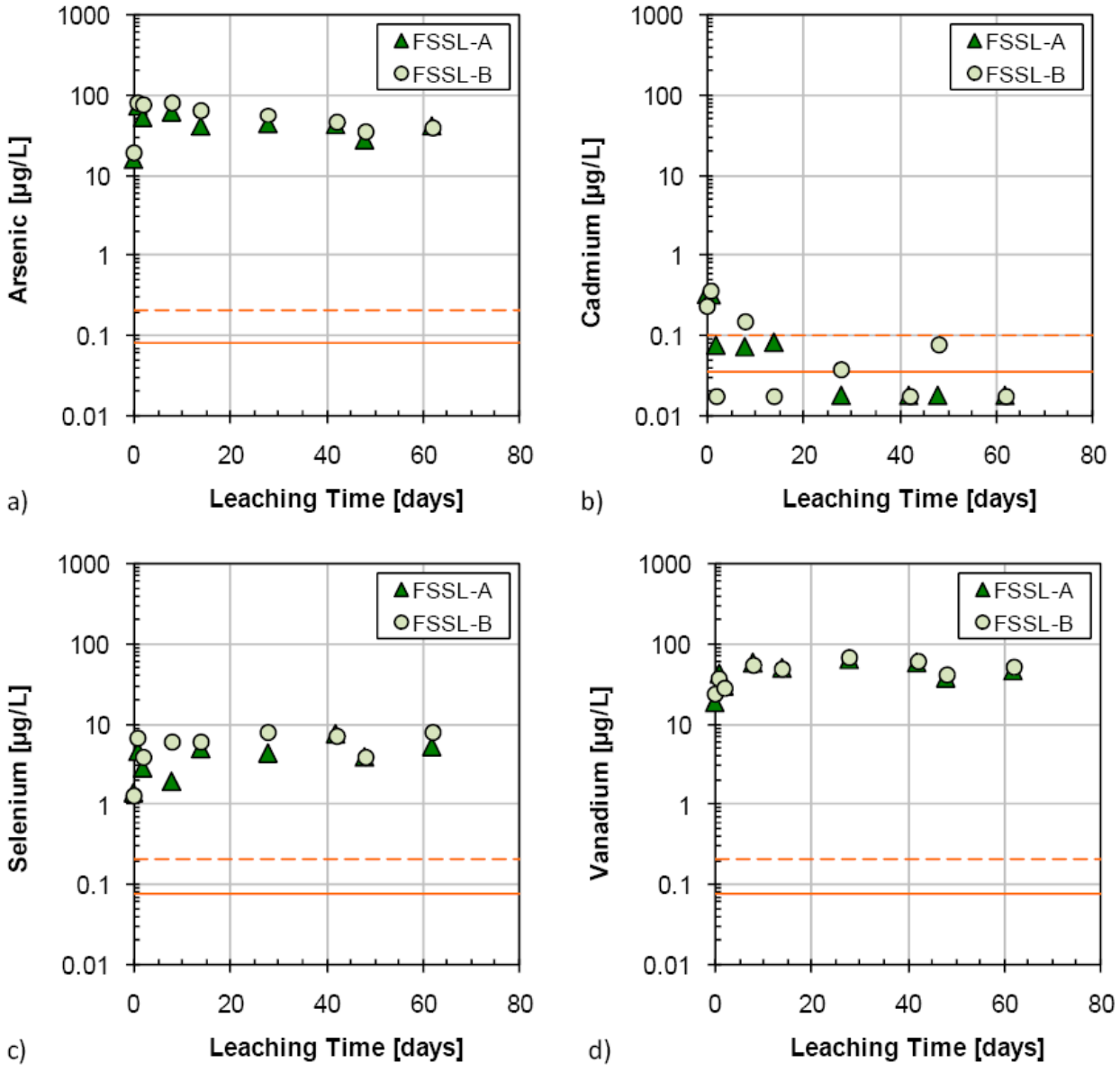
Test Position	Replicate	Value	Units	Method	Note
T02	**A**				
	Eluate Sample ID	**XYZ-1315-T02-A**			
	Exchange Date	11/1/20xx			
	Target Exchange Time	12:00	PM		
	Actual Exchange Time	12:18	PM		
	Mass of Sample & Holder	1027	g		
	Eluate Mass	725.0	g		
	Eluate pH	9.15	-	EPA 9040	
	Eluate Conductivity	2.8	mS/c	EPA 9050	
	Eluate ORP	NA	mv		

Chemical Analysis	Value	Units	QC Flag	Method	Date	Dilution Factor
Al	2.99	mg/L		EPA 6020	11/7/20xx	1000
As	0.21	mg/L		EPA 6020	11/7/20xx	10
Cl	4.20	mg/L	U	EPA 9056	11/7/20xx	1

QC Flag Key: U Value below lower limit of quantitation as reported (< "LLOQ")

FIGURE 8

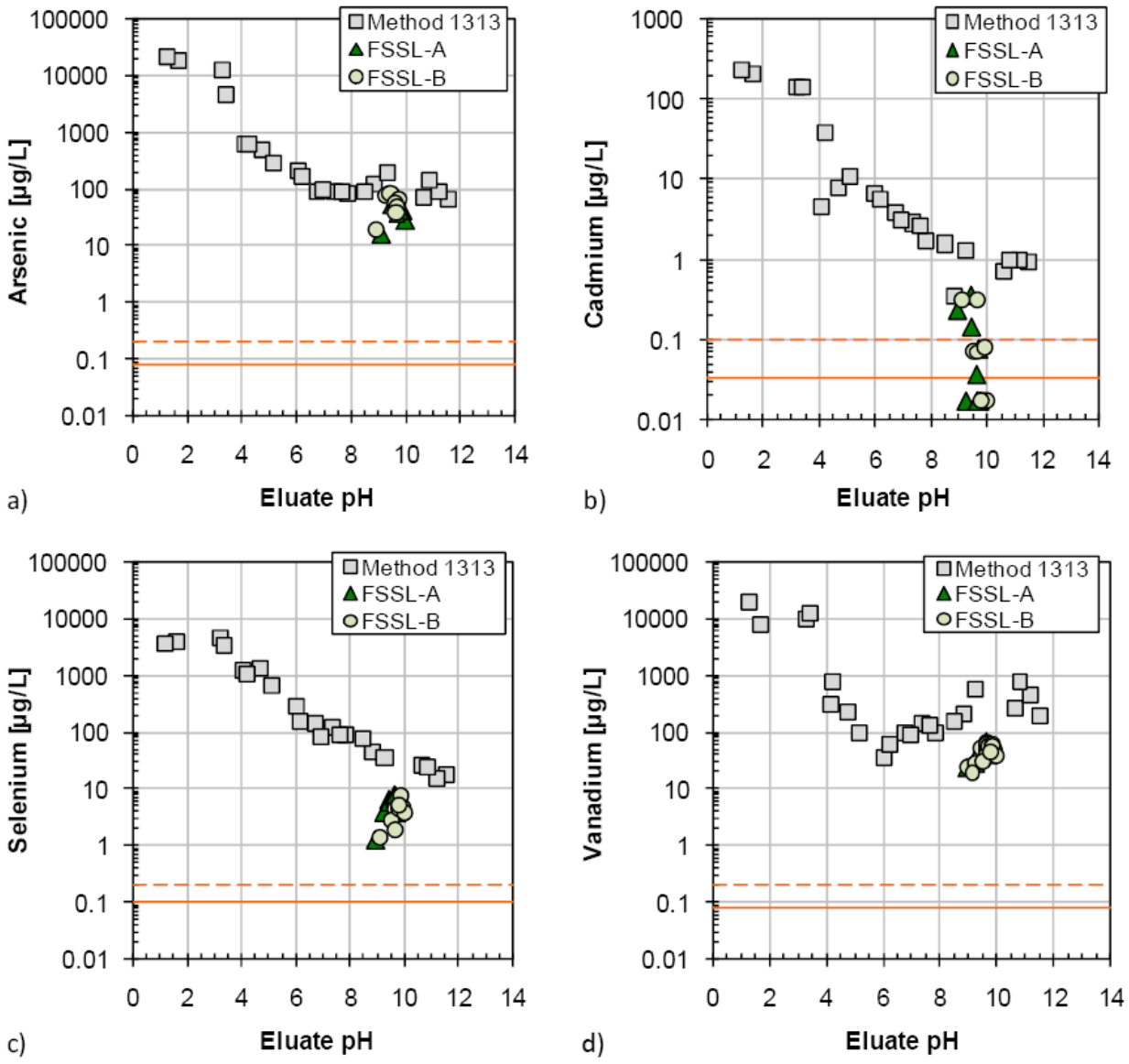
EXAMPLE INTERVAL CONCENTRATION GRAPHS



NOTE: Orange lines represent cumulative release if all eluate extracts were at the quantitation limit (dashed) and detection limit (solid). Chemical analyses below the detection limit are shown at ½ the detection limit value.

FIGURE 9

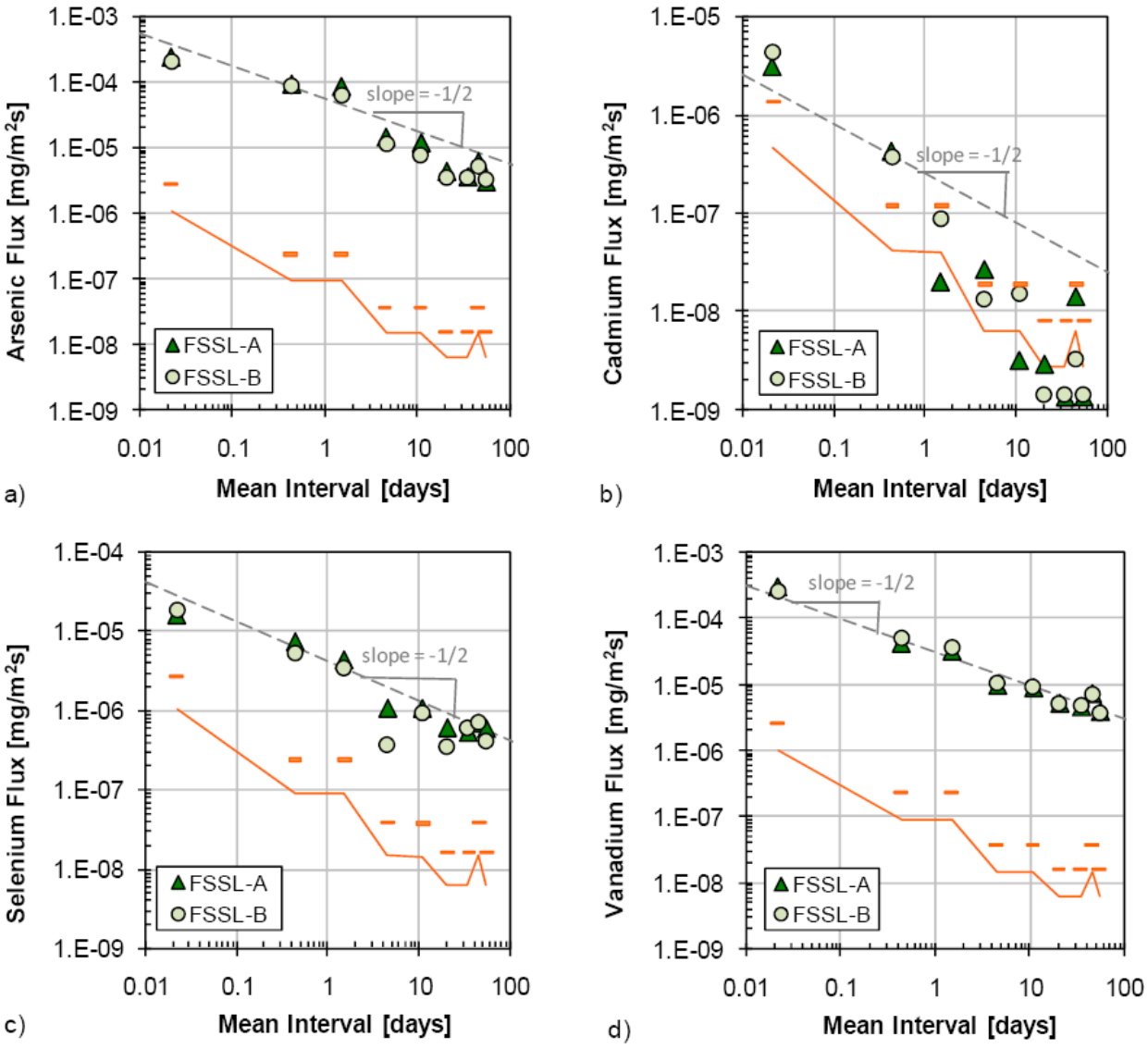
EXAMPLE OF SATURATION CHECK BETWEEN INTERVAL CONCENTRATIONS AND METHOD 1313 DATA



NOTE: Orange lines represent cumulative release if all eluate extracts were at the quantitation limit (dashed) and detection limit (solid). Chemical analyses below the detection limit are shown at ½ the detection limit value.

FIGURE 10

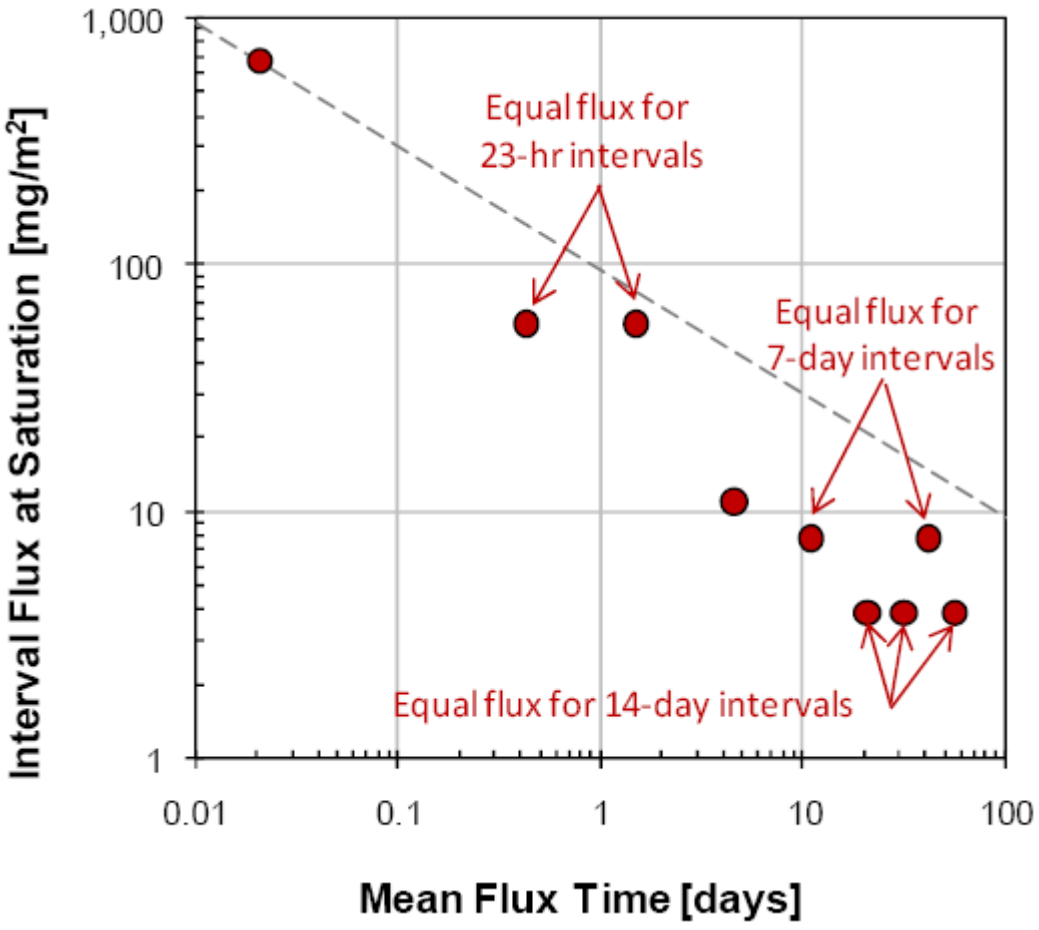
EXAMPLE INTERVAL FLUX GRAPHS



NOTE: Orange data represent cumulative release if all eluate extracts were at the quantitation limit (dashes) and detection limit (solid line).

FIGURE 11

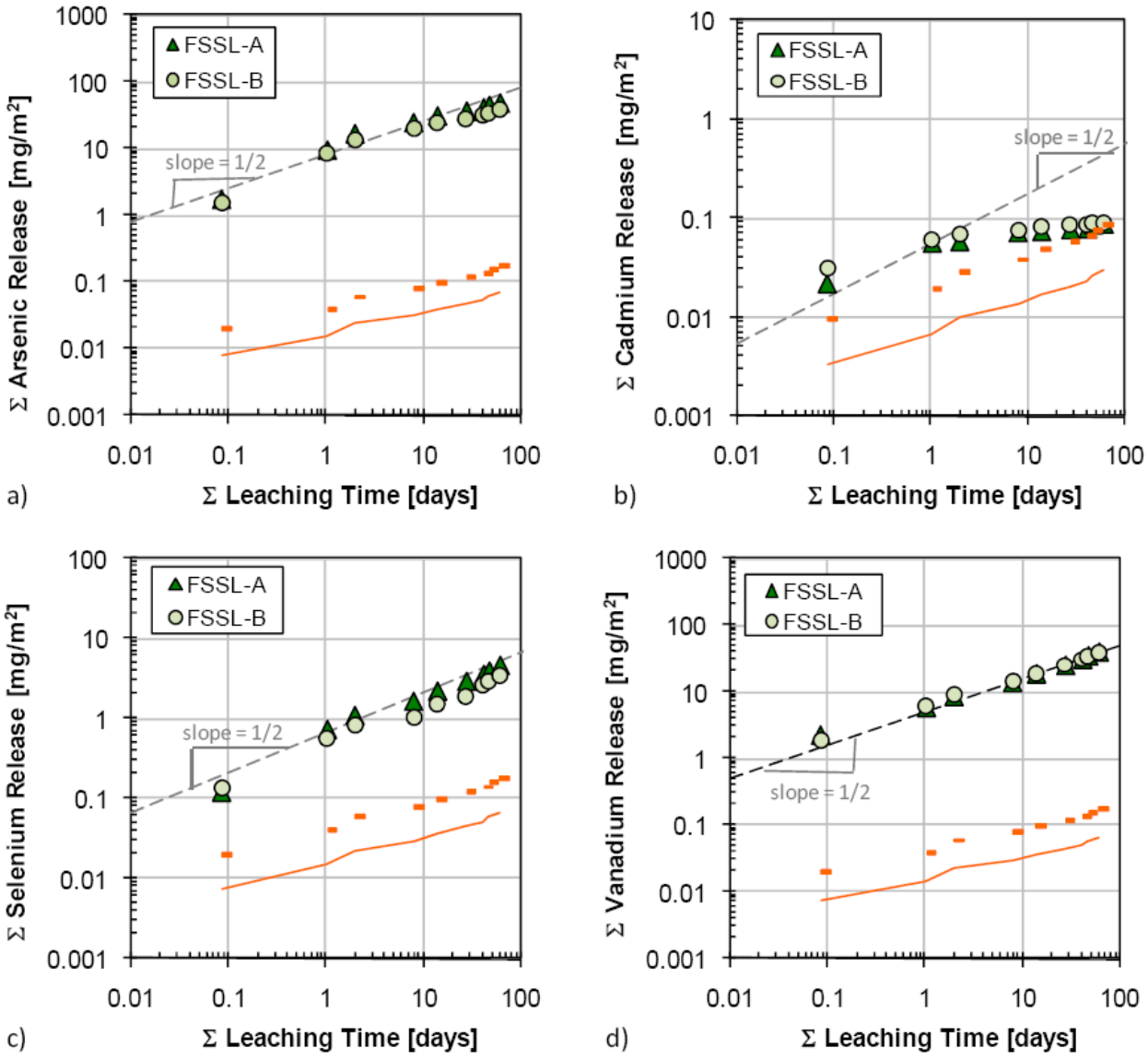
INTERVAL FLUX AT ELUATE SATURATION



NOTE: This figure assumes that the concentration in the eluate approaches saturation during the leaching interval (i.e., the driving force for diffusion approaches zero). When the leaching solution is saturated, the resulting mass release and interval flux is constant for intervals of the same duration.

FIGURE 12

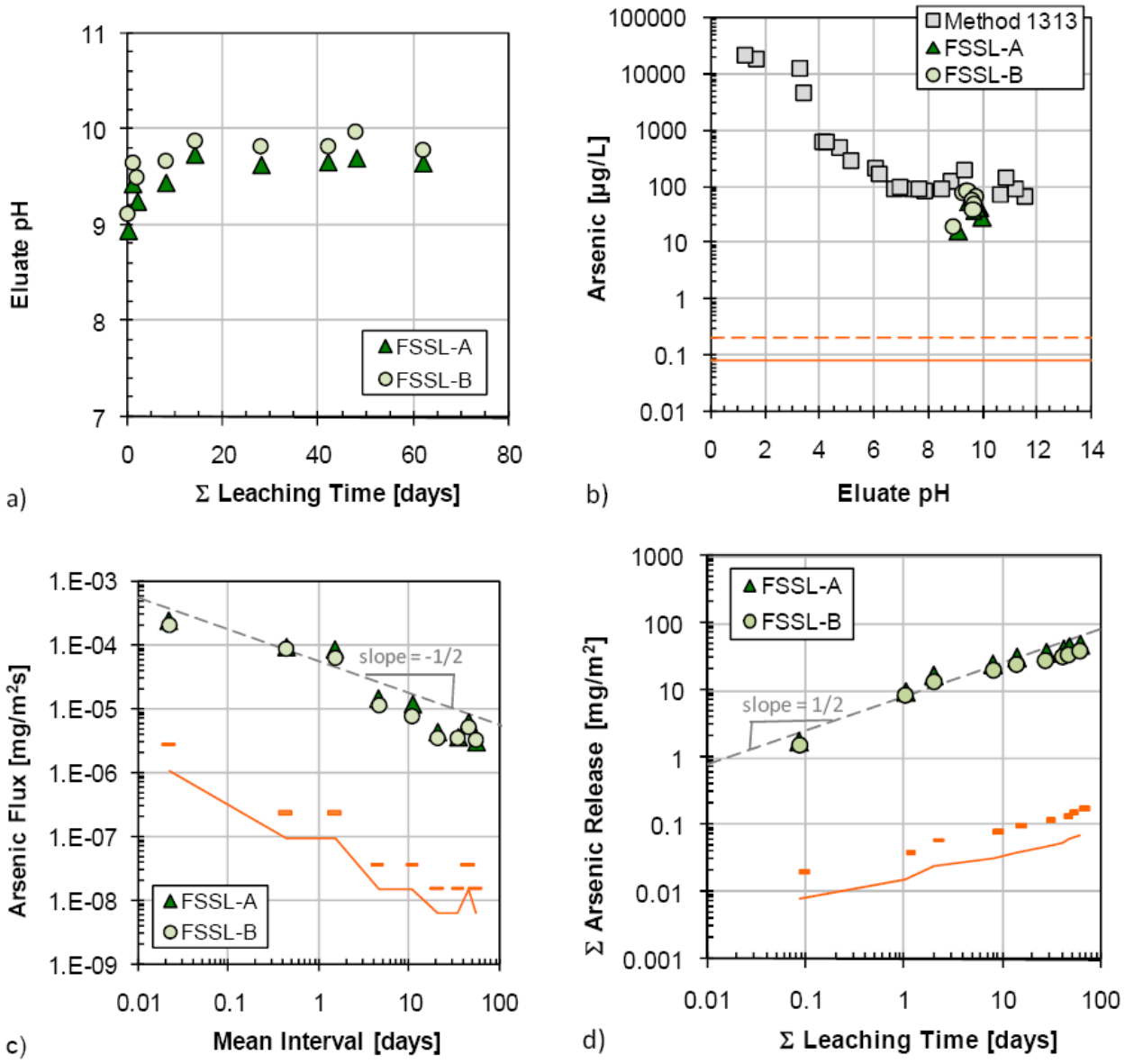
EXAMPLE CUMULATIVE RELEASE GRAPHS



NOTE: Orange data represent cumulative release if all eluate extracts were at the quantitation limit (dashes) and detection limit (solid line).

FIGURE 13

DATA REPRESENTATION BY CONSTITUENT (QUAD FORMAT)



NOTE: Orange data represent cumulative release if all eluate extracts were at the quantitation limit (dashes) and detection limit (solid line).

QAPP for the EPA Interlaboratory Validation Study of Proposed SW846 Leaching Methods

Quality Assurance Project Plan
Category III / Technology Development
Draft

Contract No. EP-C-09-027
Work Assignment No. 2-7

November 2011

10/25/2011
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Work Assignment Leader

10/25/2011
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QAPP for the EPA Interlaboratory Validation Study of Proposed SW846 Leaching Methods

Quality Assurance Project Plan
Category III / Technology Development
Final

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List of Acronyms and Abbreviations

AA	atomic adsorption
ANOVA	analysis of variance
APPCD	Air Pollution Prevention and Control Division
ARCADIS	ARCADIS, U.S., Inc.
CCR(s)	coal combustion residue(s)
CCV	continuing calibration verification
COPC(s)	constituent(s) of potential concern
CVAA	cold vapor atomic adsorption
DIC	dissolved inorganic carbon
DOC	dissolved organic carbon

DQI	data quality indicator
EC	elemental carbon
EPA	U.S. Environmental Protection Agency
FGD	flue-gas desulfurization
FWHM	full width at half maximum
g	gram
HPGe	high purity germanium
IC	inorganic carbon
ICP	inductively couple plasma
ICV	initial calibration verification
LOI	loss on ignition
MDA	minimum detectable activity
MDL	method detection limit
mL	milliliter
ML	minimum level of quantification
MLQ	minimum level of quantification
MS	mass-spectrometry
NA	not applicable
NCSU	North Carolina State University
NIST	National Institute of Science and Technology
NPOC	non-purgeable organic carbon
OC	organic carbon
OES	optical emission spectroscopy
ORCR	Office of Resource Conservation and Recovery
ORD	Office of Research and Development
OSR	Office of Solid Waste
QAPP	quality assurance project plan
RL	reporting limit
RPD	relative percent difference
RSD	relative standard deviation
SPLP	synthetic precipitation leaching procedure

SW-846	EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods
TCLP	toxicity characteristic leaching procedure
TD	thermal decomposition
TSA	technical system audit
XRF	X-ray fluorescence spectrometry

Distribution List

Copies of this plan and all revisions will be initially sent to the following individuals. It is the responsibility of the U.S. Environmental Protection Agency (EPA) Work Assignment Manager and of the ARCADIS, U.S., Inc. (ARCADIS) Work Assignment Leader to make copies of the plan available to all field personnel.

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1. Project Objectives and Organization

1.1 Purpose

The Air Pollution Prevention and Control Division (APPCD) of EPA's Office of Research and Development (ORD) is conducting research to evaluate potential leaching and cross media transfers of mercury and other constituents of potential concern (COPCs) resulting from the management of coal combustion residues (CCRs) resulting from wider use of state-of-the art air pollution control technology. This research was cited as a priority in EPA's Mercury Roadmap (http://www.epa.gov/mercury/roadmap.htm) to ensure that one environmental problem is not being traded for another. The objective is to understand the fate of mercury and other COPCs and ensure that emissions being controlled in the flue gas at power plants are not later being released depending upon how the CCRs are managed.

As part of this research effort, individual leaching test methods have been developed for inclusion into SW846. These methods were adapted by Dr. David Kosson, Dr. Florence Sanchez, and Dr. Andrew Garrabrants of Vanderbilt University, and their consultant, Dr. Hans van der Sloot from The Netherlands, from the publication titled *An Integrated Framework for Evaluating Leaching in Waste Management and Utilization of Secondary Materials* (Kosson et al., 2002, Environmental Engineering Science, Volume 19, Number 3, 159-203). Four test methods have been developed as preliminary versions of EPA methods[1] and can be found at http://www.vanderbilt.edu/leaching/downloads.html. The four leaching test methods include:

1. Pre Method 1313: Liquid-Solid Partitioning as a Function of Extract pH for Constituents in Solid Materials using a Parallel Batch Extraction Procedure

2. Pre Method 1314: Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio for Constituents in Solid Materials using an Up-flow Percolation Column Procedure

3. Pre Method 1315: Mass Transfer Rates of Constituents in Monolithic or Compacted Granular Materials using a Semi-dynamic Tank Leaching Procedure

4. Pre Method 1316: Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio for Constituents in Solid Materials using a Parallel Batch Extraction Procedure

[1] Preliminary Version denotes that this method has not been endorsed by EPA but is under consideration for inclusion into SW-846.

Multilaboratory validation data is necessary for a method to be considered for inclusion in SW-846 (per *Guidance for Methods Development and Validation for the RCRA Program)*. This Quality Assurance Project Plan (QAPP) is being written to cover the EPA Interlaboratory Validation Study of the above four proposed SW-846 leaching methods. A separate interlaboratory study will be performed for each of the four methods separately. Due to similarities in equipment and procedures, the first methods to be tested are Pre Method 1313 and Pre Method 1316.

1.2 Project Objectives

US EPA's Office of Resource Conservation and Recovery (ORCR) formerly the Office of Solid Waste (OSW) requires that an interlaboratory validation be conducted for a method to be considered for inclusion into SW-846. This QAPP will detail the process by which each of the four proposed leaching methods will be validated by at least five, and up to ten, different laboratories to establish reproducibility.

The determination of laboratory reproducibility is the final stage in the method development process, prior to the submission of the method for ORCR review. By reproducibility, the Agency means that multiple operators and multiple laboratories should be able to obtain comparable performance data on split samples using the method. It is necessary to demonstrate that satisfactory method performance is not limited to the individual operator or laboratory that developed the method. The minimum number of laboratories that are needed to participate in a multilaboratory method validation is three, with preferably more. Developers of new methods need to do a limited multilaboratory evaluation and provide the individual laboratory and summary performance data in the method submission.

This QAPP is a replacement of the QAPP approved on June 21, 2010 (QTRAK# 03069-A00244). This QAPP will provide details of the following tasks:

- Preparation and characterization of the CCR by APPCD's on-site laboratory support contractor, ARCADIS, prior to distributing to each laboratory participating in the validation study (Task 1)

- Leaching of CCR and other method validation materials (by the proposed SW846 method) by ARCADIS (to establish the baseline results) and by each participating laboratory. All leachates will be submitted to Vanderbilt University for analysis (Task 2)

- Determination of the reproducibility (variability between laboratories), repeatability (single-operator precision) and accuracy of each method (Task 3)

- Leaching of 5 fly ash, 3 scrubber sludge, the 3 other validation materials (foundry sand, solid waste analog, and contaminated field soil), and a cement kiln dust sample using SW-846 Method 1311 "Toxicity Characteristic Leaching Procedure" (EPA, 1992) and SW-846 Method 1312 "Synthetic

Precipitation Leaching Procedure" (EPA, 1994) with analysis for metals by ICP-OES for comparison with the proposed new leaching methods (Task 4)

- Vanderbilt will perform radionuclide testing on 35 fly ash samples, 6 flue-gas desulfurization (FGD) gypsum and 1 cement kiln dust samples to determine uranium species and concentrations by the measurement of Beta and Gamma decay particles (Task 5)

2. Project Organization

The organizational chart for this project is shown in Figure 2-1. The roles and responsibilities of the project personnel are discussed in the following paragraphs. In addition, contact information is also provided. Appendix A identifies the nine laboratories participating in this interlaboratory validation study.

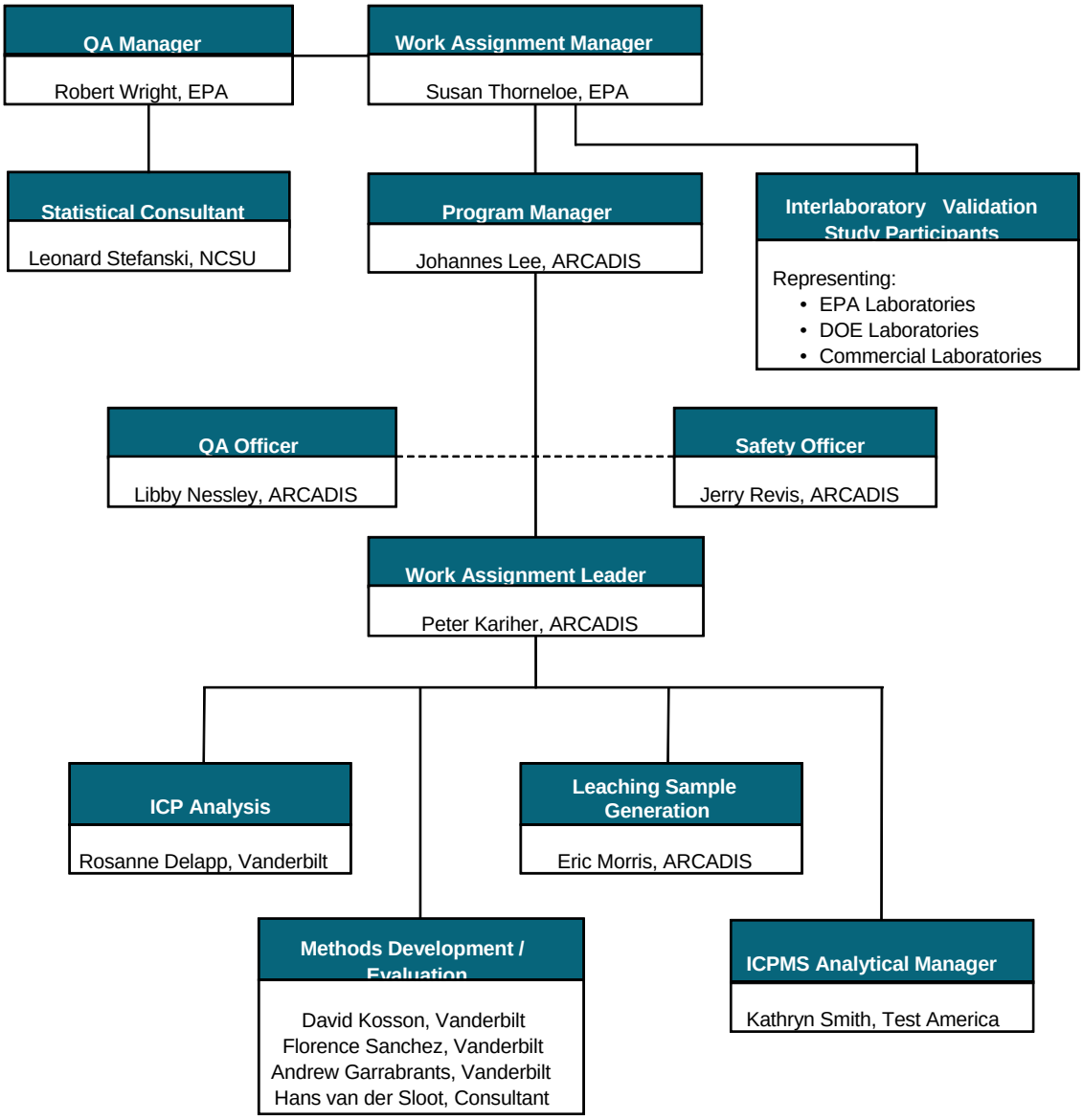

Figure 2-1. Project Organizational Chart

EPA Work Assignment Manager, Susan Thorneloe: The EPA WA Manager is responsible for communicating the scope of work, and is the primary party responsible for review and approval of this QAPP and all other deliverables under this work assignment. The EPA WA Manager is responsible for providing ARCADIS with the various CCR to be used for this interlaboratory validation study. Ms. Thorneloe will also send requests to a number of EPA, DOE and commercial laboratories asking for participation in this interlaboratory study, and will be responsible for making the final selection of which laboratories will be included in the study. She will receive the laboratory data packages, and oversee the evaluation of the results by Vanderbilt, ARCADIS, and the NCSU statistician.

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EPA QA Representative, Robert Wright: The EPA QA Representative will be responsible for reviewing and approving this QAPP. This project has been assigned a QA category III and may be audited by EPA QA. Mr. Wright is responsible for coordinating any EPA audits.

Phone (919) 541-4502
E-mail: wright.bob@epamail.epa.gov

ARCADIS Work Assignment Leader, Peter Kariher: The ARCADIS WA Leader is responsible for preparing project deliverables and managing the work assignment. He will ensure the project meets scheduled milestones and stays within budgetary constraints agreed upon by EPA. The WA Leader is also responsible for communicating any delays in scheduling or changes in cost to the EPA WA Manager as soon as possible. Mr. Kariher, along with Dr. Kosson (Vanderbilt) and Dr. Stefanski (NCSU) will review the laboratory data packages.

Phone (919) 541-5740
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ARCADIS Inorganic Laboratory Manager, Peter Kariher: In addition to being the WA Leader, Peter Kariher is also responsible for the operation of EPA's in-house Inorganic Laboratory. Mr. Kariher is responsible for preparation of this QAPP, and will prepare the homogenized CCR(s) to be used in the interlaboratory validation study. He will perform the characterization and leaching of each CCR by Pre-Methods 1313 and 1316 prior to distributing the CCR to the labs for comparative analysis. Mr. Kariher will operate the mercury analyzer and ion chromatograph, and for the leaching studies and mercury and metals analyses, will be supported by one technician: John Foley. Mr. Kariher will perform SW-846 Method 3052 digestion of solid CCR samples and also be responsible for mercury analysis of samples by CVAA. John Foley will perform the leaching tests. Mr. Kariher will submit the remaining Method 3052 digestates to the subcontract analytical laboratory, Test America-Savannah for ICP/MS analysis of the other target metals. He will also be involved with the EPA WAM and the Vanderbilt University methods developers in evaluating the results.

Phone (919) 541-5740
E-mail: peter.kariher@arcadis-us.com

Test America-Savannah Analytical Manager, Kathryn Smith: Ms. Smith will review and validate the ICP/MS results for total content digest samples and report them to Mr. Kariher.

Phone (912) 354-7858
E-mail: kathye.smith@testamericainc.com

ARCADIS Designated QA Officer, Libby Nessley: The ARCADIS QA Manager, Libby Nessley, has been assigned QA responsibilities for this work assignment. Ms. Nessley will be responsible for reviewing this QAPP prior to submission to EPA QA for review. Ms. Nessley will perform an internal data quality audit on at least 10% of the ARCADIS reported data. In addition, she will perform a Technical System Audit (TSA) if requested by the EPA WAM or the ARCADIS WAL. All QA/QC related problems will be reported directly to the ARCADIS WAL, Peter Kariher.

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Vanderbilt University, Methods Development, Professors David Kosson, Florence Sanchez, Andrew Garrabrants, and Rossane Delapp; Consultant, Methods Development, Hans van der Sloot: Dr. Kosson in cooperation with Dr. Florence Sanchez, Dr. Andrew Garrabrants, and Dr. Hans van der Sloot developed the leachability methods being evaluated during this interlaboratory validation study. All leachates will be sent to Vanderbilt University for analysis by ICP-OES. Ms. Rossane Delapp will assist in the analysis of the leachates for determination of the non-mercury metals concentrations and will develop the LeachXS Lite analytical database for sample data viewing and reporting. Ms. Delapp will also be responsible for the reference lab application of Pre-Methods 1313, 1314, 1315 and 1316. Drs. Kosson, Sanchez, Garrabrants, and van der Sloot will be available to consult with the EPA WAM and ARCADIS Inorganic Laboratory Manager regarding the evaluation of the interlaboratory comparative results for each of the proposed SW846 methods. Dr. Kosson, Dr. Garrabrants, Mr. Kariher (ARCADIS) and Dr. Stefanski (NCSU) will review the laboratory data packages.

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Ms. Rossane Delapp
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ARCADIS Project Manager, Johannes Lee: The ARCADIS Project Manager, Johannes Lee, has been assigned financial, contractual and managerial responsibilities for this work assignment. Mr. Lee will be responsible for communications with the EPA project officer, the oversight of financial status, and fulfilling contractual requirements.

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ARCADIS Safety Officer, Jerry Revis: The ARCADIS Safety Officer, Jerry Revis, has been assigned the safety supervisor responsibilities for this work assignment. Mr. Revis will be responsible for reviewing safety plans, performing periodic safety inspections, communicating with the EPA safety office, and oversight of safety operations.

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North Carolina State University (NCSU), Statistical Consultant, Dr. Leonard A Stefanski: Dr. Stefanski will provide statistical consultation on the planning and implementation of interlaboratory study to ensure validity of the collected data. He will also provide advice on the choice and application of statistical methods used to analyze the study data, and on the interpretation of results obtained from the statistical analyses. Dr. Stefanski will report to Mr. Wright, the EPA QA Representative. He will assist Dr. Kosson (Vanderbilt) and Mr. Kariher (ARCADIS) in reviewing the laboratory data packages.

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E-mail: stefanski@stat.ncsu.edu

3. Experimental Approach

This interlaboratory comparison will include a comparison of leaching test methods performance by a reference laboratory (either ARCADIS or Vanderbilt) and minimum of six participant laboratories (see Appendix A; nine participant laboratories are currently planned) based on testing of three different materials for each leaching test method to be evaluated. The goal of this study is to determine intra-laboratory and inter-laboratory reproducibility for the four test methods under development. Following is a list of key elements for regulatory methods development as specified in the SW-846 guidance document, and the applicability of each element for this study:

Element 1: Identification of Scope and Application and Regulatory Need

The methods being developed through this study are intended to provide improved leaching characterization of wastes and other materials for use and disposal under a range of field exposure conditions by considering the materials physical characteristics that effect water flow (e.g., granular or monolithic and thus controlling whether water flows through or around the material), and potential field conditions (i.e., pH, water contact mode, liquid-solid ratio). These methods are planned to be applicable for assessments where use of other leaching test methods are not statutorily required.

Element 2: QA/QC Requirements

QA/QC requirements for each method under development are indicated within each method description and are consistent with SW-846 requirements. QA/QC requirements for this study are indicated in this QAPP.

Element 3: Analytical Approach

This study is to evaluate leaching tests (e.g., aqueous extraction tests) that are operationally defined and intended to provide estimation of underlying physical and chemical phenomena controlling constituent release from a solid material to contacting water. Thus, the method of analysis selected for leaching test eluates (i.e., ICP-OES) was a method that was suitably efficient and sensitive for the purposes of this study (see Section 5.2.3). Additional characterization of materials to be tested is being carried out using other analytical techniques (see Section 5).

Element 4: Method/Instrument Sensitivity

Method/instrument sensitivity is based on the chemical analysis technique for leaching test eluates that is selected. This study uses previously standardized methods for chemical analysis.

Element 5: Method Optimization and Ruggedness Testing

An extensive study has been completed that provides an evaluation of related test methods development and optimization based on compilation and evaluation of results from international studies (van der Sloot, et al. 2010). This program is consistent with those findings.

Element 6: Accuracy, Precision and Repeatability (Clean Matrix)

Determination of accuracy is not possible for leaching tests because they are operationally defined and there is no absolute correct value that can be verified using an independent characterization technique. Precision and repeatability for a clean matrix is not possible because of the nature of the materials being evaluated. Instead, intra-laboratory and inter-laboratory repeatability and reproducibility is determined.

Element 7: Effect of Interferences

Method interferences for leaching test methods are either (i) difficulties in physical handling of materials and liquid-solid separation as part of the test method, or (ii) analytical interferences observed during chemical analysis of leaching test eluates. Physical handling and liquid-solid separation difficulties will be noted based on the experience of the participant and reference laboratories. Analytical interferences will be observed based on the analytical QA/QC program (See Section 5) but are not expected based on prior experience testing similar materials.

Element 8: Matrix Suitability

Not applicable.

Element 9: Quantitation and Detection Limits

Determination of quantitation and detection limits is not a goal of this study. Quantitiation and detection limits for the chemical analysis techniques to be used in this study are provided in Section 5.

Element 10: Laboratory Reproducibility

This element is the primary focus of this study and addressed as part of this QAPP.

Element 11: Document Submission and Workgroup Evaluation

Data reduction and evaluation is specified in this QAPP. The result will be separate detailed reports documenting results for each test method. An EPA methods workgroup has been formed for these methods following the SW-846 procedures. Mark Baldwin (EPA-OSWR) is the project's liaison with the SW-846 methods workgroup.

The experimental design addresses determining within and between laboratory reproducibility for a set of four leaching test methods. An unbalanced factorial design is being used with appropriate analysis of variance statistical techniques used for data evaluation (see Section 7). Each method will be challenged using three distinctly different materials (coal fly ash, blended Portland cement mortar that includes coal fly ash, metals contaminated soil), selected to reflect a broad range of material properties. Six analytes will be selected for each material to serve as the basis for evaluation. Each analyte will be selected to represent the range of leaching behavior (e.g., concentration as a function of pH and liquid-solid ratio) typically observed for the material being evaluated and be readily detected using a single analytical method (i.e., ICO-OES). Each method is being treated as a separate evaluation from the other methods. Each material evaluated will also be treated statistically as independent evaluations because of the wide range in leaching behavior of individual constituents from material to material (these variations can span several orders of magnitude). Within the statistical design for each method evaluated, the principal factor is testing laboratory (a minimum of 6 independent laboratories and a reference laboratory). The selection of a minimum of 6 independent laboratories is consistent with ASTM recommendations (ASTM, 1988). The reference laboratory and each independent laboratory will carry out the designated test method 6 times and 3 times, respectively, on each material to determine intra-laboratory reproducibility and inter-laboratory reproducibility based on intra-laboratory and inter-laboratory variance. Individual laboratory bias will be evaluated based on deviation from the mean values observed across all laboratories and the statistical significance of the deviation. Each analyte will be treated independently for statistical analysis purposes.

The following discussion is specific to a coal fly ash as an example of the approach that will be used for preparation and evaluation of all materials selected for the study. Coal fly ash from a single facility will be the first material used in this study.

3.1 Task I: Preparing Homogenized CCR

An energy facility, which participated with EPA in an earlier study, has agreed to provide twenty-five, 5-gallon buckets of raw ash for this interlaboratory validation study. The raw ash being supplied this time is from the same facility that was included in an EPA study focused on leaching characterization of a range of CCRs, thus providing extensive useful information on approximate testing results (EPA, 2009). ICP-OES was used to analyze these samples. A list of eight metals have been selected (As, Sb, Ba, B, Ca, Cr, Co,

Mo, Se, and V) as the focus of the intercomparison study, and their method detection limits (MDL) and quantitation or reporting limits (RL) are shown in Table 3-1. From the previous work, graphs have been generated showing the pH dependent concentration of each metal.

This section details how this CCR will be homogenized, split, and tested to ensure that each participating laboratory receives like samples for analysis.

Table 3-1. MDLs and RLs of the Metals to be Evaluated during the Validation Study

Metal	MDL (µg/L)	RL (µg/L)
As	11.0	35.0
Sb	8.00	25.4
Ba	1.00	3.18
B	1.00	3.18
Ca	2.6	8.3
Cr	1.00	3.18
Co	1.00	3.18
Mo	1.2	3.8
Se	15.0	47.7
V	1.5	4.8

A core sample will be taken from 12 of the 25 homogenized buckets and tested to establish homogeneity and to provide characterization data of the CCR. A summary of this testing is shown in Table 3-2. Detailed descriptions of each testing procedure are presented in Section 5. The initial homogeneity testing will be performed using the XRF analysis as the screening technique. Total mercury by thermal decomposition using the Lumex and total digestion methods will be used to further evaluate the CCR leaching reference material. Although further homogenization occurs for each method – as detailed below – this initial core sampling and characterization testing is used to verify that the starting material (which will be used for all validation testing) is indeed homogeneous. Previous results suggest that silicon, a major constituent of this fly ash, will differ by less than 1%. Other constituents can vary by up to 25%. Wider variation between core sample results would indicate that additional homogenization between buckets would be required before proceeding.

Table 3-2. Characterization Testing to Establish Homogeneity of the CCR

Method	Analytes	Number of Replicates
XRF / solids	Total metals content (%)	Single pellet of twelve core samples
Lumex / solids	Total mercury (Hg)	Triplicate analysis of each core sample
Method 3052 / liquids	Total metals	Four cores, selected randomly
Method 3051 / liquids	Total boron (B)	Four cores, selected randomly
Method 1313 / liquids	Leaching behavior by pH	Aliquots of the four, randomly selected cores
EC/OC* / solids	Elemental and organic carbon	Twelve cores, selected randomly

* Elemental carbon/organic carbon needed for accurate XRF calculations

The percent relative standard deviation (RSD) will be calculated with an RSD<10% for major constituents and RSD<20% for trace constituents considered sufficient homogeneity for use in the study.

Each of the proposed SW846 methods will be tested with this ash as the CCR. The detailed procedure for the further homogenization (to ensure that each laboratory is receiving the exact same material for each method being tested) and distribution for testing for each method is detailed below.

Method 1313: Approximately 40 kg (two 5-gallon pails) of material will be combined into a single mixing drum, mixed and then subdivided into approximately 1-kg (1 L) subsamples. Subdivision of the mixed batch into portions will be by coring or a similar method to ensure that potential stratification of the mixed batch does not bias the individual subsamples. The result of the homogenization will be approximately forty 1-L subsamples in 1-L wide mouth HDPE containers with screw top lids. Each participating laboratory will receive two randomly-selected 1-L subsamples for the purpose of carrying out 3 replicate Method 1313 tests on the designated material. Four randomly selected 1-L subsamples will be used to conduct 6 replicate Method 1313 tests by the referee laboratory (ARCADIS). The remaining unused subsamples will be archived. For Phase I testing, the designated material is a coal fly ash.

Method 1314: Approximately 60 kg (three 5-gallon pails) of material will be combined into a single mixing drum. Each batch will be mixed and then subdivided into approximately sixty 1-kg (1-L) subsamples. Subdivision of the mixed batch into subsamples will be by coring or similar method to insure that potential mixed batch stratification does not bias the individual subsamples. This homogenization process will result in approximately sixty 1-L subsamples in 1-L wide mouth HDPE containers with screw top lids. Each participating laboratory will receive four randomly-selected 1-L subsamples for the purpose of carrying out 3 replicate Method 1314 tests on the designated material. Eight randomly selected 1-L subsamples will be used to carry out 6 replicate Method 1314 tests by the referee laboratory (Vanderbilt). The remaining unused subsamples will be archived. For Phase I testing, the designated material is a coal fly ash.

Method 1315: Approximately 100 kg (five 5-gallon pails) of material will be combined to at most two batches to be blended in mixing drum. Each batch will be mixed and then subdivided into approximately one hundred

1-kg (1-L) subsamples. Subdivision of the mixed batch into subsamples will be by coring or similar method to insure that potential mixed batch stratification does not bias the individual subsamples. This procedure will result in approximately one hundred 1-L subsamples in 1-L wide mouth HDPE containers with screw top lids. Eight randomly selected 1-L subsamples will be provided to each participating laboratory for purpose of carrying out 3 replicate Method 1315 tests on the designated material. Sixteen randomly selected 1-L subsamples will be used to carry out 6 replicate Method 1315 tests by the referee laboratory (Vanderbilt). The remaining unused subsamples will be archived. For Phase I testing, the designated material is a coal fly ash.

Method 1316: Approximately 60 kg (three 5-gallon pails) of material will be combined into a single mixing drum. Each batch will be mixed and then subdivided into approximately one hundred 1-kg (1-L) subsamples. Subdivision of the mixed batch into subsamples will be by coring or similar method to insure that potential mixed batch stratification does not bias the individual subsamples. The homogenization process will result in approximately sixty 1-L subsamples in 1-L wide mouth HDPE containers with screw top lids. Four randomly selected 1-L subsamples will be provided to each participating laboratory for purpose of carrying out 3 replicate Method 1316 tests on the designated material. Eight randomly selected 1-L subsamples will be used to carry out 6 replicate Method 1316 tests by the referee laboratory (ARCADIS). The remaining unused subsamples will be archived. For Phase I testing, the designated material is a coal fly ash.

Overall Implications: Thirteen 5-gallon buckets of coal fly ash will be used; 260 1-L wide mouth HDPE jars are needed.

Use of Spiked Samples

Spiking of field generated samples with constituents of concern is generally not recommended because of the difficulty of achieving (i) uniform distribution of the constituent spike, and (ii) speciation of the spiked constituent within reference material that is representative of the speciation of the same constituent originally present. However, spiking of a laboratory-generated reference material (e.g., cement stabilized waste form) for specific constituents of interest is practical because the added spikes will be the primary source of the constituent of interest and uniform distribution can be achieved during the slurry mixing process used to create the sample material. Any spiked samples utilized in this study will be approved by the EPA WAM and fully documented in the project report.

3.2 Task II: Leaching of the CCR by Reference Laboratory and the Intercomparison Laboratories

ARCADIS, having extensive experience in these leaching methodologies as documented in earlier studies, will be responsible for producing the reference leaching data. Six of the cores (as described in Section 3.1 for the characterization testing) will be randomly selected as the replicates to be analyzed by the reference laboratory (ARCADIS or Vanderbilt) by the proposed SW846 method. These results will be compared to the

historical data available for this ash (as described in Section 3.1) to establish the reference results for the method being validated.

Each laboratory will be provided with the following:

1. An introductory letter reiterating the purpose of this study and the laboratory's participation

2. A copy of the SW846 method being validated

3. An amount of homogenized CCR which is adequate to conduct three test replicates

4. Method template spreadsheet

5. As recommended by ORCR, each lab will be asked to have their extractions performed by a single operator on a single instrument in a single batch to minimize variability inherent to the determinative method; all leaching test eluates will be analyzed by ICP-OES for selected constituents by Vanderbilt to minimize variability associated with the metals analysis step since the focus of this study is on the leaching test methods not chemical analysis.

The spreadsheet is very user-friendly and walks the participant through each step of the method and provides a standardized mechanism for data entry into a database for this study as well as comparing results of the materials tested in this study to results obtained from other studies. Appendix B contains a printout of the pages in the Method 1313 spreadsheet showing the instructions and each of the data entry sheets. Appendix C contains examples of the introductory letter, instruction sheet, questionnaires for Methods 1313 and 1316, chain-of-custody form, and a page of sample labels sent to each participating laboratory.

Each laboratory will be asked to perform the each of the four proposed methods in triplicate (e.g., 9 pH levels + 3 blanks per test = 36 leachates for Method 1313) within one month. The leachates are to be forwarded to Vanderbilt for analysis. In addition, they are to forward the completed data package to the EPA WAM and Vanderbilt, which will include:

- The completed electronic data report forms (provided as Microsoft® Excel spreadsheets)

- Photocopies or printouts of all raw data, laboratory notebook documentation, calculations, results and comments

- A completed questionnaire indicating any deviations from the prescribed method that were necessary, methodology clarifications needed or suggested, personnel time required to complete the method, and any other suggestions.

The tentative schedule for the interlaboratory validation of the method is shown in Table 3-3.

Table 3-3. Tentative Schedule for Interlaboratory Validation of Proposed SW-846 Methods

Milestone	Tentative Date
Receive ash from previously participating facility	Complete in 2010
Initial characterization and baseline testing	Completed in 2010
Lab's receive material for testing	Completed in 2010 and 2011
Labs send leachates to Vanderbilt for analysis	November 2011
Vanderbilt provides results to EPA	December 2011
Provide final reports for the methods testing	January 2012

3.3 Task III: Determination of the Reproducibility of Each Method

Following receipt of the completed data packages from each participating laboratory and the results of the leachate analyses from Vanderbilt, statistical determination of the reproducibility (variability between laboratories) and repeatability (single-operator precision) of each method will be determined. Leach testing results and feedback will be compiled with like data from other laboratories performing the same method, and will be submitted as part of a supportive data package for EPA ORCR method approval.

3.4 Task IV: Testing of Select Materials for Leaching by SW-846 Methods 1311 (TCLP) and 1312 (SPLP)

Testing of some selected CCRs and the materials from the interlaboratory methods validation study will be performed by ARCADIS using SW-846 Methods 1311 "Toxicity Characteristic Leaching Procedure (TCLP)" and 1312 "Synthetic Precipitation Leaching Procedure (SPLP)" for comparison with the proposed new SW-846 methods. Leachate will be sent to Vanderbilt for analysis by ICP-OES. Results from these experiments will be used to show the comparability of leaching behavior between these tests and the proposed new SW-846 methods. TCLP uses a glacial acetic acid and sodium hydroxide buffer solution with a pH of 4.93 ± 0.05 (Extraction Fluid #1) at a 20 to 1 solid to liquid ratio. SPLP uses a weak sulfuric and nitric acid solution with a pH of 4.2 ± 0.05 (Extraction Fluid #1) at a 20 to 1 liquid to solid ratio to simulate leaching for samples east of the Mississippi river. Samples will be tumbled for 18 hours and filtered to remove the solids. The extract will be preserved with 1% nitric acid and analyzed by Vanderbilt University using ICP-OES. Table 3-4 lists the samples currently selected for TCLP and SPLP testing.

Table 3-4. Sample Testing List for TCLP and SPLP

Sample Name	Sample Type
CaFA	Fly Ash
EaFA	Fly Ash
KFA	Fly Ash
UFA	Fly Ash
ZFA	Fly Ash
YSD	Spray Dryer Ash
MAD	FGD + Fly Ash Mix
DGD	Scrubber Sludge
CKD	Scrubber Sludge
SWA	Solid Waste Analog
CFS	Contaminated Field Soil
JaFS	Brass Foundry Sands
CKD	Cement Kiln Dust

3.5 Task V: Testing of Fly Ashes and Cement Kiln Dust for Radionuclide Testing by Germanium Detector

Vanderbilt will perform radionuclide testing on 35 fly ash samples and 1 cement kiln dust sample to determine uranium species and concentrations by the measurement of Beta and Gamma decay particles using a Germanium (Ge) detector made by ???.

4. Sampling Procedures

The following subsections describe the sampling procedures to be used for each task. Whenever possible, standard methods will be followed. In some cases, draft methods may be evaluated and implemented. Each method to be used will be cited and any deviations from the methods will be documented.

4.1 Sample Custody Procedures

The detailed procedures for preparing and distributing the homogenized CCR were presented in Section 3.1. The following types of samples will be generated during these tests:

1. Solid samples for leaching and radionuclide testing: fly ash, solid waste analog, contaminated field soil, brass foundry sands, scrubber sludge, and cement kiln dust

2. Post –leaching and post-thermal desorption of the CCR (solid samples)

3. Leachate samples (liquid samples) for Hg and other metals analysis

Each sample generated will be analyzed in-house or by outside laboratories. Chain-of-custody (COC) procedures will be required, which will include signing and dating of COCs to indicate receipt of samples, and archived of all COCs with other project documentation. CCRs will be logged as they are received by the ARCADIS WAL, Mr. Peter Kariher. Information regarding where each CCR originated and any other descriptive information available will be recorded in a dedicated laboratory notebook by Mr. Kariher. A core sample will be taken from each 5-gallon bucket of homogenized material and processed for physical and chemical characterization (see Section 3.1). All samples will be properly contained and identified with a unique sample ID and sample label. Chain-of-custody forms will be generated for all samples prior to transfer for analysis.

The sample labeling convention used to identify a particular solution consists of numerical identifiers for the material, lab, test method, and test position along with an alphabetical identifier for the test replicate. The layout for the sample label convention is as follows:

M*aa*-**L***bb*-**131***c*-**T***dd*-*e* (Test Positions T01 through T09)

M*aa*-**L***bb*-**131***c*-**B***dd*-*e* (QA/QC Blanks B01-B03)

"aa" is a two-digit number starting at zero that identifies the test material (e.g., the Phase I material is M01),

"bb" is a two-digit number starting at zero that identifies the participating laboratory (assigned randomly by EPA-ORCR),

"c" is a single digit number that completes the test method ID (i.e., 1313, 1314, 1315, 1316, TCLP, or SPLP),

"dd" is a two-digit number starting at zero that identifies the test position or QA/QC blank.

"e" is a single letter representing the test replicate (i.e., A, B or C).

Four sets of completed labels were provided to be used for labeling extraction vessels (for the tree replicates and a fourth set for replacements as needed) and two sets of 50-mL analytical samples.

For example. **M01-L02-1313-B02-C** would represent Phase I material being validated by the laboratory randomly identified as "02". The sample is from Method 1313, is blank 02, and replicate C.

Handling of CCR samples for the leaching tests (Task III) is described in detail in each of the proposed SW846 methods. These methods can be found on the Vanderbilt University website at http://www.vanderbilt.edu/leaching/downloads.html.

4.2 CCR, and Leaching Reference Material Samples

As mentioned, the objective of this validation study is to obtain information on the reproducibility of the preliminary versions of EPA methods for leaching Al, Sb, Ba, B, Cr, Co, Mg, and Zn from CCRs. The facility descriptions will include information on the history/origin of each method validation sample, facility process description, sample type, sampling location, sampling time and method, coal type, operating condition, and sample storage condition. Section 4.1 describes the sampling custody procedure.

4.2.1 Physical and Chemical Characterization Samples

A core sample will be taken from twelve of the 5-gallon buckets of the homogenized method validation material (as described in Section 3.1) and subjected to physical characterization measurements. These 12 core samples will be mixed together using a riffle splitter prior to XRF pellet preparation and analysis. To ensure a good homogeneity of the final composite sample that will be used for the XRF characterization, the first two composite samples exiting the splitter will be reintroduced at the top of the splitter. This procedure will be repeated at least 6 times. At the end, the two resulting homogeneous composite samples will be combined in the same sample container and stored until XRF testing. Method 3052 samples will also be performed on each of the method validation materials to determine variability for trace elements.

4.2.2 Leaching Study Samples

Method validation materials used for leaching studies will not require size reduction to acquire an adequate sample for testing due to the small particle size inherent in fly ash. The size reduction method is outlined in the leaching test methods (http://www.vanderbilt.edu/leaching/downloads.html). If the method validation materials are altered in any way prior to leaching studies, a representative sample will be submitted for physical and chemical characterization.

4.3 Leachate Collection

Each of the proposed SW-846 test methods will be used to conduct a leaching study. The proposed methods can be found on the Vanderbilt University website at http://www.vanderbilt.edu/leaching/downloads.html. Table 4-1 shows the extraction schedule and the range of tested pHs as outlined in the first study to be conducted on the *Preliminary Version of EPA Method 1313: Liquid-Solid Partitioning as a Function of Extract pH for Constituents in Solid Materials using a Parallel Batch Extraction Procedure*.

Table 4-1. Final Extract pH Targets for Method 1313

pH Target	Rationale
Will Vary*	Natural pH at LS 10 mL/g-dry (no acid/base addition)
2.0±0.5	Provides estimates of total or available COPC content
4.0±0.5	Lower pH limit of typical management scenario
5.5±0.5	Typical lower range of industrial waste landfills
7.0±0.5	Neutral pH region; high release of oxyanions
8.0±0.5	Endpoint pH of carbonated alkaline materials
9.0±0.5	Minimum of LSP curve for many cationic and amphoteric COPCs
12.0±0.5	Maximum in alkaline range for LSP curves of amphoteric COPCs
13.0±0.5	Upper bound (field conditions) for amphoteric COPCs
10.5±0.5	Substitution if natural pH falls within range of a mandatory target

*This is the pH of the material as received with only deionized water added (i.e., no acid or base addition).

Table 4-2 shows an example schedule for the extraction setup to be conducted on the *Preliminary Version of EPA Method 1316: Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio for Constituents in Solid Materials using a Parallel Batch Extraction Procedure*.

Table 4-2. Example Schedule for Method 1316 Extraction Setup

A	B	C	D	E	F	G
Test Position	**Target LS**	**Minimum Dry Mass (g-dry)**	**Mass of "As-Tested" Sample (g)**	**Moisture in "As-Tested" Sample (mL)**	**Volume of Reagent Water (mL)**	**Recommended Bottle Size (mL)**
T01	10.0	20	22.2	2.2	198	250
T02	5.0	40	44.4	4.4	196	250
T03	2.0	100	111	11.1	189	500
T04	1.0	200	222	22.2	178	500
T05	0.5	400	444	44.4	156	1000
B01	QC	–			200	250
Total		–	844		1120	

NOTE: 1) This schedule assumes a target liquid volume of 200 mL.
2) This schedule is based on “as tested” solids content of 0.90 g-dry/g.
3) Test position marked B01 is a method blank of reagent water.

To demonstrate the versatility and robustness of the proposed new leach test methods, various solid materials other than CCRs were chosen for testing. Table 4-3 shows the proposed test methods and each of the materials to be tested. Table 4-4 gives a brief description of the various solid materials to be tested.

Table 4-3. Materials to be used with the Proposed New Leach Tests

Method	Materials
1313	Fly Ash (EaFA), CFS (Contaminated Field Soil), and SWA (Solid Waste Analog)
1314	CFS (Contaminated Field Soil) and JaFS (Brass Foundry Sands)
1315	SWA (Solid Waste Analog) and CFS (Contaminated Field Soil)
1316	Fly Ash (EaFA), CFS (Contaminated Field Soil), and SWA (Solid Waste Analog)

Table 4-3. Description of Materials for the Proposed New Leach Testing

Material	Description
EaFA	Fly ash from a 2.4 G Watt power plant burning eastern-bituminous coal
CFS	Contaminated field soil collected from an active copper and lead smelting site
SWA	Solid waste analog material containing Type I portland cement, class C coal combustion fly ash, and ground granulated blast furnace slag) and wastewater at a water/binder ratio of 0.41 (m/g). The wastewater used was tap water spiked with powdered metal oxides or metal nitrates of antimony, arsenic, barium, chromium, lead and selenium. This combined material was used to produce both solid monoliths and ground for 2-mm power
1316	Fly Ash (EaFA), CFS (Contaminated Field Soil), and SWA (Solid Waste Analog)
1316	Fly Ash (EaFA), CFS (Contaminated Field Soil), and SWA (Solid Waste Analog)

5. Testing and Measurement Protocols to be Used for Reference Material Characterization and Eluate Characterization

As part of the initial characterization of the raw fly ash CCR, ARCADIS will conduct physical and chemical characterization analyses. In addition, total metals will be analyzed by Test America, and the metals in the leaching extracts will be analyzed by Vanderbilt University. Whenever possible, standard methods will be used to perform required measurements. Standard methods are cited in each applicable section. Where standard methods are not available, operating procedures will be written to describe activities. In situations where method development is ongoing, activities and method changes will be thoroughly documented in dedicated laboratory notebooks.

5.1 Physical Characterization

5.1.1 pH and Conductivity

pH and conductivity will be measured on all aqueous extracts by the laboratory (reference and participant laboratories) carrying out the leaching test method.. Conductivity is a measure of the ability of an aqueous solution to carry an electric current. This ability is dependent upon the presence of ions; on their total concentration, mobility, and variance; and on the temperature of the measurement.

pH of the leachates will be measured by using a combined pH electrode. A 3-point calibration will be done using National Institute of Science and Technology (NIST) traceable pH buffer solutions. The pH meter will be accurate and reproducible to 0.1 pH units with a range of 0 to 14.

Conductivity of the leachates will be measured using a standard conductivity probe. The conductivity probe will be calibrated using appropriate standard conductivity solutions for the conductivity range of concern. Conductivity meters are typically accurate to ±1% and have a precision of ±1%. The procedure to measure pH and conductivity will be as follows:

Following a gross separation of the solid and liquid phases by centrifugation or settling, a minimum volume of the supernatant to measure the solution pH and conductivity will be taken and poured in a test tube. The remaining liquid will be separated by pressure filtration and filtrates will be appropriately labeled, preserved, and stored for subsequent chemical analysis.

5.1.2 Moisture Content and Loss on Ignition (LOI)

Moisture content of the raw fly ash CCR will be determined using ASTM D 2216-05 (ASTM 2005) by ARCADIS. This method, however, is not applicable to the materials containing gypsum (calcium sulfate dihydrate or other compounds having significant amounts of hydrated water), since this material slowly

dehydrates at the standard drying temperature (110°C). This slow dehydration results in the formation of another compound (calcium sulfate hemihydrate) which is not normally present in natural material. The ASTM method allows cooling at 60 °C to prevent the conversion and will be used to determine the moisture content of materials containing gypsum.

Loss on ignition (LOI) will be performed on the raw fly ash CCR by placing dried samples in a furnace at 750 °C for 1 hour and measuring the mass lost during the combustion using ASTM D7348-08 (ASTM 2008).

5.2 Chemical Characterization

5.2.1 Dissolved Organic Carbon / Dissolved Inorganic Carbon (DOC/DIC) and Elemental Carbon / Organic Carbon (EC/OC)

Analyses of total dissolved organic carbon (DOC) and dissolved inorganic carbon (DIC) will be performed on the leachates as part of the baseline characterization by Vanderbilt University on a Shimadzu model TOC-V CPH/CPN combustion catalytic oxidation NDIR analyzer. Five-point calibration curves, for both inorganic (IC) and non-purgeable organic carbon (NPOC) analyses, are generated for an analytical range between 5 ppm and 100 ppm and are accepted with a correlation coefficient of at least 0.995. Reagent grade potassium hydrogen phthalate is used as the NPOC standard and sodium hydrogen carbonate is used as the IC standard. An analytical blank and check standard at approximately 10 ppm are run every 10 samples. The standard is required to be within 15% of the specified value. A new calibration curve is generated if the check standard measurement does not meet specification. A volume of approximately 16 mL of undiluted sample is loaded for analysis. Inorganic carbon analysis is performed first for the analytical blank and standard and then the samples. Total carbon (non-purgeable organic carbon) analysis follows with addition of 2M hydrochloric acid to a pH of 2 and a sparge gas flow rate of 50 mL/min. Method detection limit (MDL) and minimum level of quantification (MLQ) are shown in Table 5-1.

Table 5-1. MDL and MLQ of Total Organic Carbon Analyzer

	MDL (ppm)	MLQ (ppm)
IC	0.07	0.20
NPOC	0.09	0.20

Elemental carbon (EC) and organic carbon (OC) will be determined on the solids by ARCADIS using a Sunset Laboratory Carbon Aerosol Analysis Lab Instrument in EPA RTP Laboratory E-581A. This method is defined in NIOSH Method 5040 (CDC 2003). This equipment uses a furnace to heat the sample and combust the carbon to carbon dioxide. The carbon dioxide is reduced to methane and a FID is used to quantify the carbon emitted as the sample is heated from ambient to 870 °C over four heating steps.

Samples are prepared by weighing 3 grams of the CCR into a 500 mL Nalgene high-density polyethylene bottle. A 37 mm tarred pre-baked quartz filter is loaded into a 2.5 µm particulate sampler and attached to the bottle. The particulate sampler is connected to a vacuum source and a rotometer to control the flow at 4 liters per minute. The CCR material is aspirated onto the quartz filter for 5 minutes and the filter is reweighed to determine the mass loading. Duplicate filters are prepared for each material. Three analyses are performed on each filter. Blank filters are provided to determine background levels.

5.2.2 Mercury by Thermal Decomposition and Cold Vapor Atomic Adsorption (TD-CVAA) Method 7473

As part of the baseline characterization, mercury analysis of the solid materials will be carried out by ARCADIS using a thermal decomposition cold vapor atomic adsorption (TC/CVAA) according the EPA SW-846 Method 7473 (EPA 1998).

The Lumex RA-915+ Mercury Analyzer is a portable instrument capable of measuring mercury concentrations in air, liquids, and solids. Developed for use by the Russian Navy to detect elemental mercury leaks on submarines (mercury is used as ballast), the analyzer is capable of measuring 1 ng/m3. The instrument contains an internal sample pump, multi-pass optical cell and Zeeman Effect atomic adsorption detector tuned to a wavelength of 253.7 nm for the detection of mercury. The Zeeman effect atomic adsorption (AA) detector modulates the frequency of the source to eliminate matrix effects from air samples and enhance the detector sensitivity for mercury. An optional RP-91C high temperature (>750 °C) furnace can be used to convert any mercury species to elemental mercury for post combustion detection of total mercury in the solids. Since the detector can only measure elemental mercury directly, this technique is based on the thermal decomposition properties of mercury, as only elemental mercury can exist at these high temperatures. Under high temperatures, any oxidized mercury compounds are converted to elemental mercury.

To perform a mercury analysis on a solid sample, the solid of known mass is weighed into a quartz or stainless steel combustion boat. The combustion boat is then inserted into the furnace combustion chamber and as the elemental mercury is evolved from the sample, the detector measures the mass of mercury. The mass of mercury is directly proportional to the area under the peak, similar to the quantitation principle used in gas chromatography. By dividing the mass of mercury by the mass of sample introduced to the instrument, a mercury concentration can be derived. For wet samples, a moisture measurement of the solid must be determined to correct the mercury content to a dry basis.

5.2.3 Other Metals (ICP)

Test America Laboratories in Savannah, GA, will analyze a sample of the raw fly ash for the metal species total content using an Agilent ICP-MS with octopole reaction system (ORS). Vanderbilt University

(Department of Civil and Environmental Engineering) will analyze the metals content of the leachates using a Varian inductively couple plasma optical emission spectroscopy (ICP-OES).

Test America will conduct their total metal analyzes on an ICP-MS using EPA SW-846 Method 6020A (EPA 2007d). Metals and estimated instrument detection limits are listed in the method. The ICP will be profiled and calibrated for the target compounds and specific instrument detection limits will be determined. Mixed calibration standards will be prepared at least 5 levels. Each target compound will also be analyzed separately to determine possible spectral interference or the presence of impurities. Two types of blanks will be run with each batch of samples. A calibration blank is used to establish the analytical curve and the method blank is used to identify possible contamination from varying amounts of the acids used in the sample processing. Additional daily QC checks include an Initial Calibration Verification (ICV) and a Continuing Calibration Verification (CCV). The ICV is prepared by combining target elements from a standard source different than that of the calibration standard and at a concentration within the linear working range of the instrument. The CCV is prepared in the same acid matrix using the same standards used for calibration at a concentration near the mid-point of the calibration curve. A calibration blank and a CCV or ICV are analyzed after every tenth sample and at the end of each batch of samples. The CCV and ICV results must verify that the instrument is within 10% of the initial calibration with an RSD < 5% from replicate integrations. Procedures to incorporate the analysis of a MS/MSD for these CCR samples will be evaluated.

Vanderbilt University (Department of Civil and Environmental Engineering) will also conduct ICP-MS analyses on the reference laboratory leaching test eluates. This will provide a statistical assessment of precision for constituents that are not analyzed for in eluates by the participant laboratories. This will provide precision (intralaboratory, by ICP-MS and ICP-OES) for all elements of concern and reproducibility (interlaboratory, by ICP-OES) for a representative set of constituents. Inferences may be possible concerning the interlaboratory reproducibility for other elements, depending on the relative contributions to variance, between intralaboratory and interlaboratory effects.

A Perkin Elmer model ELAN DRC II will be used in both standard and dynamic reaction chamber (DRC) modes. Standard analysis mode will be used for all analytes except for As and Se, which will be run in DRC mode with 0.5 mL/min of oxygen as the reaction gas. Seven-point standard curves will be used for an analytical range between approximately 0.5 µg/L and 500 µg/L and completed before each analysis. Analytical blanks and analytical check standards at approximately 50 µg/L will be run every 10 to 20 samples and are required to be within 15% of the specified value. Samples for analysis will be diluted gravimetrically to within the targeted analytical range using 1% v/v Optima grade nitric acid (Fisher Scientific). Initially, analyses for 10:1 dilutions will be performed to minimize total dissolved loading to the instrument. Additional dilutions at 100:1 and 1000:1 will be analyzed if the calibration range is exceeded with the 10:1 dilution. 50 µL of a 10 mg/L internal standard consisting of indium (In) (for mass range below 150) and bismuth (Bi) (for mass range over 150) will be added to 10 mL of sample aliquot prior to analysis.

Analytical matrix spikes will be completed for one of each of the replicate eluates from Method 1313. For each analytical matrix spike, a volume between 10 µL and 100 µL of a 10 mg/L standard solution will be added to 10 mL of sample aliquot.

ICP-OES Analyses

ICP-OES analyses of aqueous samples from laboratory leaching tests will be carried out at Vanderbilt University (Department of Civil and Environmental Engineering) using a Varian ICP Model 720-ES. Five-point standard curves will be used for an analytical range between approximately 0.1 mg/L and 25 mg/L for trace metals. Seven-point standard curves will be used for an analytical range between approximately 0.1 mg/L and 500 mg/L for minerals. Analytical blanks and analytical check standards at approximately 0.5 mg/L will be run every 10 to 20 samples and are required to be within 15% of the specified value. Initially, analyses will be performed on undiluted samples to minimize total dissolved loading to the instrument. Samples for analysis will be diluted gravimetrically to within the targeted analytical range using 1% v/v Optima grade nitric acid (Fisher Scientific) if the maximum calibration is exceeded. Yttrium at 10 mg/L will be used as the internal standard. Analytical matrix spikes will be completed for three test positions from one of the replicate eluates from Method 1313. For each analytical matrix spike, a volume of 500 µL of a 10 mg/L standard solution will be added to 5 mL of sample aliquot.

Table 5-2 provides the element analyzed, method detection limit (MDL), and minimum level of quantification (ML). Analyte concentrations measured that are less than the ML and greater than the MDL are reported as estimated value using the instrument response.

Table 5-2. Method Detection Limits (MDLs) and Minimum Level of Quantification (ML) for ICP-OES Analysis on Liquid Samples*

Symbol	Units	MDL	ML
Al	µg/L	1.00	3.18
Sb	µg/L	8.00	25.4
As	µg/L	15.0	47.7
Ba	µg/L	1.00	3.18
Be	µg/L	5.00	15.9
B	µg/L	1.00	3.18
Cd	µg/L	6.00	19.1
Ca	µg/L	3.50	11.1
Cr	µg/L	1.00	3.18
Co	µg/L	1.00	3.18
Cu	µg/L	4.1	13.0
Fe	µg/L	2.90	9.22
Pb	µg/L	7.00	22.3
Li	µg/L	6.00	19.1
Mg	µg/L	1.00	3.18
Mn	µg/L	3.60	11.4
Mo	µg/L	1.00	3.18
Ni	µg/L	2.20	7.00
K	µg/L	1.50	4.77
P	µg/L	6.2	19.7
Se	µg/L	17.0	54.1
Si	µg/L	2.80	8.90
Ag	µg/L	18.00	57.2
Na	µg/L	3.50	11.1
Sr	µg/L	1.00	3.18
S	µg/L	8.30	26.4
Tl	µg/L	5.00	15.9
Sn	µg/L	17.0	54.1
Ti	µg/L	6.40	20.3
V	µg/L	1.30	4.13
Zn	µg/L	2.50	7.95
Zr	µg/L	2.70	8.59

* All elements indicated in Table 5.2 will be analyzed, however, only elements indicated in bold are reported as part of the leaching studies.

5.2.4 X-Ray Fluorescence (XRF)

X-Ray Fluorescence Spectrometry is used in the USEPA RTP, NC laboratories to analyze a sample of the raw fly ash for the determination of total content for the major elements. A Philips model PW 2404 wavelength dispersive instrument, equipped with a PW 2540 VRC sample changer, is used for these analyses. The manufacturer's software suite, "SuperQ", is used to operate the instrument, collect the data, and perform quantification.

The instrument was calibrated using a manufacturer-supplied set of calibration standards at the time of installation of the software plus a new X-ray tube. On a monthly basis, manufacturer-supplied drift correction standards are used to create an updated drift correction factor for each potential analytical line. On a monthly basis, a dedicated suite of QC samples are analyzed before and after the drift correction procedure. This data is used to update and maintain the instrument's QC charts. The SOP for this QC procedure (SOP No. 5003.3; "Procedure for the Philips PW 2404 XRF Monthly Drift Correction, Quality Control Stability Check, QC Chart Update, and Database Backup.") is maintained in a 3-ring binder located at the control module for the spectrometer, along with all other operational SOPs. Any deviations from these QC parameters will be documented to the EPA WAM.

The software suite's "Measure and Analyze" program collects and stores the sample data. This program has two basic modes of operation, "scan" and "channels". The scan mode is used to collect the bulk of the data. It operates in a stepwise scanning mode and uses the manufacturer supplied "IQ+" program to define operating parameters. IQ+ scans the available wavelength range using a series of 10 sub-scans that vary in terms of detector, radiant power, collimator crystal, and wavelength. While the instrument incorporates a sample rotation capability, this is not used by IQ+ since the time spent at any one wavelength is only a fraction of the pellet rotation time.

The channel mode is typically reserved for trace work. In this mode, the instrument moves to a specific wavelength and goniometer position and collects data for defined periods of time. These data collection periods are typically long enough to make use of the sample rotation function worth while. Other instrument operation parameters, such as tube power and crystal, are taken from the scan function parameters. The data collected in the channel mode is then incorporated into the sample's data file. The intent is to improve detection limits for certain trace elements that are often of interest at a small cost in analytical time.

Quantification is performed post-data collection using the program, "IQ+". IQ+ is a "first principles" quantification program that includes complex calculations to account for a wide variety of sample-specific parameters. For this reason, sample-specific calibrations are not necessary. This program calculates both peak heights and baseline values. The difference is then used, after adjustment by drift correction factors, for elemental quantification versus the calibration data. Interelement effects are possible and the software includes a library of such parameters. Data from secondary lines may be used for quantification where

interelement effects are significant or the primary peak is overloading the DAQ. Where the difference between the calculated peak height and baseline are of low quality, the program will not identify a peak and will not report results. IQ+ permits the inclusion of data from other sources by manual entry. Carbon is an example of this for these samples. Entry of other source data for elements indeterminable by XRF improves the mass balance.

5.2.5 XRF Detection Limits

Table 5-3 presents detection limit data in two forms, which are not mutually exclusive. The reporting limit is built into the software and reflects the manufacturer's willingness to report low-level data. Data listed under "detection limit" are based upon the short-term reproducibility of replicate analyses and are sample matrix specific. These calculations are likely to report higher detection limits for macro elements than what would be calculated where the same element is present at trace levels. In this data set, calcium is a likely example of this.

Table 5-3. XRF Reporting and Detection Limits

Analyte	Reporting Limit, µg/g	Detection Limit %, 2σ (wt. %)
Al	20	0.016
As	20	0.038
Ba	20	0.0084
Br	20	0.02
Ca	20	0.1
Cd	20	0.064
Ce	20	0.022
Cl	20	0.0046
Co	20	0.0024
Cr	20	0.0028
Cu	20	0.0014
F	20	0.082
Fe	20	0.034
Ga	20	0.0016
Ge	20	0.0014
K	20	0.0048
La	20	0.0054
Mg	20	0.01
Mn	20	0.0032
Mo	20	0.0026
Na	20	0.0076
Nb	20	0.0018
Ni	20	0.0048
Pb	20	0.0034
Px	20	0.004
Rb	20	0.0016
Sc	20	0.0016
Se	20	0.0018
Si	20	0.092
Sr	20	0.0016
Sx	20	0.05
Ti	20	0.003
V	20	0.0038
W	20	0.0036
Y	20	0.0018
Zn	20	0.0014
Zr	20	0.0024

5.2.6 Radionuclide Testing of CCRs using Ge-Detector

Fly ash, gypsum, and other CCRs were collected and assessed to determine their specific activity [Bq/kg]. Samples were taken from a variety of different sources to compare trends in radioactivity, such as that of bituminous and sub-bituminous CCRs. Samples will be analyzed using two High Purity Germanium (HPGe) photon detector with low energy detection capabilities, in a common geometry.

Detector 1: Ortec model GMX35P4 high purity germanium coaxial detector, 55.6 mm diameter, 79 mm length, 0.5 mm beryllium window, rated resolution 2.1 keV at 1332 keV, 31.5% relative efficiency at 1332 keV, GammaVision version 6.01 analytical software, 2003.

Detector 2: Canberra model BE3830 high purity germanium coaxial detector, 70 mm diameter, 30 mm length, 0.6 mm beryllium window, rated resolution 1.6 keV at 1332 keV, 27.9% relative efficiency at 1332 keV, Genie 2000 version 32.1 analytical software, 2009.

Project samples of fly ash and other coal combustion residues are received as dry materials and will be placed in plastic vials of approximately 250 ml and sealed to allow ingrowth of radon gas into equilibrium with its parent nuclide, as peaks from the radon progeny are key to identification of the parent nuclide. Sample containers are placed on the coaxial germanium photon detector systems and counted with shields closed. Traceable calibration standards in the same geometry had previously been counted on these systems to establish system calibrations. Samples are counted for times determined to be adequate to attain reasonable Minimum Detectable Activity (MDA) levels, 8 hours for fly ash and 12 hours for other residues. Results are given as values of activity per unit mass of sample, with associated uncertainties and MDA values. As MDAs are derived by pre-established regions on the gamma spectroscopy spectra which varies sample by sample, MDAs for a given nuclide on a particular system are slightly different for each sample but are generally consistent on a given detector for a stated geometry and count time. Fly ash samples are counted for 8 hrs, while all other samples are counted for 12 hr periods. The background characteristics of a number of photopeaks essential to the detection of U-238 and Th-232 decay series were determined over several weeks, and MDA levels were determined for each of the relevant regions.

The following photopeaks are used to determine activity in the U-238 decay series:

186 keV (Ra-226)
295 keV (Pb-214)
352 keV (Pb-214)
609 keV (Bi-214)
1754 keV (Bi-214)

The following photopeaks are used to determine activity in the Th-232 decay series:

583 keV (Tl-208)

911 keV (Ac-228)

Other photopeaks are evaluated regularly as naturally occurring peaks:

511 keV (various)
662 keV (Cs-137)
1460 keV (K-40)

6. Quality Assurance/Quality Control

6.1 Data Quality Indicator Goals

Data quality indicator (DQI) goals for critical measurements in terms of accuracy, precision and completeness are shown in Table 6-1. In addition, critical data quality indicator goals are inclusion of at least 6 independent laboratories in addition to the referee laboratory and 3 materials for each leaching test method evaluated.

These goals are based on past performance and will be assessed as the project is completed. Any deviations from these stated DQIs will be documented to the EPA WAM.

Table 6-1. Data Quality Indicator Goals

Measurement	Method	Accuracy	Precision	Completeness
ICP-OES constituents (e.g., As, B, Ba, Ca, Co, Cr, Mo, Sb, Se, V) Concentration	ICP-OES	±10%	±10%	>90%
pH, conductivity	Electrode	±2%	±2%	100%
Moisture	ASTM D2216-05	NA	±10%	100%
Hg	7470	±10%	±10%	90%
XRF	SOP No. 5003.3	±2%	±10%	100%
ICP/MS	6020	±10%	±10%	90%

NA = not applicable.

For the ICP-OES, accuracy is assessed using calibration verifications and laboratory control samples. Precision is assessed by replicate measurements. For the pH measurements, a standard of known pH will be checked prior to taking sample measurements. Precision is assessed by replicate measurements. There is not a standard reference material for moisture accuracy. Precision will again be assessed by replicate measurements.

In addition to the DQI goals shown in Table 6-1, homogeneity of the reference material will be considered acceptable if the following criteria are met by XRF. Major constituents are elements found at concentrations of more than 1%.

- RSD<10% for major constituents (greater than 1% total content)
- RSD<20% for minor constituents (greater than 0.1 to 1% total content)

- RSD<50% for trace constituents (less than 0.1 % total content.

Accuracy will be determined by calculating the percent bias from a known standard. Precision will be calculated as relative percent difference (RPD) between duplicate values and relative standard deviation (RSD) for parameters that have more than two replicates. Completeness is defined as the percentage of measurements that meet DQI goals of the total number measurements taken.

6.2 QC Sample Types

Types of QC samples used in this project will include blanks, spiked samples, replicates, and mass balance tests on the leaching reference material. For physical characterization testing, duplicate samples of the CCR, leaching reference material will be processed through each analysis. The initial criteria will be determined on the screening data (the six replicates conducted by the ARCADIS referee laboratory) through a statistical review. This is done by looking at the leaching curves and bounding the data by the 5^{th} and 95^{th} percentiles as predicted by linear interpolations. The individual criteria will be determined by OCRC, ORD, Vanderbilt, and ARCADIS when they conduct this same statistical review on the data collected by each laboratory.. As recommended by ORCR, each lab will be asked to have their extractions performed by a single operator on a single instrument in a single batch to minimize variability inherent to the determinative method; all leaching test eluates will be analyzed by ICP-OES for selected constituents by Vanderbilt to minimize variability associated with the metals analysis step since the focus of this study is on the leaching test methods not chemical analysis.

The EPA Metrology laboratory completes periodic and requested calibrations as described in SOPs and standard methods for equipment such as balances.

7. Data Reduction, Validation, and Reporting

7.1 Data Analysis

Interlaboratory comparisons of each method and material will be based on sets of analytes that are (i) representative of the range of characteristic behaviors anticipated for the material being tested and the test method being evaluated, and (ii) either analyzed as part of the laboratory procedure (e.g., pH) or analyzed as part of a single ICP-OES analytical method. Thus, it is anticipated that although some analytes will be common amongst different test materials being used in the interlaboratory comparisons, the complete set of analytes will likely be different for each test material because of different characteristic behaviors (e.g., as a function of pH and LS) and leaching concentrations relative to analytical detection limits. At least 6 analytes will be used as the basis for evaluation for each test material with priority given to analytes that are of regulatory interest and those that are major constituents of each test material. An initial set of analytes for each test material will be selected based on prior knowledge of the type of each test material selected (e.g., coal fly ash, cement stabilized waste, blast furnace slag). The final set of analytes for each test material will be selected based on the test method results obtained by the referee laboratory with the concurrence of the project team, including the EPA QA Representative, and prior to beginning analysis of samples from the participant laboratories.

The basis of the interlaboratory comparisons will be the dependent variables that are intended to be the information derived from each test procedure using the set of constituents selected for the test material being tested. The set of dependent variables for each test method are specified in the sub-sections that follow. The variance of the following additional analytes will be evaluated as reported by the referee laboratory and each participant laboratory to provide insights into material variability and methods implementation: moisture content, eluate pH, eluate conductivity.

Method 1313

The primary information to be derived from this test method is (i) the pH dependent leaching behavior of constituents of interest, and (ii) the pH titration curve of the material. The dependent variables that will serve as the basis for evaluation will be (i) material natural pH (as defined in the test method), (ii) eluate analyte concentration as determined for the method target pH values (i.e., 2.0, 4.0, 5.5, 7.0, 8.0, 9.0, 12.0, 13.0, natural pH, 10.5), and (iii) equivalents of acid or base required to be added to achieve the method target pH values (i.e., the pH titration curve). Variation in the actual pH about the target pH value of each eluate but within the tolerances specified in the test method will require interpolation or extrapolation of measured analyte concentration values to the precise target value. The initial method will be linear interpolation of the analyte concentration to the target pH value based on the log transform of the analyte concentration from the eluates having the nearest pH value greater than and less than the target value. If this method is found to provide poor representation of the overall pH dependent behavior of the analyte, then other interpolation

methods such as cubic splines or fifth-order polynomial fitting will be considered. The decision on the interpolation method will be based on the results obtained from the referee laboratory, prior to initiating evaluation of data from the participant laboratories. The same approach will be used for interpolation required to determine the equivalents of acid or base needed to be added to obtain the target eluate pH values. An ANOVA statistical evaluation (see below for ANOVA specification) will be used to evaluate the contributions to variance and method precision for the discrete values of the dependent variables at each target value of the appropriate independent variable.

An alternate method of data interpretation of the dependent variables will be based on the functional relationship of the dependent variable to the specified independent variable (i.e., analyte concentration as a function of pH or eluate pH as a function of acid or base addition). Thus, potential functional relationships (e.g., fifth order polynomials) will be regressed to the data set to provide a defined function to represent the overall result for each analyte. The contributions to variance in the resulting function then would serve as the basis for evaluating the method precision (see below for specification of statistical analysis of functional relationships).

Method 1314

The primary information to be derived from this test method is (i) the eluate pH and analyte concentration as a function of LS, and (ii) the cumulative release (i.e., mg of analyte per kg of material leached) of each analyte as a function of LS. The analyte concentration measured for eluates obtained at cumulative LS values of 0.2 and 0.5 can also be considered estimates of pore water composition and compared with similar estimates obtained from Method 1316. This interlaboratory comparison will be based on a complete characterization sampling scheme (Option A as specified in section 12.5.1.1 of the test method). The dependent variables that will serve as the basis for evaluation will be (i) eluate pH as determined at the method target LS values (i.e., 0.2, 0.5, 1.0, 1.5, 2.0, 4.5, 5.0, 9.5, 10.0), (ii) eluate analyte concentration as determined at the method target LS values, and (iii) cumulative analyte release as determined at the method target LS values. Variation in the actual LS about the target LS value of each eluate but within the tolerances specified in the test method will require interpolation or extrapolation of measured analyte concentration values to the precise target value. The initial method of interpolation considered will be linear interpolation of the analyte concentration to the target LS value based on the log transform of the analyte concentration from the eluates having the nearest LS value greater than and less than the target value. If this method is found to provide poor representation of the overall LS dependent behavior of the analyte, then other interpolation methods such as cubic splines or exponential decay or error function curves will be considered. A common approach will be used for interpolation of eluate pH to the target LS values. The decision on the interpolation method to be used will be based on the results obtained from the referee laboratory and prior to initiating evaluation of data from the participant laboratories. An ANOVA statistical evaluation (see below for ANOVA specification) will be used to evaluate the contributions to variance and method precision for the discrete values of the dependent variables at each target value of the appropriate independent variable.

An alternate method of data interpretation of the dependent variables will be based on the functional relationship of the dependent variable to the specified independent variable (i.e., analyte concentration as a function of LS or cumulative release as a function of LS). Thus, potential functional relationships (e.g., exponential decay, error function or polynomial functions) will be regressed to the data set to provide a defined function to represent the overall result for each analyte. The contributions to variance in the resulting function then would serve as the basis for evaluating the method precision (see below for specification of statistical analysis of functional relationships).

Method 1315

The primary information to be derived from this test method is (i) the eluate pH and analyte flux as a function of time, (ii) the cumulative release (i.e., mg of analyte per m^2 of material leached based on the external geometric surface area of exposed faces) of each analyte as a function of time, and (iii) the mean observed diffusivity[2] of each analyte when diffusion controlled release is indicated (see Section 13.2 of Method 1315). The dependent variables that will serve as the basis for evaluation will be (i) eluate pH as determined at each method leaching interval (i.e., cumulative leaching times of 0.08, 1.0, 2.0, 7.0, 14.0, 28.0, 42.0, 49.0 and 63.0 days; see Table 1 of Method 1315), (ii) eluate analyte concentration as determined for each method leaching interval, (iii) cumulative analyte release for each leaching interval, (iv) analyte mean flux over each leaching interval, and (v) observed diffusivity for each analyte when applicable. Interpolation for determined concentrations and derived values of cumulative release and flux should not be necessary as long as leaching intervals are maintained within tolerances specified in the test method. An analysis of variance (ANOVA) statistical evaluation (see below) will be used to evaluate the contributions to variance and method precision for the discrete values of the dependent variables at each target value of the appropriate independent variable.

Method 1316

The primary information to be derived from this test method is (i) the eluate pH and analyte concentration as a function of LS, and (ii) the release (i.e., mg of analyte per kg of material leached) of each analyte as a function of LS. The dependent variables that will serve as the basis for evaluation will be (i) eluate pH as determined at the method target LS values (i.e., 0.5, 1.0, 2.0, 5.0, 10.0), (ii) eluate analyte concentration as determined at the method target LS values, (iii) analyte release as determined at the method target LS values, and (iv) an estimate of analyte concentration at LS value of 0.2 which can also be compared with the

[2] There will be up to 9 individual observations of observed diffusivity (one for each leaching interval) from each replicate of each application of Method 1315 for each specified analyte. Thus, a mean and standard deviation will be reported for each observed diffusivity value.

analyte concentration at LS value of 0.2 from Method 1314. Discrete values of each analyte are measured at each LS value and therefore interpolation will not be needed; however extrapolation of the functional relationship of analyte concentration as a function of LS will be needed to estimate the concentration at LS of 0.2. Extrapolation of analyte concentration as a function of LS to LS of 0.2 will be accomplished by regressing a functional relationship (e.g., linear, exponential or polynomial) to measured analyte concentrations in eluates from other LS values. Different functional relationships may be necessary for different analytes. The decision on the interpolation method to be used will be based on the results obtained from the referee laboratory and prior to initiating evaluation of data from the participant laboratories. An ANOVA statistical evaluation (see below) will be used to evaluate the contributions to variance and method precision for the discrete values of the dependent variables at each target value of the appropriate independent variable.

Statistical Analysis of Variance

The basic method of data analysis is provided as follows in the context of Method 1313 for a single analyte and a single material. The same approach will be used for Methods 1314, 1315 and 1316, as well as for multiple materials. It assumes that the interpolation to target measurement values (i.e., target pH values for Method 1313 and target LS values for Method 1314) has been performed and determined to be acceptable as described in the section titled "Outlier Identification and Model Assumption Checking." In the definitions given as follows, the convention is that a “measurement” refers to a log-transformed analyte concentration or other dependent variable value:

$Y_{i,j,k} = k^{th}$ measurement at the j^{th} target pH for the i^{th} lab,

where

$i = 1,\ldots,M$ (M =number of labs in the study, where the reference lab is the M^{th}),

$j = 1,\ldots,9$ (the number of pH levels), and

$k = 1,2,3$ for participant labs 1 through $M-1; k = 1,\ldots,6$ for the reference lab M

The statistical model underlying the analysis of variance is a mixed-effects model with fixed effects for pH level, and random effects for labs and lab-by-pH interactions. Specifically,

$$Y_{i,j,k} = \mu + \alpha_j + \beta_i + \gamma_{i,j} + \varepsilon_{i,j,k}$$

where

μ and α_j are fixed effects, to model the overall mean response at different pH levels,

β_i and $\gamma_{i,j}$ are random effects that model differences among labs, and

$\varepsilon_{i,j,k}$ is a random error term that models variation among replicates within a particular lab and pH combination.

The standard assumptions for the model are that β_i, $\gamma_{i,j}$ and $\varepsilon_{i,j,k}$ are independent normal random variables with zero means and variances σ_β^2, σ_γ^2, and σ^2, respectively. The model will be fit to the data using appropriate routines in the established statistical software package, SAS.

Assessment of repeatability and reproducibility is made via the estimated variance components, with small values of estimated σ^2 indicating high repeatability, and small values of σ_β^2 and σ_γ^2 indicating high reproducibility.

Outlier Identification and Model Assumption Checking. The validity and utility of results from the statistical analysis depends on the assumptions underlying the statistical model and the integrity of the data. Thus the statistical analysis will be accompanied with an assessment of the suitability of the model and the data will checked for aberrant values (outliers).

Checking the Interpolation. Because labs are not likely to precisely hit the target values, and because analyte concentrations might depend sensitively to the realized pH values, a preliminary assessment of the realized pH values and an assessment of the interpolation method to target pH values will be performed.

Assessing the Realized pH Values. Differences between the target and realized pH will be assessed for all labs at all target pH values. This will include summary analyses of the mean differences to determine whether there are systematic tendencies to under- or over-shoot the target values for different labs or target pH values and an assessment of variation of those differences to determine whether labs tend to be equally close to the target values. These analyses can be done using analysis of variance models similar to those described above, although the intent here is simply to quantify the performance of the labs at hitting the target values, for the purpose of justifying the interpolation step.

Assessing the Interpolation. The purpose of the interpolation step is to provide a common basis for comparing the measured values. It is anticipated that the interpolation will have little effect on the final data analysis, although this is something that will be checked. The most straightforward way to check the sensitivity of the interpolation step is to compare the statistical analysis results obtained using different

methods of interpolation, say via linear, polynomial, and spline curve fitting. If the results are sensitive to the calibration method, then it is anticipated that a spline method will supplant the proposed linear interpolation. The interpolation also introduces a secondary source of departure from the basic analysis of variance model assumptions in the form of dependence between the interpolated measurements. This can be assessed using advanced modeling features of Proc Mixed in SAS.

Outlier Identification. Possible outliers will be identified using standard methods of plotting residuals and comparing laboratory-specific summary measures of variability. It should be emphasized that in a study of this nature (interlaboratory study) there are multiple notions of what constitutes an "outlier" and these also manifest themselves as other forms of model violations. For example, the random error term in the statistical model is usually assumed to have the same variance at all pH levels where it is known that the variance is different at different pH levels (and is also assumed to be the same at all laboratories). This is directly checked by comparing between pH and within lab sample variances which can also be accomplished using advanced features of SAS's Proc Mixed procedure. A lab with a much greater variance than other those of other labs is a candidate for being declared an outlying lab. Regardless of how alleged outliers are identified, their impact on the statistical results is most definitively assessed by direct comparison of statistical results obtained via separate analyses using the full data set and the "cleaned" data set (with outliers removed).

More Advanced Modeling Options. For Method 1313, we are interpolating to the target pH values to have a consistent comparison of measured concentrations in eluates. Although this approach appears to work quite well for the fly ash data obtained so far, this may not prove to be the case with future materials. If this occurs, the approach would be changed to compare “curves” rather than individual values, thus changing to functional analysis (where “functional” refers to the types of curve fits used, such as polynomials). The basic idea is to fit a smooth curve to the analyte concentration as a function of pH (using the realized pH values) and then to compare the curves so obtained within labs (to assess repeatability) and among labs (to assess reproducibility). The basic methods and techniques of functional data analysis are described in the seminal book by Ramsay and Silverman (1997).

7.2 Chemical (ICP, XRF, AE-OES, OC/EC) and Physical (Moisture) Characterization

These data are reduced and reports are generated automatically by the instrument software or through spreadsheets. The primary analyst will review 100% of the report for completeness and to ensure that quality control checks meet established criteria. If QC checks do not meet acceptance criteria, sample analysis must be repeated. A secondary review will be performed by the Inorganic Laboratory Manager and Vanderbilt University to validate the analytical report. If appropriate, certain chemical characterization data will be compared to the XRF analyses. In addition, the ARCADIS QA Officer will review at least 10% of the raw data generated by ARCADIS for completeness. Analytical data will be summarized in periodic reports to the ARCADIS WAL. The procedures for reduction, validation and reporting of the leaching experiments (Task III) are outlined in the methods (http://www.vanderbilt.edu/leaching/downloads.html). ARCADIS WAL

is responsible for the implementation of these procedures. ARCADIS and Vanderbilt University will be responsible for publishing results and reports. QA/QC activities will be mentioned in any published materials. A data quality report will be provided in the final report of this investigation.

Data generated for the leachate analysis and total composition are entered into a standard Excel spreadsheet to ease uploading into the Vanderbilt metals database from the ICP-MS and other analyses. This data along with QA/QC information can be viewed using the "LeachXS Lite" software program developed by Vanderbilt University and the Energy Research Centre of the Netherlands. This software tool will allow users to view the metals leaching information based on sample type, facility configuration, or CCR coal type, or validation laboratory. This data viewer and database program will be available to the public on-line when complete. In addition, all data generated from the interlaboratory validation study will be archived by APPCD along with other project documentation.

7.3 Radionuclide Characterization

A Quality Assurance (QA) program involving verification of energy and Full Width at Half Maximum (FWHM) for several key photopeaks will be implemented. The calibration standard used to establish the system efficiency as a function of energy will be counted for 5 minutes daily. The photopeak energy, full width at half-maximum (FWHM) and net peak area for Cs-137 (662 keV) will be measured and plotted, with the FWHM for the 1332 keV peak of Co-60, for both detector systems. Any value occurring outside of 3 standard deviations of the mean (established in a preliminary study of about 20 measurements) must be immediately recounted. If the recount values are within 3 standard deviations, the system may be used for sample counting; if not an investigation into the detector reliability must be performed and a diagnosis and correction of any problems carried out before samples are counted on this system.

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8. Assessments

Assessments and audits are an integral part of a quality system. This project is assigned a QA Category III and, while desirable, does not require a planned technical systems audit (TSA). The ARCADIS QA Officer may conduct a TSA at the request of either the EPA WAM or the ARCADIS WAL. Internal assessments will be performed by project personnel to ensure acquired data meet data quality indicator goals established in Section 6.

There are currently no planned performance evaluation audits but Table 8-1 lists the measurement parameters and expected ranges should EPA determine a PEA should be provided.

Table 8-1. PEA Parameters and Ranges

Analyte or Measurement	Method	Expected Range
As, B, Ba, Ca, Co, Cr, Mo, Sb, Se, V	ICP-OES/3052/6020A	1-100 µg/mL
Hg	7470A	0.25 to 10 ug/L
pH	Electrode	0-14

The ARCADIS QA Officer will perform an internal data quality audit on at least 10% of the reported data. Reported results will be verified by performing calculations using raw data and information recorded in laboratory notebooks.

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9. References

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Appendix A

Laboratory Shipping Address

Name	Affiliation	Shipping Address
James M. Tinjum	University of Wisconsin-Madison	James M. Tinjum, P.E., Ph.D. University of Wisconsin-Madison Department of Civil and Environmental Engineering 2214 Engineering Hall 1415 Engineering Drive Madison, WI 53706
Mandi Richardson	URS Corp.	Mandi Richardson URS Corporation 9400 Amberglen Blvd. Austin, TX 78729
Jianmin Wang	Missouri University of Science and Technology	Jianmin Wang Dept. of Civil, Architectural & Environmental Engineering 223 Butler Carlton Hall University of Missouri-Rolla (UMR) Rolla, MO 65409
Zuzana Bohrerova	The Ohio State University	Zuzana Bohrerova The Ohio State University 470 Hitchcock Hall 2070 Neil Avenue Columbus, OH 43210-1275
Catherine Mattus	DOE- Oak Ridge National Laboratory	Catherine Mattus Oak Ridge National Laboratory P.O Box 2008 1 Bethel Valley Road Oak Ridge, TN 37831-6181
Eric Pierce	DOE- Pacific Northwest National Laboratory	Eric M. Pierce 790 6th Street Richland, WA 99338

Charles Crawford	DOE-Savannah River National Laboratory	Charles L. Crawford Savannah River National Laboratory Bldg. 773-42A Savannah River Site Aiken, SC 29808 Needs to have an internal number attached to the box: PO# 0T0580
Hwidong Kim	University of Florida	Hwidong Kim 220 Black Hall Department of Environmental Engineering & Sciences University of Florida Gainesville, FL, 32611.
Johnny Mitchell	Test America (TVA)	Johnny Mitchell TestAmerica Laboratories – Nashville 2960 Foster Creighton Drive Nashville, TN 37204
Rosanne Delapp	Vanderbilt University	Rosanne Delapp Vanderbilt University Jacobs Hall 149 400 24th Avenue South Nashville, TN 37235
Prof. Dr. Rob N.J. Comans	ECN	Dr. Rob N.J. Comans ECN Biomass, Coal and Environmental Research Energy research Centre of the Netherlands Westerduinweg 3, NL-1755 LE PETTEN Neatherlands
Ole Hjelmar	DHI	Ole Hjelmar DHI Urban & Industrial Dept. Agern Allé 5 DK-2970 Hørsholm Denmark
Jenet T. Hattaway	University of North Carolina Charlotte	Civil & Environmental Engineering University of North Carolina Charlotte Cameron Bldg. Rm 267 9201 University City Blvd. Charlotte, NC 28223-0002

PRELIMINARY VERSION of EPA METHOD 1313

Liquid-Solid Partitioning as a Function of Extract pH using Parallel Batch Extractions

LeachXS™ Lite Data Template - Version 1.1, January 2010

PROJECT/MATERIAL TITLE SHEET

PROJECT INFORMATION

Project Code	
Project Sponsor	
Project Description	
Material Code	
Material Replicate	
Material Originator	
Material Description	

Test Method Lab		Date Complete	
Contact		Phone	
Analytical Lab		Date Complete	
Contact		Phone	

DATABASE INFORMATION

Name of Database	
Material Code	
Material Class	
Material Subclass	

SIGNATURES

Data Compiler:	_____	Date:	_____
Data Reviewer:	_____	Date:	_____
Approved by:	_____	Date:	_____
LeachXS™ Lite Upload:	_____	Date:	_____

COAL COMBUSTION RESIDUE CLASSIFICATIONS

PROJECT & MATERIAL CODES

Project Code		Auto-inserted from "Title Sheet"
Material Code		Auto-inserted from "Title Sheet"
Material Replicate		Auto-inserted from "Title Sheet"

LeachXS Database Information

Name of Database		Auto-inserted from "Title Sheet"
Material Code		Auto-inserted from "Title Sheet"

RESIDUE DESCRIPTION

CCR Category	
Fly Ash Type	
Residue Handling	
Citation	*please specify*

SOURCE DESCRIPTION

Coal Type	
Coal Region	
Facility	*please specify*
Facility Description	

PROCESS DESCRIPTION

Particulate Capture	
Scrubber Type	
FGD Scrubber Additive	
NO_x Control	
SO_3 Control	
Hg Sorbent Injection	

PRE METHOD 1313 LeachXS™ Lite Data Template

MOISTURE CONTENT (WET BASIS) AND SOLIDS CONTENT INSTRUCTIONS

Step 1: Enter the project, material and replicate codes as well as the name of the technician conducting the test.

Step 2: Measure and record the mass of an empty drying or suitable weighing dish as well as the dish containing 5-10 g the "wet" sample. Record data and time of measurement. Place dish and sample into over at 105±5 °C for a minimum of 24 hr.

Step 3: Remove dish and sample from oven and allow to cool to room temperature in a desiccator. Measure and record the mass of the dish and dry sample. Place the dish and sample back into the oven for at least another 24-hr period.

Step 4: Repeat cooling and measurement procedure as shown in Step 3 until constant mass of the dish and sample is accheived. Record this mass and the final date and time. Discard the sample.

Step 5: Moisture and solids content are calculated automatically. Mean SC cell may be linked to the solids content cells in Pre-Test data and Test Data sheets. Alternately, copy the Mean SC cell value to these sheets.

PRE METHOD 1313 LeachXS™ Lite Data Template

MOISTURE CONTENT (WET BASIS) AND SOLIDS CONTENT INSTRUCTIONS

	Code	Description *(optional)*	Test conducted by:	
Project		Auto-inserted from "Title Sheet"		
Material		Auto-inserted from "Title Sheet"		
Test Replicate	A			

	Dish-1	Dish-2	Dish-3	Date	Time
Empty Dish [g]					
Dish + Sample [g]					
Dish + Dry Sample [g]					
Check (Dish + Dry Sample) [g]					

Moisture Content (MC) [g-water/g]				Mean MC =	[g-water/g]
Solids Content (SC) [g-dry/g]				Mean SC =	[g-dry/g]

MOISTURE CONTENT (WET BASIS) AND SOLIDS CONTENT INSTRUCTIONS

	Code	Description *(optional)*	Test conducted by:	
Project		Auto-inserted from "Title Sheet"		
Material		Auto-inserted from "Title Sheet"		
Test Replicate	B			

	Dish-1	Dish-2	Dish-3	Date	Time
Empty Dish [g]					
Dish + Sample [g]					
Dish + Dry Sample [g]					
Check (Dish + Dry Sample) [g]					

Moisture Content (MC) [g-water/g]				Mean MC =	[g-water/g]
Solids Content (SC) [g-dry/g]				Mean SC =	[g-dry/g]

MOISTURE CONTENT (WET BASIS) AND SOLIDS CONTENT INSTRUCTIONS

	Code	Description *(optional)*	Test conducted by:	
Project		Auto-inserted from "Title Sheet"		
Material		Auto-inserted from "Title Sheet"		
Test Replicate	C			

	Dish-1	Dish-2	Dish-3	Date	Time
Empty Dish [g]					
Dish + Sample [g]					
Dish + Dry Sample [g]					
Check (Dish + Dry Sample) [g]					

Moisture Content (MC) [g-water/g]				Mean MC =	[g-water/g]
Solids Content (SC) [g-dry/g]				Mean SC =	[g-dry/g]

PreMethod 1313 LeachXS™ Lite Data Template

PRE-TEST TITRATION INSTRUCTIONS

Step 1: Enter the project, material and replicate codes as well as the technician name. In order to initiate test extration setup, enter the maximum particle size, solids content, and reagent type and normality.

Step 2: Enter target acid or base additions from prior knowledge or from prediction of neutralization classifications in Draft Method 1313 Table 2 (note: base equivalents have a negative sign).

Step 3: Prepare five bottles, labelled P01 through P05, with solid material. Add reagent water and acid or base to the bottles according to the Schedule of Acid and Base Additions. Enter date and time that agitation of extracts begins.

Step 4: At the conclusion of the test, enter date and time that agitation ends. Record leachate pH. The pre-test titration curve for the material will be plotted automatically (**note:** axis adjustments may be necessary).

Step 5: From the pre-test titration, select the additions of acid and base required to complete the list of target pH (see Draft Method 1313 Table 5) plotted as horizontal blue dashed lines. These acid/base additions are to be entered into the "Test Data" sheet to create the Schedule of Acid and Base Additions.

PreMethod 1313 LeachXS™ Lite Data Template

METHOD 1313 PRE-TEST TITRATION

	Code	Description *(optional)*
Project		Auto-inserted from "Title Sheet"
Material		Auto-inserted from "Title Sheet"
Test Replicate	A	

Test conducted by:

	Date	Time
Test Start		
Test End		

Required Contact Time * [hr]

* Data based on Draft Method 1313 Table 1.

Solids Information

Particle Size (85 wt% less than)		mm
Minimum Dry Equivalent Mass *		g-dry
Solids Content (default = 1)		g-dry/g
Mass of "As Tested" Material / Extraction		g

Extraction Information

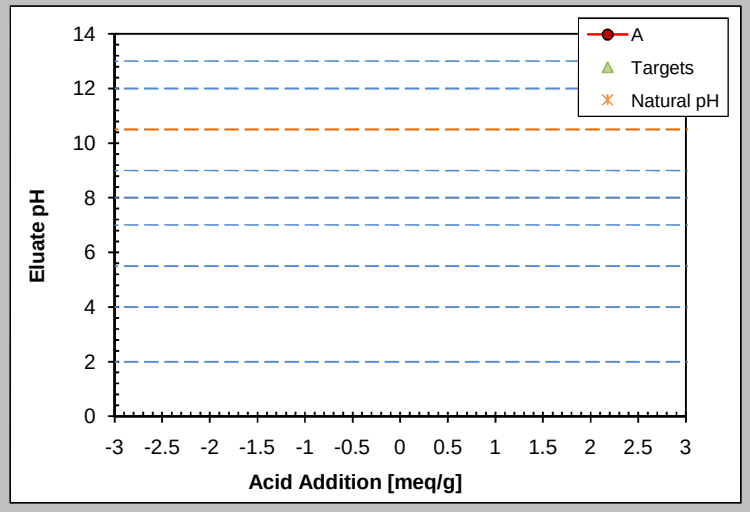
LS Ratio	10	mL/g-dry
Liquid Volume / Extraction	200	mL
Recommended Bottle Size *	250	mL
Temperature		°C

Reagent Information

Acid Type		
Acid Normality		meq/mL
Base Type		
Base Normality		meq/mL

Schedule of Acid and Base Addition (±0.05) additional extracts as needed

Test Position	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	
"As Tested" Solid [g] (±0.05g)	-	-	-	-	-	-	-	-	-	-	Total Solid g
Reagent Water [mL] (±5%)	-	-	-	-	-	-	-	-	-	-	Total Water mL
Acid Volume [mL] (±1%)	-	-	-	-	-	-	-	-	-	-	Total Acid mL
Base Volume [mL] (±1%)	-	-	-	-	-	-	-	-	-	-	Total Base mL
Acid Addition [meq/g]											
Eluate pH											



Acid Addition Required

[meq/g-dry]	pH Target		Rationale
0			Natural pH at LS 10 mL/g-dry (no acid/base addition)
	2.0	±0.5	Provides total or available content of COPCs
	4.0	±0.5	Lower pH limit of typical management scenario
	5.5	±0.5	Typical lower range of industrial waste landfills
	7.0	±0.5	Neutral pH region; high release of oxyanions
	8.0	±0.5	Endpoint pH of carbonated alkaline materials
	9.0	±0.5	Minimum of LSP curve for many cationic and amphoteric COPCs
	12.0	±0.5	Maximum in alkaline range for LSP curves of amphoteric COPCs
	13.0	±0.5	Upper bound (field conditions) for amphoteric COPCs
	10.5	±0.5	Substitution if natural pH falls within range of a mandatory pH target

PreMethod 1313 LeachXS™ Lite Data Template

Table 1 Extraction Parameters as a Function of Particle Size

Particle Size (85% less than) [mm]	US Sieve Size	Minimum Dry Equivalent [g-dry]	Contact Time [h]	Suggested Vessel Size [mL]
0.3	50	20±0.02	24±2	250
2	10	40±0.02	48±2	500
5	4	80±0.02	72±2	1000

Table 3 Pre-Test Tiration Schedule

Neutralization Classification	Acid or Base Addition [meq/g-dry]				
	P01	P02	P03	P04	P05
Low Alkalinity	-2	-1	0	1	2
Moderate Alkalinity	-2	0	2	5	10
High Alkalinity	0	5	10	15	25

Additional data points (e.g., T06, T07, T08 …) may be needed to provide titration curve resolution

PRE METHOD 1313 LeachXS™ Lite Data Template

EXTRACTION TEST INSTRUCTIONS

Step 1: Enter the project, material and replicate codes as well as the technician name. To initiate test setup, enter the maximum particle size, solids content, and reagent type and normality.

Step 2: Enter target acid or base additions from prior knowledge or from the pre-test titration (note: base equivalents have a negative sign).

Step 3: Add solid material to nine bottles, labelled T01 through T09. Label an additional three bottles as blanks (B01, B02, and B03). Add DI water and acid or base to eleven bottles (i.e,., T0x and B0x bottles) according to the Schedule of Acid and Base Additions. Enter date/time that extract agitation begins.

Note: If the acid or base is too dilute, large volume addition will be necessary. The acid or base normality may be adjusted for individual extractions.

Step 4: At the conclusion of the test, enter date and time that agitation ends. Record leachate information. Leachate pH and electrical conductivity (EC) will be plotted automatically (note: axis adjustments may be necessary).

Step 5: If the pH of the extract is within the target range and an analytical sample is to be saved, enter the letter "a" in the last row (font converts "a" to a check mark). If the extract will not be saved for chemical analysis, enter the letter "r" in the last row (font converts "r" to an X).

PRE METHOD 1313 LeachXS™ Lite Data Template

METHOD 1313 EXTRACTION DATA

	Code	Description *(optional)*
Project		Auto-inserted from "Title Sheet"
Material		Auto-inserted from "Title Sheet"
Test Replicate	A	

Test conducted by:

	Date	Time
Test Start		
Test End		

Required Contact Time * hr

Solids Information

Maximum Particle Size		mm
Minimum Dry Equivalent Mass *		g-dry
Solids Content (default = 1)		g-dry/g
Mass of "As Tested" Material / Extraction		g

* Data based on Draft Method 1313 Table 1.

Extraction Information

LS Ratio	10	mL/g-dry
Liquid Volume / Extraction	200	mL
Recommended Bottle Size *	250	mL
Temperature		°C

Nominal Reagent Information

Acid Type		
Acid Normality		meq/mL
Base Type		
Base Normality		meq/mL

Schedule of Acid and Base Addition

Test Position	T01	T02	T03	T04	T05	T06	T07	T08	T09	B01	B02	B03	totals	
"As Tested" Solid [g] (±0.05g)	-	-	-	-	-	-	-	-	-	no solid	no solid	no solid		g
Reagent Water [mL] (±5%)	-	-	-	-	-	-	-	-	-	-	-	-		mL
Acid Volume [mL] (±1%)	-	-	-	-	-	-	-	-	-	-	-	-		mL
Base Volume [mL] (±1%)	-	-	-	-	-	-	-	-	-	-	-	-		mL
Acid Normality [meq/mL]	-	-	-	-	-	-	-	-	-	-	-	-		
Base Normality [meq/mL]	-	-	-	-	-	-	-	-	-	-	-	-		

Target pH	13.0±0.5	12.0±0.5	10.5±0.5	9.0±0.5	8.0±0.5	7.0±0.5	5.5±0.5	4.0±0.5	2.0±0.5	Water	Acid	Base	
Acid Addition [meq/g]													
Eluate pH													
Eluate EC [mS/cm]													
Eluate Eh [mV]													
Meets pH criteria?													Enter "a" for "yes" or "r" for "no".
Notes													

PRE METHOD 1313 LeachXS™ Lite Data Template

METHOD 1313 EXTRACTION DATA

	Code	Description *(optional)*
Project		Auto-inserted from "Title Sheet"
Material		Auto-inserted from "Title Sheet"
Test Replicate	B	

Test conducted by:

	Date	Time
Test Start		
Test End		

Required Contact Time * hr

Solids Information

Maximum Particle Size		mm
Minimum Dry Equivalent Mass *		g-dry
Solids Content (default = 1)		g-dry/g
Mass of "As Tested" Material / Extraction		g

* Data based on Draft Method 1313 Table 1.

Extraction Information

LS Ratio	10	mL/g-dry
Liquid Volume / Extraction	200	mL
Recommended Bottle Size *	250	mL
Temperature		°C

Nominal Reagent Information

Acid Type		
Acid Normality		meq/mL
Base Type		
Base Normality		meq/mL

Schedule of Acid and Base Addition

Test Position	T01	T02	T03	T04	T05	T06	T07	T08	T09	B01	B02	B03	totals	
"As Tested" Solid [g] (±0.05g)	-	-	-	-	-	-	-	-	-	no solid	no solid	no solid		g
Reagent Water [mL] (±5%)	-	-	-	-	-	-	-	-	-	-	-	-		mL
Acid Volume [mL] (±1%)	-	-	-	-	-	-	-	-	-	-	-	-		mL
Base Volume [mL] (±1%)	-	-	-	-	-	-	-	-	-	-	-	-		mL
Acid Normality [meq/mL]	-	-	-	-	-	-	-	-	-	-	-	-		
Base Normality [meq/mL]	-	-	-	-	-	-	-	-	-	-	-	-		

Target pH	13.0±0.5	12.0±0.5	10.5±0.5	9.0±0.5	8.0±0.5	7.0±0.5	5.5±0.5	4.0±0.5	2.0±0.5	Water	Acid	Base
Acid Addition [meq/g]												
Eluate pH												
Eluate EC [mS/cm]												
Eluate Eh [mV]												
Save? (enter "a" or "r")												
Notes												

Note: If multiple replicate tests are carried out in parallel, only one set of method blanks is necessary.

PRE METHOD 1313 LeachXS™ Lite Data Template

METHOD 1313 EXTRACTION DATA

	Code	Description *(optional)*
Project		Auto-inserted from "Title Sheet"
Material		Auto-inserted from "Title Sheet"
Test Replicate	C	

Test conducted by:

	Date	Time
Test Start		
Test End		

Required Contact Time * hr

Solids Information

Maximum Particle Size		mm
Minimum Dry Equivalent Mass *		g-dry
Solids Content (default = 1)		g-dry/g
Mass of "As Tested" Material / Extraction		g

* Data based on Draft Method 1313 Table 1.

Extraction Information

LS Ratio	10	mL/g-dry
Liquid Volume / Extraction	200	mL
Recommended Bottle Size *	250	mL
Temperature	21	°C

Nominal Reagent Information

Acid Type		
Acid Normality		meq/mL
Base Type		
Base Normality		meq/mL

Schedule of Acid and Base Addition

Test Position	T01	T02	T03	T04	T05	T06	T07	T08	T09	B01	B02	B03	totals	
"As Tested" Solid [g] (±0.05g)	-	-	-	-	-	-	-	-	-	no solid	no solid	no solid		g
Reagent Water [mL] (±5%)	-	-	-	-	-	-	-	-	-	-	-	-		mL
Acid Volume [mL] (±1%)	-	-	-	-	-	-	-	-	-	-	-	-		mL
Base Volume [mL] (±1%)	-	-	-	-	-	-	-	-	-	-	-	-		mL
Acid Normality [meq/mL]	-	-	-	-	-	-	-	-	-	-	-	-		
Base Normality [meq/mL]	-	-	-	-	-	-	-	-	-	-	-	-		

Target pH	13.0±0.5	12.0±0.5	10.5±0.5	9.0±0.5	8.0±0.5	7.0±0.5	5.5±0.5	4.0±0.5	2.0±0.5	Water	Acid	Base
Acid Addition [meq/g]												
Eluate pH												
Eluate EC [mS/cm]												
Eluate Eh [mV]												
Save? (enter "a" or "r")												
Notes												

Note: If multiple replicate tests are carried out in parallel, only one set of method blanks is necessary.

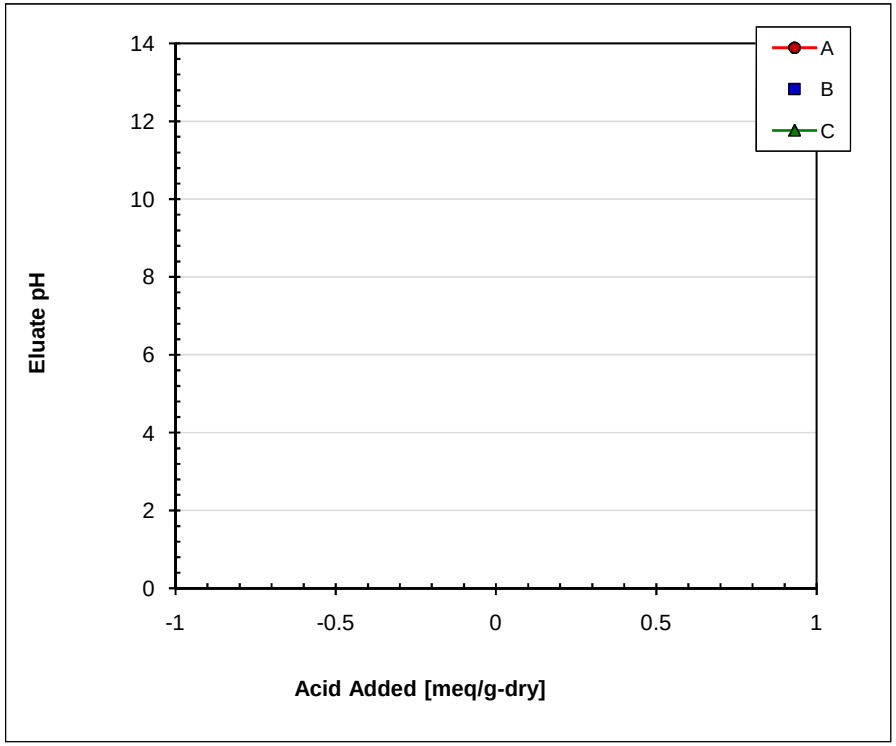
PRE METHOD 1313 LeachXS™ Lite Data Template

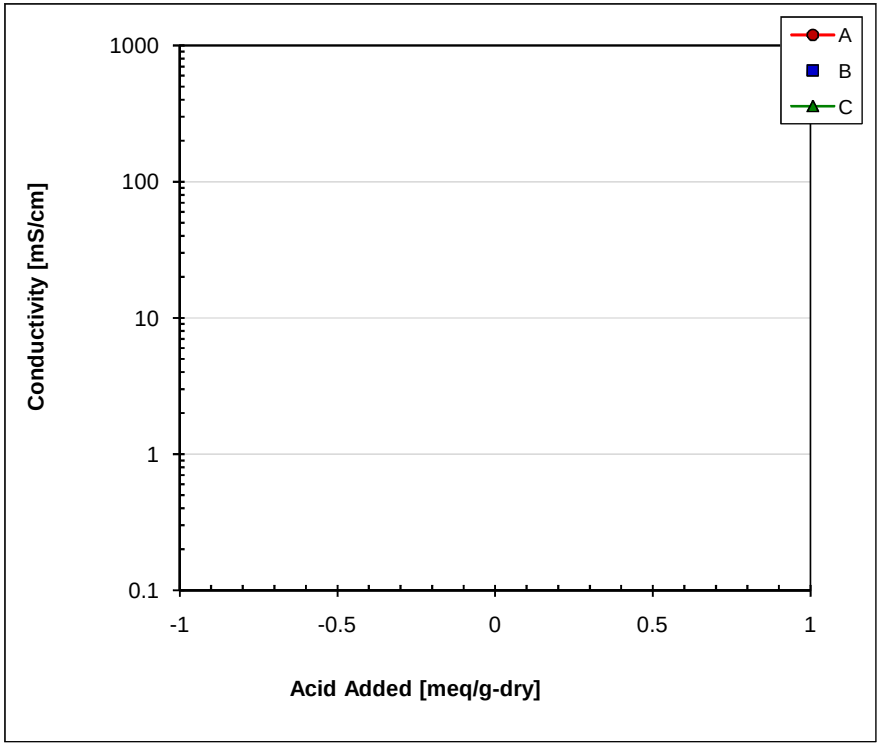
Table 4 Extraction Parameters as a Function of Particle Size

Maximum Particle Size [mm]	US Sieve Size	Minimum Dry Equivalent [g-dry]	Contact Time [h]	Suggested Vessel Size [mL]
0.3	50	20±0.02	24±2	250
2	10	40±0.02	48±2	500
5	4	80±0.02	72±2	1000

Table 5 Final Extract pH Targets

pH Target	Rationale
varies	Natural pH at LS 10 mL/g-dry (no acid/base addition)
2.0±0.5	Provides total or available COPC content
4.0±0.5	Lower pH limit of typical management scenario
5.5±0.5	Typical lower range of industrial waste landfills
7.0±0.5	Neutral pH region; high release of oxyanions
8.0±0.5	Endpoint for carbonated alkaline materials
9.0±0.5	Minimum of LSP curve for many cationic and amphoteric COPCs
12.0±0.5	Maximum in alkaline range for LSP curves of amphoteric COPCs
13.0±0.5	Upper bound (field conditions) for amphoteric COPCs
10.5±0.5	Substitution if natural pH falls within another mandatory target





PreMethod 1313 LeachXS™ Lite Data Template

SELECTION OF ANALYTICAL SOLUTIONS

This page is for selection of a final set of nine extractions per test replicate from the "Lab Extractions" data. All data is manually input by the user based on if extraction meet the pH criteria.

METHOD 1313 SELECTED ANALYTICAL SOLUTIONS

	Code	Description *(optional)*
Project		Auto-inserted from "Title Sheet"
Material		Auto-inserted from "Title Sheet"

Test Replicate: A

Max Particle Size: mm
Solids Content: g-dry/g
Temperature: °C
Acid Type: *selected from drop-down menu*
Base Type: *selected from drop-down menu*
Lab Technician:

Test Position	T01	T02	T03	T04	T05	T06	T07	T08	T09	B01	B02	B03
Test Start Date												
Extraction Duration [hr]												
"As Tested" Solid [g]												
Reagent Water [mL]												
Acid Volume [mL]												
Base Volume [mL]												
Acid Normality [meq/mL]												
Base Normality [meq/mL]												
Acid Addition [meq/g]										Water	Acid	Base
Eluate pH												
Eluate EC [mS/cm]												
Eluate Eh [mV]												
Remarks												

Test Replicate: B

Max Particle Size: mm
Solids Content: g-dry/g
Temperature: °C
Acid Type: *selected from drop-down menu*
Base Type: *selected from drop-down menu*
Lab Technician:

Test Position	T01	T02	T03	T04	T05	T06	T07	T08	T09	B01	B02	B03
Test Start Date												
Extraction Duration [hr]												
"As Tested" Solid [g]												
Reagent Water [mL]												
Acid Volume [mL]												
Base Volume [mL]												
Acid Normality [meq/mL]												
Base Normality [meq/mL]												
Acid Addition [meq/g]										Water	Acid	Base
Eluate pH												
Eluate EC [mS/cm]												
Eluate Eh [mV]												
Remarks												

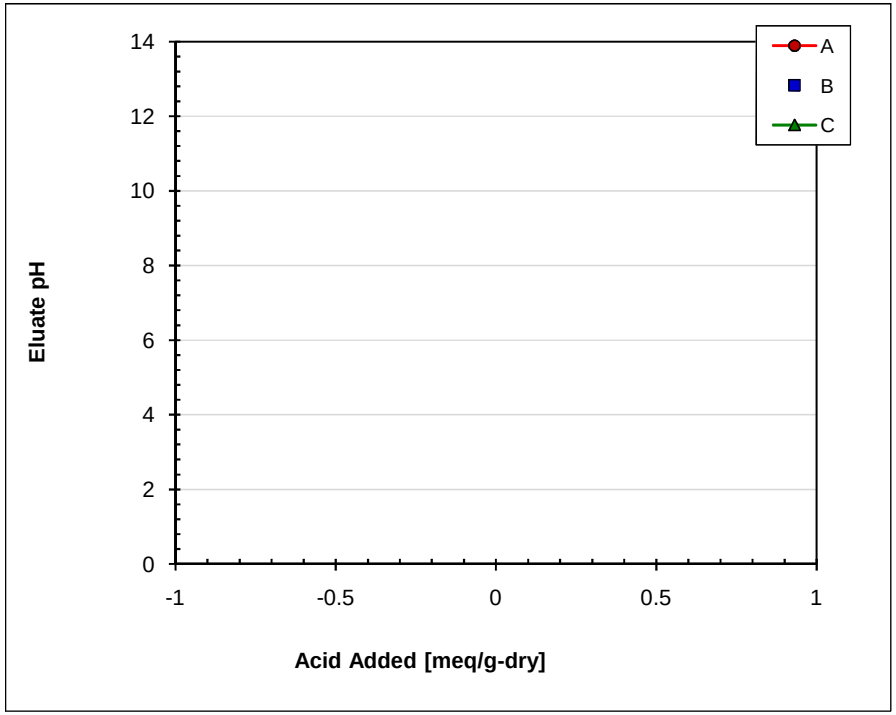
Test Replicate: C

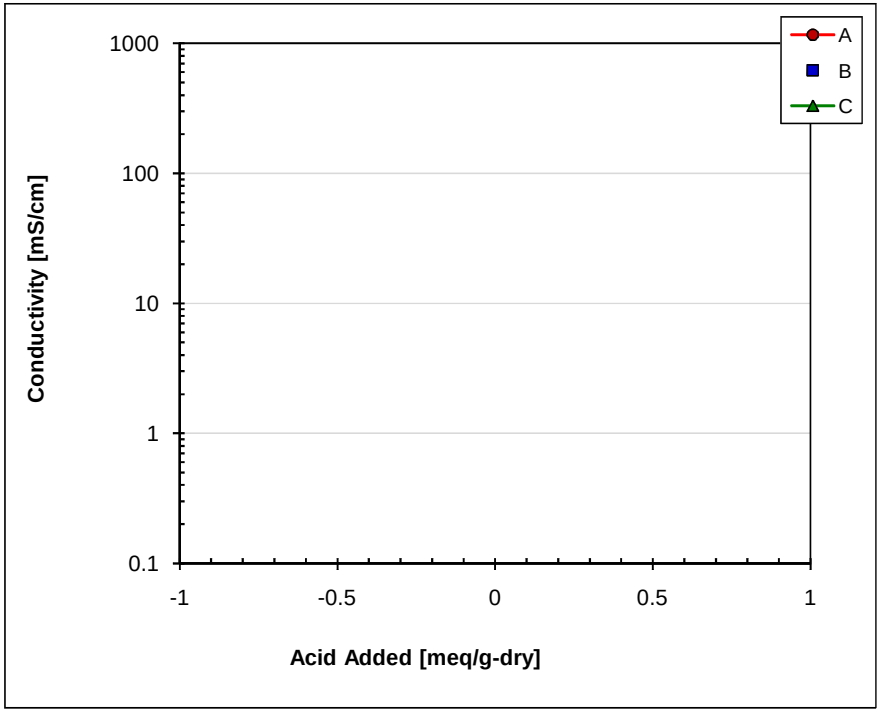
Max Particle Size: mm
Solids Content: g-dry/g
Temperature: °C
Acid Type: *selected from drop-down menu*
Base Type: *selected from drop-down menu*
Lab Technician:

Test Position	T01	T02	T03	T04	T05	T06	T07	T08	T09	B01	B02	B03
Test Start Date												
Extraction Duration [hr]												
"As Tested" Solid [g]												
Reagent Water [mL]												
Acid Volume [mL]												
Base Volume [mL]												
Acid Normality [meq/mL]												
Base Normality [meq/mL]												
Acid Addition [meq/g]										Water	Acid	Base
Eluate pH												
Eluate EC [mS/cm]												
Eluate Eh [mV]												
Remarks												

PreMethod 1313 LeachXS™ Lite Data Template

Table 5	Final Extract pH Targets
pH Target	**Rationale**
varies	Natural pH at LS 10 mL/g-dry (no acid/base addition)
2.0±0.5	Provides total or available COPC content
4.0±0.5	Lower pH limit of typical management scenario
5.5±0.5	Typical lower range of industrial waste landfills
7.0±0.5	Neutral pH region; high release of oxyanions
8.0±0.5	Endpoint for carbonated alkaline materials
9.0±0.5	Minimum of LSP curve for many cationic and amphoteric COPCs
12.0±0.5	Maximum in alkaline range for LSP curves of amphoteric COPCs
13.0±0.5	Upper bound (field conditions) for amphoteric COPCs
10.5±0.5	Substitution if natural pH falls within another mandatory target





PreMethod 1313 LeachXS™ Lite Data Template

METHOD 1313 MASTER DATA LIST

QC Flags	
J	Value greater than calibration
E	Value between MDL and ML
U	Value less than MDL
U1/2	Value less than MDL (shown at 1/2 MDL)

	Code	Description *(optional)*
Project ID		Auto-inserted from "Title Sheet"
Material ID		Auto-inserted from "Title Sheet"
Test ID	1313	

	Acid Type	Base Type
Test Rep A		
Test Rep B		
Test Rep C		

MDL
ML
Analytical Method
Analysis Date
Analytical Lab Name

				Eluate Composition							
Sample ID	"As Tested" Solid	Moisture Content	Water Added	Acid Added	Acid Stength	Base Added	Base Stength	Acid Added	Eluate pH	Eluate Cond.	Eluate ORP
	g	g-H_2O/g	mL	mL	N	mL	N	meq/g-dry	s.u.	mS/cm	mV
-1313-T01-A											
-1313-T02-A											
-1313-T03-A											
-1313-T04-A											
-1313-T05-A											
-1313-T06-A											
-1313-T07-A											
-1313-T08-A											
-1313-T09-A											
-1313-T01-B											
-1313-T02-B											
-1313-T03-B											
-1313-T04-B											
-1313-T05-B											
-1313-T06-B											
-1313-T07-B											
-1313-T08-B											
-1313-T09-B											
-1313-T01-C											
-1313-T02-C											
-1313-T03-C											
-1313-T04-C											
-1313-T05-C											
-1313-T06-C											
-1313-T07-C											
-1313-T08-C											
-1313-T09-C											
-1313-B01-A	-	-						-			
-1313-B02-A	-	-						-			
-1313-B03-A	-	-						-			

PreMethod 1313 LeachXS™ Lite Data Template **PreMethod 1313 LeachXS™ Lite Data Template**

Detection and Quantification Limits

Al	Sb	As	Ba	Be	B	Cd	Ca	Cs	Cr	Co	Cu

	1		2		3		4		5		6		7		8		9		10		11		12	
	Aluminum Al µg/L	QC	Antimony Sb µg/L	QC	Arsenic As µg/L	QC	Barium Ba µg/L	QC	Beryllium Be µg/L	QC	Boron B µg/L	QC	Cadmium Cd µg/L	QC	Calcium Ca µg/L	QC	Cesium Cs µg/L	QC	Chromium Cr µg/L	QC	Cobalt Co µg/L	QC	Copper Cu µg/L	QC

PreMethod 1313 LeachXS™ Lite Data Template

Fe	Pb	Li	Mg	Mn	Mo	Ni	P	K	Se	Si	Na

13		14		15		16		17		18		19		20		21		22		23		24	
Iron Fe µg/L	QC	Lead Pb µg/L	QC	Lithium Li µg/L	QC	Magnesium Mg µg/L	QC	Manganese Mn µg/L	QC	Molybdenum Mo µg/L	QC	Nickel Ni µg/L	QC	Phosphorus P µg/L	QC	Potassium K µg/L	QC	Selenium Se µg/L	QC	Silicon Si µg/L	QC	Sodium Na µg/L	QC

PreMethod 1313 LeachXS™ Lite Data Template

Sr	S	Tl	Sn	Ti	U	V	Zn	Hg	F	Cl	NO2

25		26		27		28		29		30		31		32		33		34		35		36	
Strontium Sr	QC	Sulfur S	QC	Thallium Tl	QC	Tin Sn	QC	Titanium Ti	QC	Uranium U	QC	Vanadium V	QC	Zinc Zn	QC	Mercury Hg	QC	Fluoride F	QC	Chloride Cl	QC	Nitrite NO2	QC
µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	

Br	NO3	SO4	PO4	DIC	DOC	NH3

37		38		39		40		41		42		43	
Bromide Br µg/L	QC	Nitrate NO3 µg/L	QC	Sulfate SO4 µg/L	QC	Phosphate PO4 µg/L	QC	Inorganic C DIC µg/L	QC	Organic C DOC µg/L	QC	Ammonia NH3 µg/L	QC

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
SOLID WASTE AND
EMERGENCY RESPONSE

Dear Leach Validation Participant,

Welcome to the Phase I validation of PreMethods 1313 (pH dependent leach test) and 1316 (L/S ratio leach test). These methods represent a significant step forward in the science of modeling material leaching into the environment. As a participatory laboratory, your assistance in this effort will help ensure these methods are incorporated in EPA's publicly available method compendium *Test Methods for Evaluating Solid Waste Physical/Chemical Methods* (SW-846).

As you review the methods, along with the instructions and materials enclosed in this package, I would like to highlight a couple of key points. First, please make sure you downloand and review the most current version of PreMethods 1313 and 1316 along with the laboratory instruction sheet (enclosed) before running the methods (see www.vanderbilt.edu/leaching). Some minor changes and clarifications were recently made to the methods to help improve their usability. Second, please check the list of materials provided on the instruction sheet to ensure your kit is complete. Lastly, please note that since you will be shipping the extracted elluates to Vanderbilt University for analysis, it is important that you follow the preservation instructions to ensure accurate results.

From the start of this interlaboratory validation effort, one of our top priorities is to make sure we are being responsive to the needs of our participating labs. As such, please do not hesitate to contact me with any problem, issue, or concern you may have throughout this process. You can contact me by phone at 703-308-0157 or by email at baldwin.mark@epa.gov. Again on behalf of the EPA, I would like to thank you and your laboratory for your invaluable contribution to this validation effort.

Sincerely,

Mark Baldwin

Internet Address (URL) ● http://www.epa.gov
Recycled/Recyclable ● Printed with Vegetable Oil Based Inks on 100% Postconsumer, Process Chlorine Free Recycled Paper

Phase I of Method 1313/Method 1316 Validation

The subject material for Phase I of the Method 1313/Method 1316 inter-laboratory validation study is a coal combustion fly ash. A generic MSDS for coal fly ash is included with the material shipment.

The subject material may be treated as a well homogenized sample with 85% < 0.3 mm particle size. Thus:

- the minimum equivalent dry mass for Method 1313 and Method 1316 will be 20 g-dry and all extractions may be conducted in 250-mL bottles with the exception of two low liquid-solid (LS) ratio test positions, 1316-T04 and T05, which will likely require higher amounts of solid materials in a 500 mL bottles in order to ensure 50 mL analytical solutions
- no particle size reduction or sieve analysis is required for this Phase I sample

Although the titration curve should be developed as part of the method validation, baseline characterization has shown the titration curve for the Phase I material to be very sensitive to acid addition in the neutral range. Extreme care should be taken to provide exact volumes of acid addition during (i) the pre-test titration in order to produce an accurate titration curve and (ii) the extraction step in order to reproduce an acceptable final pH. Test positions that meet pH tolerances should be processed for chemical analysis and only those test positions that do not meet test position pH tolerances need to be rerun.

The kit supplied for the Phase I validation study includes:

- Four sets of completed bottle labels for each test replicate
- One chain of custody form
- Two questionnaires (one for each Method 1313 and Method 1316)

The sample labeling convention used to identify a particular solution consists of numerical identifiers for the material, lab, test method, and test position along with an alphabetical identifier for the test replicate. The layout for the sample label convention is as follows:

M*aa***L***bb***-131***c***-T***dd***-***e*** (Test Positions T01 through T09)

M*aa***L***bb***-131***c***-B***dd***-***e*** (QA/QC Blanks B01-B03)

"aa" is a two-digit number starting at zero that identifies the test material (e.g., the Phase I material is M01),

"bb" is a two-digit number starting at zero that identifies the participating laboratory (assigned randomly by EPA-ORCR),

"c" is a single digit number that completes the test method ID (i.e., 1313 or 1316),

"dd" is a two-digit number starting at zero that identifies the test position or QA/QC blank.

"e" is a single letter representing the test replicate (i.e., A, B or C).

Four sets of completed labels are provided to be used for labeling extraction vessels and two sets of 50-mL analytical samples. The remaining fourth set may be reserved for replacements as needed.

Instructions for Phase I Validation

On or before June 7, 2010:

1. Prepare 3 test replicates of extracts for the supplied sample material according to the most current versions of Method 1313 and Method 1316[1]. Use the Excel data templates to calculate extract "recipes" and return a completed Excel data template to the Vanderbilt project lead, Andy Garrabrants (A.Garrabrants@vanderbilt.edu) via email. Each method should be conducted as specified in the method draft to the extent possible; however, any necessary deviations should be recorded and a log of deviations returned with the Excel data template.
2. For each test position and QA/QC blank, collect two 50-mL analytical samples in the DigiTubes provided. Preserve each analytical sample with Optima grade (or similar purity) nitric acid to a final concentration of 1% (v/v). Each analytical sample should have a label (prefilled and provided) corresponding to its test position (e.g., T01-T09) and test replicate (e.g, A, B, and C).
3. Return one set test positions and QA/QC blanks in 50-mL DigiTubes for each Method 1313 and Method 1316 to Vanderbilt University for chemical analysis and retain the remaining set of samples onsite at least until the end of Phase I testing.

   Shipments should be sent no later than June 7, 2010 and a completed chain of custody form (provided) should be included. Please ship samples (Monday through Thursday pickup only as Vanderbilt cannot accept Saturday deliveries) to following address:

   Civil & Environmental Engineering
   Vanderbilt University
   c/o Rossane DeLapp
   Jacobs Hall 149
   400 24th Avenue South
   Nashville, TN 37235
   (615) 322-3189

   Please inform the ORCR study lead, Mark Baldwin (Baldwin.Mark@epa.gov), and Vanderbilt lead, Andy Garrabrants (A.Garrabrants@vanderbilt.edu), of your intended ship date so that arrangements may be made to receive the shipment.
4. Complete the method feedback questionnaire for each test method (available at www.vanderbilt.edu/leaching/downloads.html) and return it to Mark Baldwin by email no later than June 7, 2010.

Programmatic and technical questions may be directed to the ORCR lead, Mark Baldwin (Baldwin.Mark@epa.gov, 703-308-0157).

[1] The latest versions of these test methods and data templates may be downloaded at www.vanderbilt.edu/leaching/downloads.html. Although the procedures themselves are not changed in any way, the method drafts dated April 26, 2010 contain minor clarifications to the method which are intended to improve understanding of the method

Arcadis Geraghty and Miller
4915 Prospectus Drive
Durham, NC 27713
(919) 544-4535

CHAIN OF CUSTODY RECORD

Project Description: Phase I Lab Validation for 1313 and 131(Page 1 of 1
Arcadis G&M charge # : RN990271.0007.00001
Responsible EPA Party: Mark Baldwin
Responsible Arcadis Party: Peter Kariher

Sample ID	Date Collected	Sample Description		Number of Containers	Analyses Required	
Method 1313 Solid Material	04/26/10	1 Liter HDPE container of lab validaton material	approximately 1 kg	2	SW-846 Method 1313	
Method 1316 Solid Material	04/26/10	1 Liter HDPE container of lab validaton material	approximately 1 kg	4	SW-846 Method 1316	

Sample ID	Special Instructions

Report results to: Vanderbitl University

(phone) _____

(fax) _____

Samples shipped to: Civil & Environmental Engineering
Vanderbilt University
c/o Rossane DeLapp
Jacobs Hall 149
400 24th Avenue South
Nashville, TN 37235

Samples collected by: Peter H. Kariher
(signature) _____ Date: 4/26/2010

Samples relinquished by: _____
(signature) _____ Date: _____

Samples received by: _____
(signature) _____ Date: _____

Date shipped: 4/26/2010

M01-L01-1313-T01-A	**M01-L01-1313-T01-B**	**M01-L01-1313-T01-C**
M01-L01-1313-T02-A	**M01-L01-1313-T02-B**	**M01-L01-1313-T02-C**
M01-L01-1313-T03-A	**M01-L01-1313-T03-B**	**M01-L01-1313-T03-C**
M01-L01-1313-T04-A	**M01-L01-1313-T04-B**	**M01-L01-1313-T04-C**
M01-L01-1313-T05-A	**M01-L01-1313-T05-B**	**M01-L01-1313-T05-C**
M01-L01-1313-T06-A	**M01-L01-1313-T06-B**	**M01-L01-1313-T06-C**
M01-L01-1313-T07-A	**M01-L01-1313-T07-B**	**M01-L01-1313-T07-C**
M01-L01-1313-T08-A	**M01-L01-1313-T08-B**	**M01-L01-1313-T08-C**
M01-L01-1313-T09-A	**M01-L01-1313-T09-B**	**M01-L01-1313-T09-C**
M01-L01-1313-B01-A	**M01-L01-1313-B01-B**	**M01-L01-1313-B01-C**

Method Feedback Questionnaire

METHOD 1313: Liquid-Solid Partitioning as a Function of Eluate pH using a Parallel Batch Procedure

---

1. Please indicate the amount of time (in professional hours) required to complete the following steps of Method 1313:

Material Preparation (e.g., air drying, particle-size reduction, sieving)	_____ hrs
Pre-test Titration	_____ hrs
Extraction Setup (e.g., solids, water, acid/base additions)	_____ hrs
Eluate Processing (e.g., pH/cond, filtration, analytical prep)	_____ hrs

2. How would you rate the overall usability of Method 1313?

---

3. In total, how much time (in professional hours) was required to process three test replicates of the test material using Method 1313?

---

4. Were the overall goals and instructions provided with the sample material clearly laid out and easy to follow? If not, please suggest specific sections of the method where clarifications could be made.

---

5. Were the procedures in the method draft clearly laid out and easy to follow? If not, please suggest specific sections of the method where clarifications could be made.

6. Was the Excel data template clearly laid out and easy to follow? If not, please suggest specific sections of the data template where clarifications could be made.

7. In preparing solid samples for the method, what difficulties (if any) were encountered? How were these difficulties overcome?

8. While defining the pre-test titration curve, what difficulties (if any) were encountered? How were these difficulties overcome?

9. When using the Excel data template sheets, what difficulties (if any) were encountered? How were these difficulties overcome?

10. What difficulties (if any) did you encounter with acquiring or operating the required equipment?

11. How much time did it take technical personnel to become familiar with the method?

12. Please provide any general feedback (e.g., comments, edits, questions, software glitches, or concerns) below. Include any suggested modifications to the test procedure, the Excel data template or to the method draft.

Method Feedback Questionnaire

METHOD 1316: Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio using a Parallel Batch Procedure

---

1. Please indicate the amount of time (in professional hours) required to complete the following steps of Method 1316:

Material Preparation (e.g., air drying, particle-size reduction, sieving)	_____ hrs
Extraction Setup (e.g., solids, water, acid/base additions)	_____ hrs
Eluate Processing (e.g., pH/cond, filtration, analytical prep)	_____ hrs

2. How would you rate the overall usability of Method 1316?

---

3. In total, how much time (in professional hours) was required to process three test replicates of the test material using Method 1316?

---

4. Were the overall goals and instructions provided with the sample material clearly laid out and easy to follow? If not, please suggest specific sections of the method where clarifications could be made.

---

5. Were the procedures in the method draft clearly laid out and easy to follow? If not, please suggest specific sections of the method where clarifications could be made.

6. Was the Excel data template clearly laid out and easy to follow? If not, please suggest specific sections of the data template where clarifications could be made.

7. In preparing solid samples for the method, what difficulties (if any) were encountered? How were these difficulties overcome?

8. When using the Excel data template sheets, what difficulties (if any) were encountered? How were these difficulties overcome?

9. What difficulties (if any) did you encounter with acquiring or operating the required equipment?

10. How much time did it take technical personnel to become familiar with the method?

11. Please provide any general feedback (e.g., comments, edits, questions, software glitches, or concerns) below. Include any suggested modifications to the test procedure, the Excel data template or to the method draft.

Appendix D. Blank Analysis and Data Filtering

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Blank Analysis and Data Filtering

During chemical analysis of preserved eluates for Method 1314 and Method 1315, several method blanks (e.g., samples of eluates representing test runs conducted with all reagents and procedures but without the subject material) showed significant concentrations of some analytes. These method blank signatures were concluded to indicate some degree of external contamination which could have influenced the test results and possibly the method precision results. Therefore, the process used for filtering data based on method blank information was adopted from the Method 1313 and Method 1316 validation report (Garrabrants et al., 2012) for these data. In that approach, filtering or removing an eluate concentration from the statistical analysis was considered when either (i) known or suspected errors in performing the method or in following the validation study instructions, or (ii) interpretation of the blank concentrations and their effect on eluate concentrations.

METHOD 1314 METHOD BLANKS AND DATA FILTERING

Method 1314 specifies that one method blank should be collected, preserved for analysis and interpreted as support that measured concentrations in the method test are not influenced by external sources of contamination. This method blank is labeled "B01" and is a collected sample of the influent water introduced to the column. As with all other eluate solutions, the method blank was preserved prior to chemical analysis by ICP-OES by the addition of Optima grade nitric acid to a final concentration of 1% (v/v).

Method Blank Analysis

An algorithm was developed to filter (remove) data from the data set if the concentration of an analyte in the corresponding blank was greater than 20% of the measured concentration in the test method eluate. This data filtering assessment was conducted to avoid confounding statistical analysis of the test results in analytical solutions where background contamination (e.g., through reagent water or acid/base reagents) represents a significant portion of the measured concentration.

As an initial screen, method blank concentrations for the selected analytes used in estimate precision (see Table 5 in the report text) were compared to ICP-OES QA/QC values and the minimum measured concentration in preserved eluates. The method blank concentrations of selected analytes for each Method 1314 study material are shown in Figure 1 for the CFS material and in Figure 2 for the JaFS material. In each panel, method blank concentrations are presented in comparison to the ICP-OES method detection limit (MDL) and minimum level of quantitation (ML).

The following are observations from the Method 1314 Method Blank analysis:

- The concentration of analytes in the method blanks for most laboratories were reported as non-detectable (i.e., below the MDL value) or non-quantifiable (i.e., between MDL and ML values). Therefore, blank concentrations that did not pass minimum analytical QA/QC criteria were considered insignificant.
- When analyte concentrations were detected above the ML value, the minimum measured concentration for each analyte was plotted in the panels of Figure 1 and Figure 2 as a point of comparison.

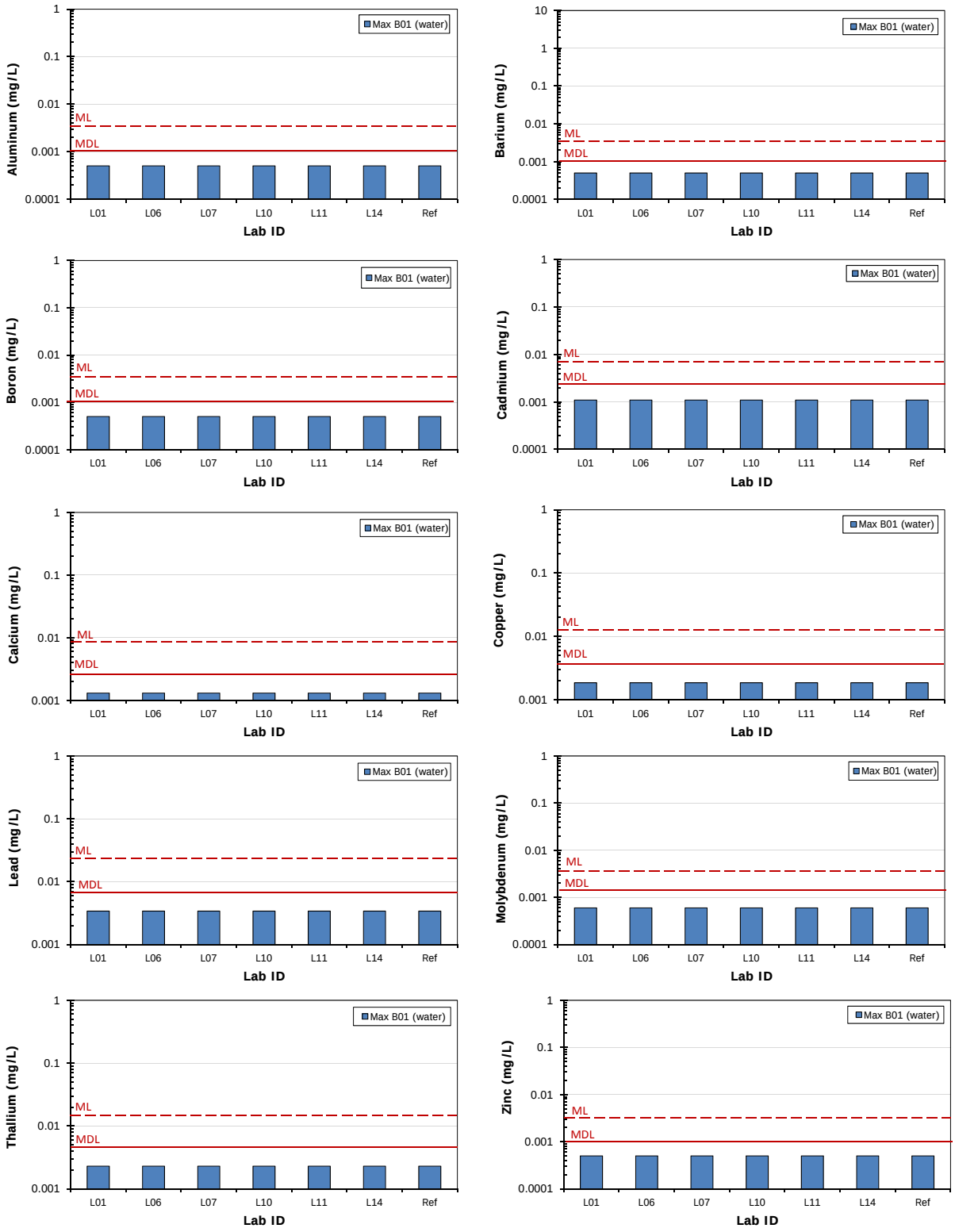

Figure 1. Maximum method blank concentrations for Method 1314 CFS material. Note: All solutions were preserved for chemical analysis with Optima grade nitric acid at 1% (v/v)**.**

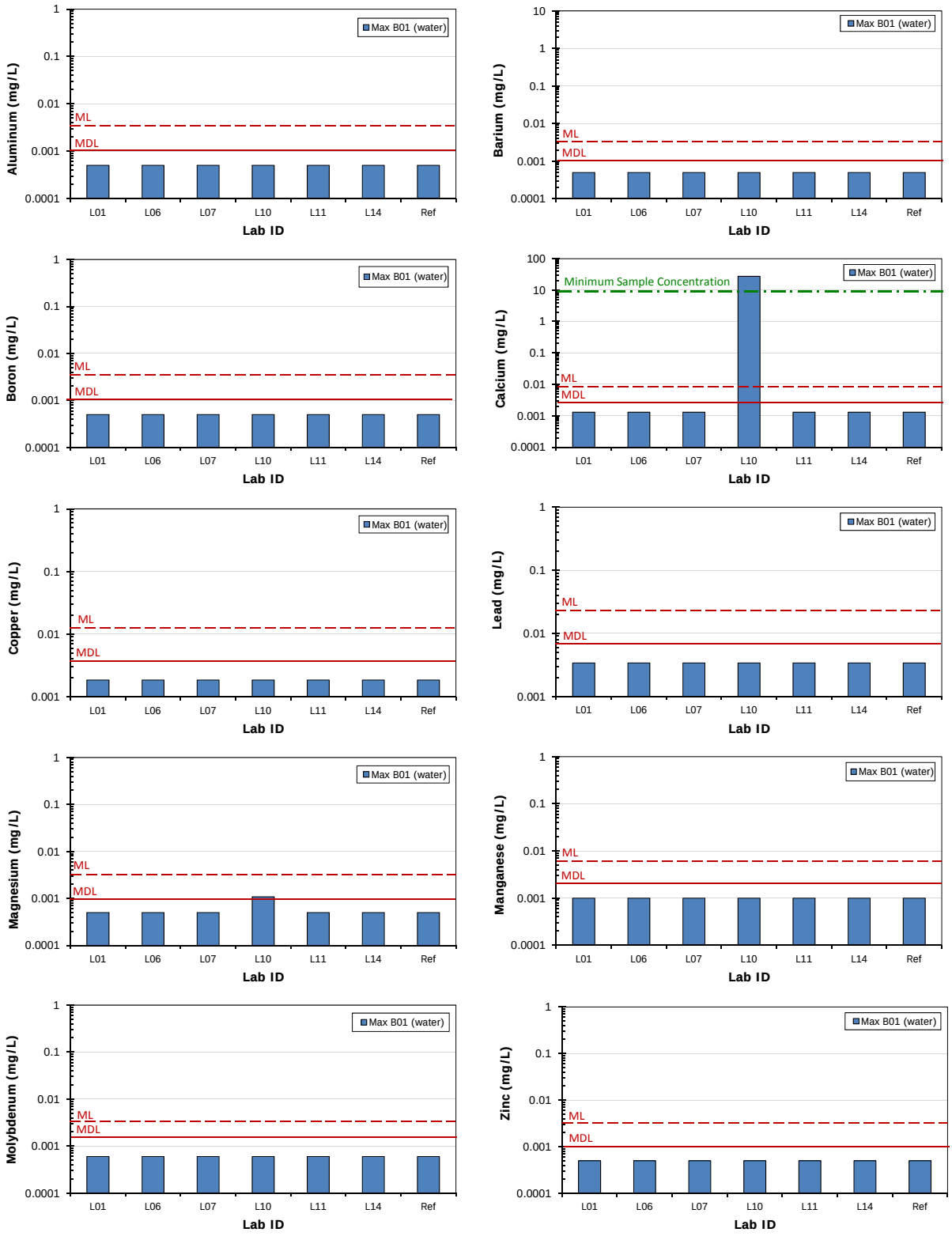

Figure 2. Maximum method blank concentrations for Method 1314 JaFS material. Note: All solutions were preserved for chemical analysis with Optima grade nitric acid at 1% (v/v)**.**

The method blank analysis for Method 1314 testing of the CFS material (Figure 1) showed no quantifiable concentrations of any of the ten validation analytes. Therefore, no eluate concentration assessment was conducted. The Method 1314 blanks for JaFS material, presented in Figure 2, indicated that only calcium in the L10 method blank was quantifiable at a high value of 27 mg/L. Discussions with L10 technical contacts indicated that the high concentration of calcium in the method blank was due to 1 mM $CaCl_2$ solution being used as a test eluent. Therefore, calcium results for L10 were considered potential candidates for "filtration for cause."

Filtering for Cause

When interferences due to procedural mistakes or laboratory practices are identified, data may be filtered for cause. Often, these interferences are not shown directly through blank analysis, but are identified by reviewing the collected data as a whole and through analysis of measured concentrations over the spectrum on ICP-OES analytes. The high calcium concentrations in L10 method blanks were known to be due to the use of 1 mM $CaCl_2$ solution as an eluent. All other validation laboratories used deionized water as a Method 1314 eluent. Although Method 1314 states that 1 mM $CaCl_2$ may be used for testing of materials with high organic content or high clay content in order to minimize the effects of organic carbon dissolution or clay layer deflocculation, it was not intended for use during the Method 1314 validation and probably would not be appropriate for the JaFS brass foundry sand. While not strictly a mistake, notable differences in results between the $CaCl_2$ eluent and deionized water eluent could potentially influence the validation results and further investigation into the effect of 1 mM $CaCl_2$ eluent was warranted.

Effect of $CaCl_2$ Eluent on Constituent Concentrations

Figure 3 shows the comparison between the statistical analysis for deionized water test results and L10 test results. The figure indicates that, for most of the analytes used in the validation of JaFS Method 1314, no statistical difference between the data sets is apparent. Minor differences in eluate concentration for Al, Ca and Mg are evident at high L/S; however, these differences are not considered to be significant enough to change the outcome of the validation study.

Effect of Data Filtering L10 Calcium Results on Statistical Analysis

The overall effect of filtering L10 calcium results from the data set on the number of observations available for statistical analysis is shown in Table 1 by target ΣL/S (and test position label) and in Table 2 by analyte. These tables provide a summary of filtered values including the number of observations used in statistical analysis for each analyte and each target pH value.

Table 1. Data Point Summary by ΣL/S after Blank Filtering and Filtering for Cause.

ΣL/S (ml/g-dry) Test Position	0.2 T01	0.5 T02	1.0 T03	1.5 T04	2.0 T05	4.5 T06	5.0 T07	9.5 T08	10.0 T09
Collected	24	24	24	24	24	24	24	24	24
Filtered	3	3	3	3	3	3	3	3	3
Used in Analysis	21	21	21	21	21	21	21	21	21

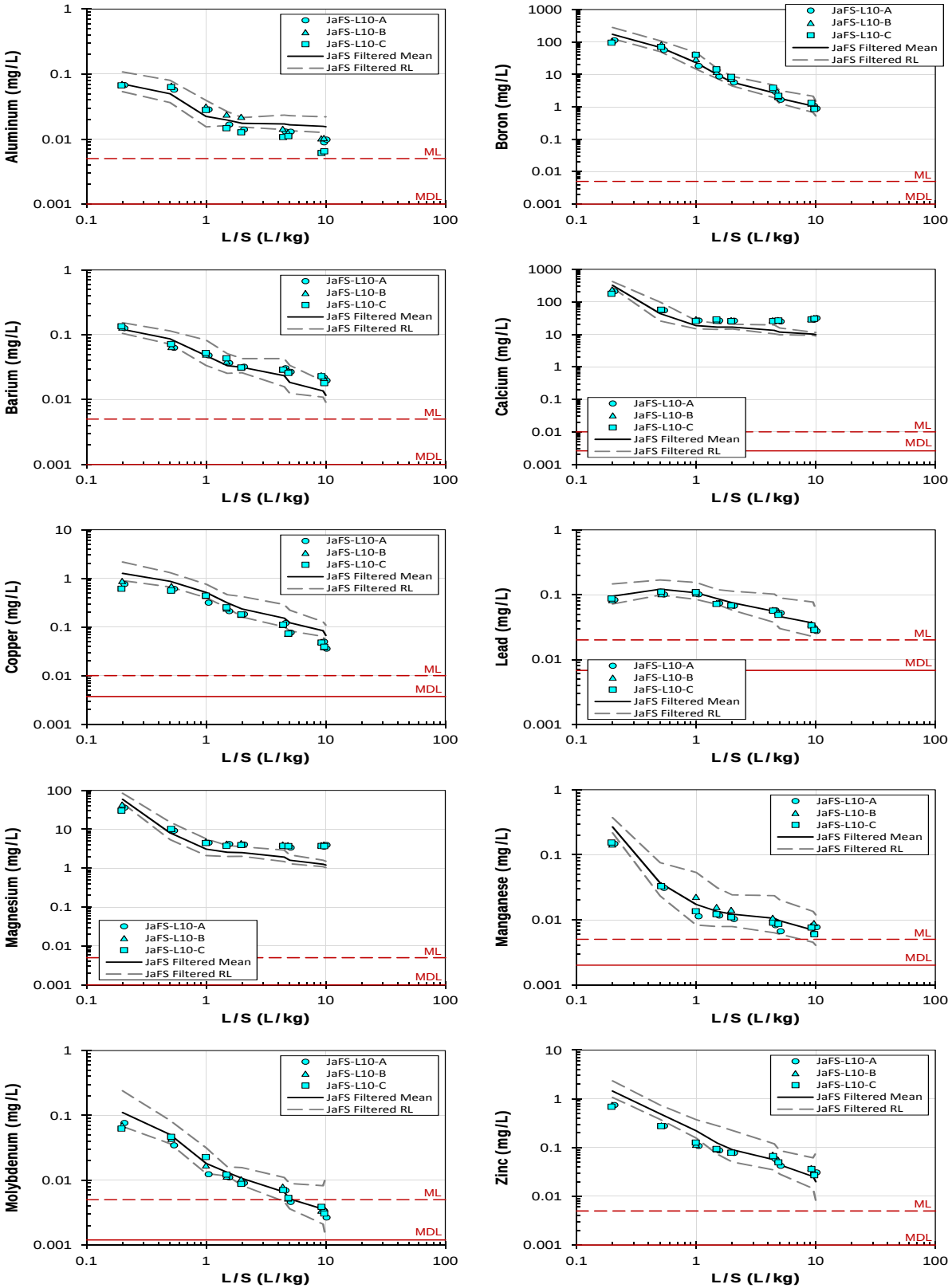

Figure 3. Comparison of Method 1314 conducted with 1 mM $CaCl_2$ eluent to Method 1314 statistics (mean and reproducibility limit intervals) from a filtered data set with L10 data removed.

Table 2. Data Point Summary by Analyte after Blank Filtering and Filtering for Cause.

By Analyte	Al	B	Ba	Ca	Cu	Mg	Mn	Mo	Pb	Zn
Collected	216	216	216	216	216	216	216	216	216	216
Filtered	0	0	0	3	0	0	0	0	0	0
Used in Analysis	216	216	216	213	216	216	216	216	216	216

Subsequent to data filtering, statistical analysis was carried out on both unfiltered and filtered data to determine the impact of data filtering on final results and conclusions. The impact of the overall effect of filtering data is illustrated in Figure 4 by comparing median-based 95% robust confidence limit statistics between the collected data including L10 Ca and the filtered data set with L10 Ca removed.

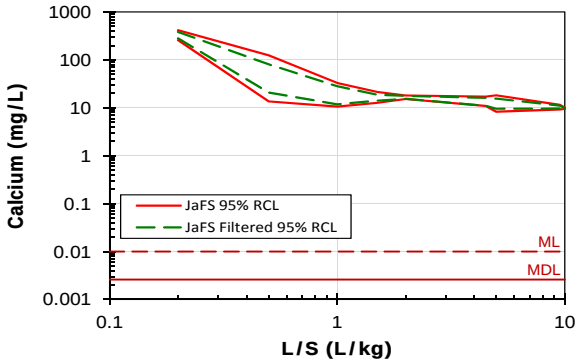

Figure 4. 95% robust confidence limits (RCLs) for the Method 1314 of JaFS material including all collected data (red solid line) and with filtering of L10 data (green dashed line).

This comparison in Figure 4 indicates that removal of a triplicate analysis from one laboratory from the validation study has only a minor effect on statistical analysis and is unlikely to change the outcomes of the validation study. Therefore, in light of the significant effort required to filter the collected data into a filtered data set, no filtration for cause was conducted for Method 1314 validation data.

Method 1314 Filtration Summary

Based on the above analyses, the final filtration scheme for Method 1314 data (Table 3) indicated that no data was filtered due to method blank analysis or filtered for cause. All collected data was used in the statistical analysis for validation of Method 1314.

Table 3. Final Filtered Data for Method 1314 Statistical Analysis.

Material	Filtered Data
CFS	None
JaFS	None

METHOD 1315 METHOD BLANK ANALYSIS AND DATA FILTERING

In Method 1315, the test material is contacted only with reagent water over a series of batch-type leaching steps with periodic renewal of the leaching solution. Method blanks include a series of nine eluate fractions collected by running the test using an empty holder (i.e., no solid material), but with all other normal equipment and reagents.

Method Blank Analysis

According to Method 1315, a series of nine method blanks are collected – one method blank corresponding to each of nine test fractions of Method 1315. This implies there is a one-to-one relationship between an eluate fraction and its associated method blank. Method blank analysis is conducted on eluate concentrations before calculation of interval flux or cumulative release which are considered Method 1315 outputs.

As with the Method 1314 blank analysis, screening of method blank concentrations against QA/QC values, shown Figure 5 for the SWA monolithic material and in Figure 6 for the CFS compacted granular material, indicate which method blanks resulted in quantifiable concentrations. Both of these figures show that of the ten selected analytes used in the method validation, only calcium and potassium were found in method blanks at levels above the ML value. Quantifiable concentrations of calcium and potassium were found in most if not all method blanks for both materials.

Data Filtering due to Method Blanks

When eluate concentrations for calcium and potassium were compared their corresponding method blanks for each test fraction, no eluates were flagged as having an associate method blank concentration that was 20% or more of the eluate concentration. Therefore, no filtering of the data due to method blank analysis was required.

Data Filtering for Cause

For Method 1315 testing of SWA and CFS materials, no known sources of interference were identified; therefore, no data required filtering for cause.

Method 1315 Filtering Summary

Based on the above analyses, the final filtration scheme for Method 1315 data is shown in Table 4 showing that no data was filtered due to method blank analysis or filtered for cause.

Table 4. Final Filtered Data for Method 1315 Statistical Analysis.

Material	Filtered Data
SWA	None
CFS	None

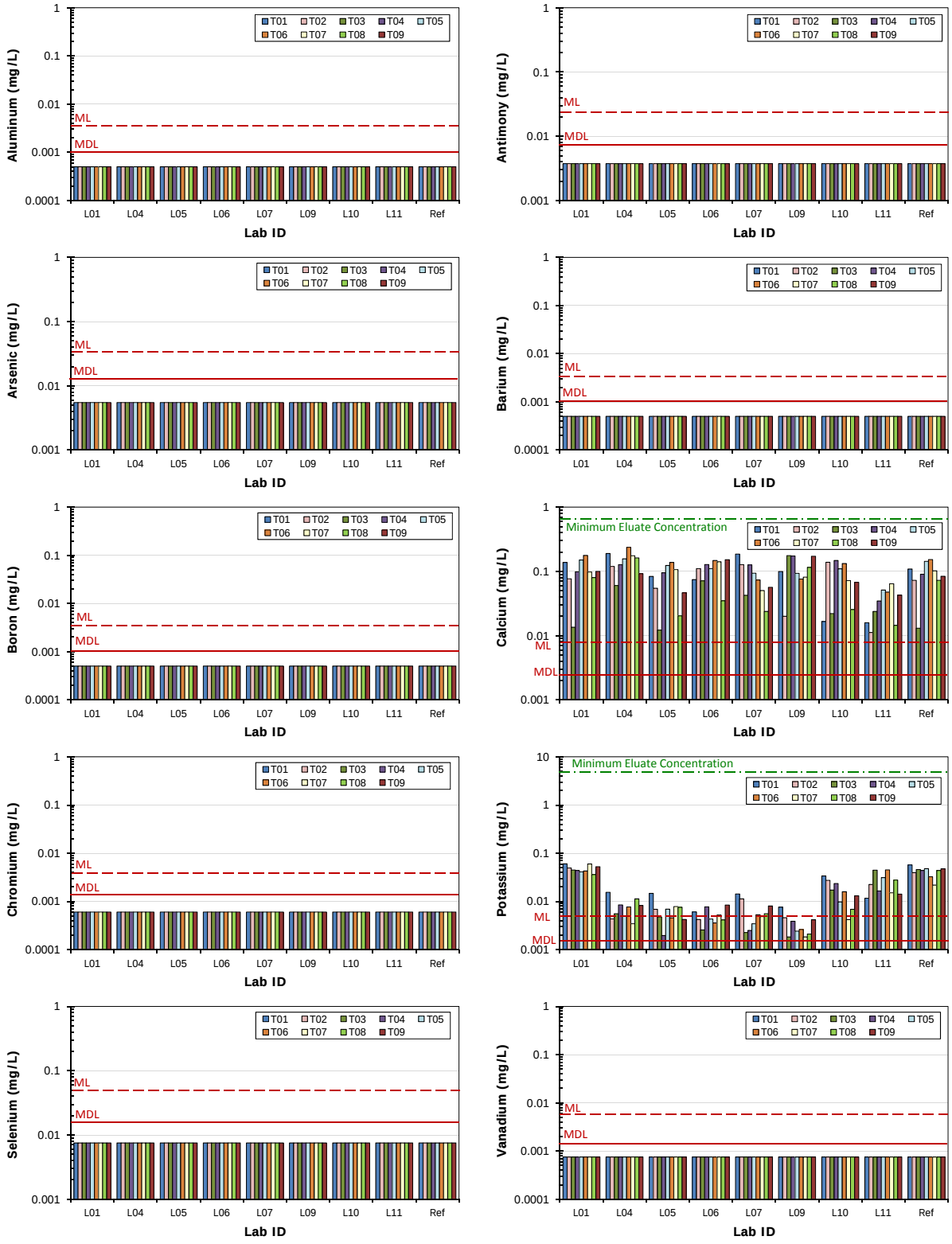

Figure 5. Method blank concentrations for Method 1315 SWA material. Note: All solutions were preserved for chemical analysis with Optima grade nitric acid at 1% (v/v)**.**

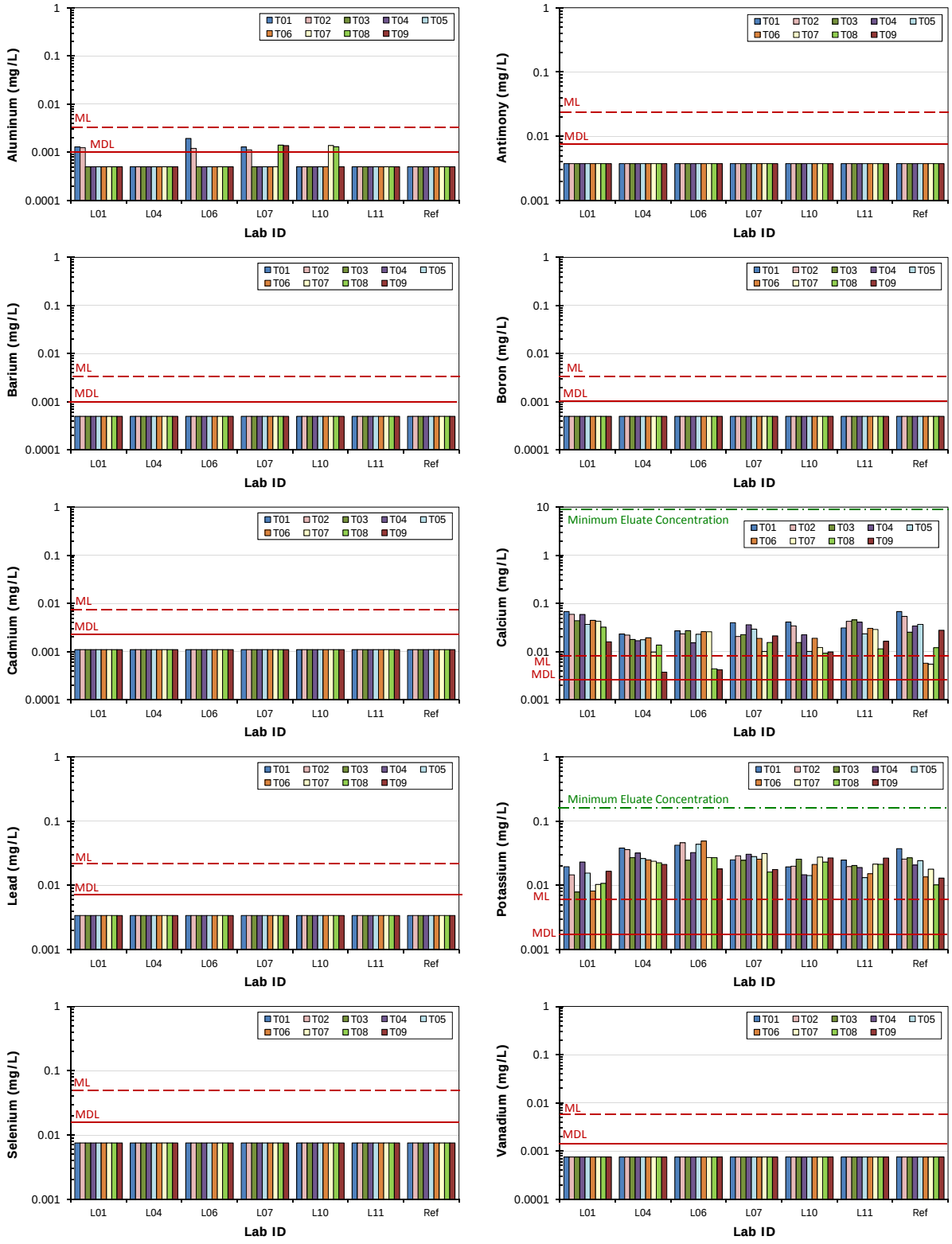

Figure 6. Method blank concentrations for Method 1315 CFS material. Note: All solutions were preserved for chemical analysis with Optima grade nitric acid at 1% (v/v)**.**

Appendix E. Method 1314 Results and Precision Estimates

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Collected Concentration Data
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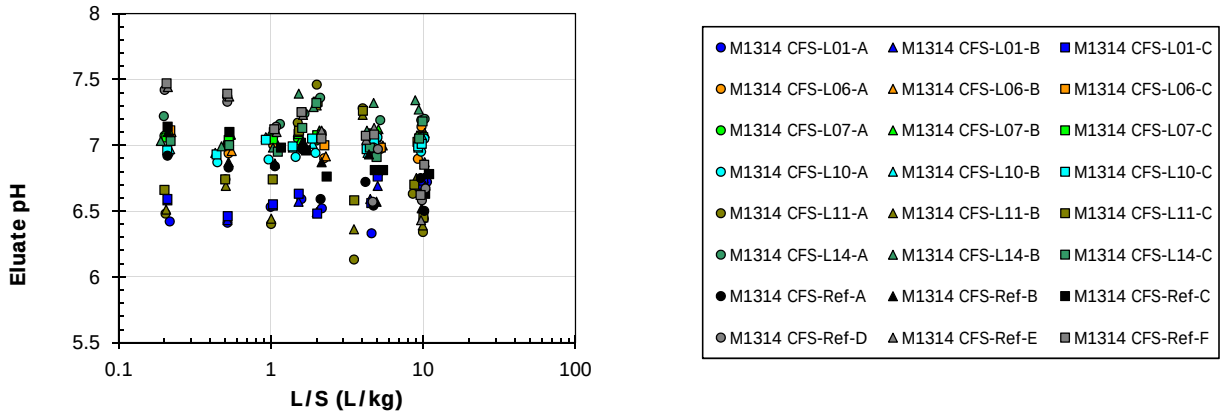

Figure 1. Method 1314 eluate pH for material CFS.

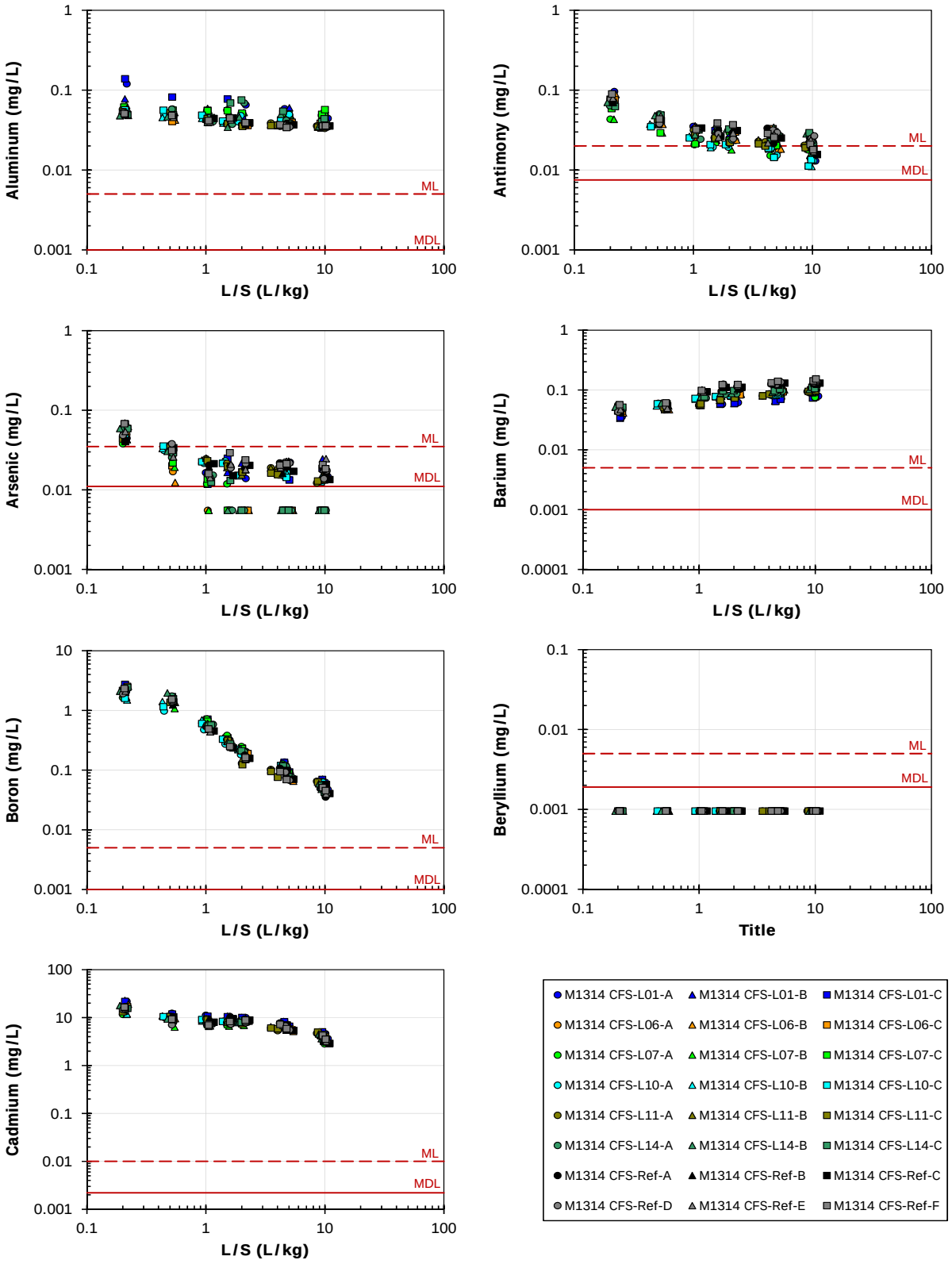

Figure 2. Method 1314 eluate concentrations for material CFS measured by ICP-OES.

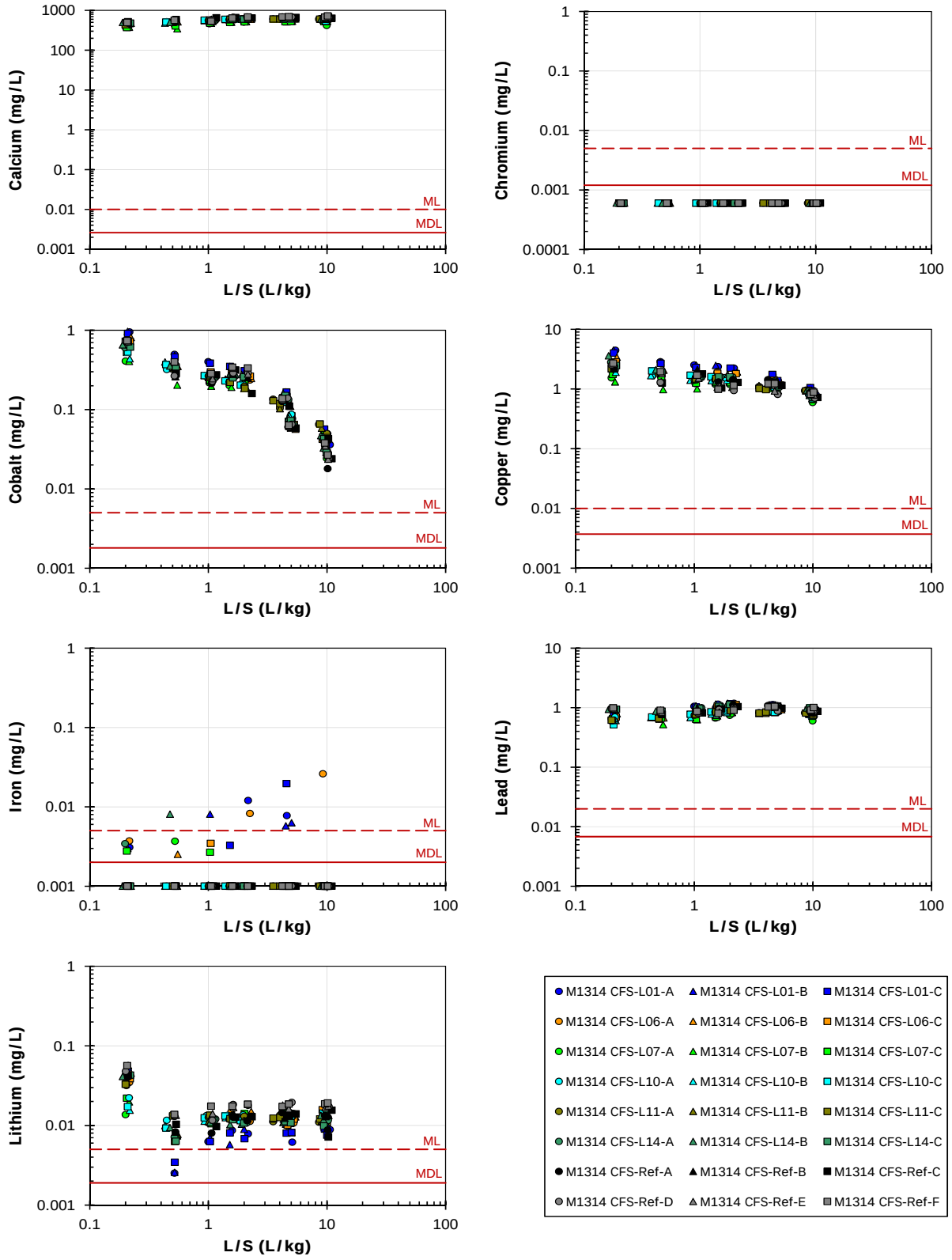

Figure 3. Method 1314 eluate concentrations for material CFS measured by ICP-OES.

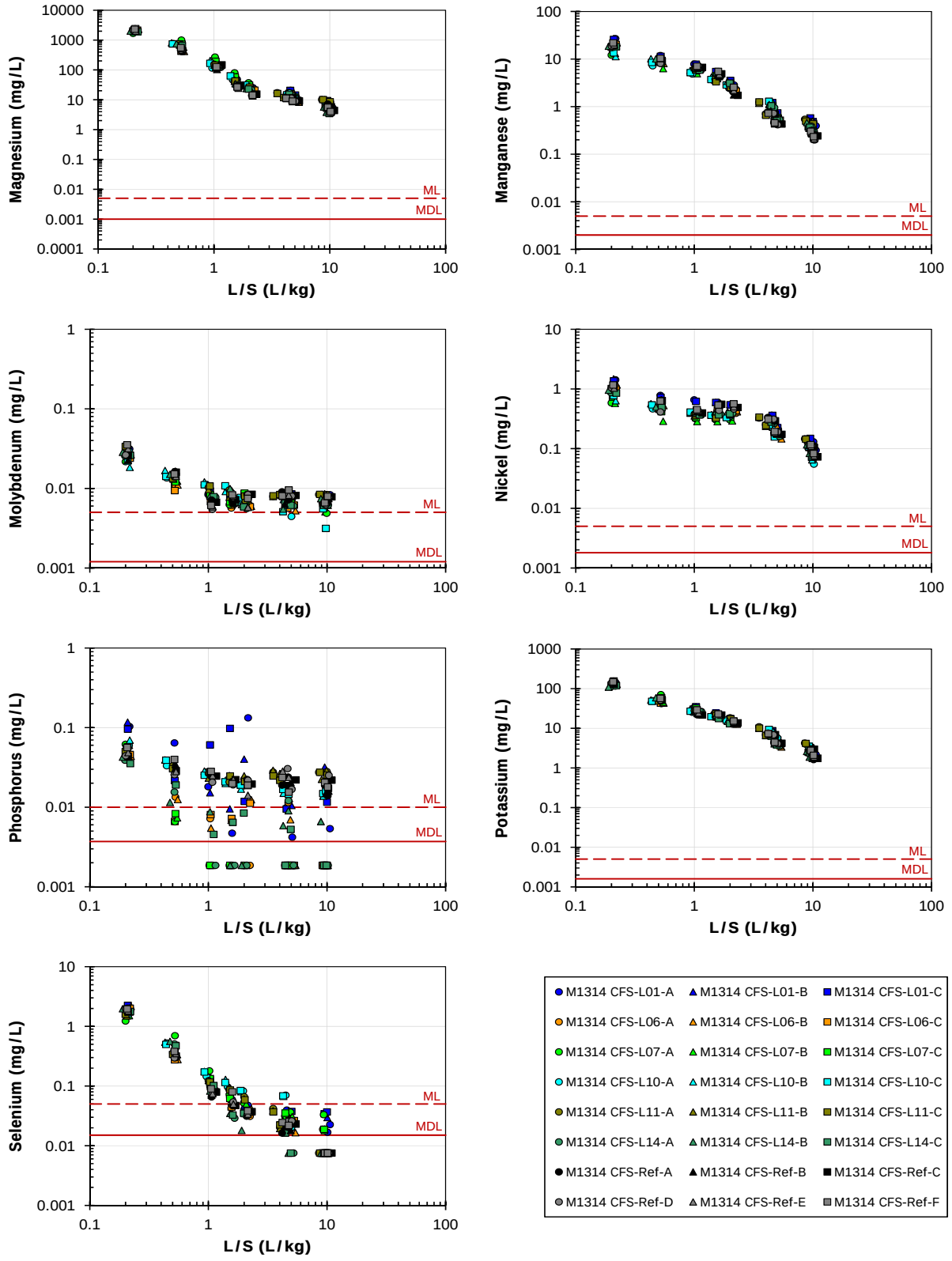

Figure 4. Method 1314 eluate concentrations for material CFS measured by ICP-OES.

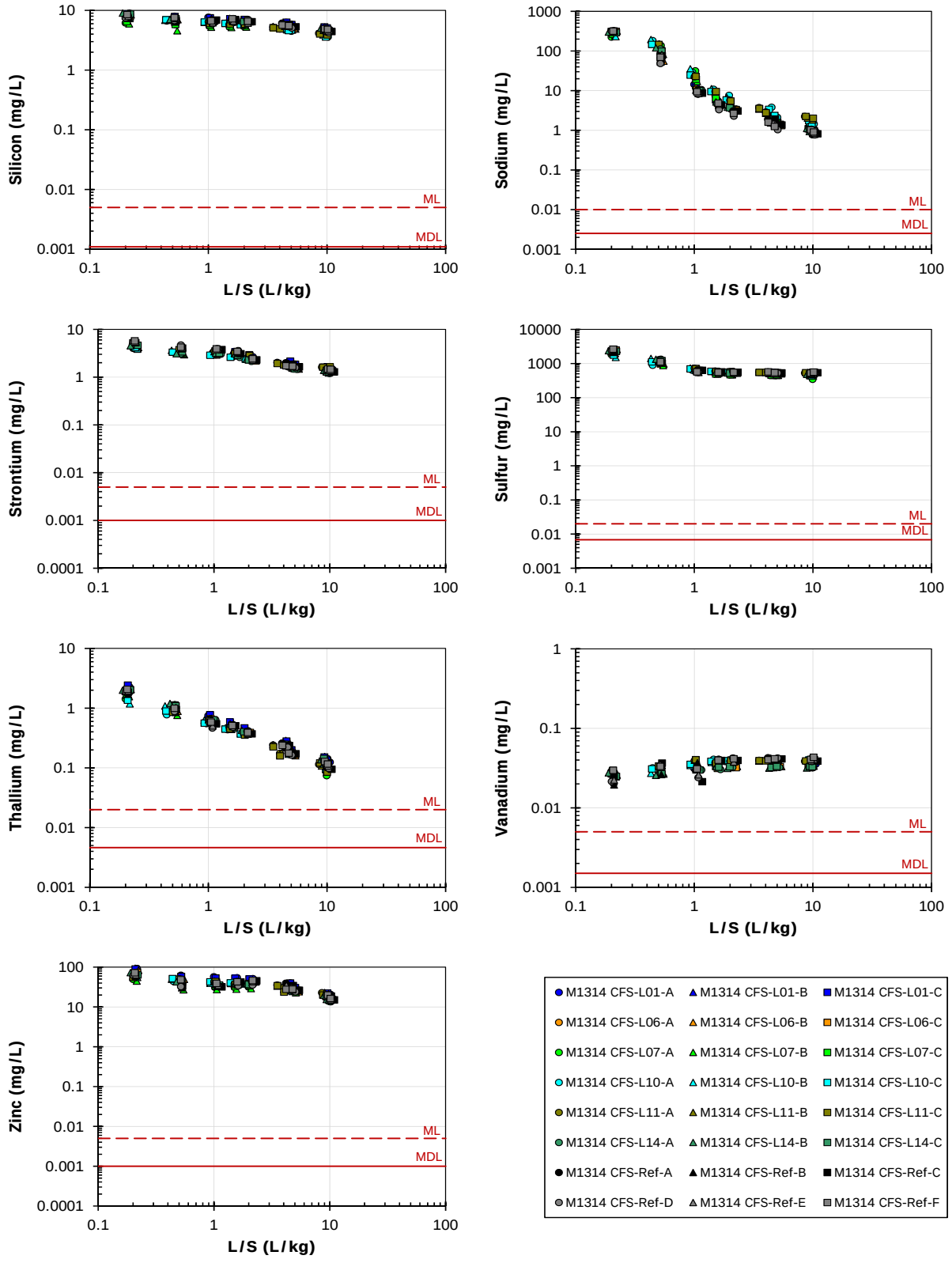

Figure 5. Method 1314 eluate concentrations for material CFS measured by ICP-OES.

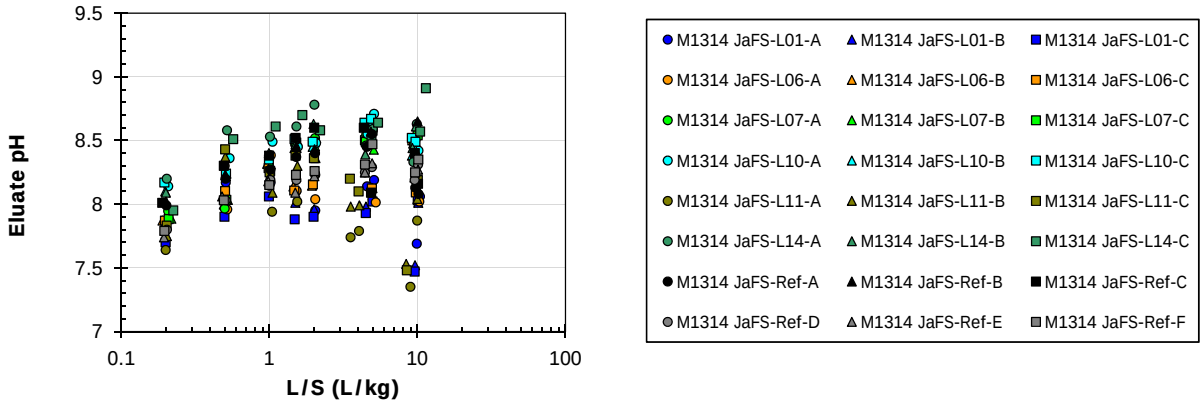

Figure 6. Method 1314 eluate pH for material JaFS.

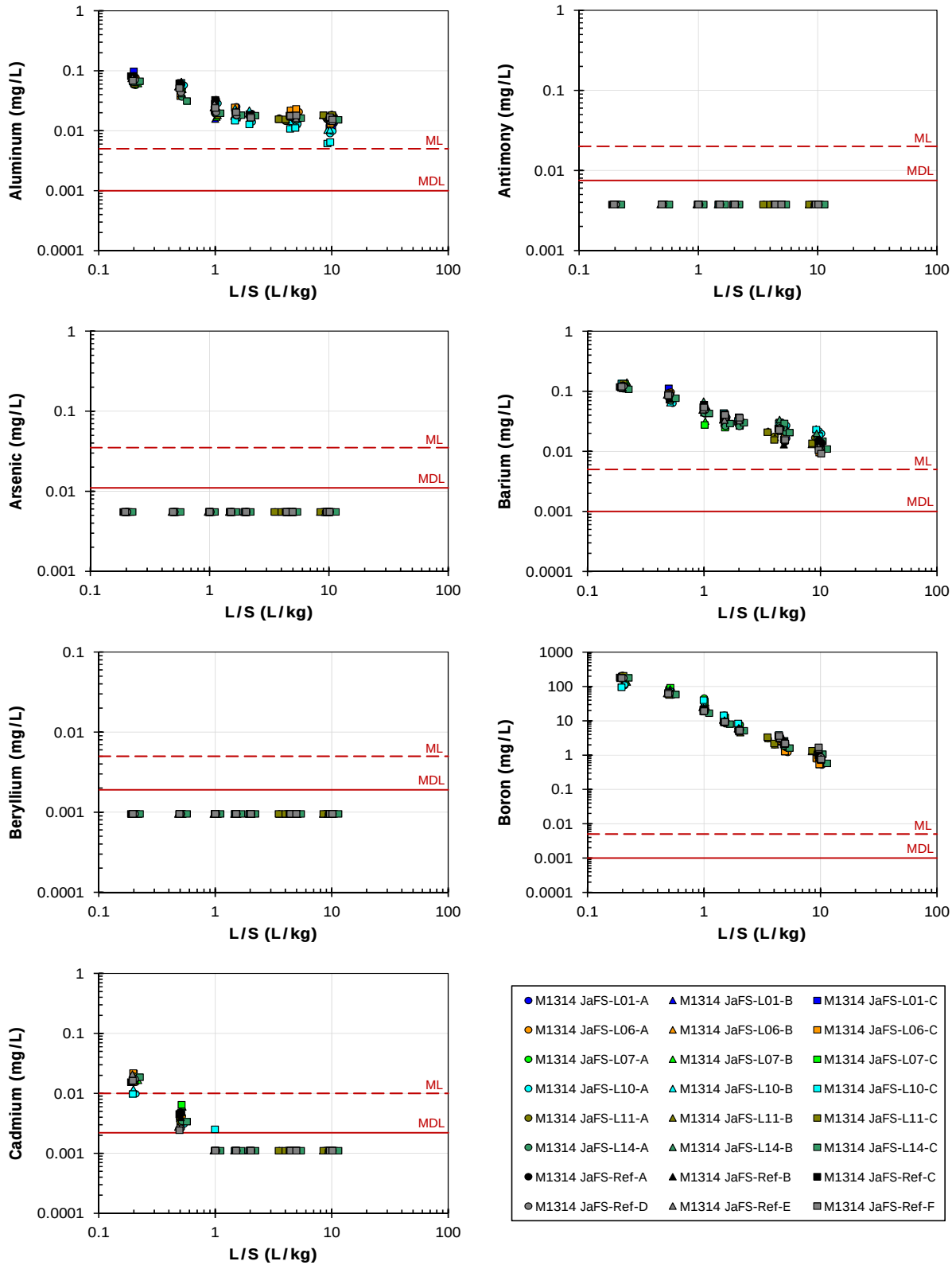

Figure 7. Method 1314 eluate concentrations for material JaFS measured by ICP-OES.

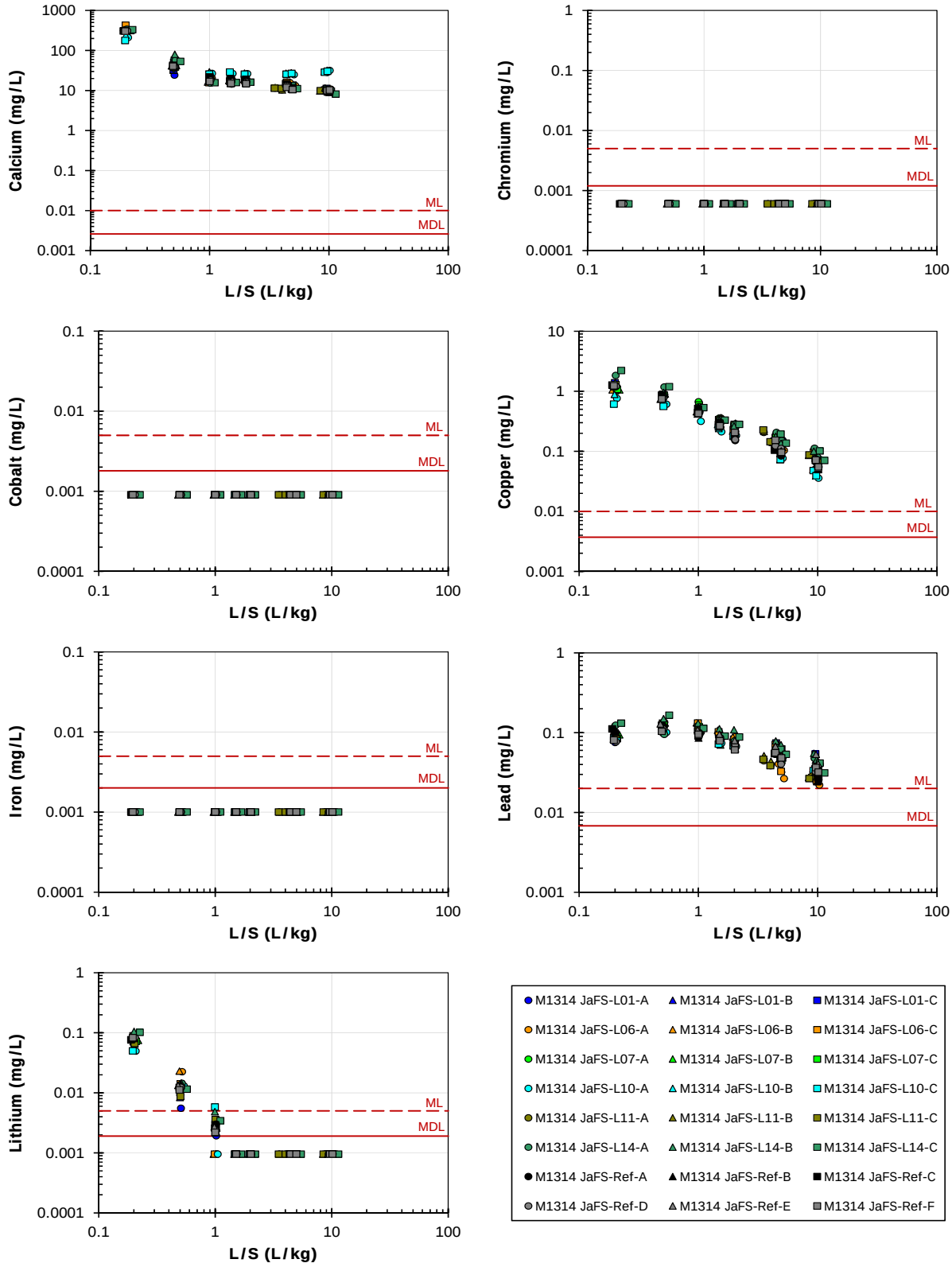

Figure 8. Method 1314 eluate concentrations for material JaFS measured by ICP-OES.

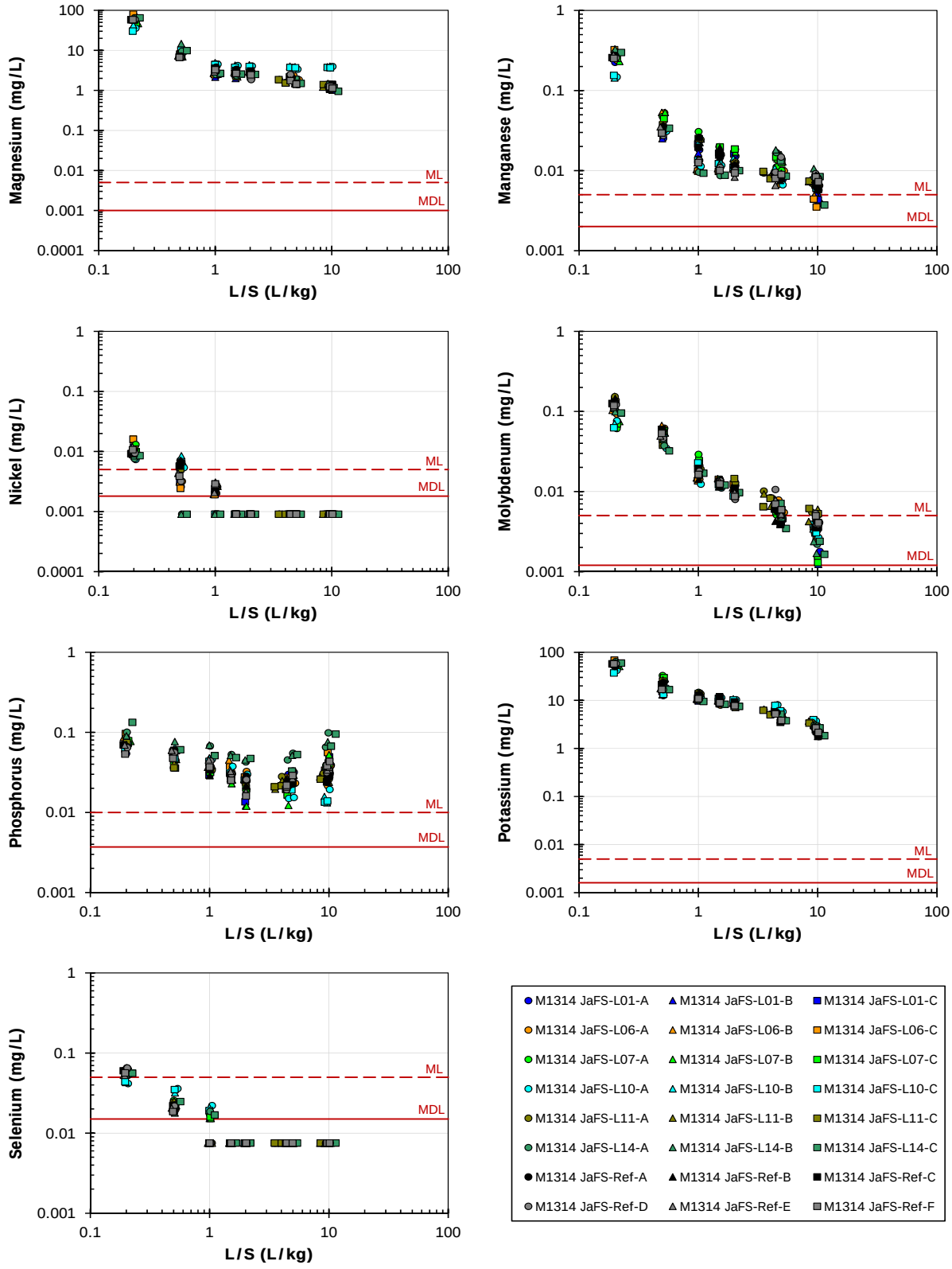

Figure 9. Method 1314 eluate concentrations for material JaFS measured by ICP-OES.

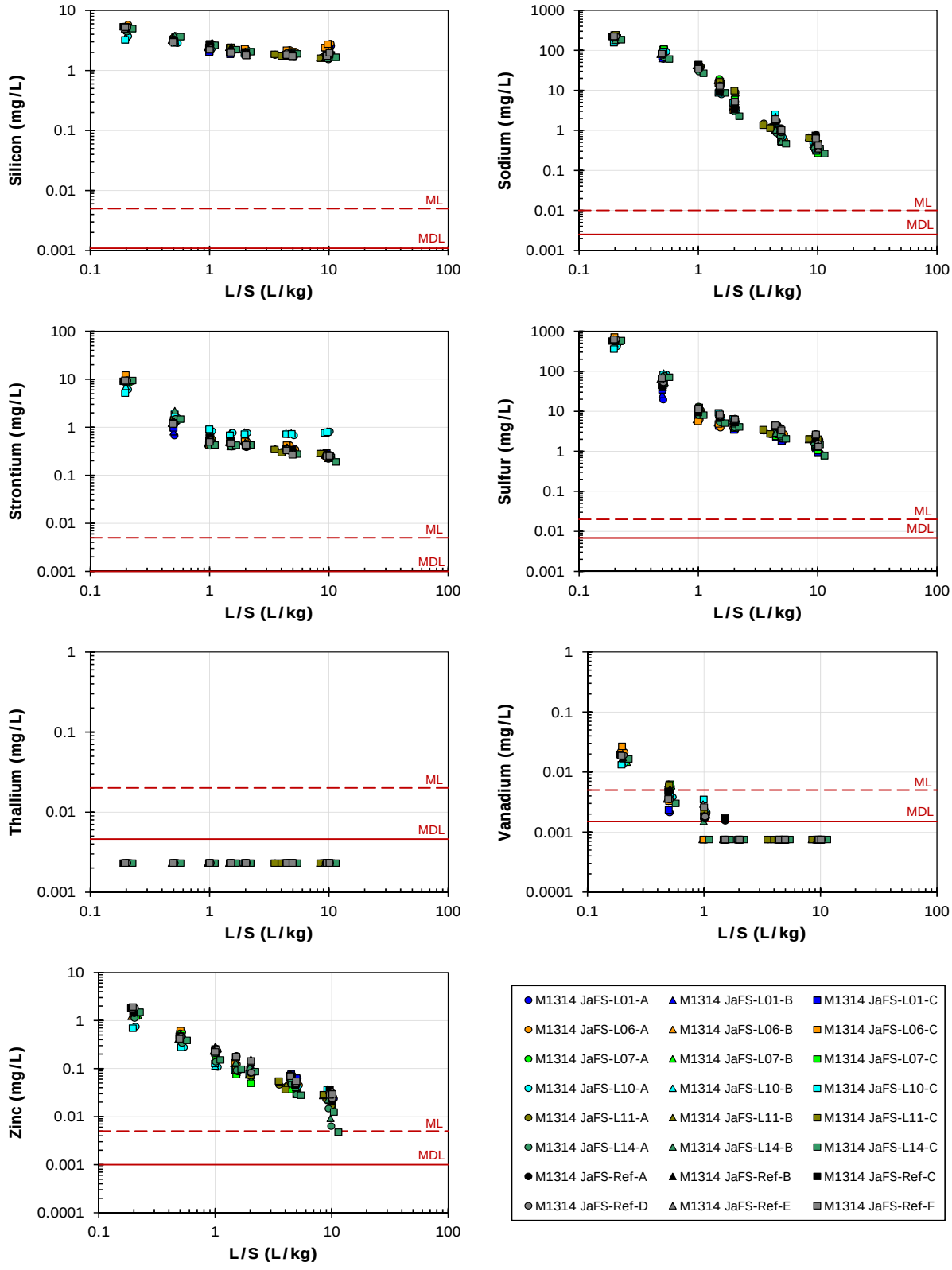

Figure 10. Method 1314 eluate concentrations for material JaFS measured by ICP-OES.

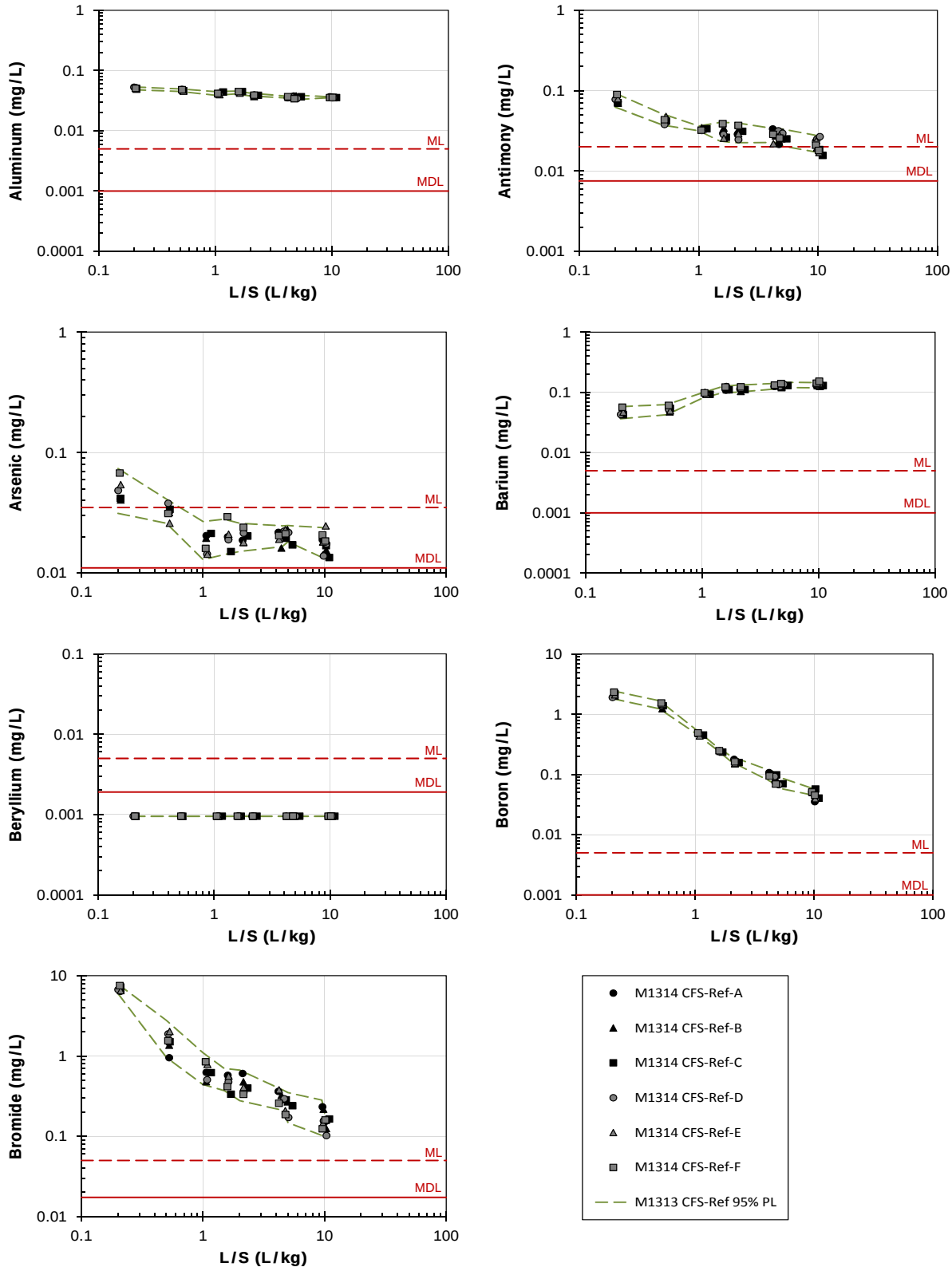

Figure 11. Method 1314 results for reference laboratory testing of CFS material compared to 95% prediction limits.

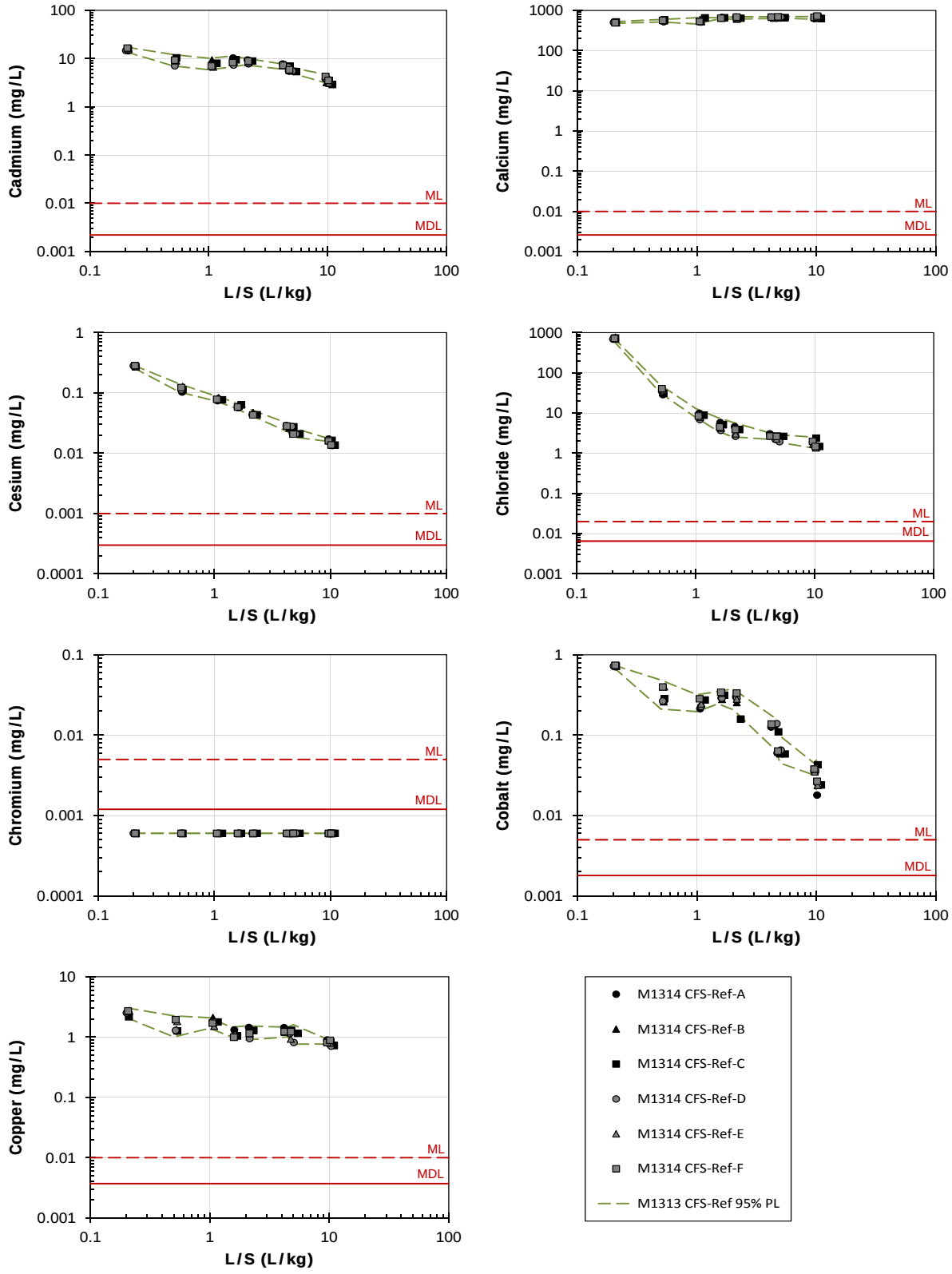

Figure 12. Method 1314 results for reference laboratory testing of CFS material compared to 95% prediction limits.

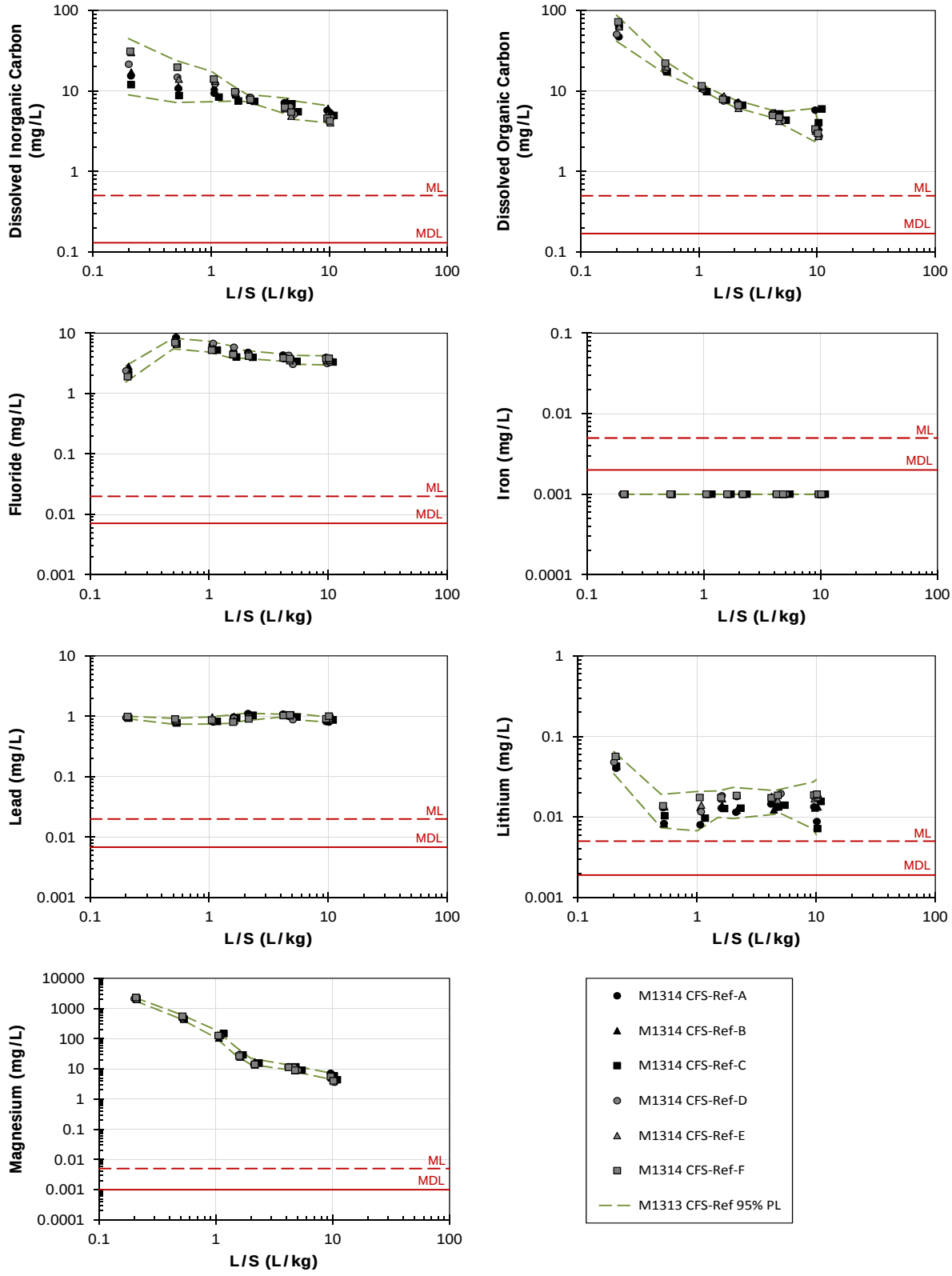

Figure 13. Method 1314 results for reference laboratory testing of CFS material compared to 95% prediction limits.

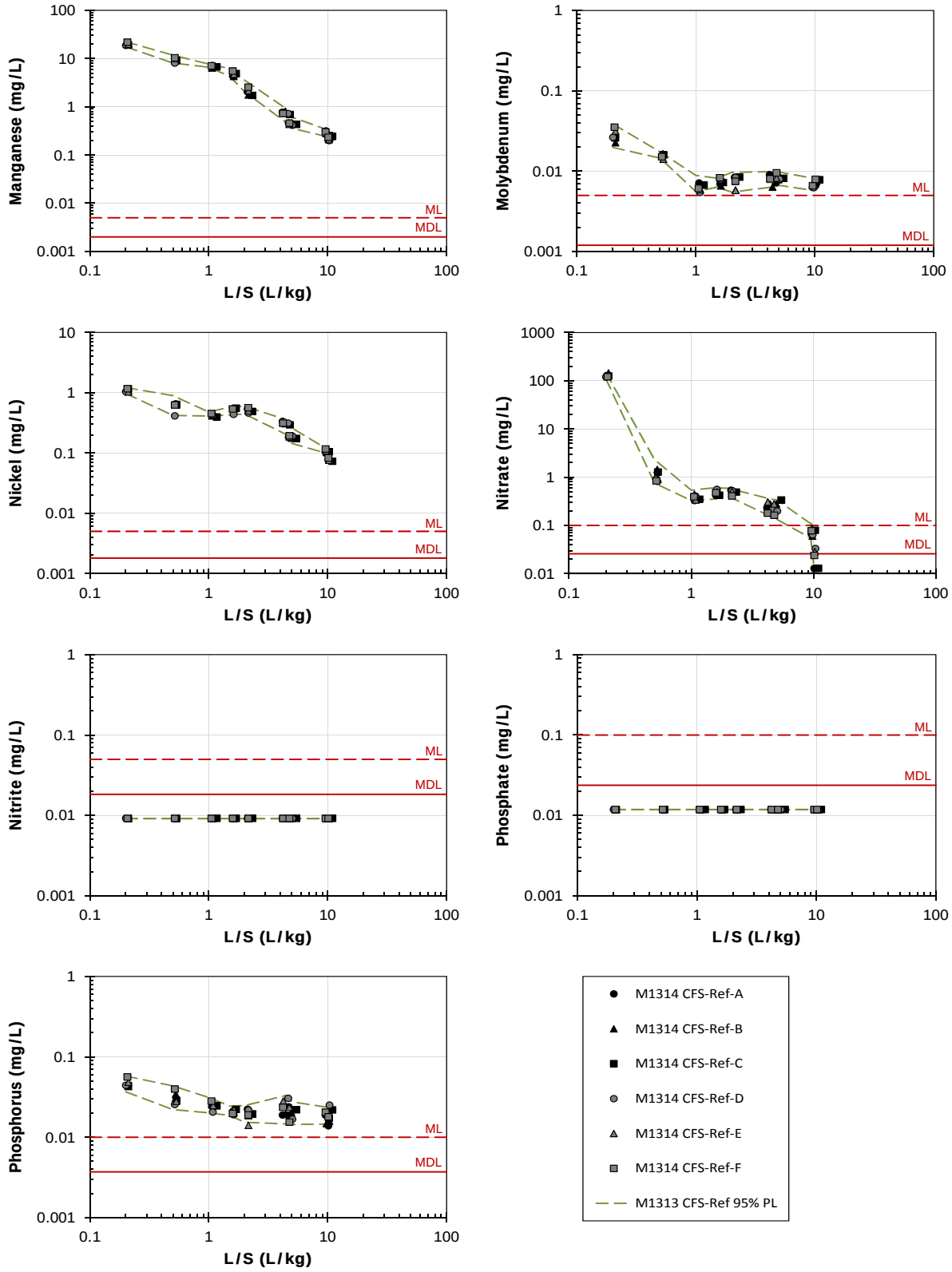

Figure 14. Method 1314 results for reference laboratory testing of CFS material compared to 95% prediction limits.

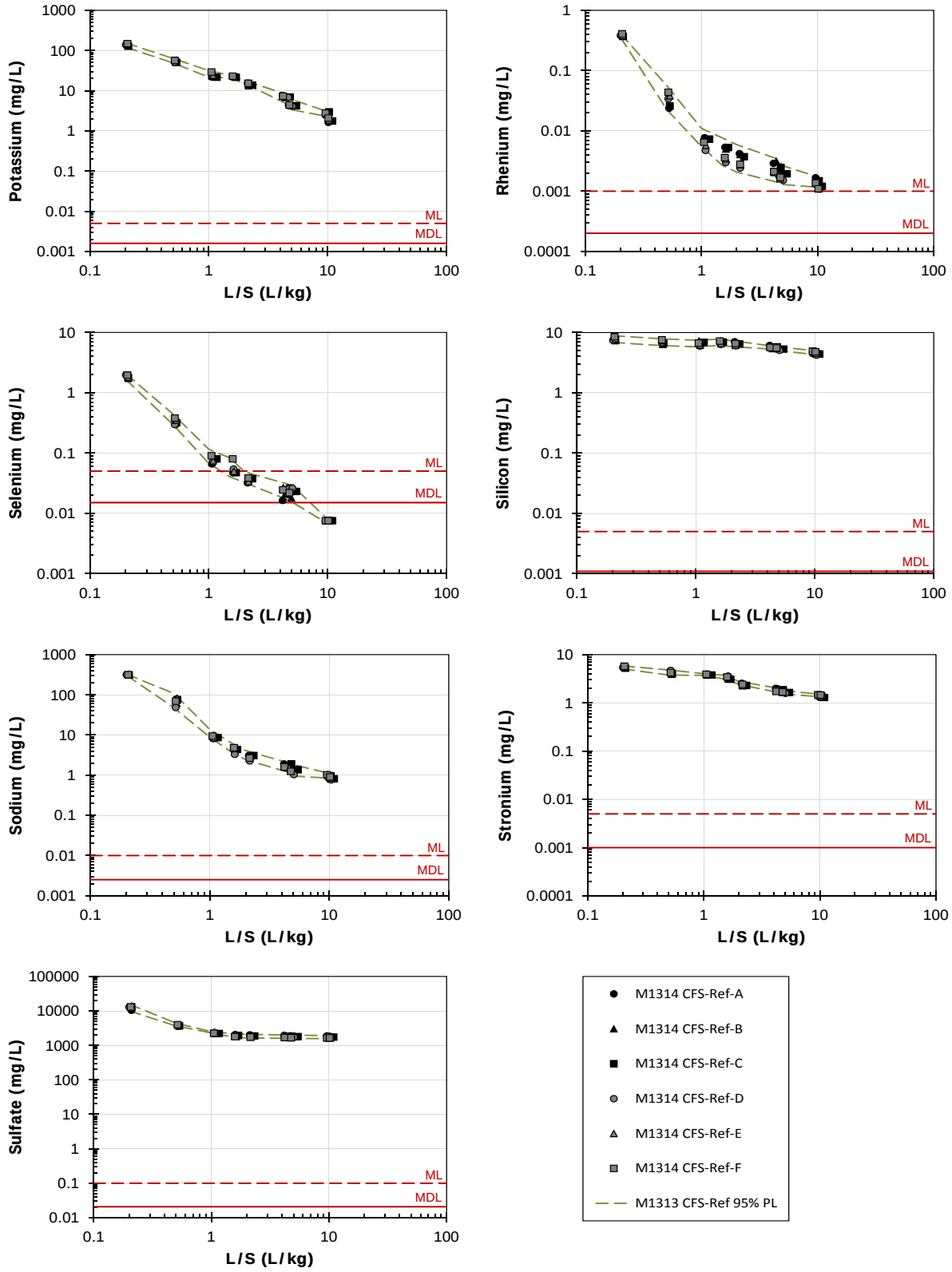

Figure 15. Method 1314 results for reference laboratory testing of CFS material compared to 95% prediction limits.

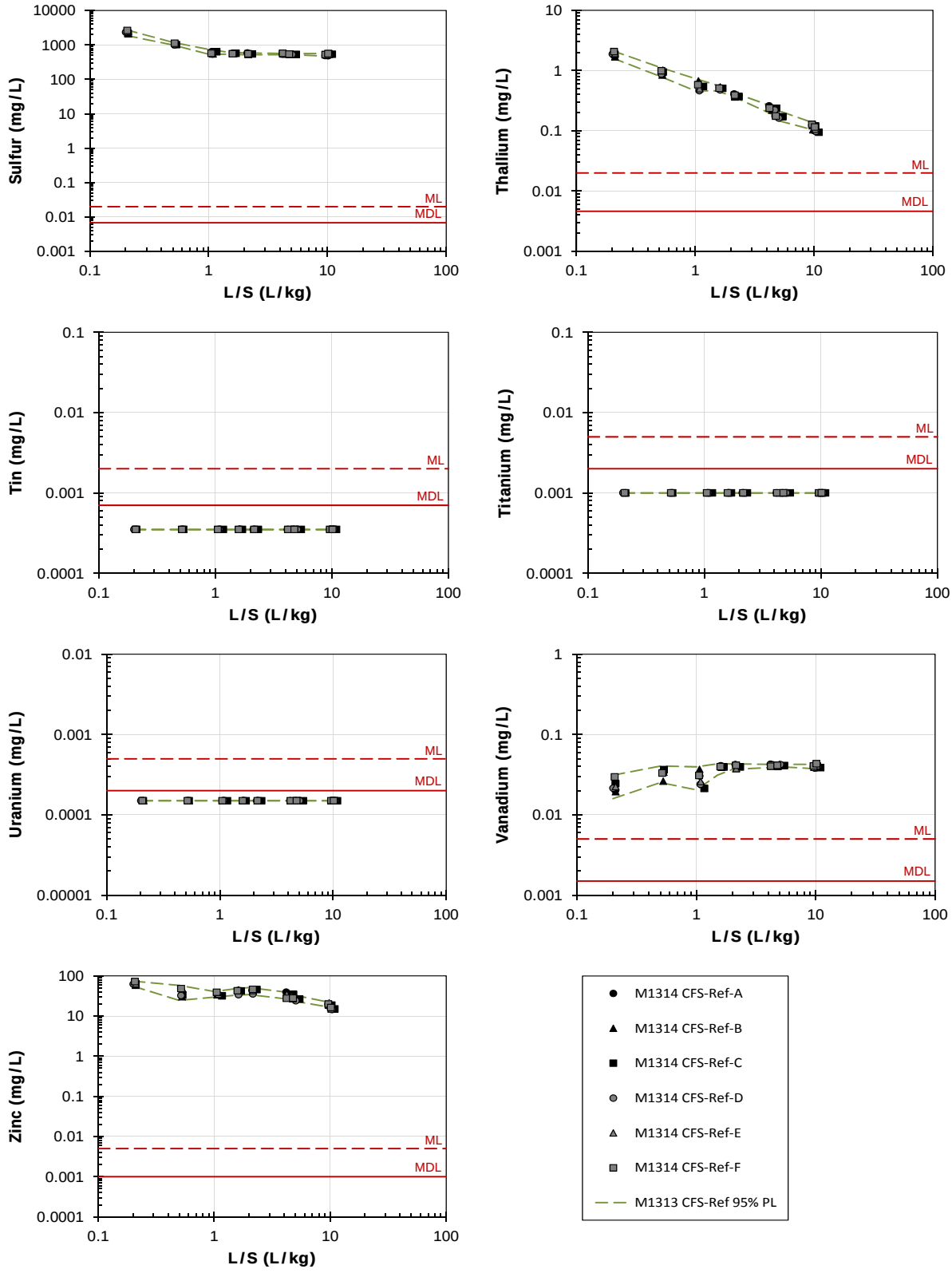

Figure 16. Method 1314 results for reference laboratory testing of CFS material compared to 95% prediction limits.

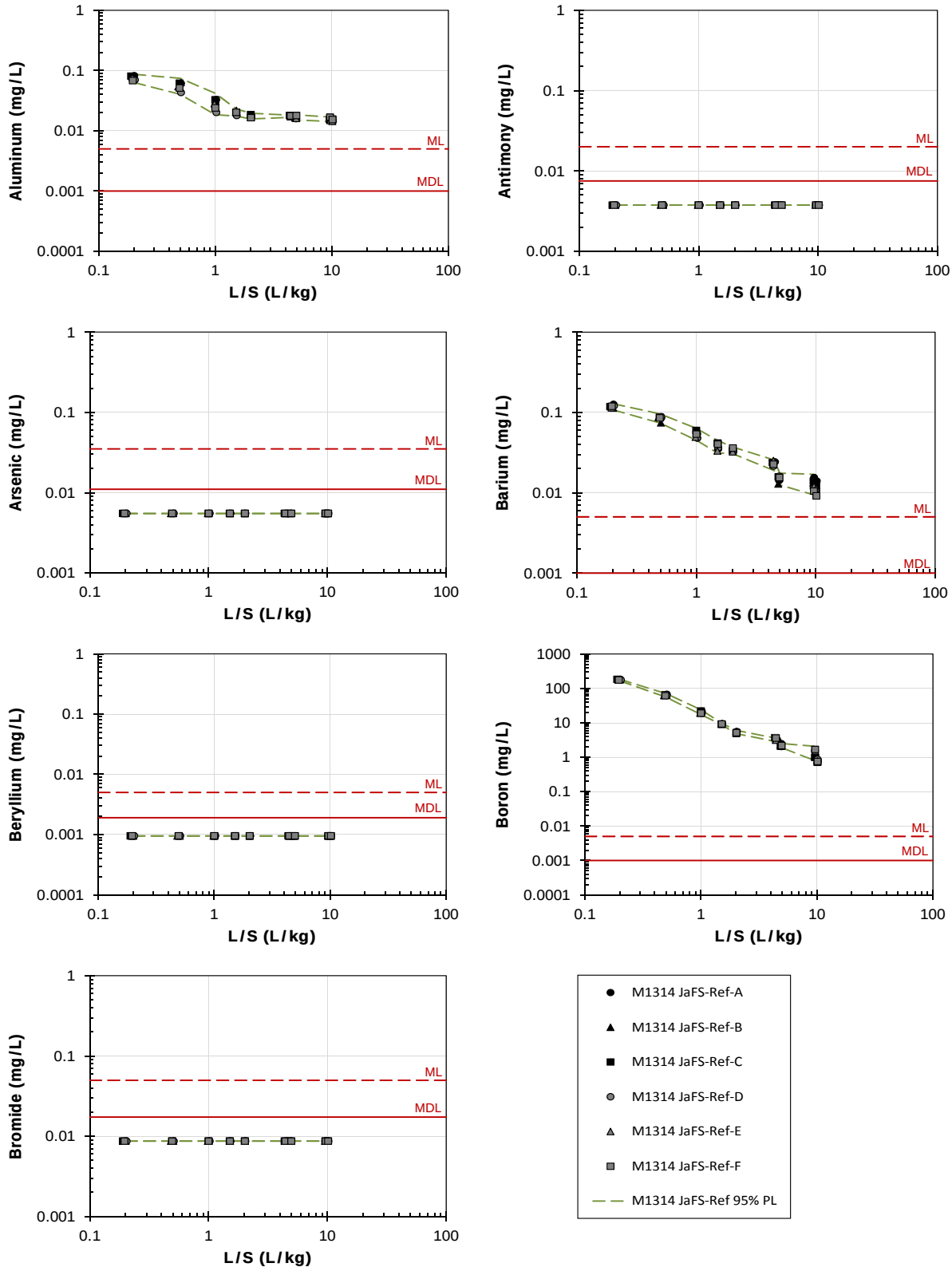

Figure 17. Method 1314 results for reference laboratory testing of JaFS material compared to 95% prediction limits.

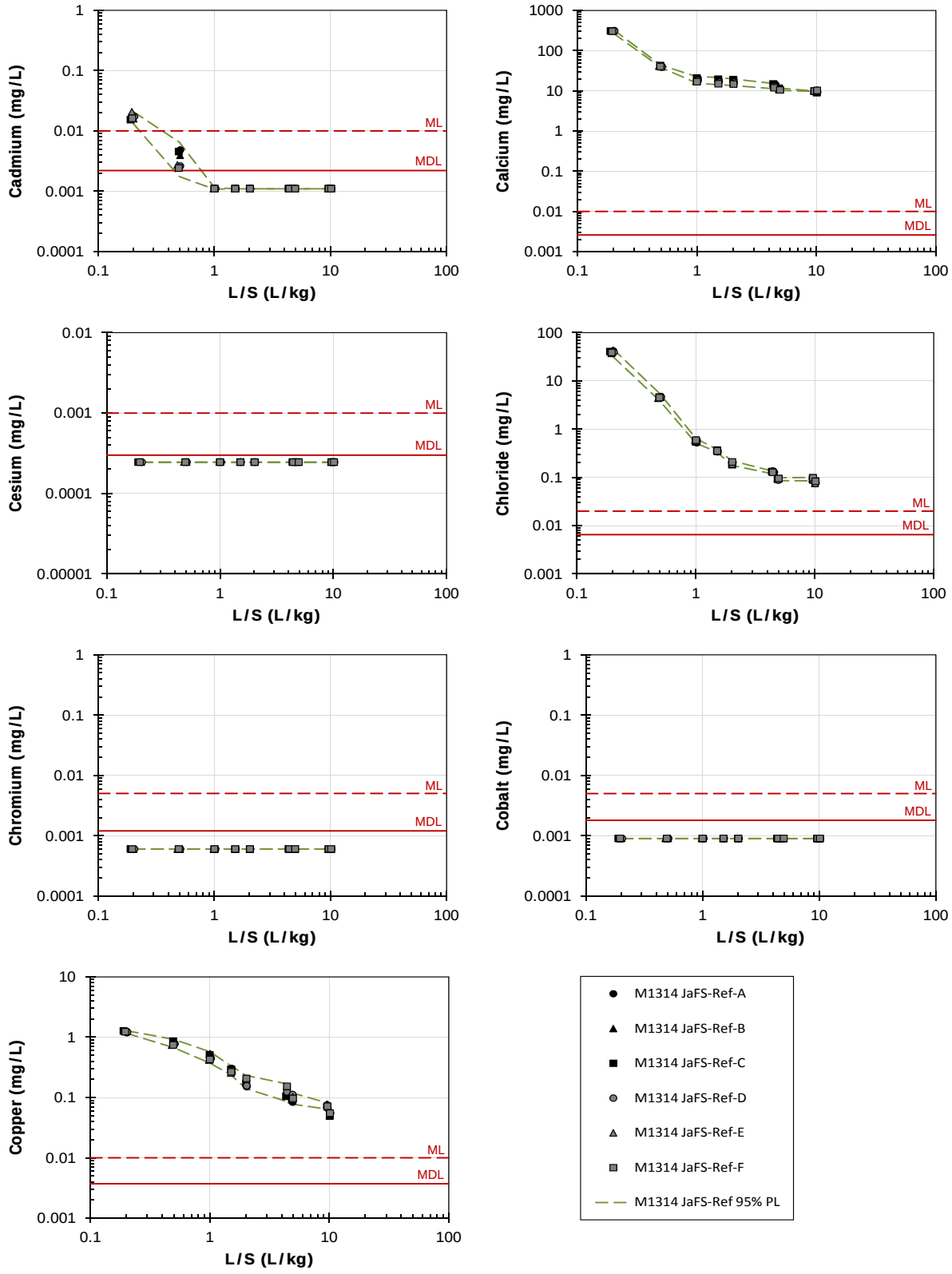

Figure 18. Method 1314 results for reference laboratory testing of JaFS material compared to 95% prediction limits.

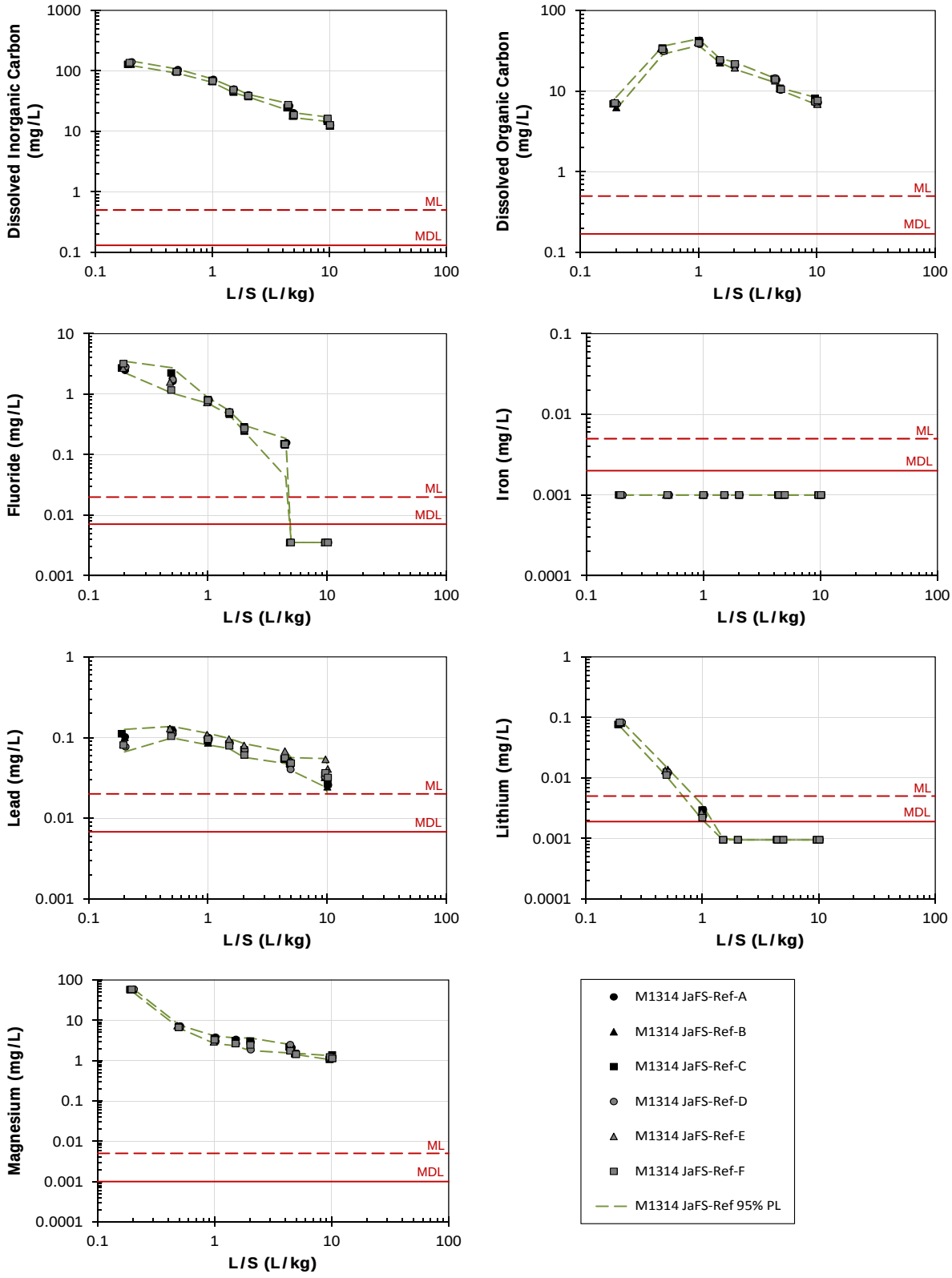

Figure 19. Method 1314 results for reference laboratory testing of JaFS material compared to 95% prediction limits.

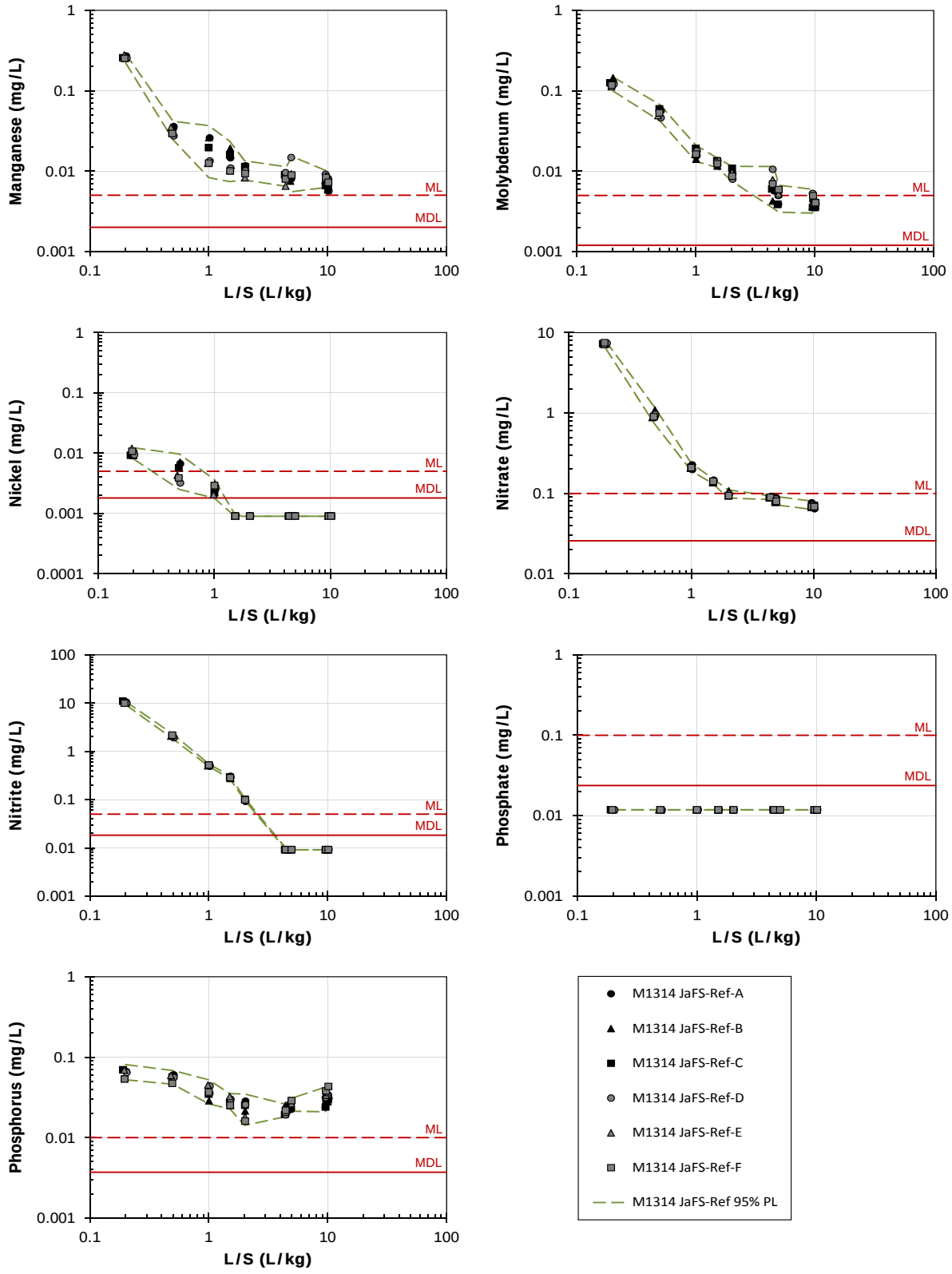

Figure 20. Method 1314 results for reference laboratory testing of JaFS material compared to 95% prediction limits.

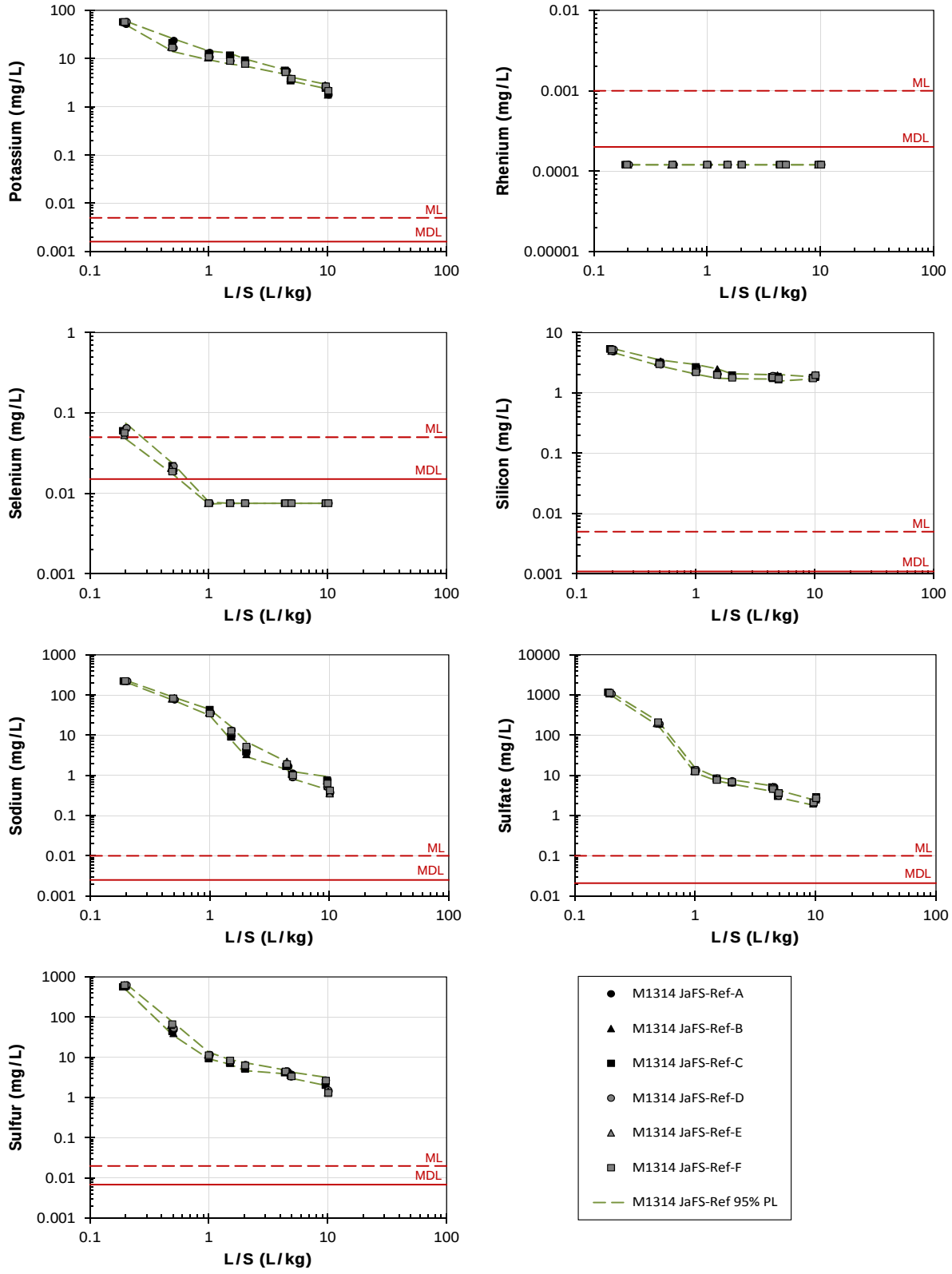

Figure 21. Method 1314 results for reference laboratory testing of JaFS material compared to 95% prediction limits.

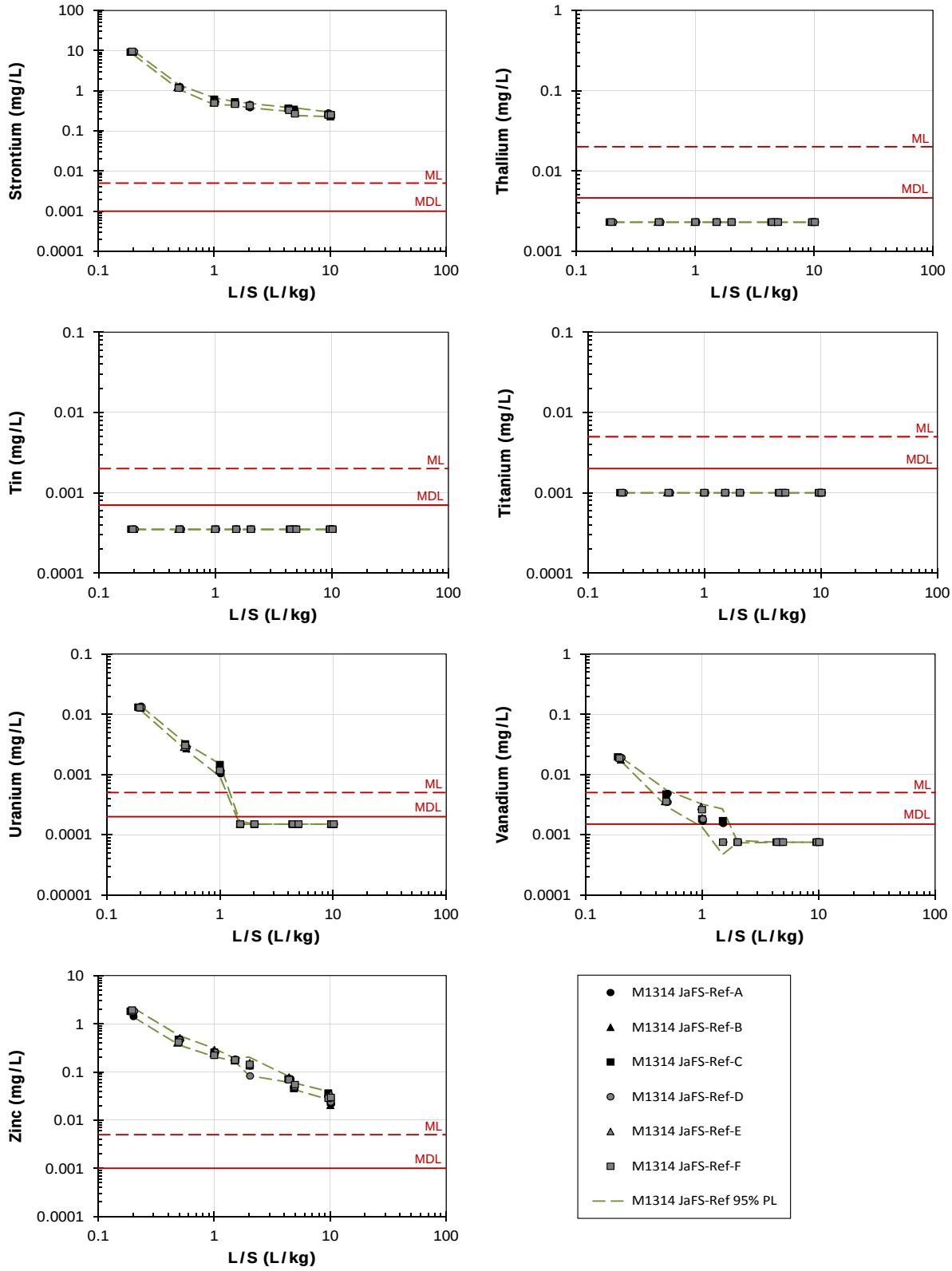

Figure 22. Method 1314 results for reference laboratory testing of JaFS material compared to 95% prediction limits.

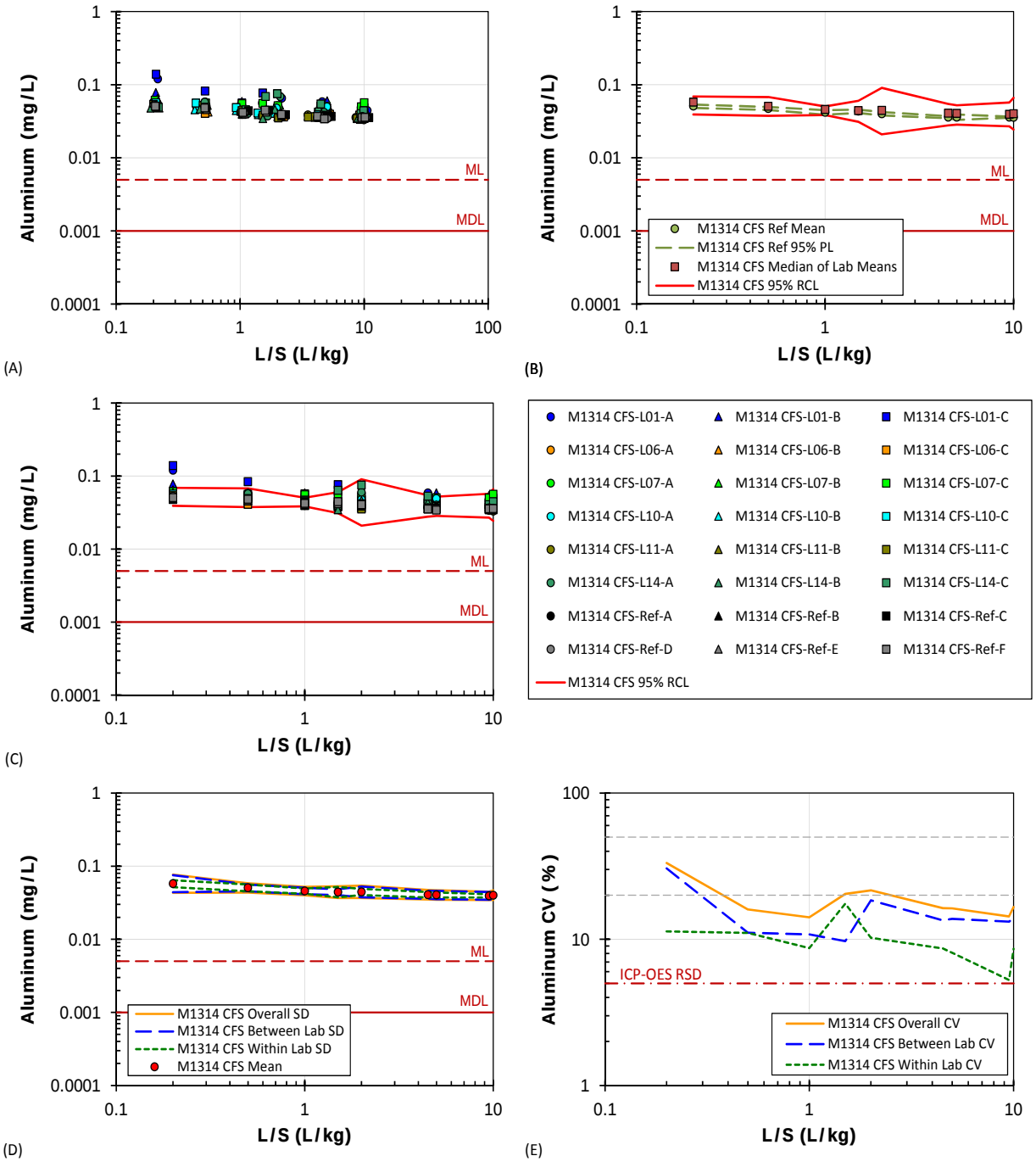

Figure 23. Aluminum concentration in CFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

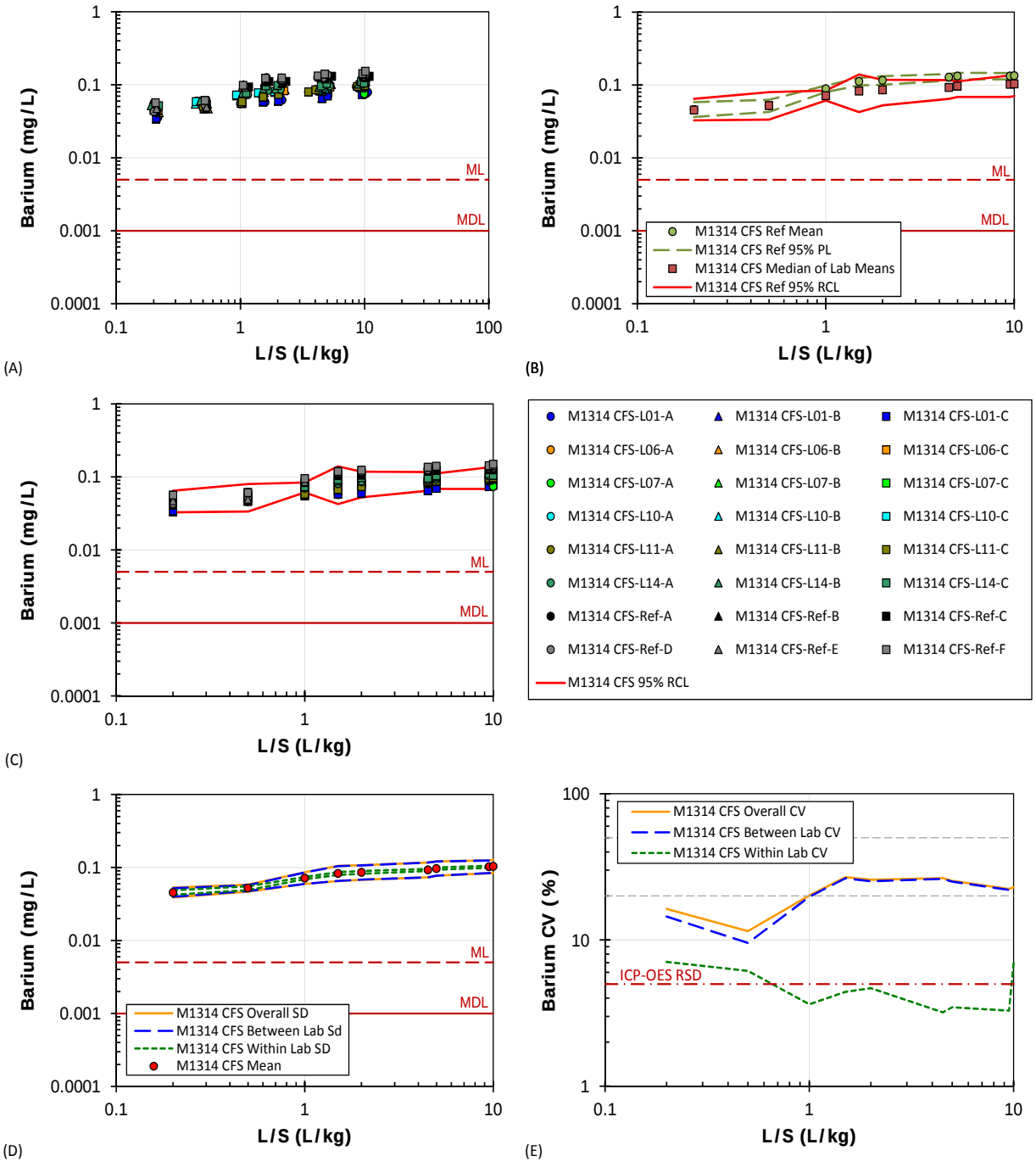

Figure 24. Barium concentration in CFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

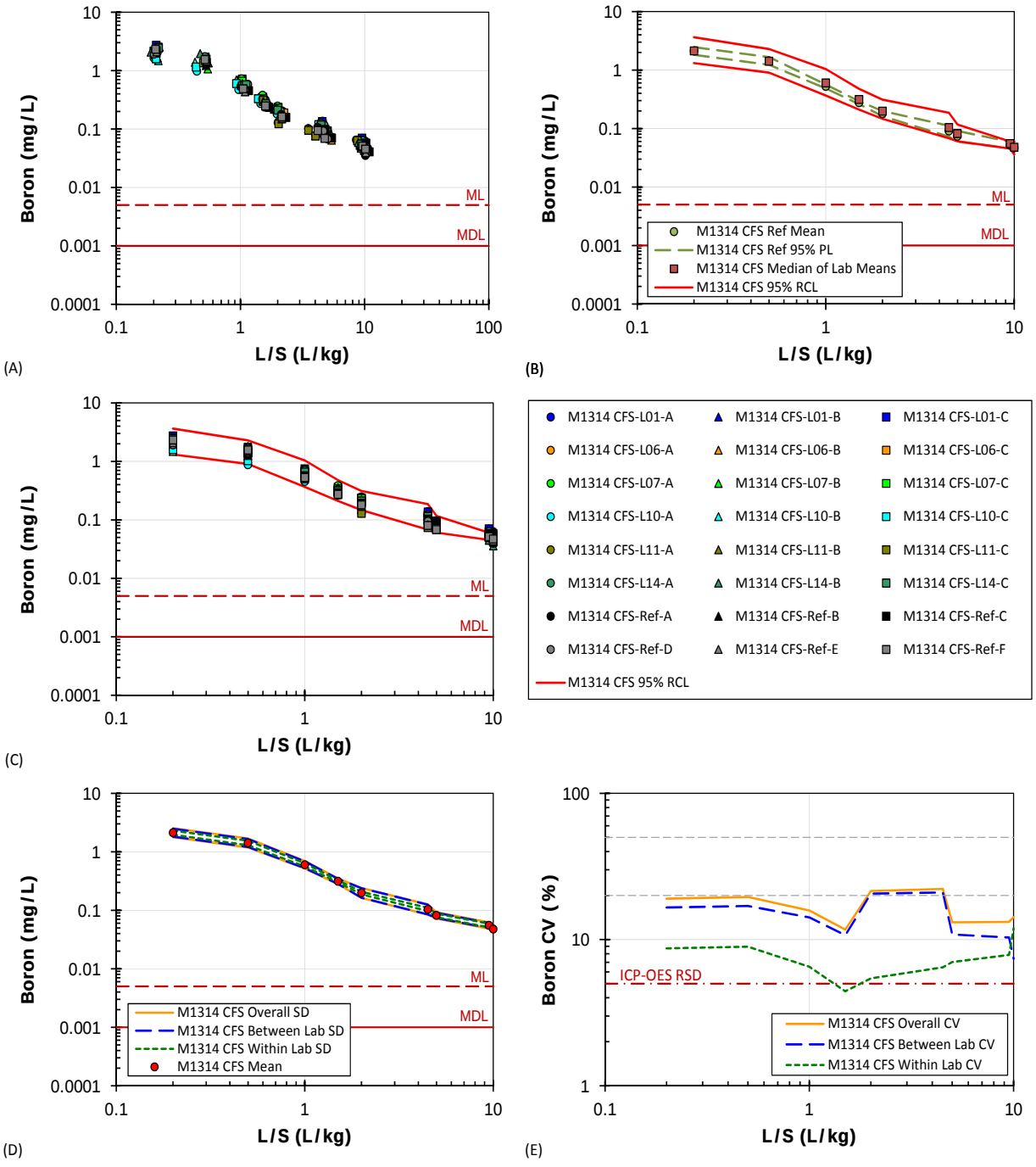

Figure 25. Boron concentration in CFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

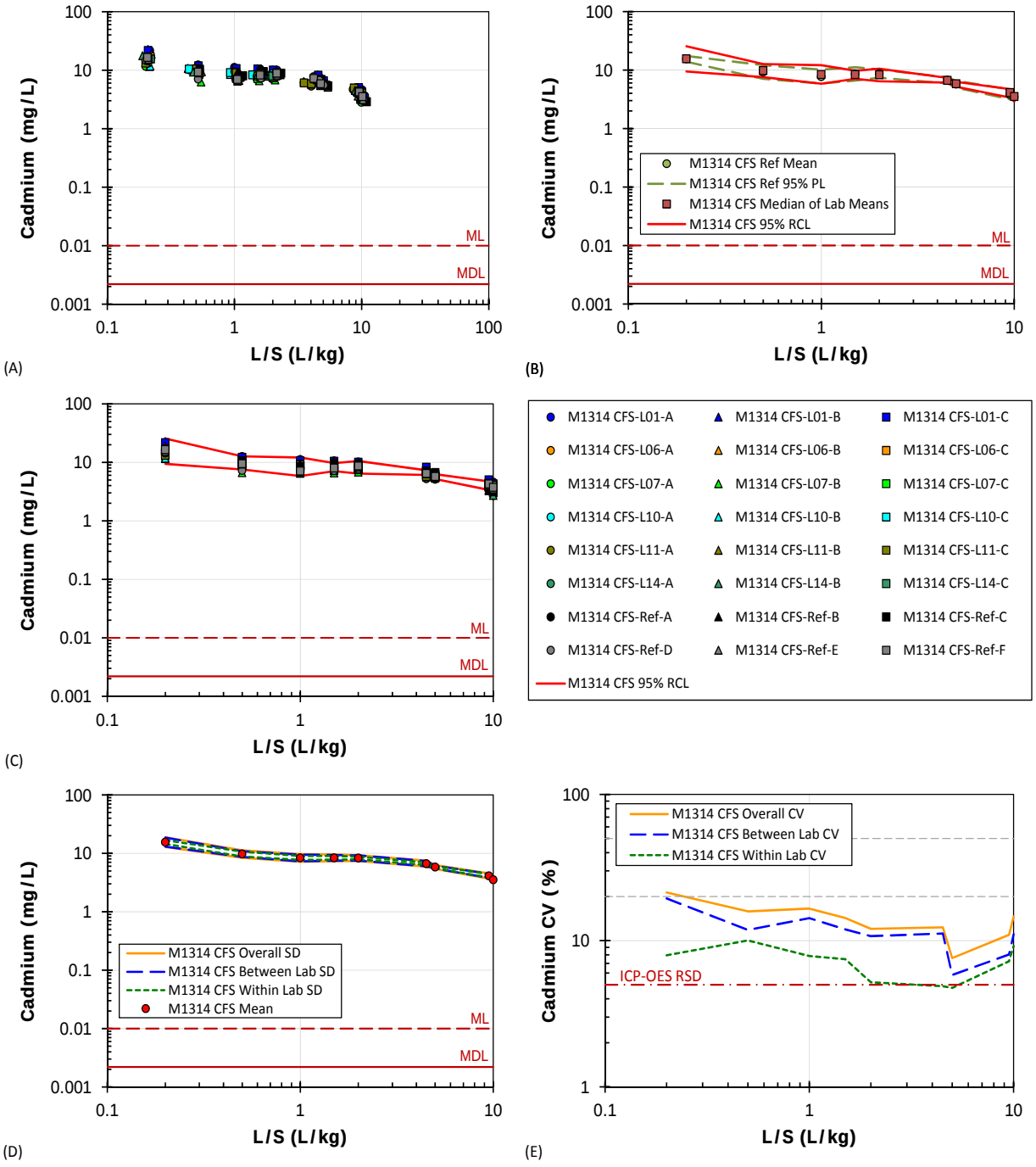

Figure 26. Cadmium concentration in CFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

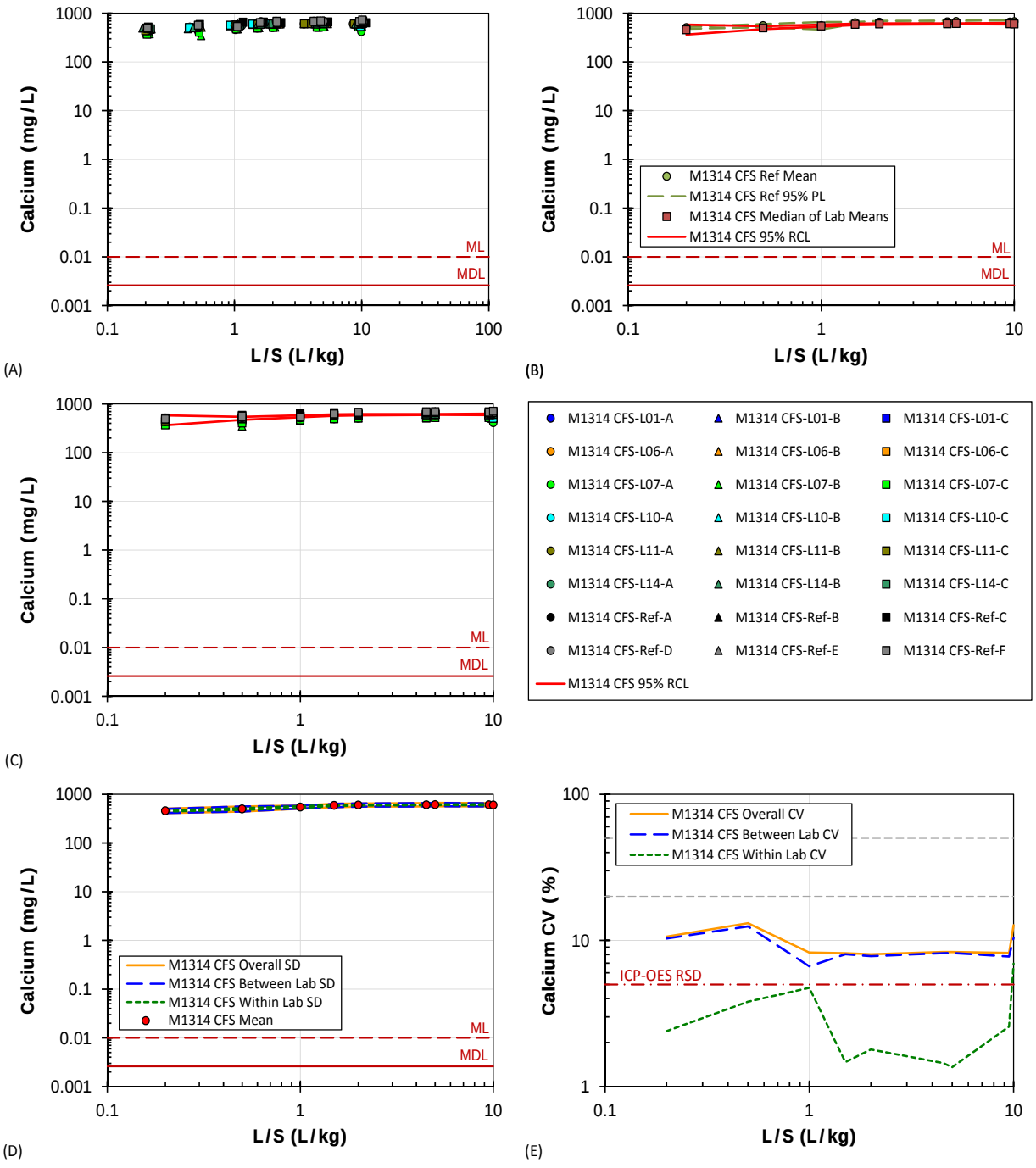

Figure 27. Calcium concentration in CFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

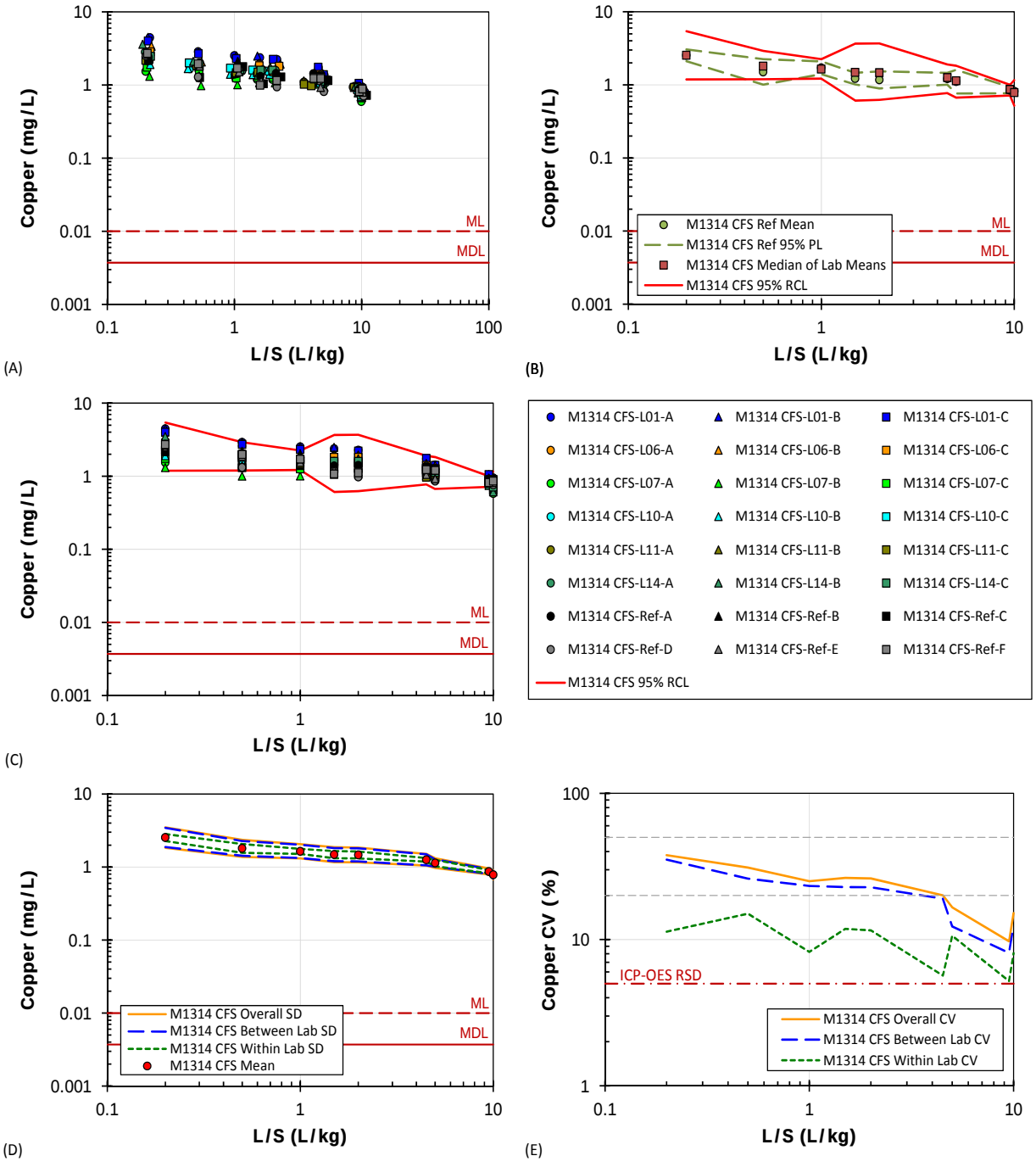

Figure 28. Copper concentration in CFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

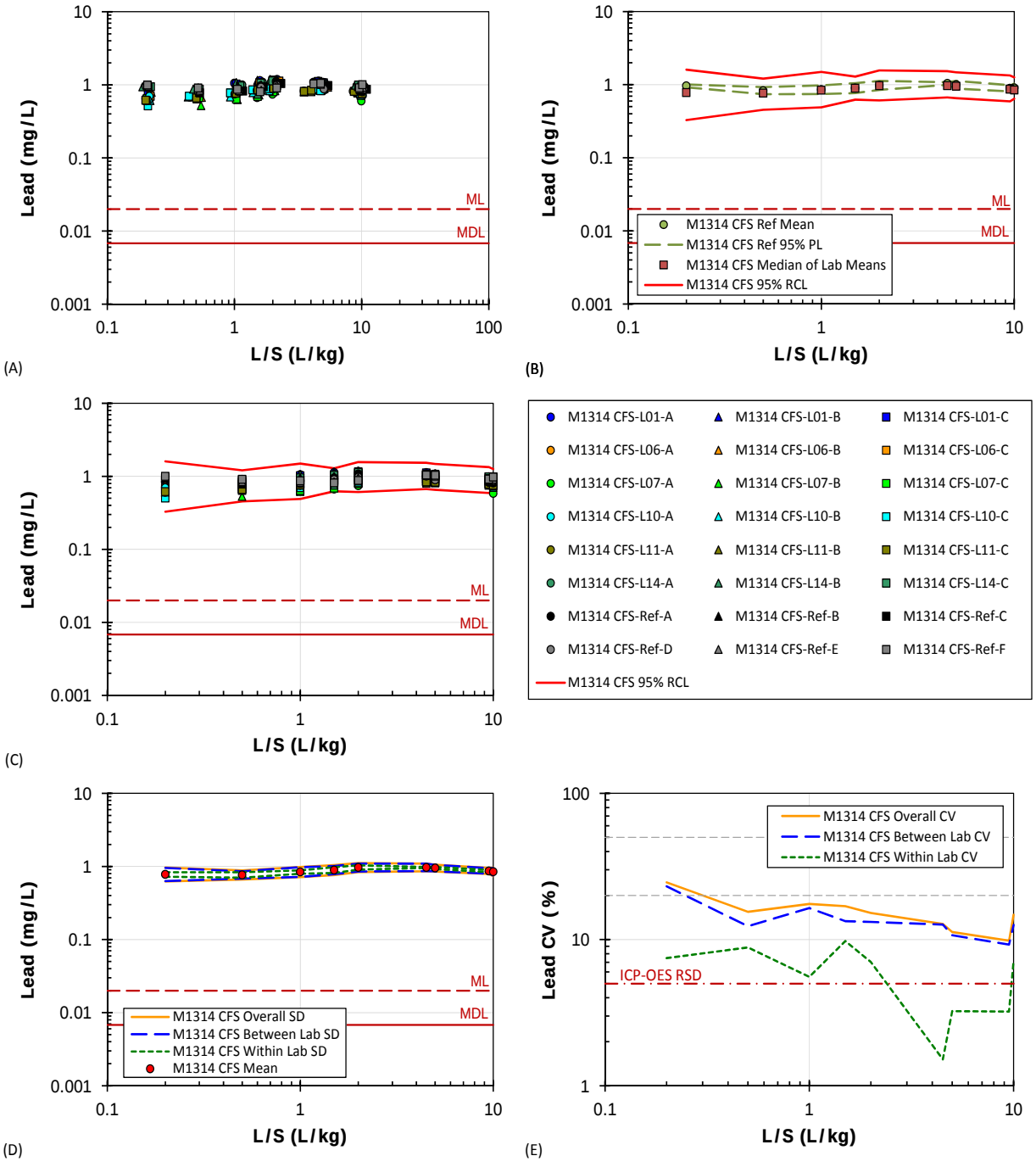

Figure 29. Lead concentration in CFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

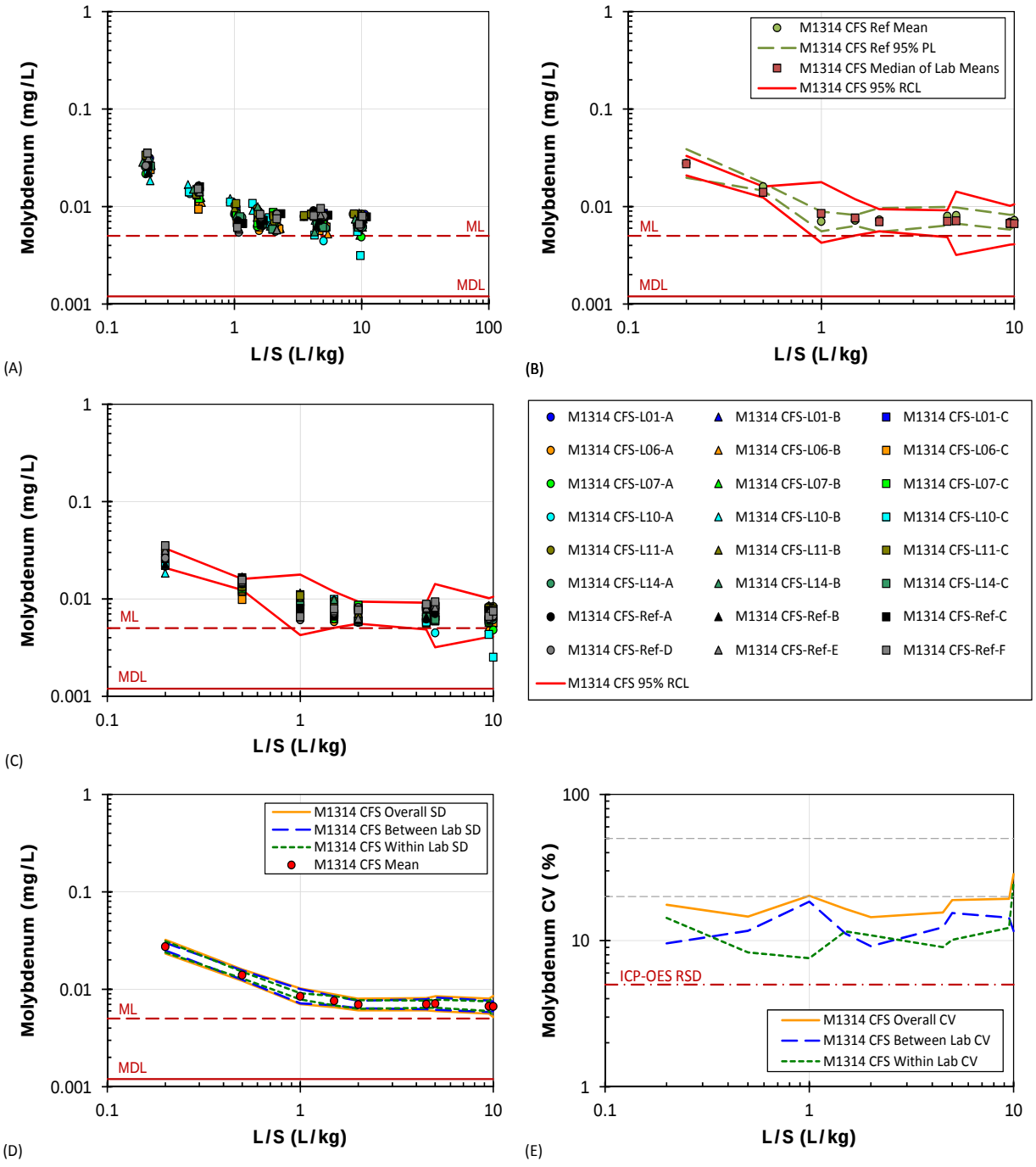

Figure 30. Molybdenum concentration in CFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

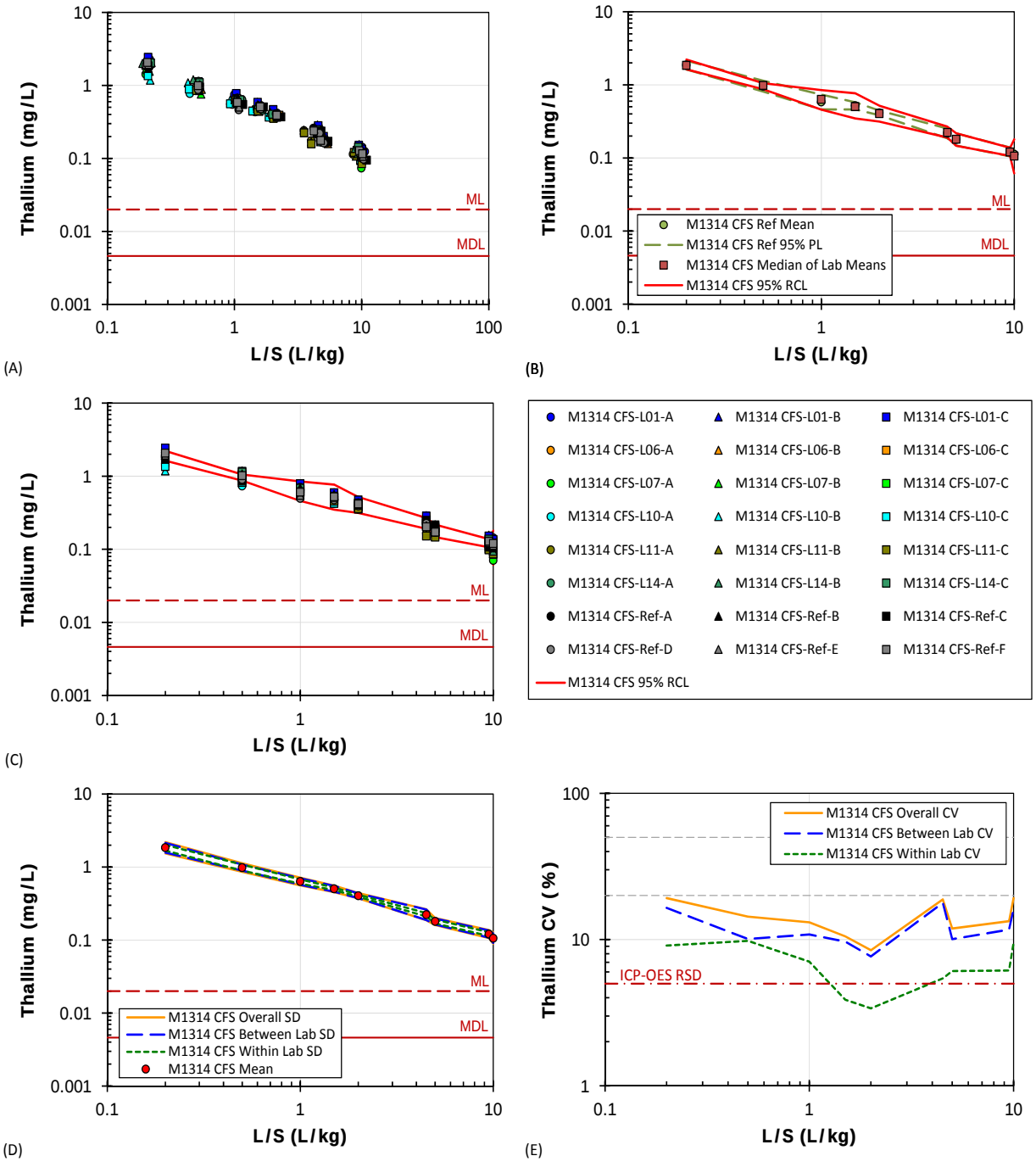

Figure 31. Thallium concentration in CFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

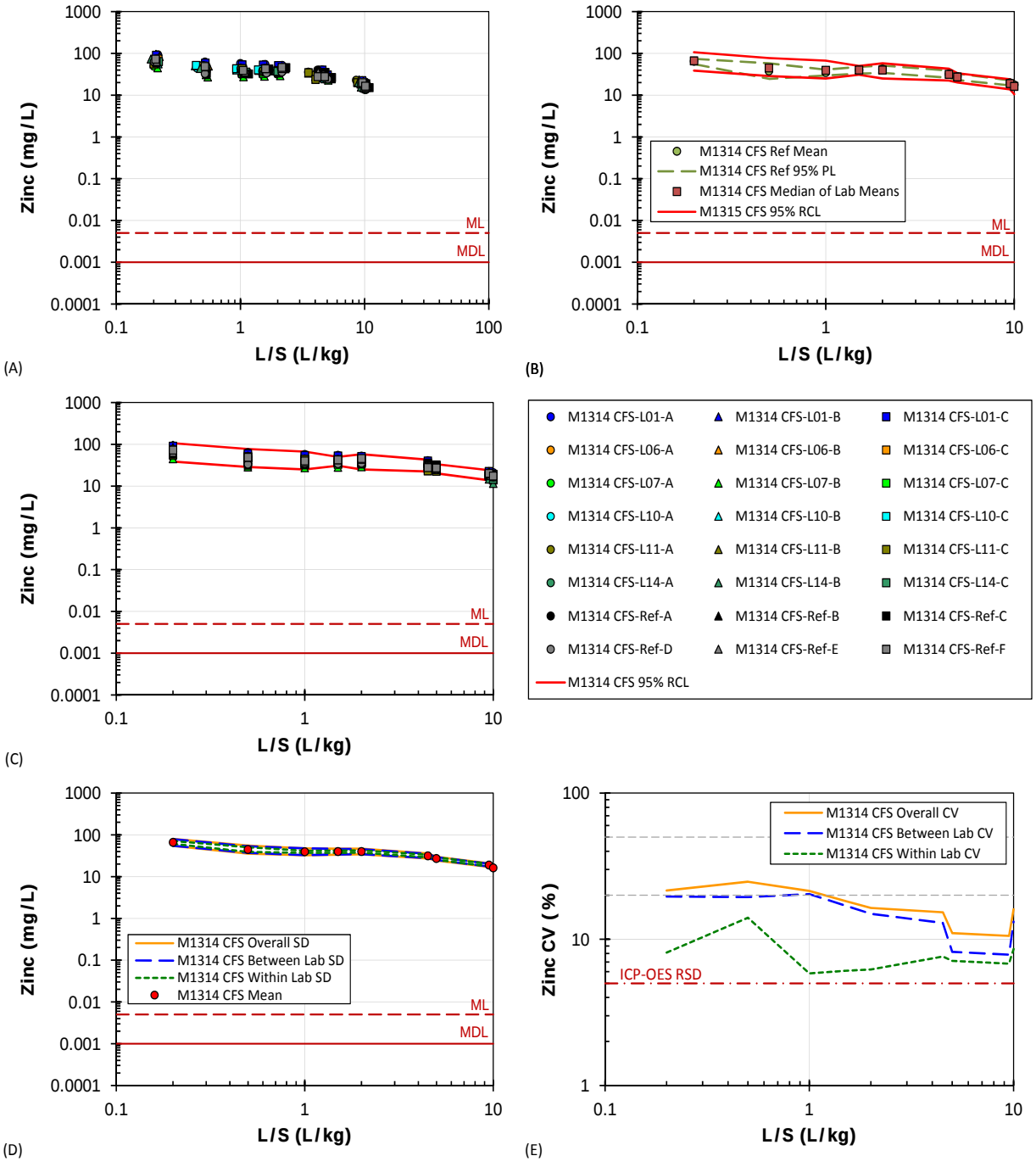

Figure 32. Zinc concentration in CFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

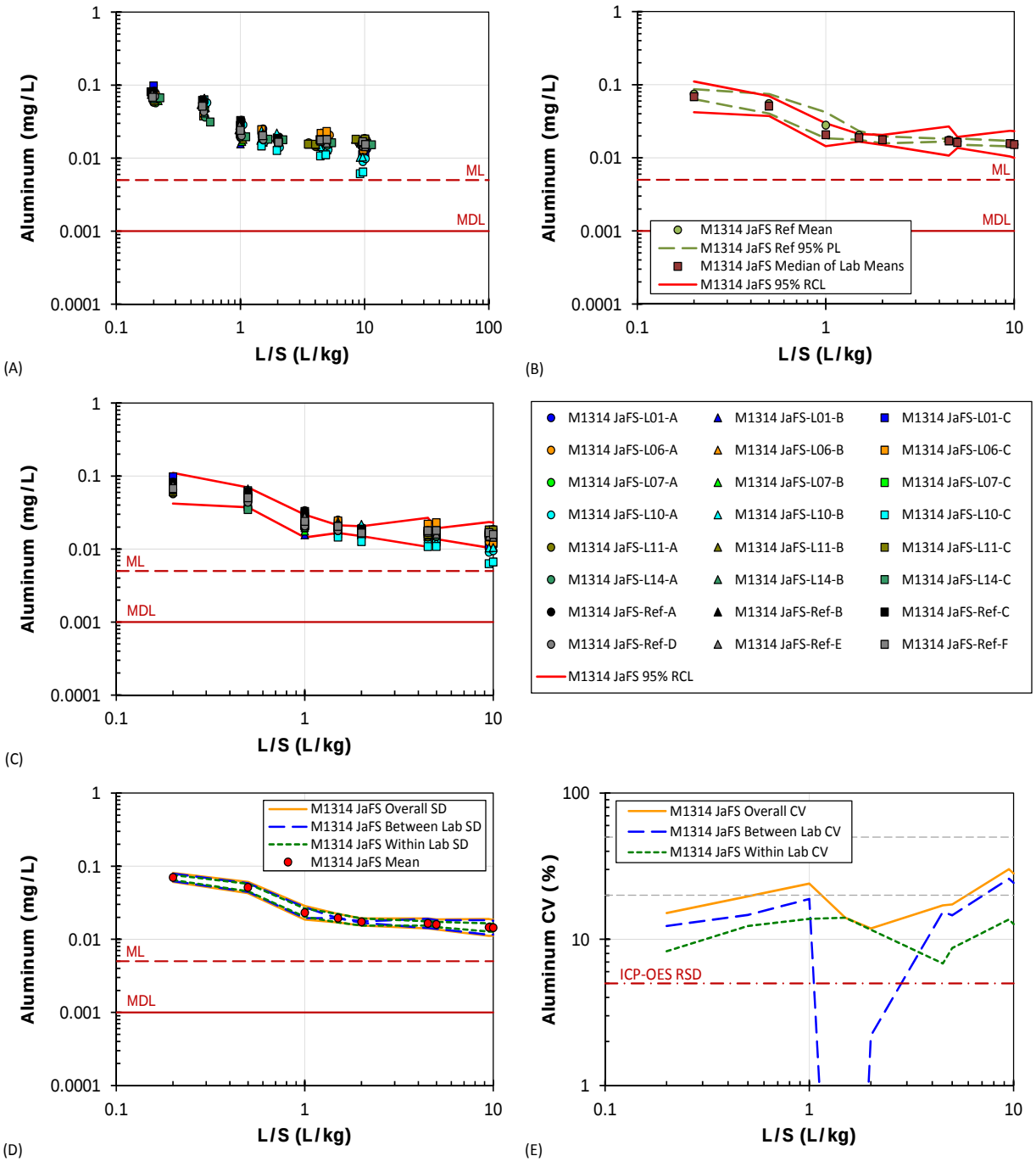

Figure 33. Aluminum concentration in JaFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

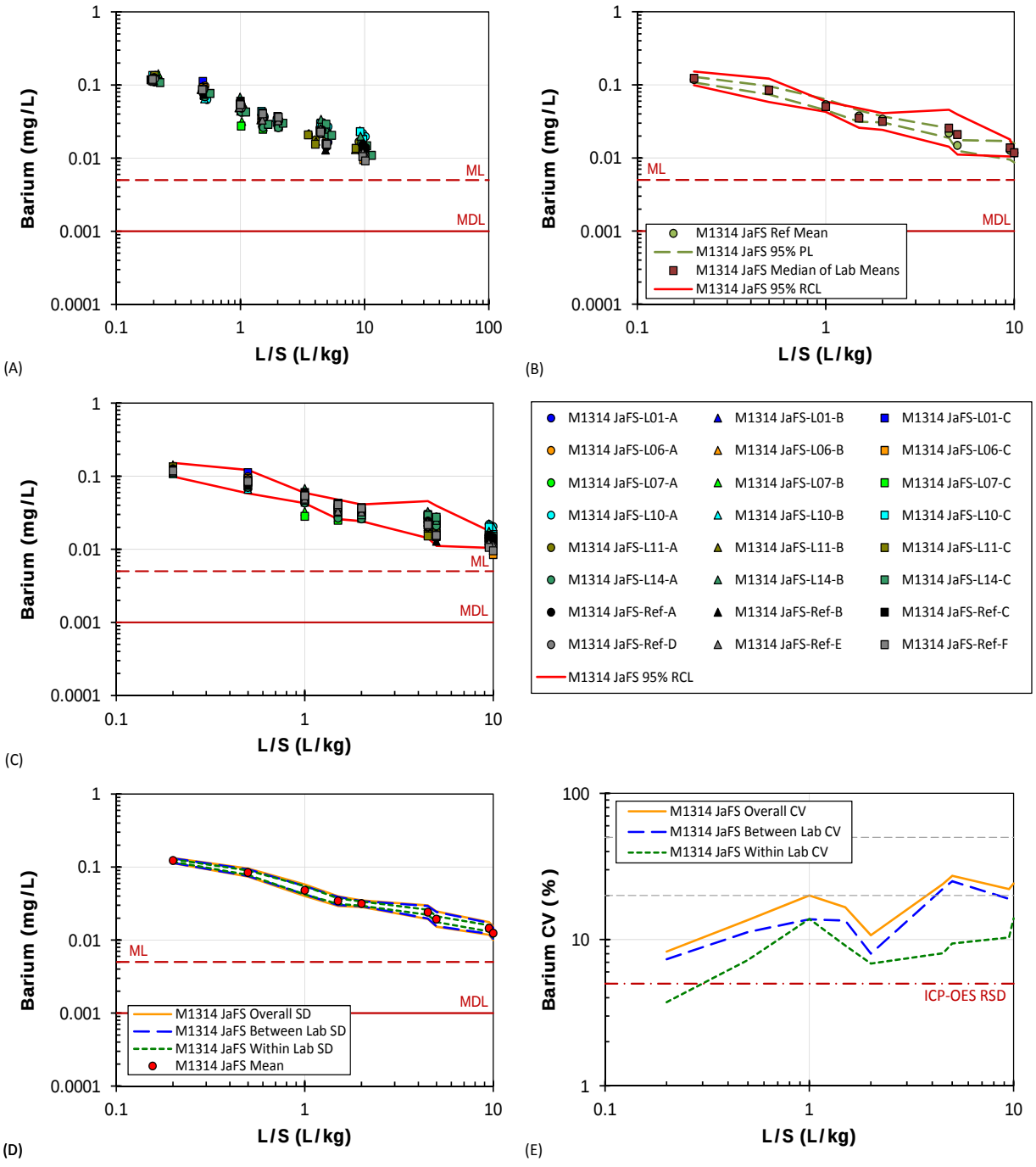

Figure 34. Barium concentration in JaFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

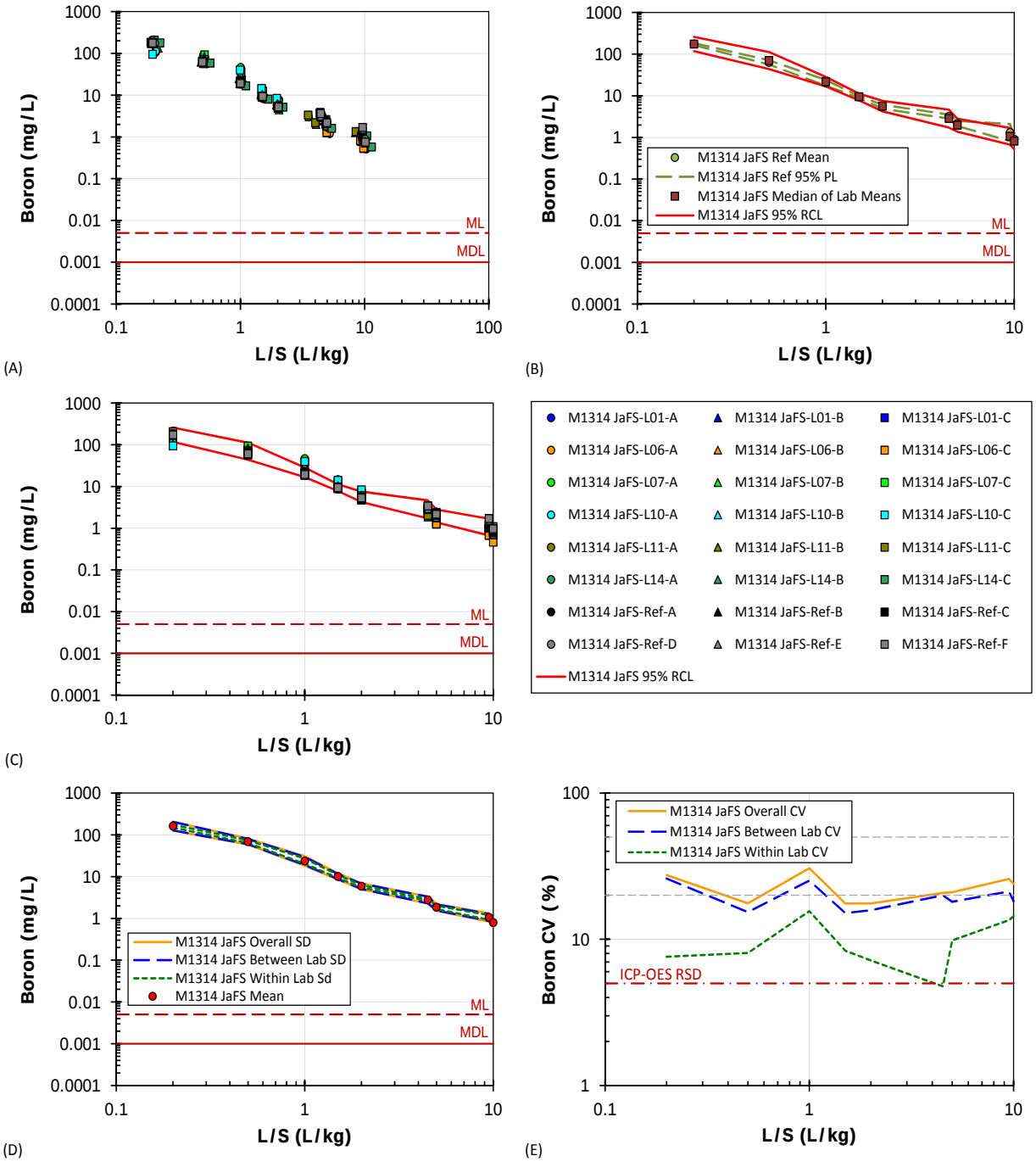

Figure 35. Boron concentration in JaFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

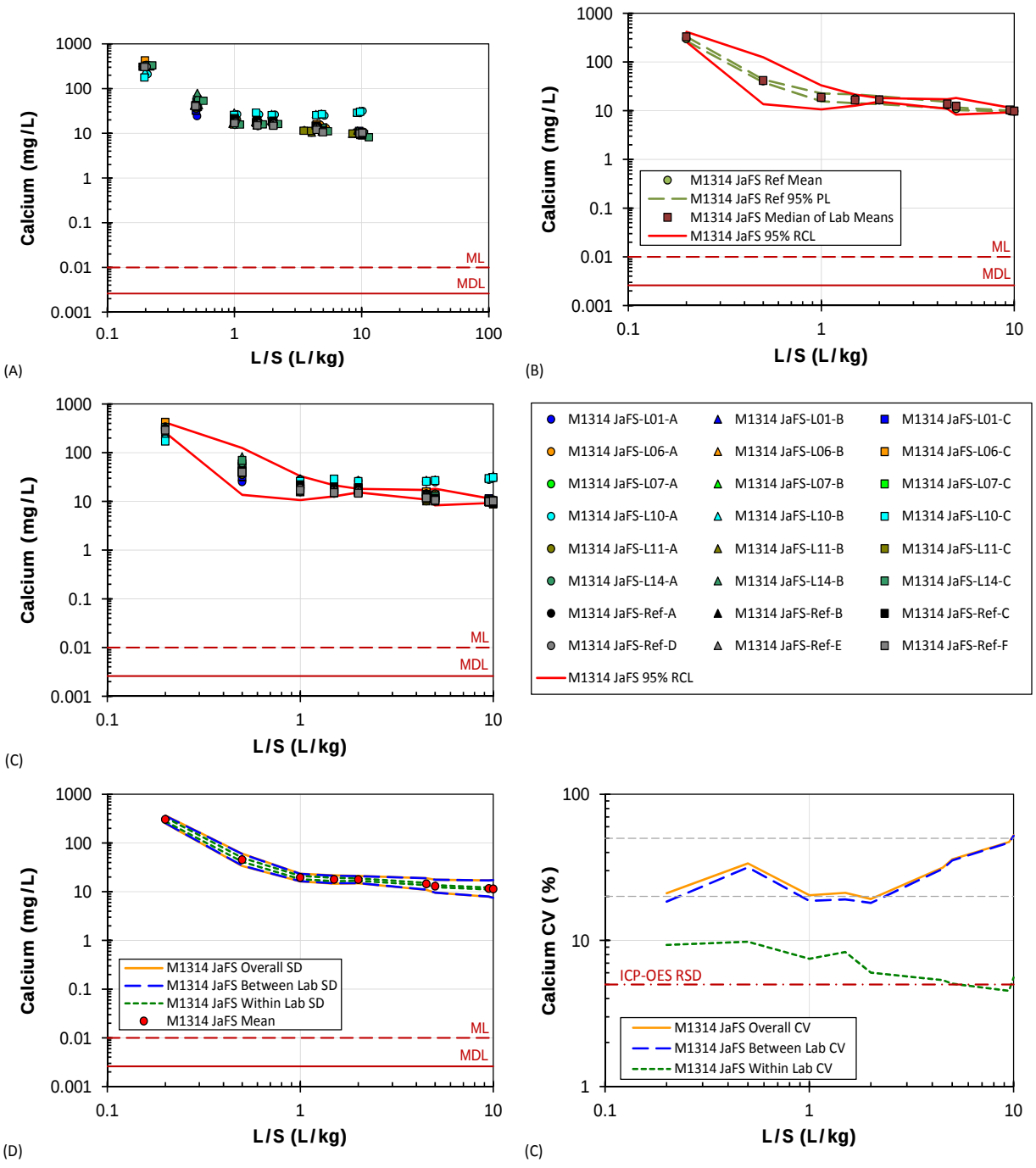

Figure 36. Calcium concentration in JaFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

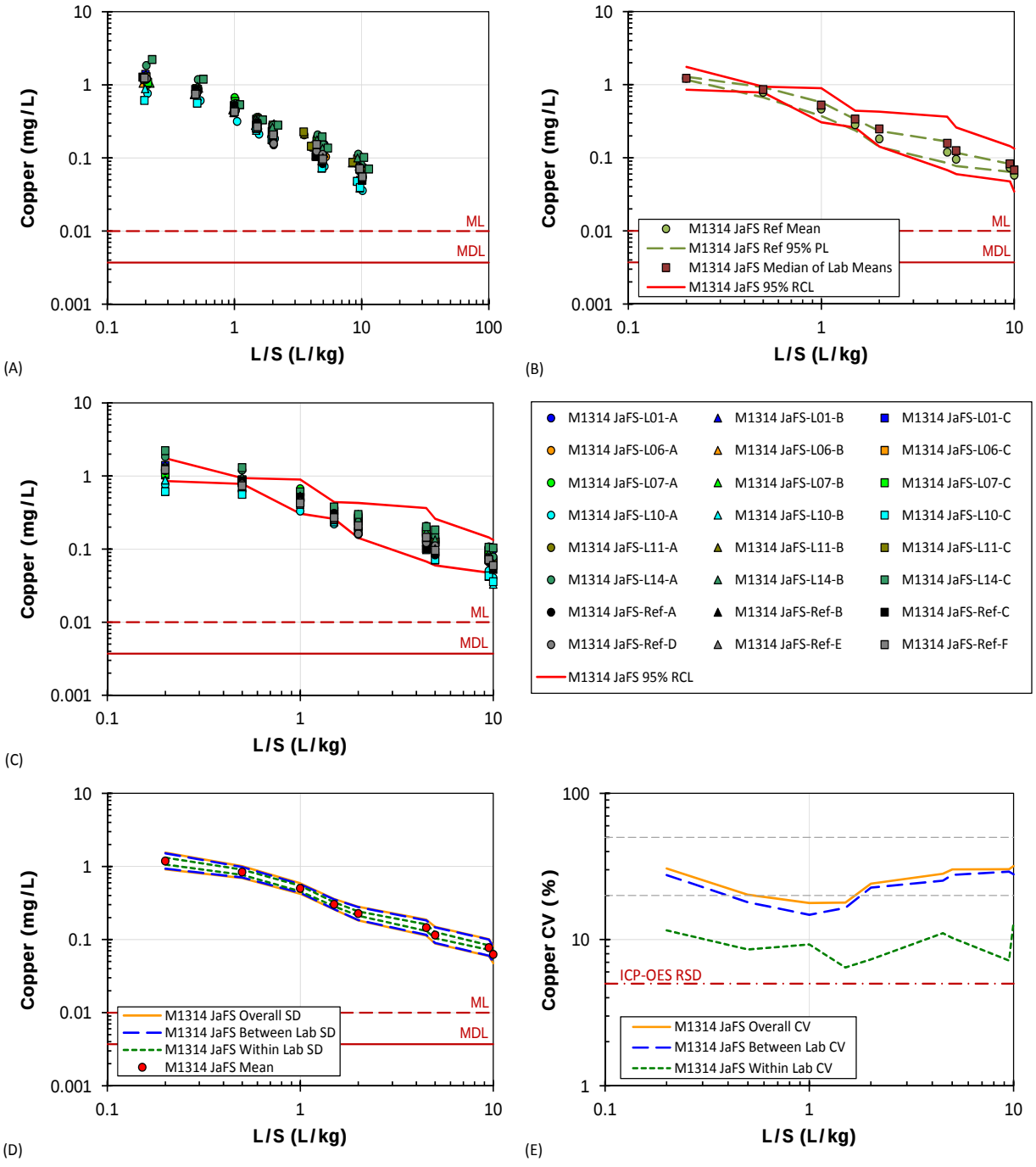

Figure 37. Copper concentration in JaFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

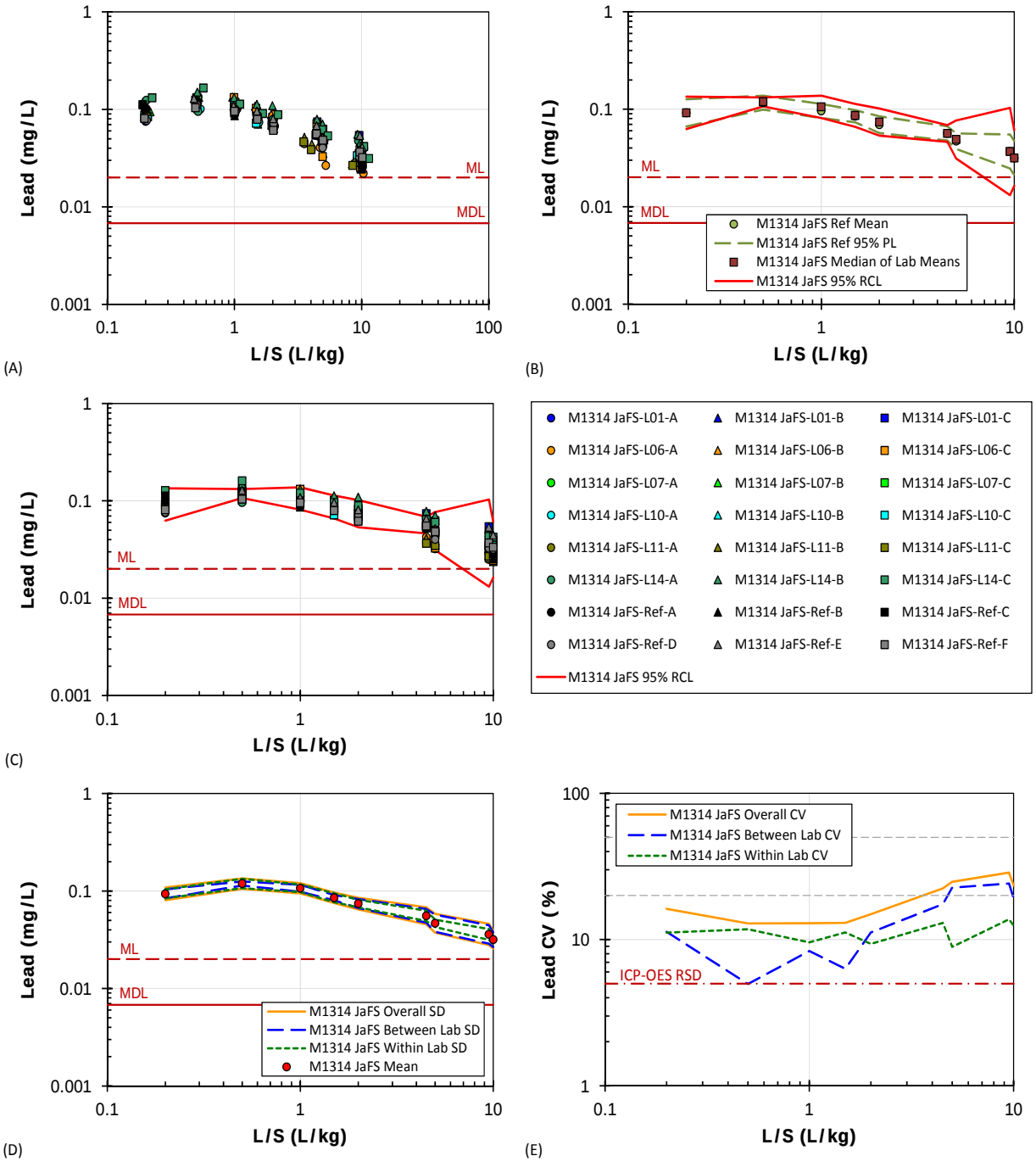

Figure 38. Lead concentration in JaFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

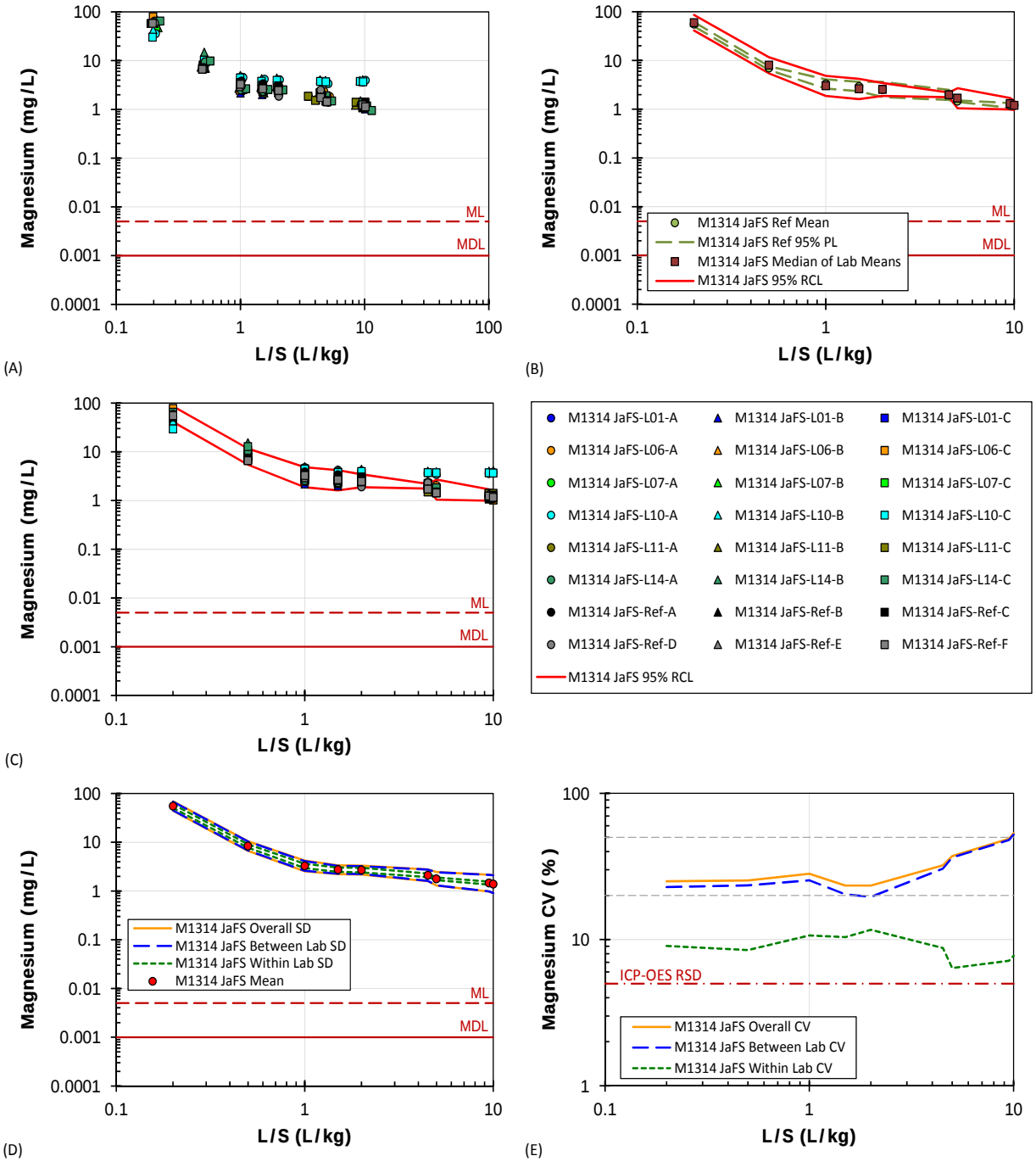

Figure 39. Magnesium concentration in JaFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

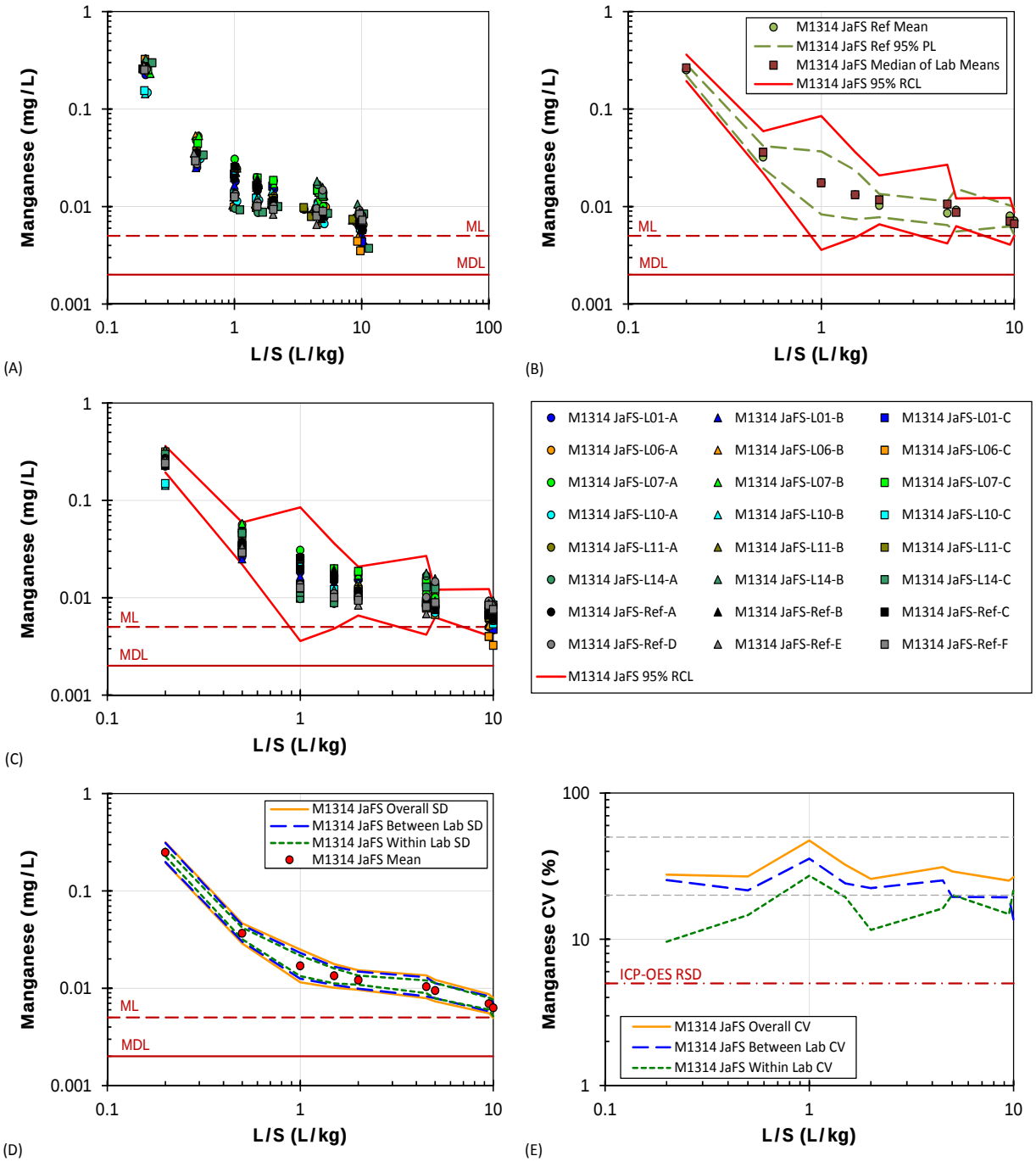

Figure 40. Manganese concentration in JaFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

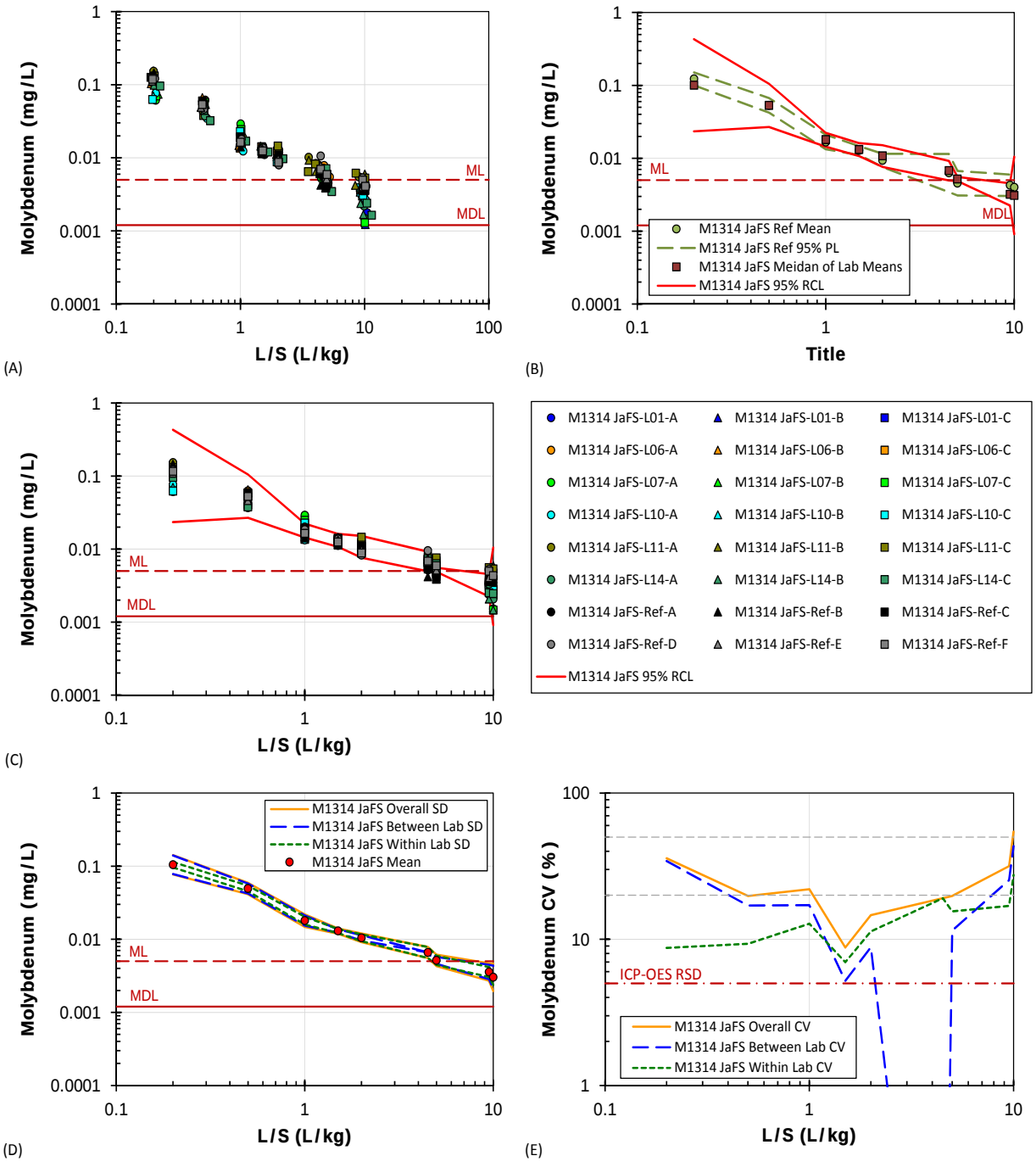

Figure 41. Molybdenum concentration in JaFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

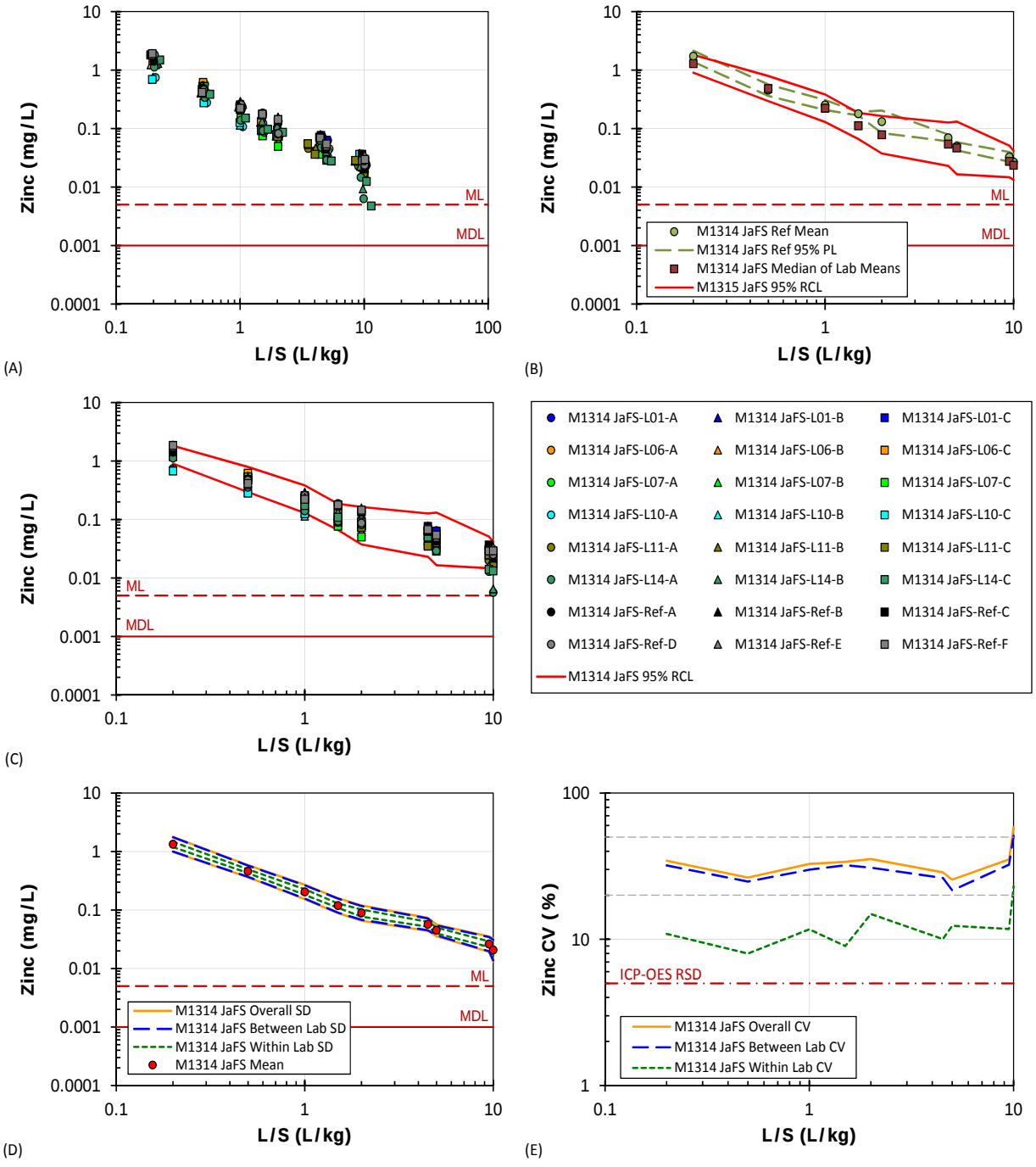

Figure 42. Zinc concentration in JaFS eluate using Method 1314. (A) collected data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

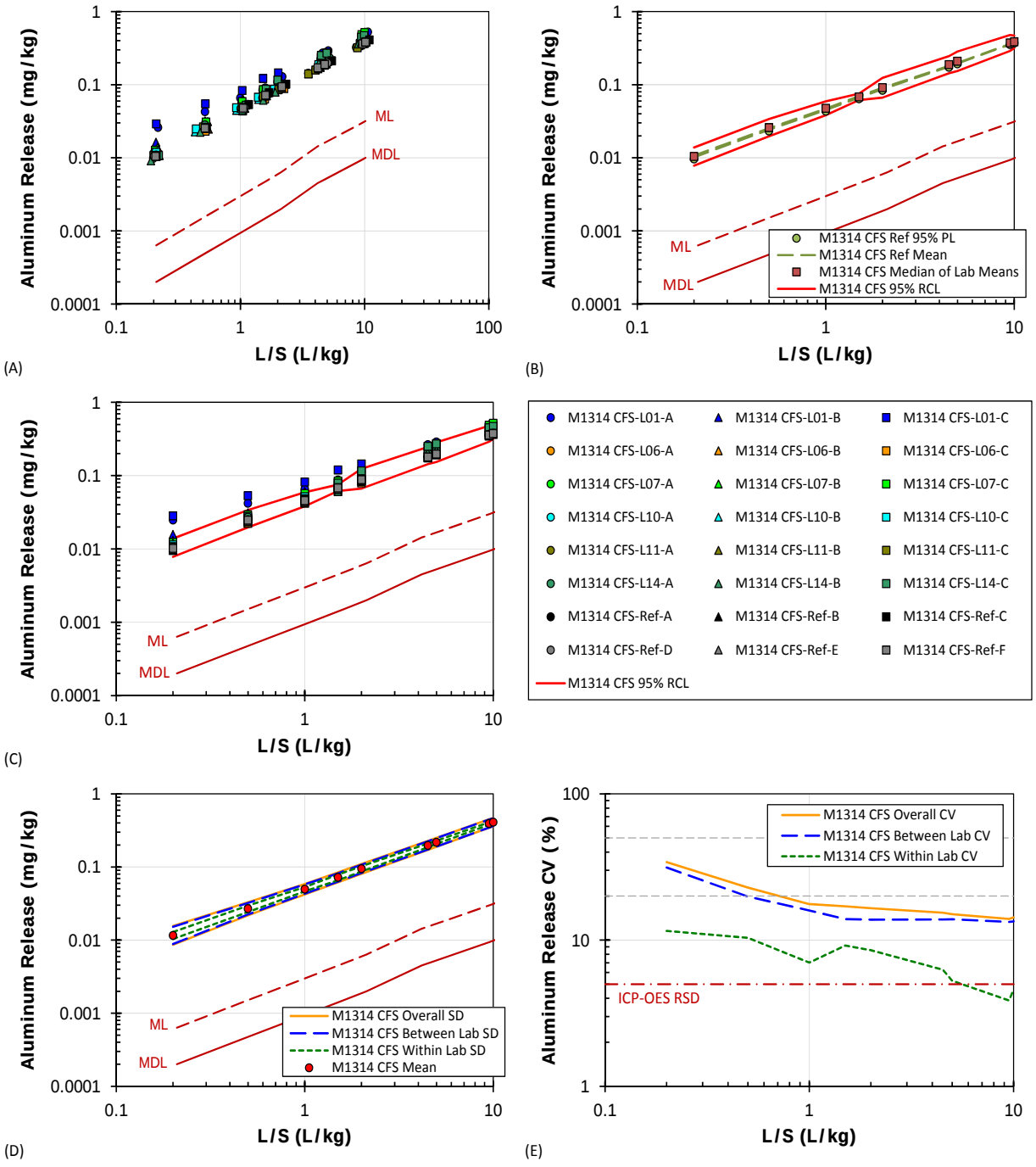

Figure 43. Aluminum release from material CFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

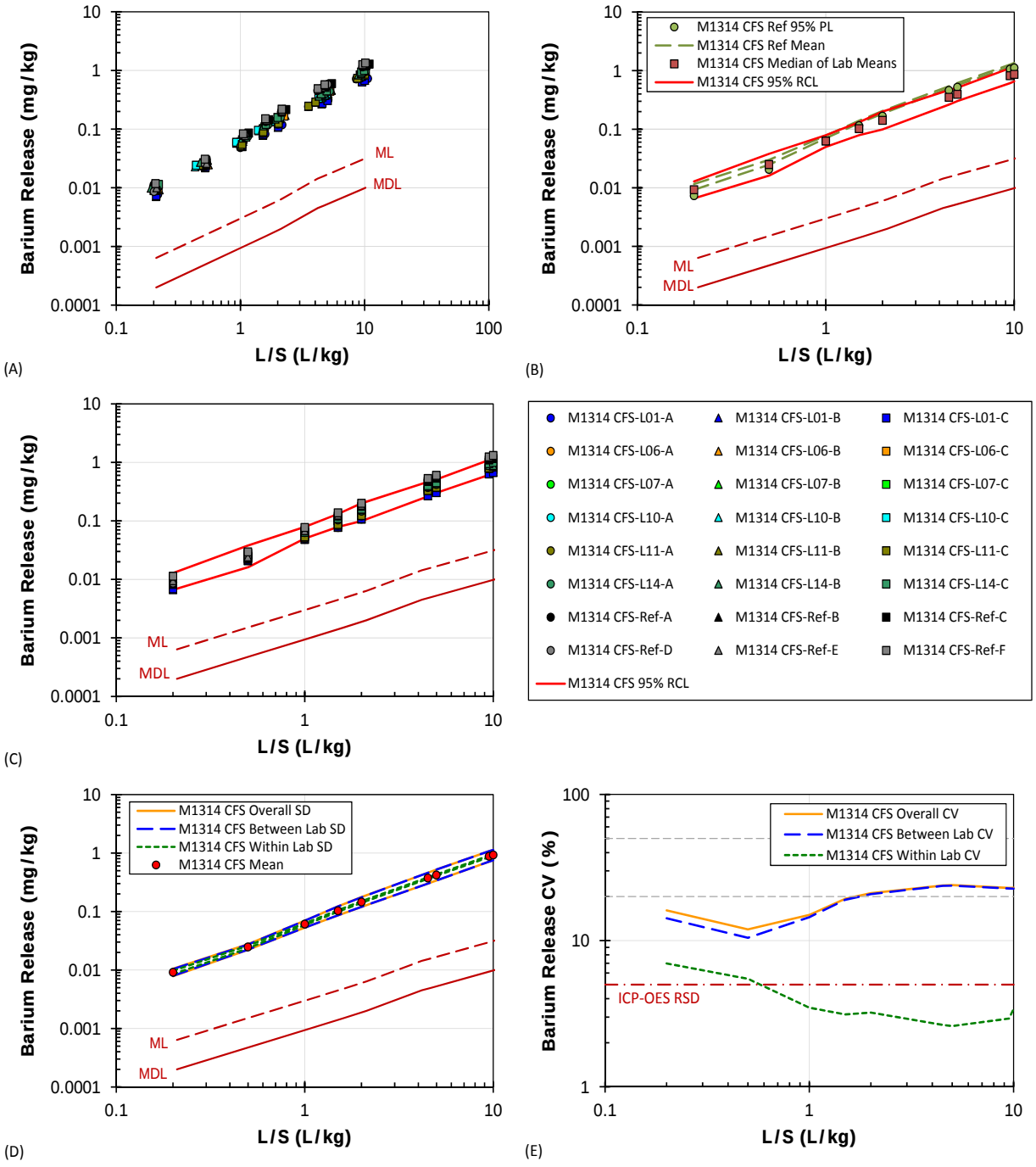

Figure 44. Barium release from material CFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

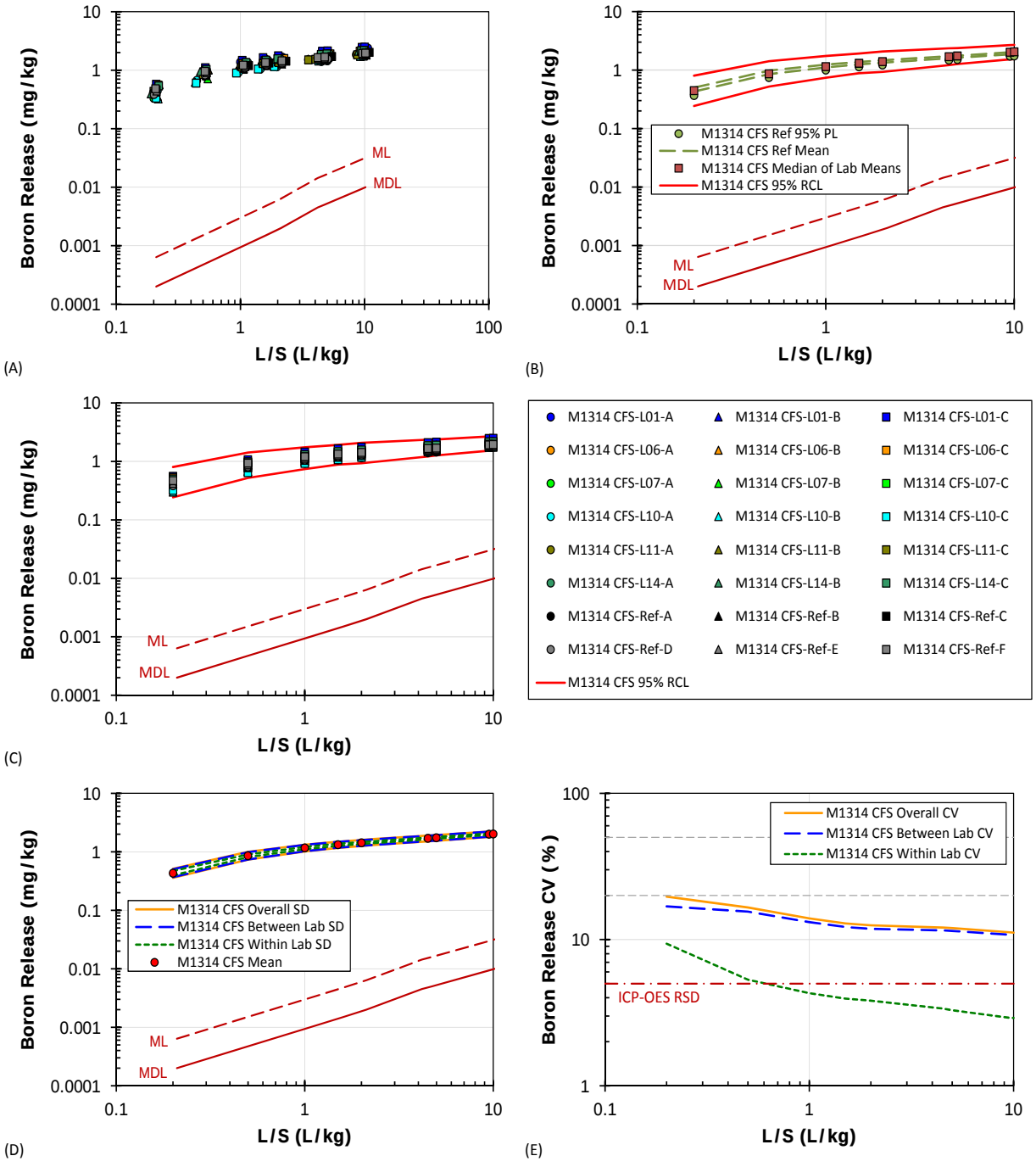

Figure 45. Boron release from material CFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

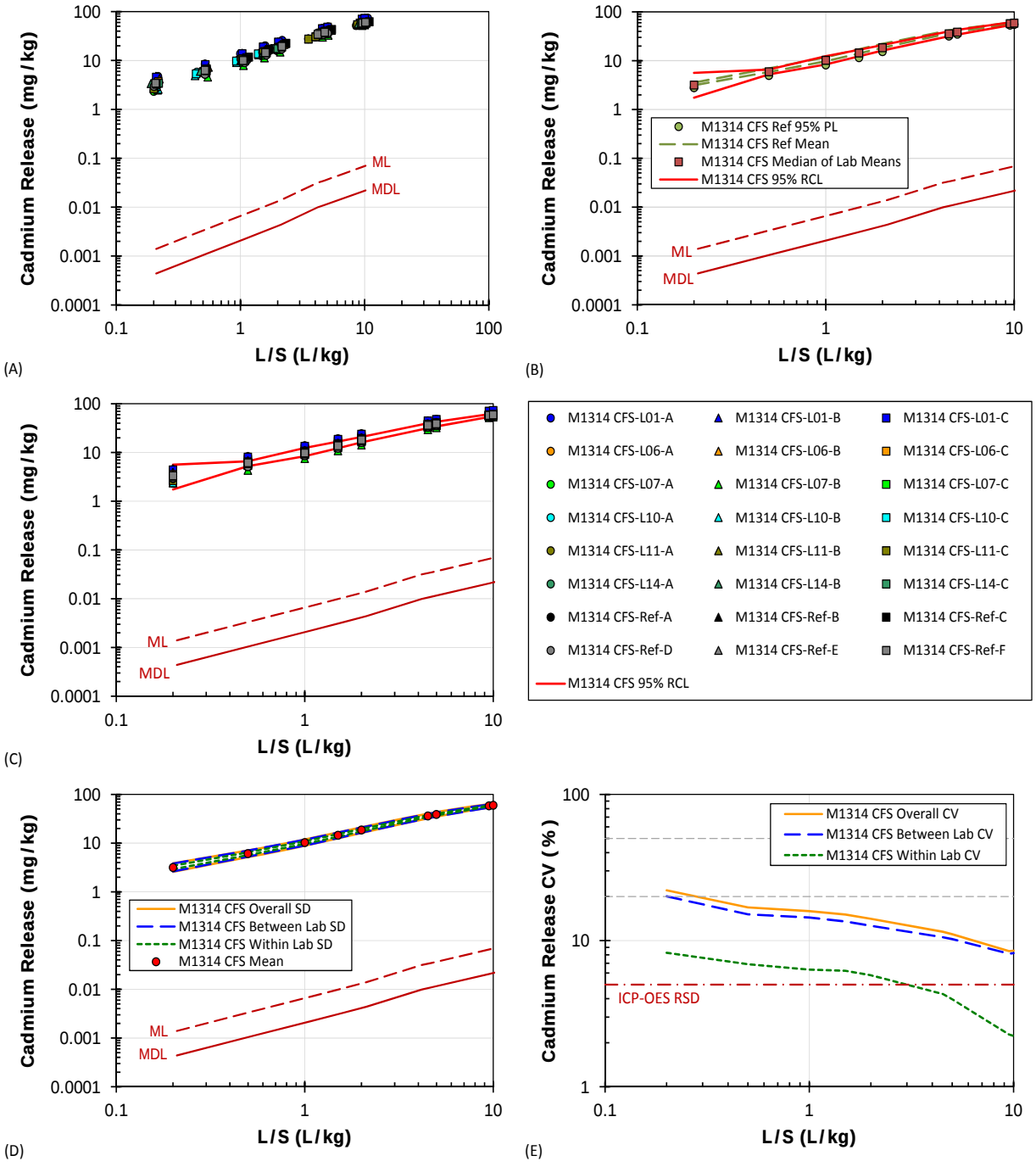

Figure 46. Cadmium release from material CFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

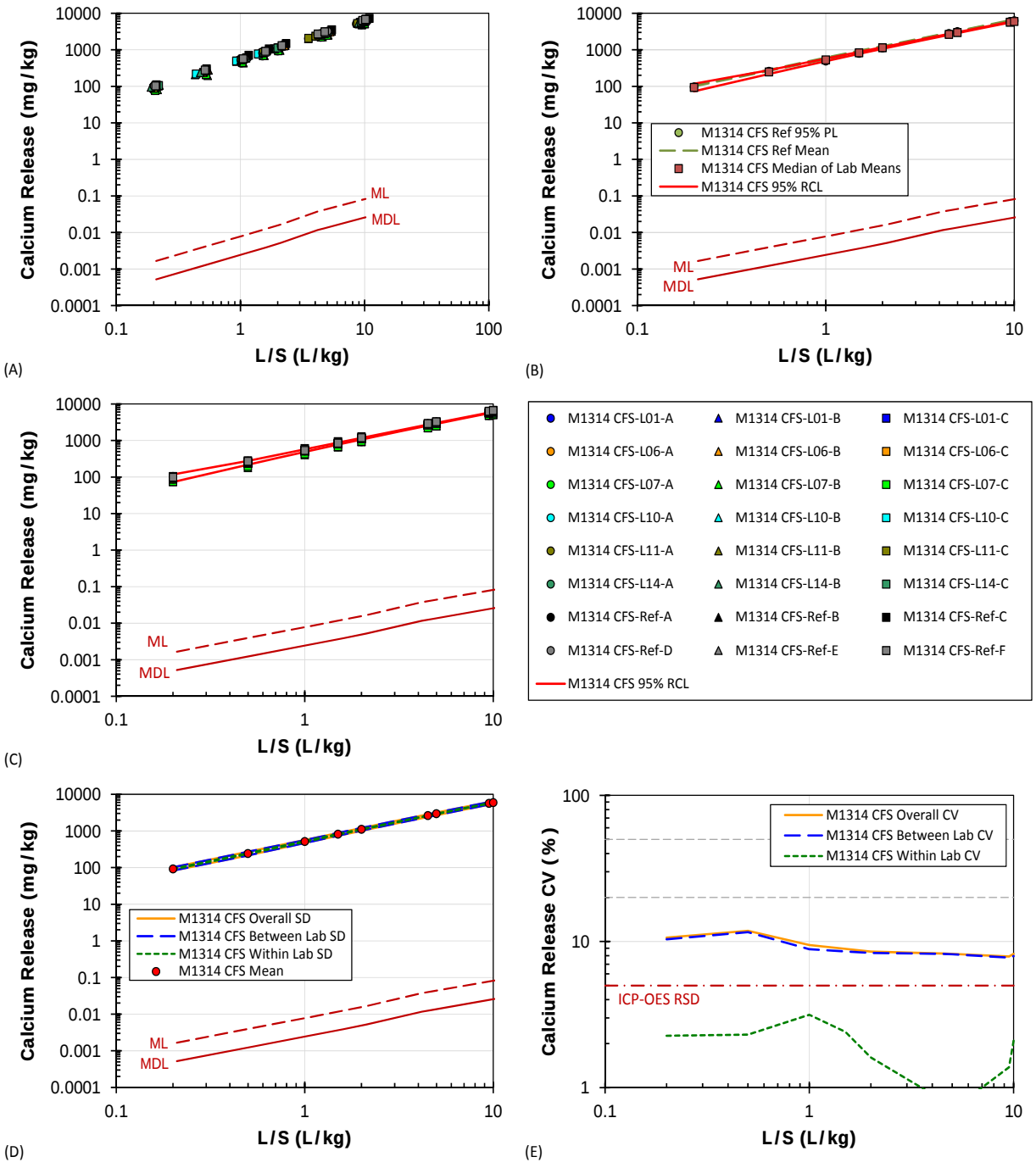

Figure 47. Calcium release from material CFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

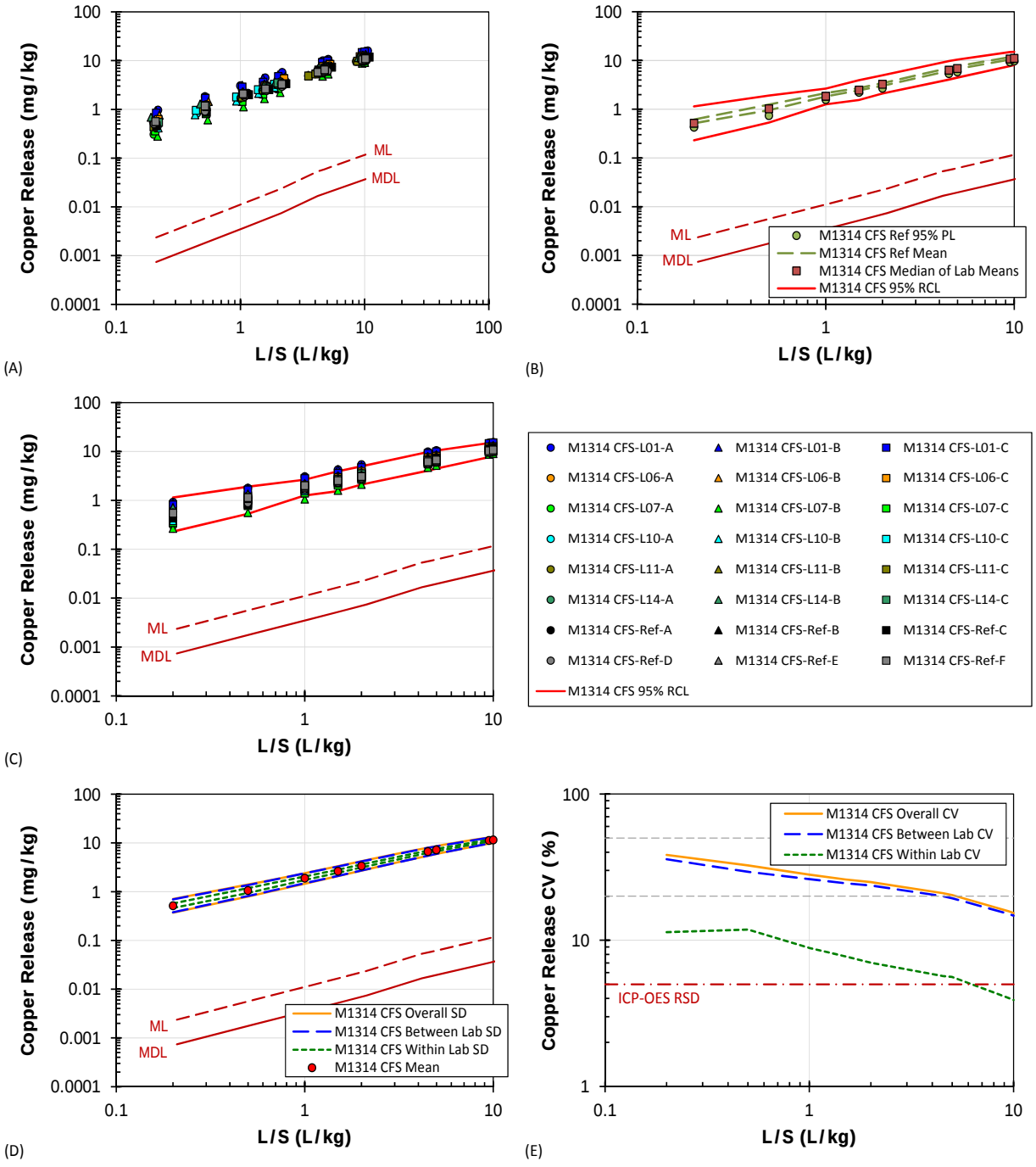

Figure 48. Copper release from material CFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

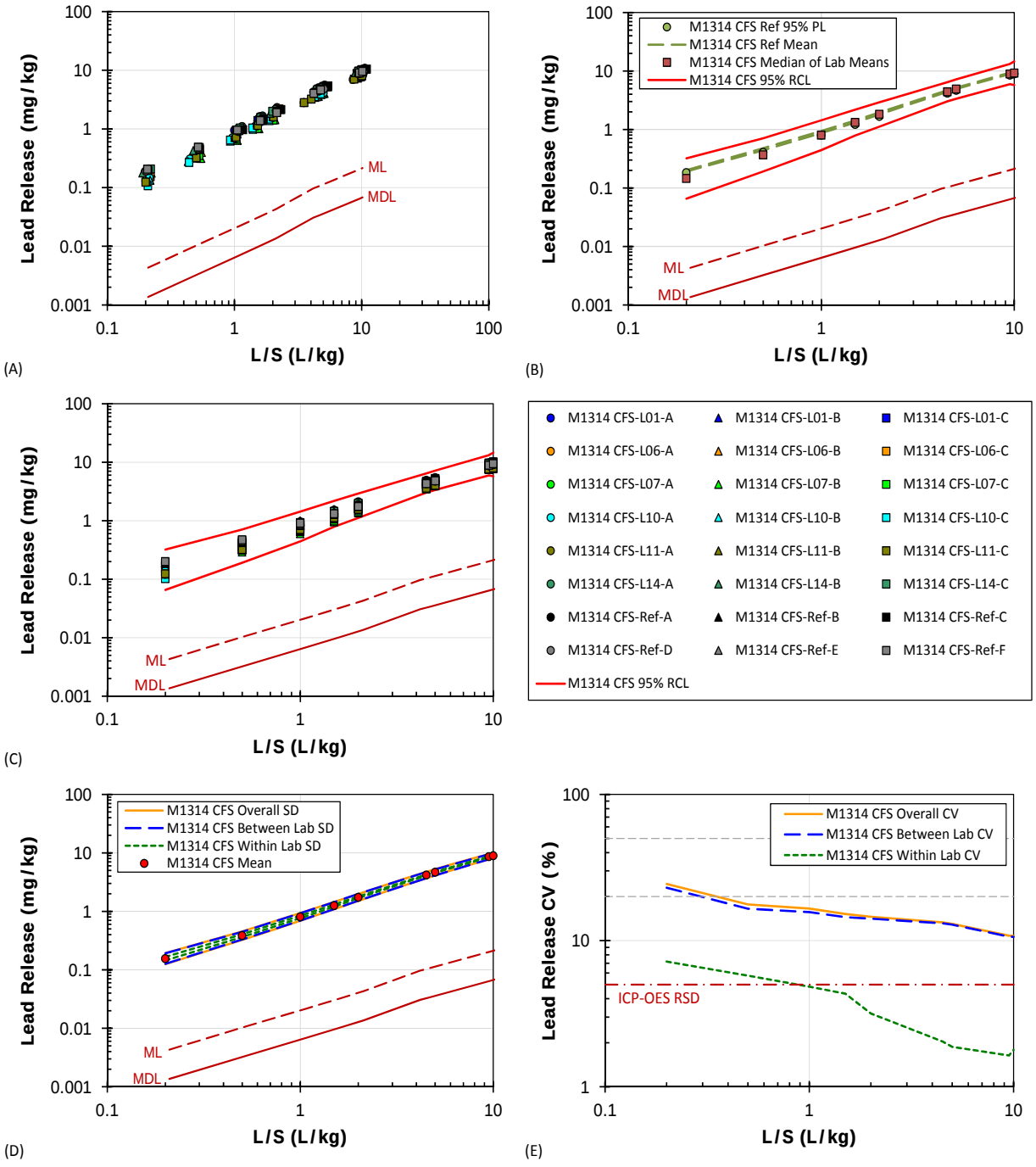

Figure 49. Lead release from material CFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

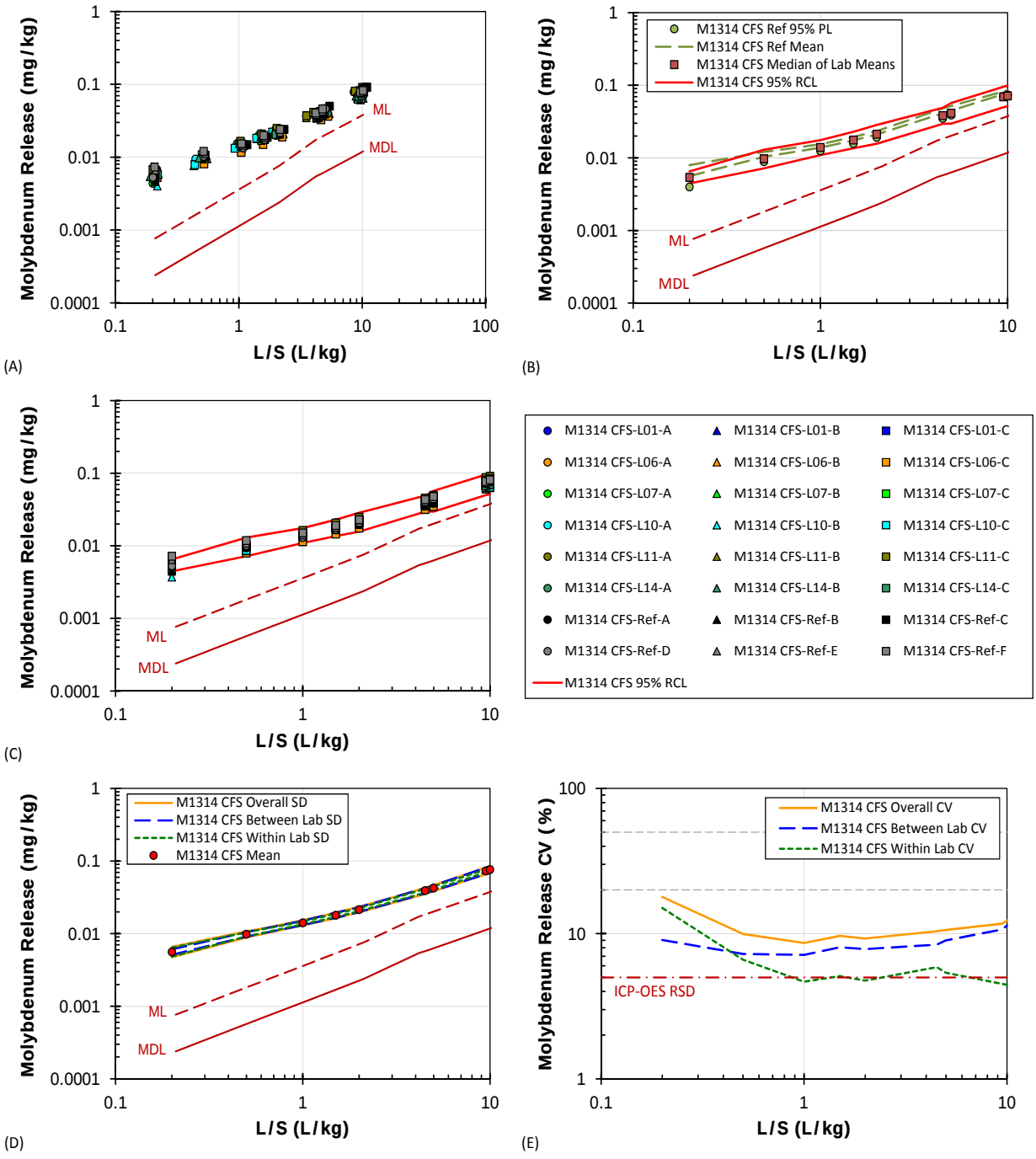

Figure 50. Molybdenum release from material CFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

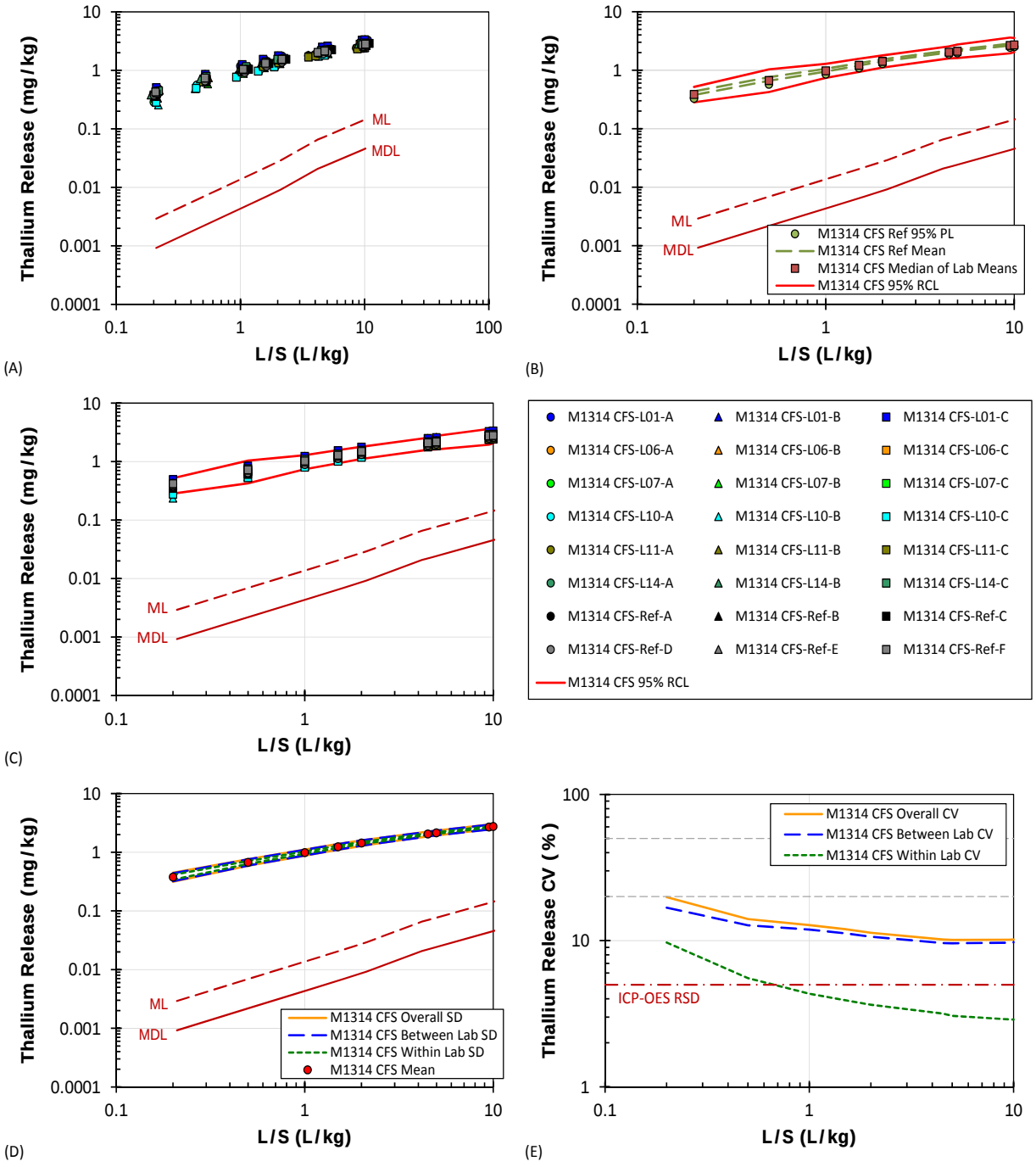

Figure 51. Thallium release from material CFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

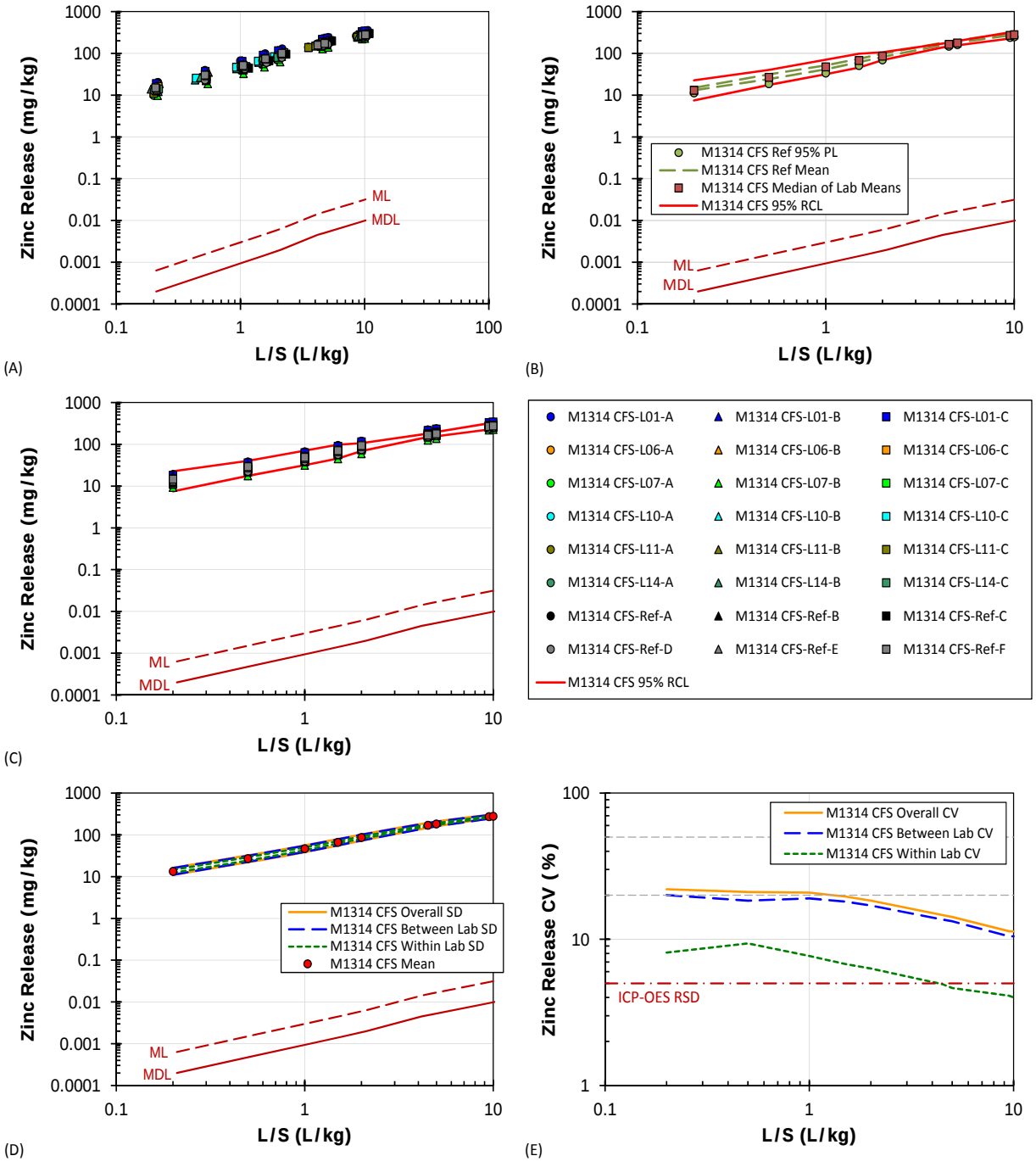

Figure 52. Zinc release from material CFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

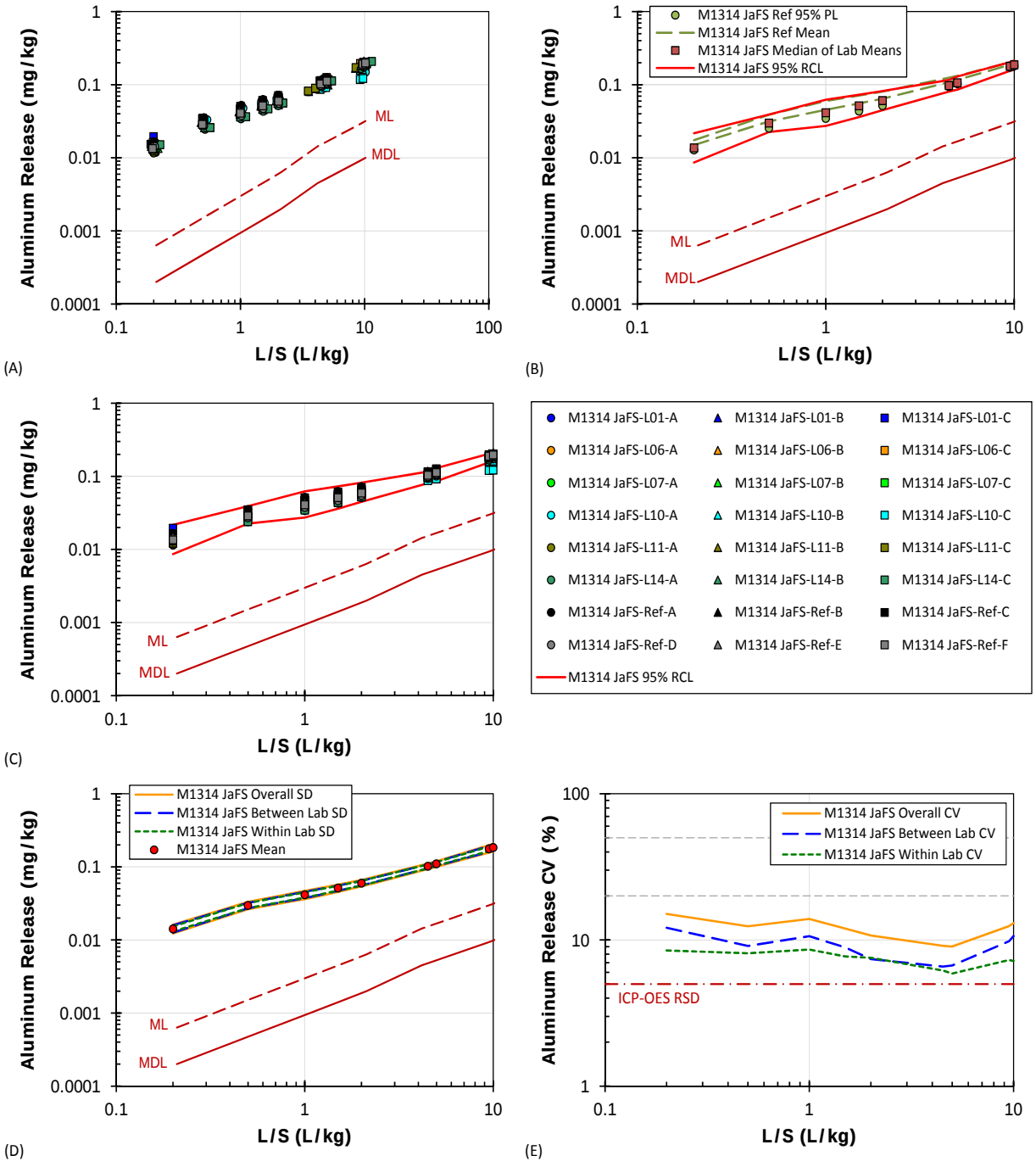

Figure 53. Aluminum release from material JaFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

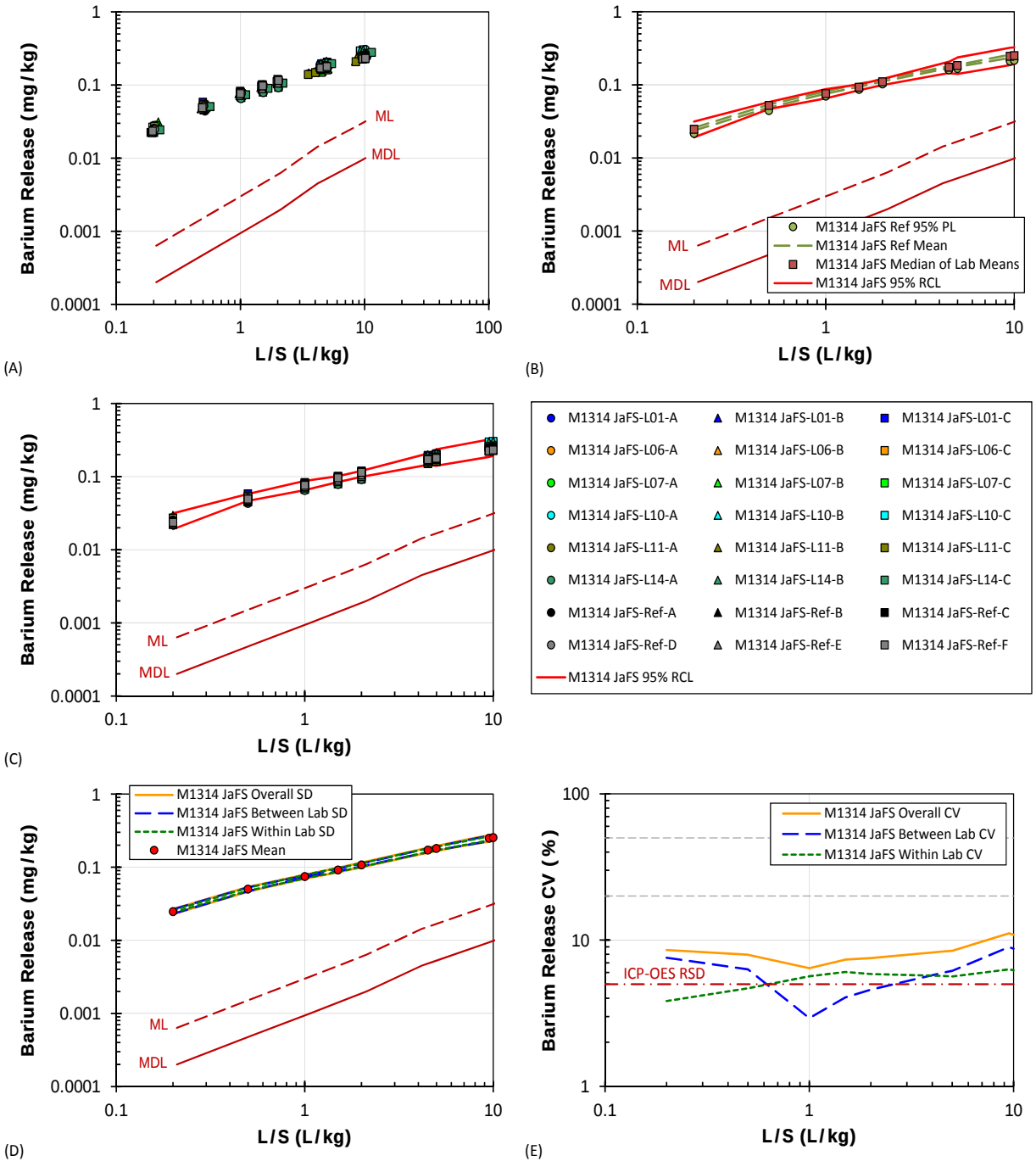

Figure 54. Barium release from material JaFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

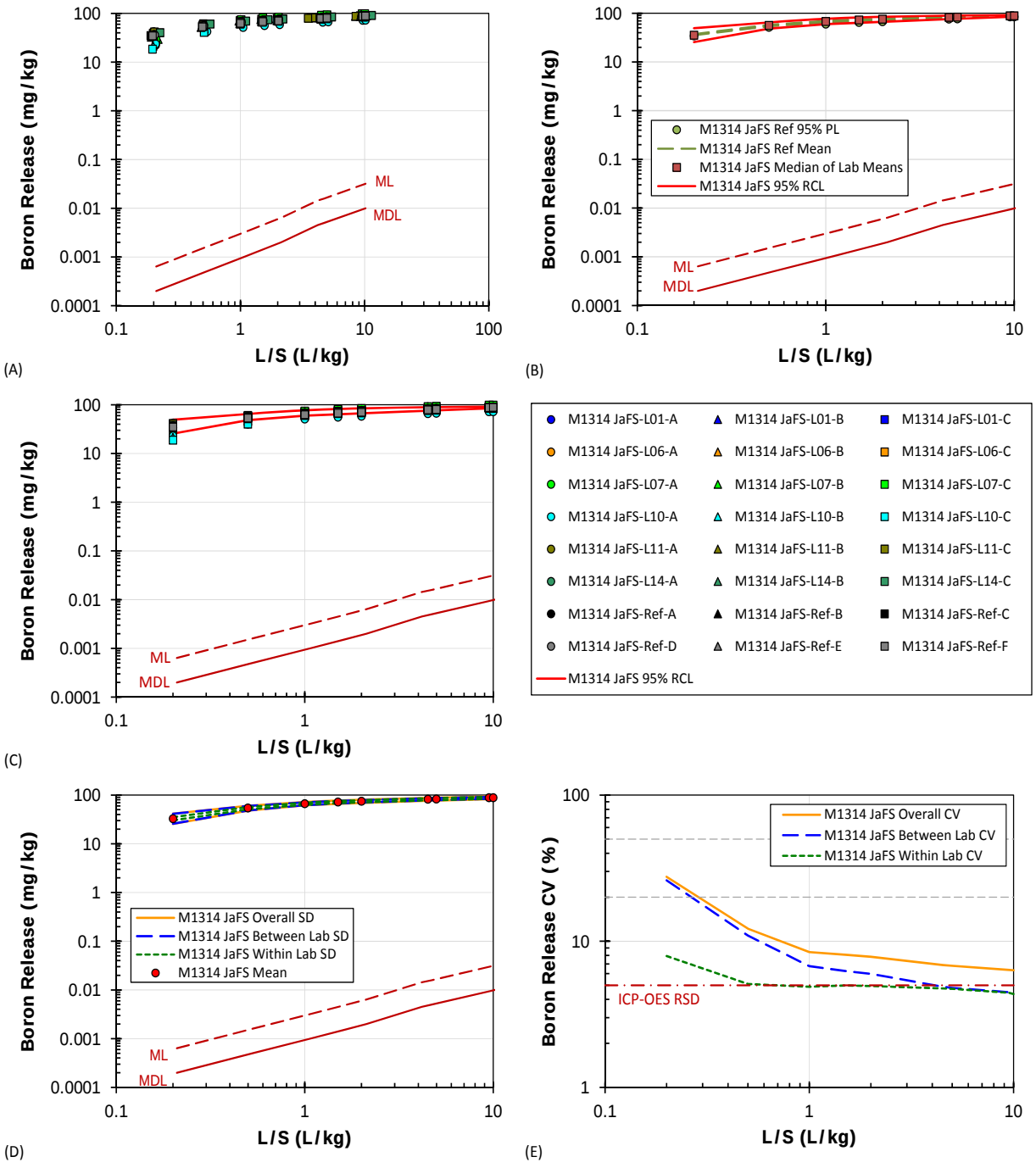

Figure 55. Boron release from material JaFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

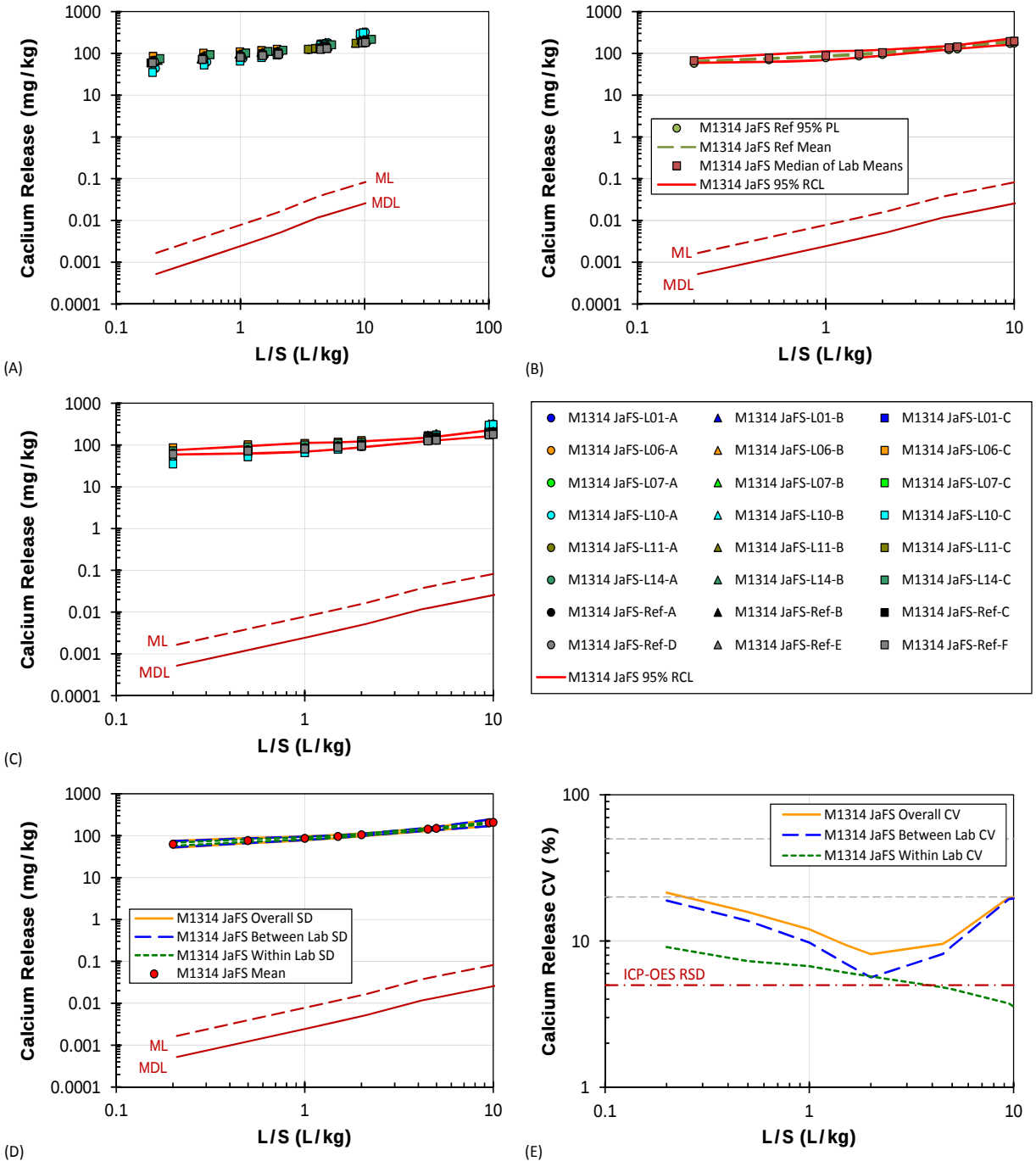

Figure 56. Calcium release from material JaFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

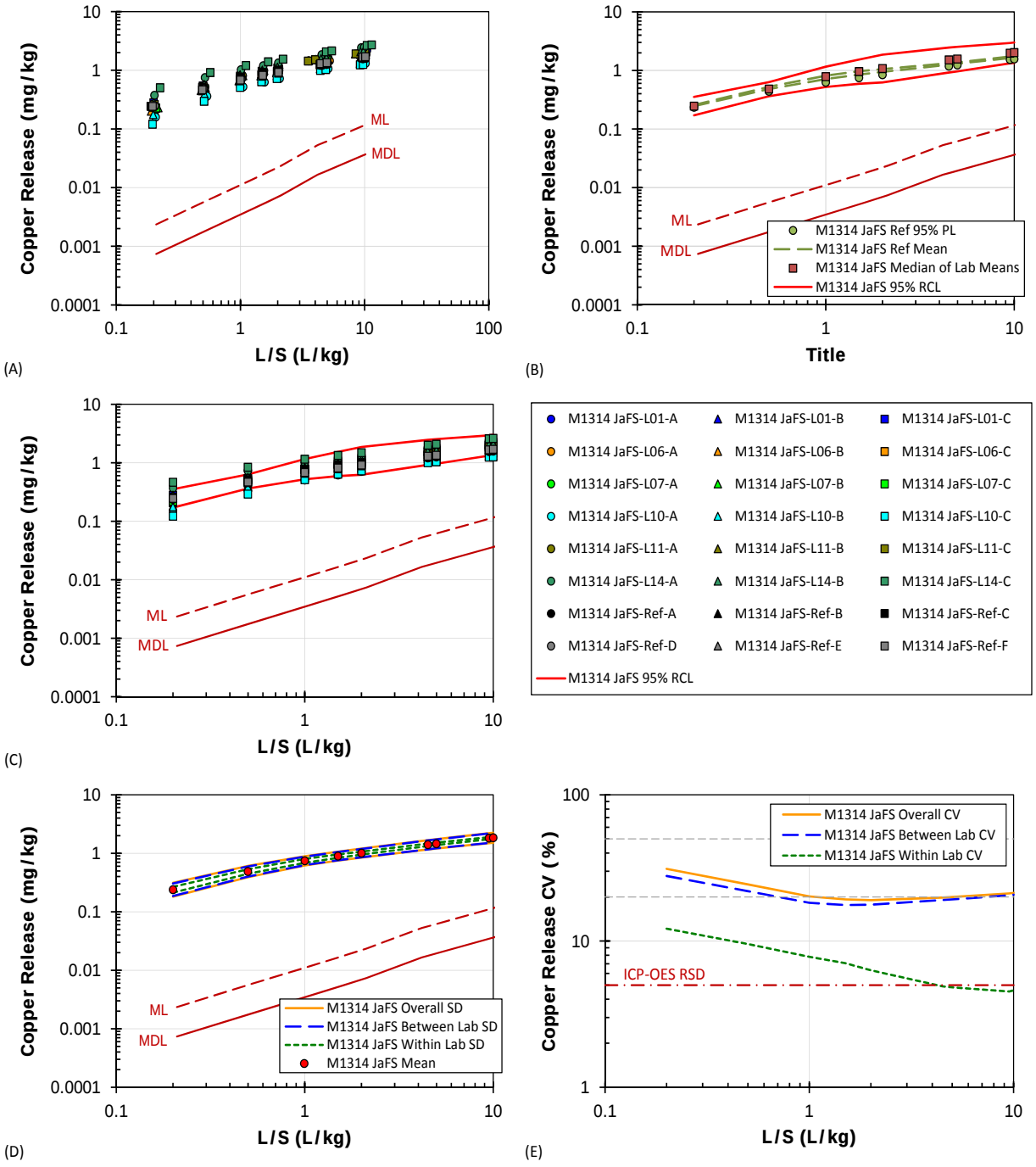

Figure 57. Copper release from material JaFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

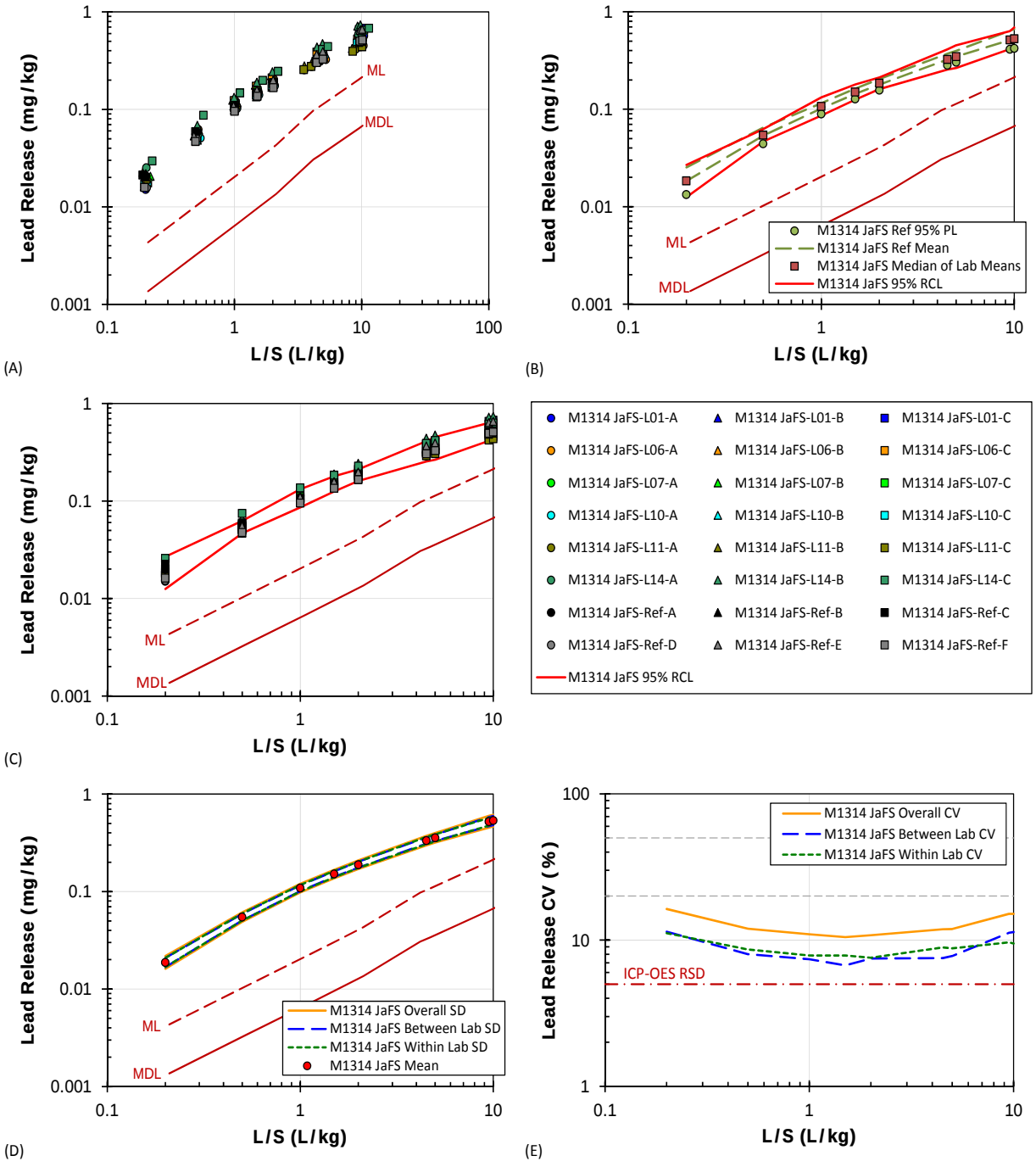

Figure 58. Lead release from material JaFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

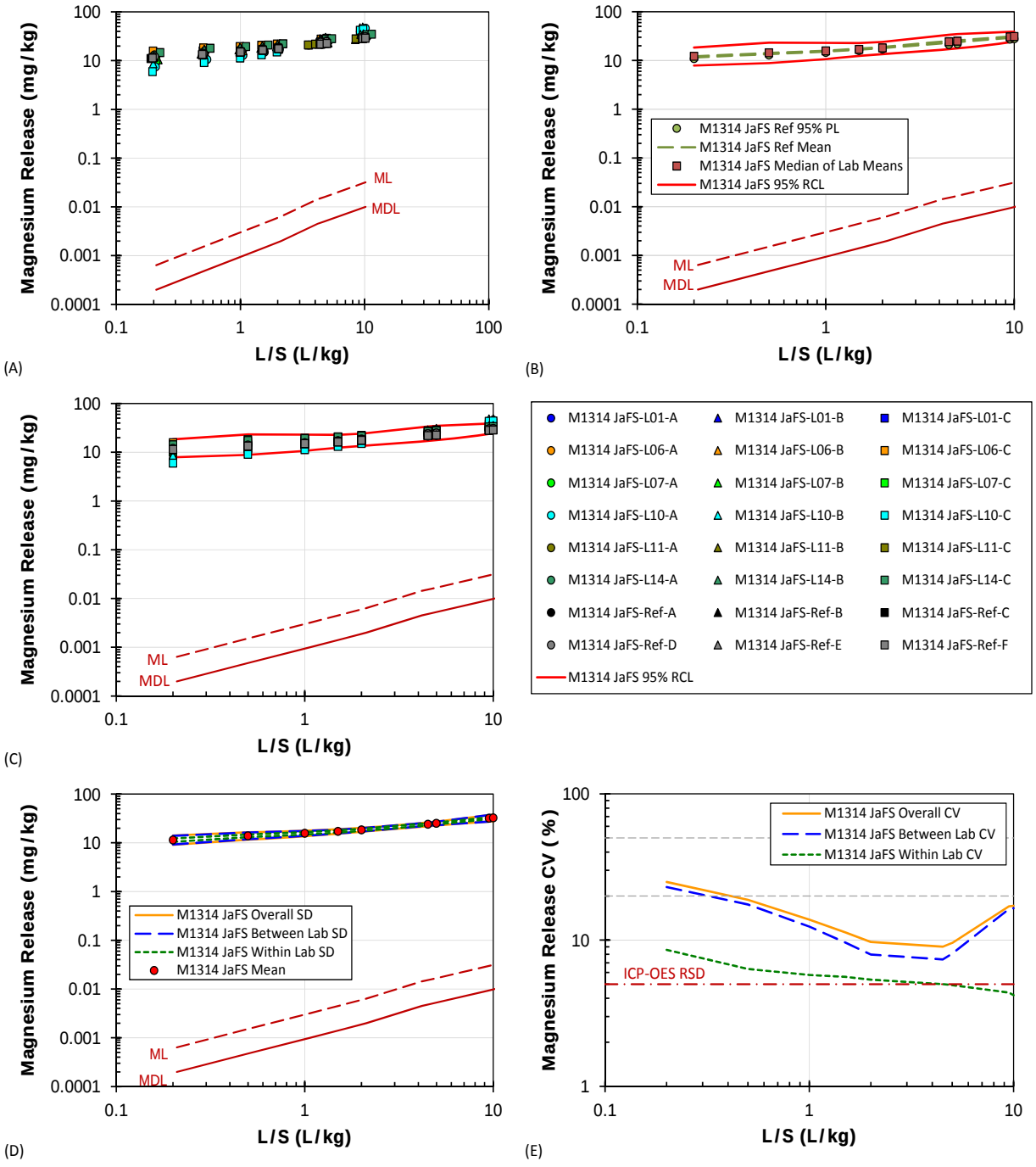

Figure 59. Magnesium release from material JaFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

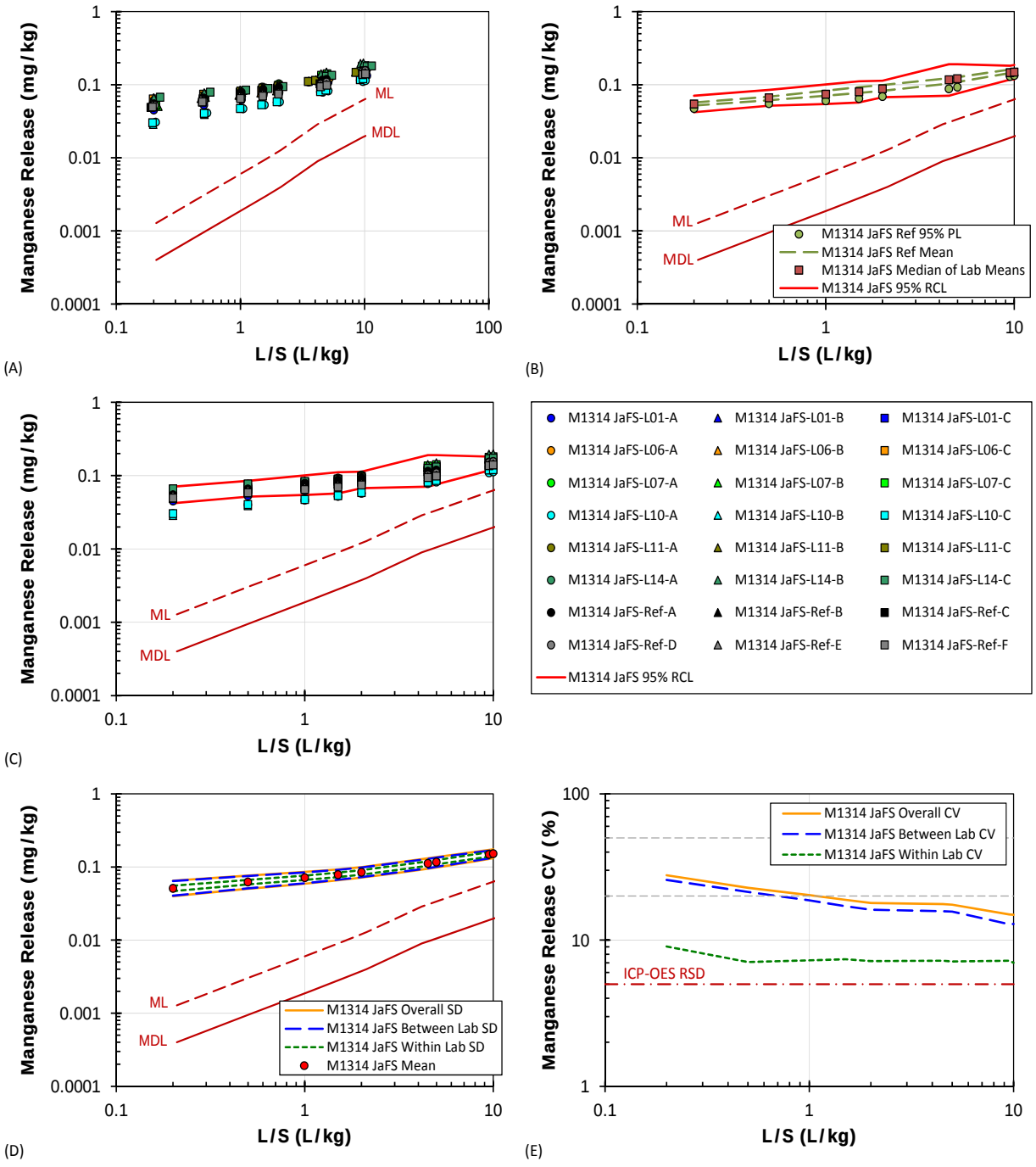

Figure 60. Manganese release from material JaFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

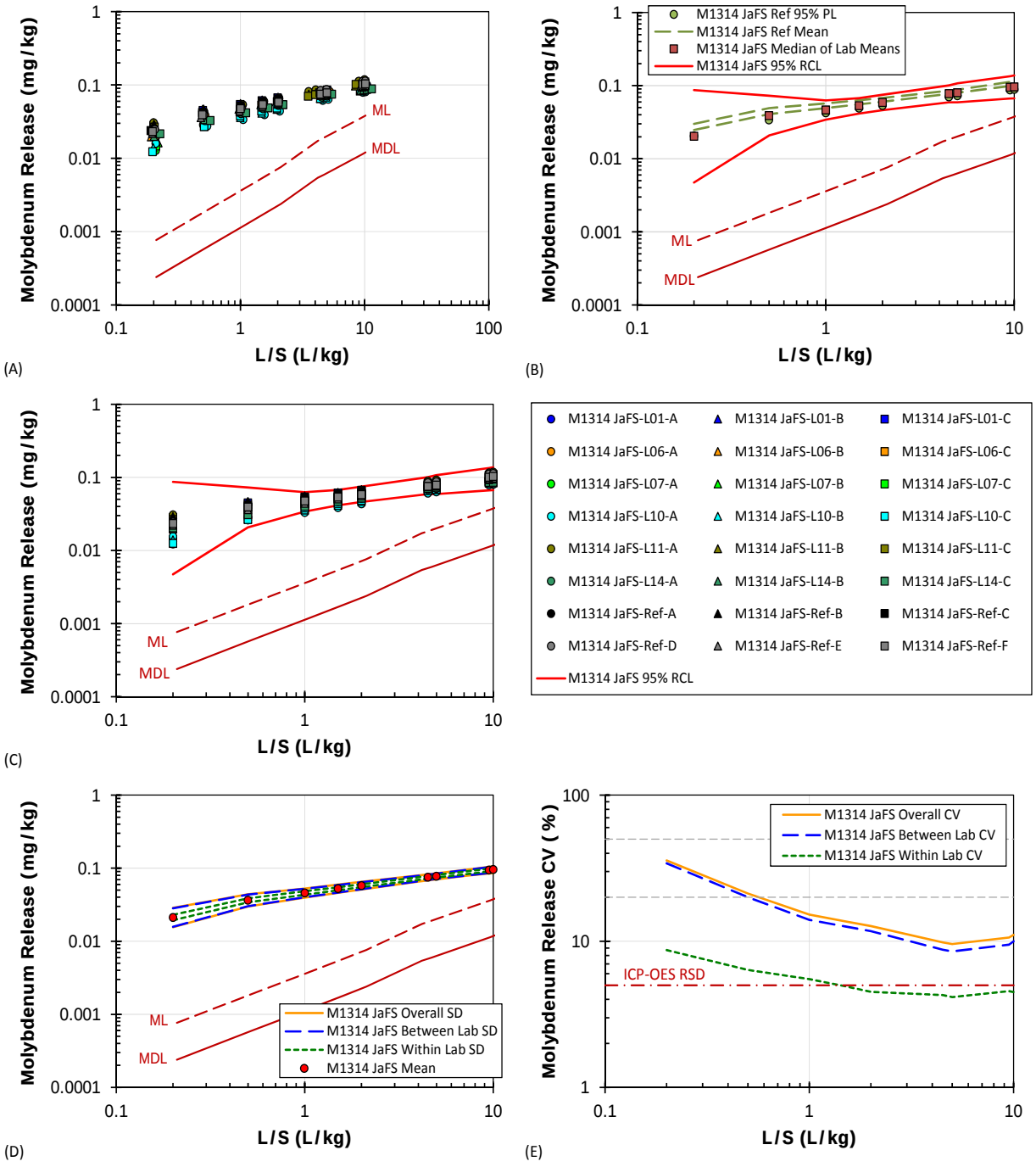

Figure 61. Molybdenum release from material JaFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

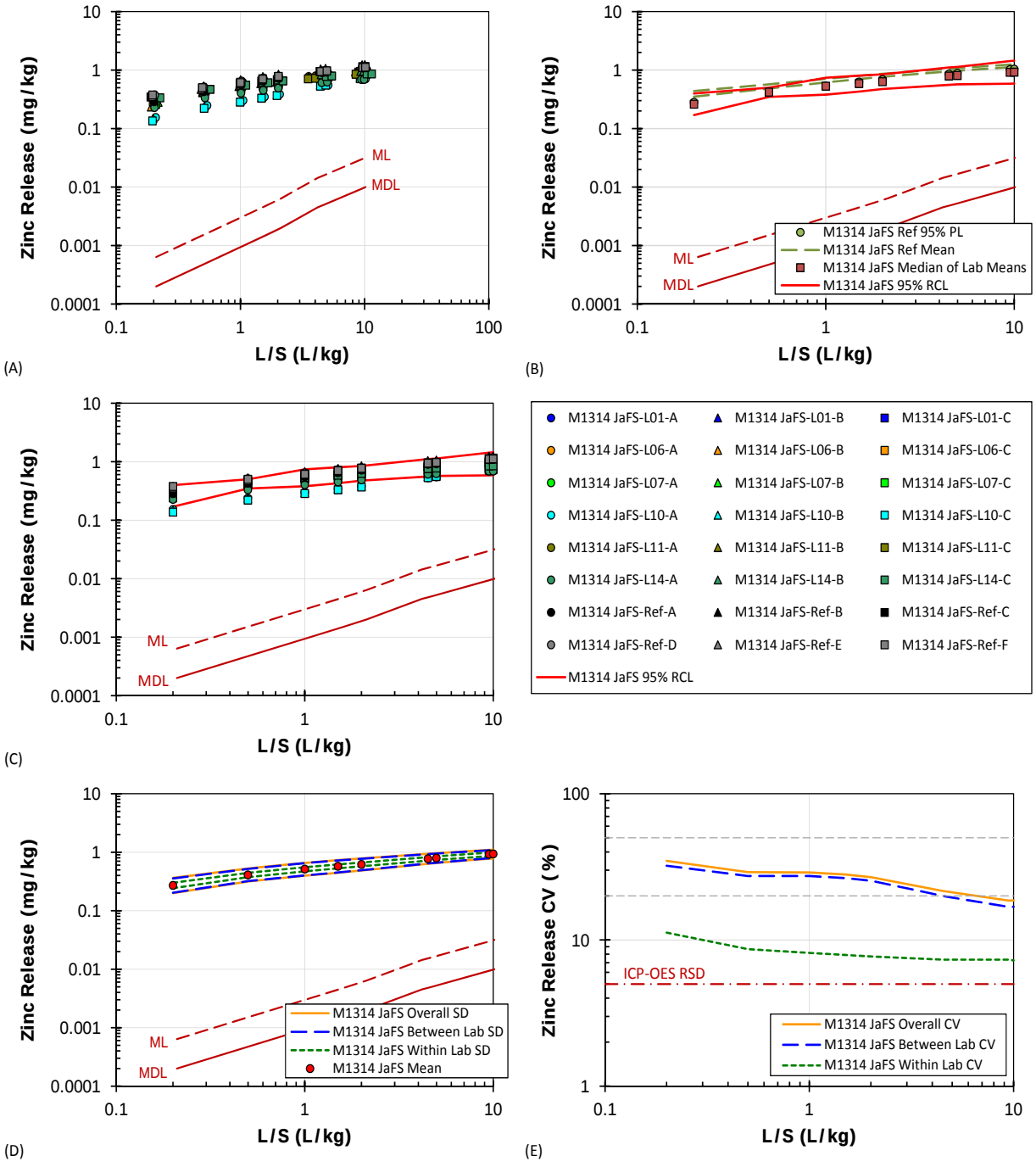

Figure 62. Zinc release from material JaFS using Method 1314. (A) calculated data as a function of L/S; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) interpolated data and 95% RCL intervals (red lines); (D) intervals about the mean of all data for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation; (E) coefficient of variation for "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

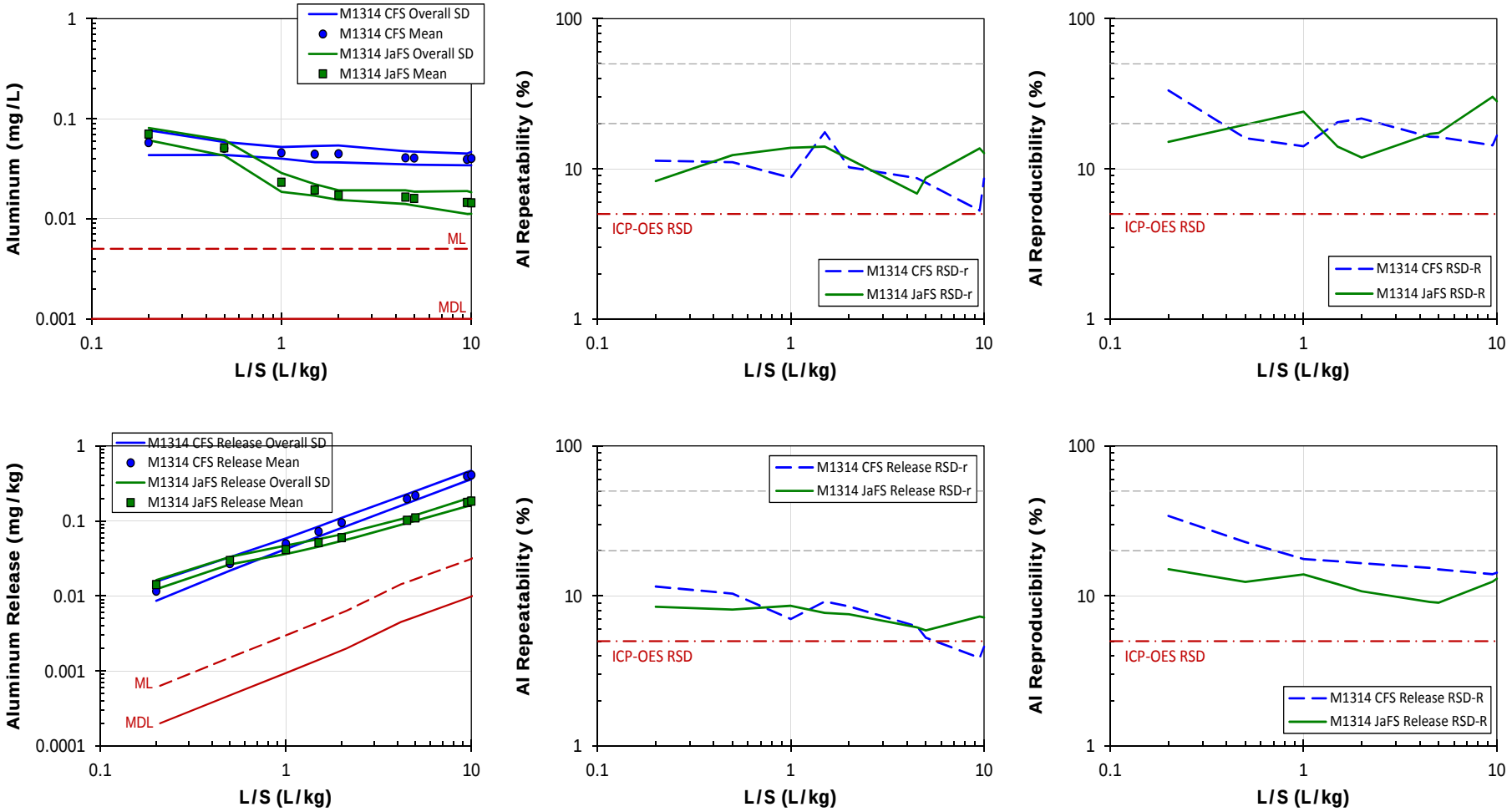

Figure 63. Comparisons of statistical analyses for aluminum from Method 1314 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

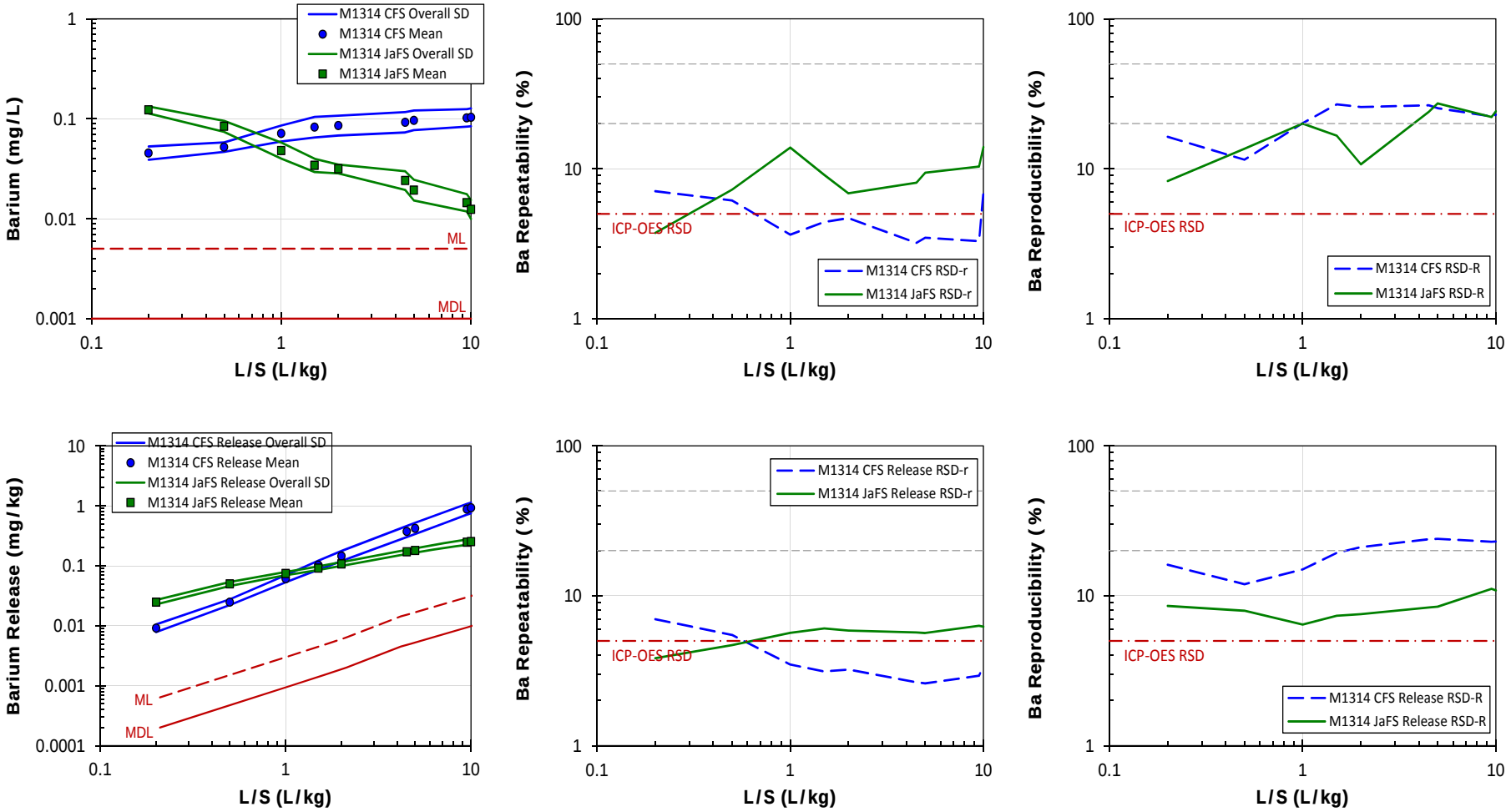

Figure 64. Comparisons of statistical analyses for barium from Method 1314 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

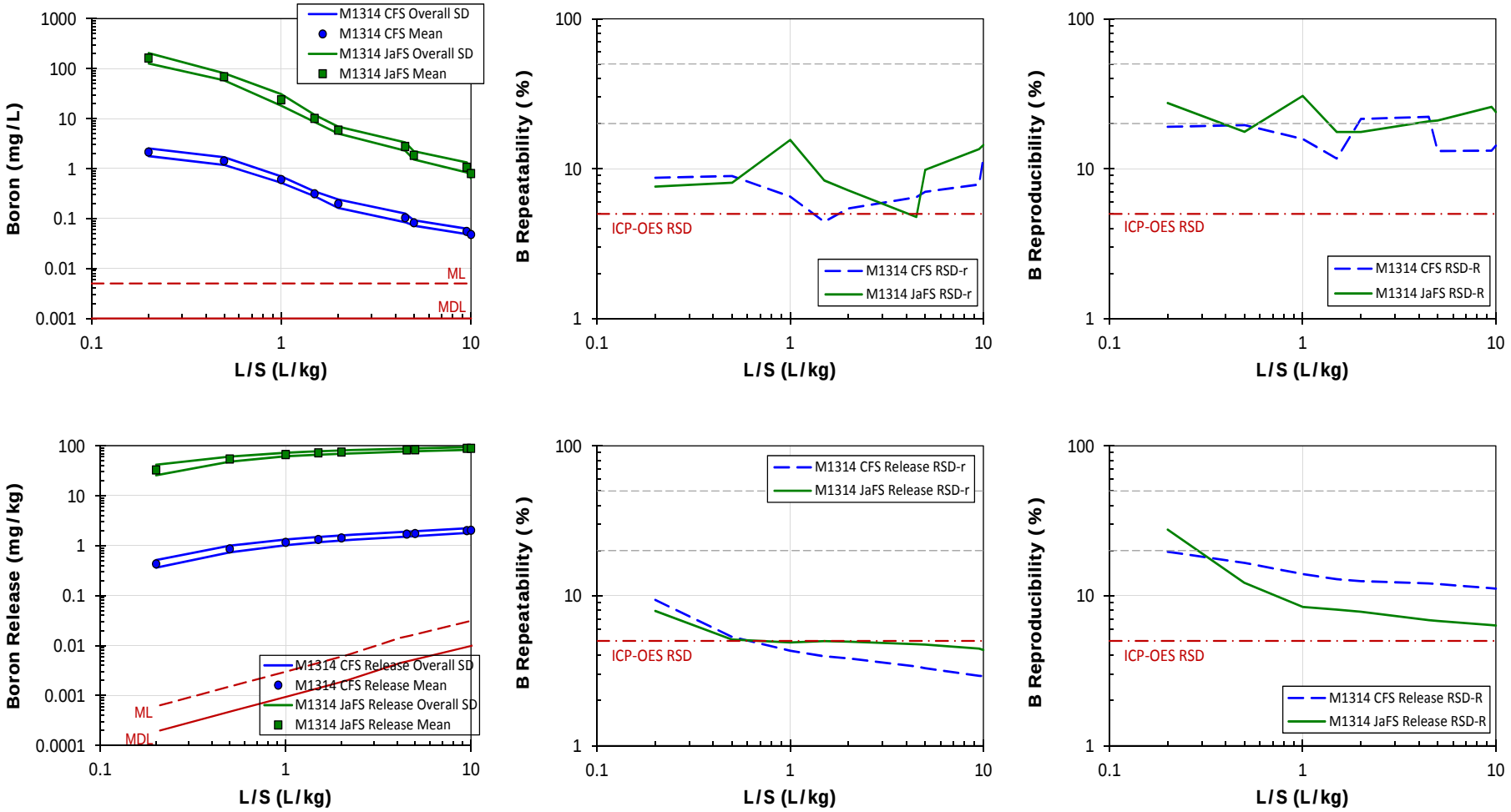

Figure 65. Comparisons of statistical analyses for boron from Method 1314 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

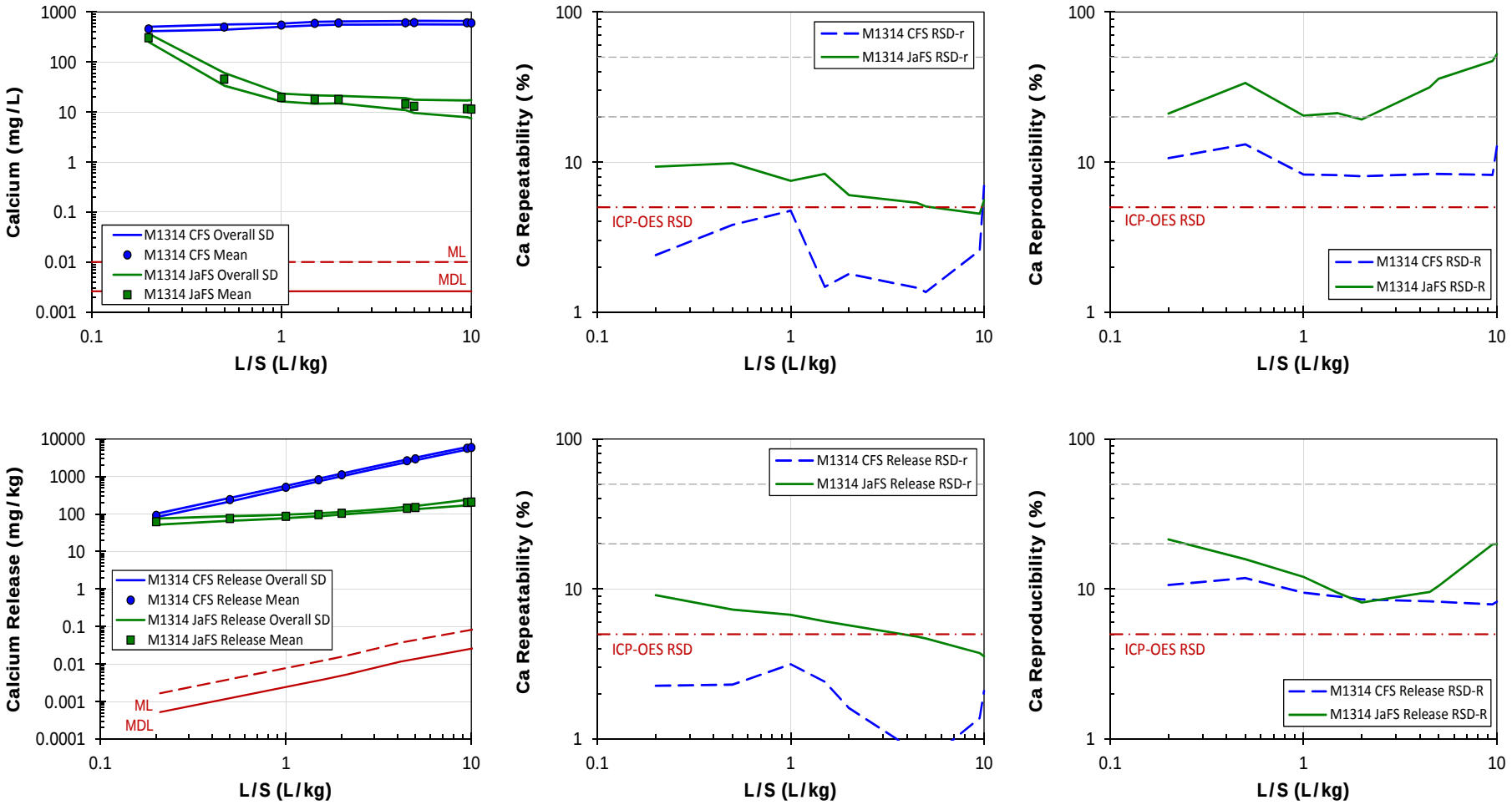

Figure 66. Comparisons of statistical analyses for calcium from Method 1314 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

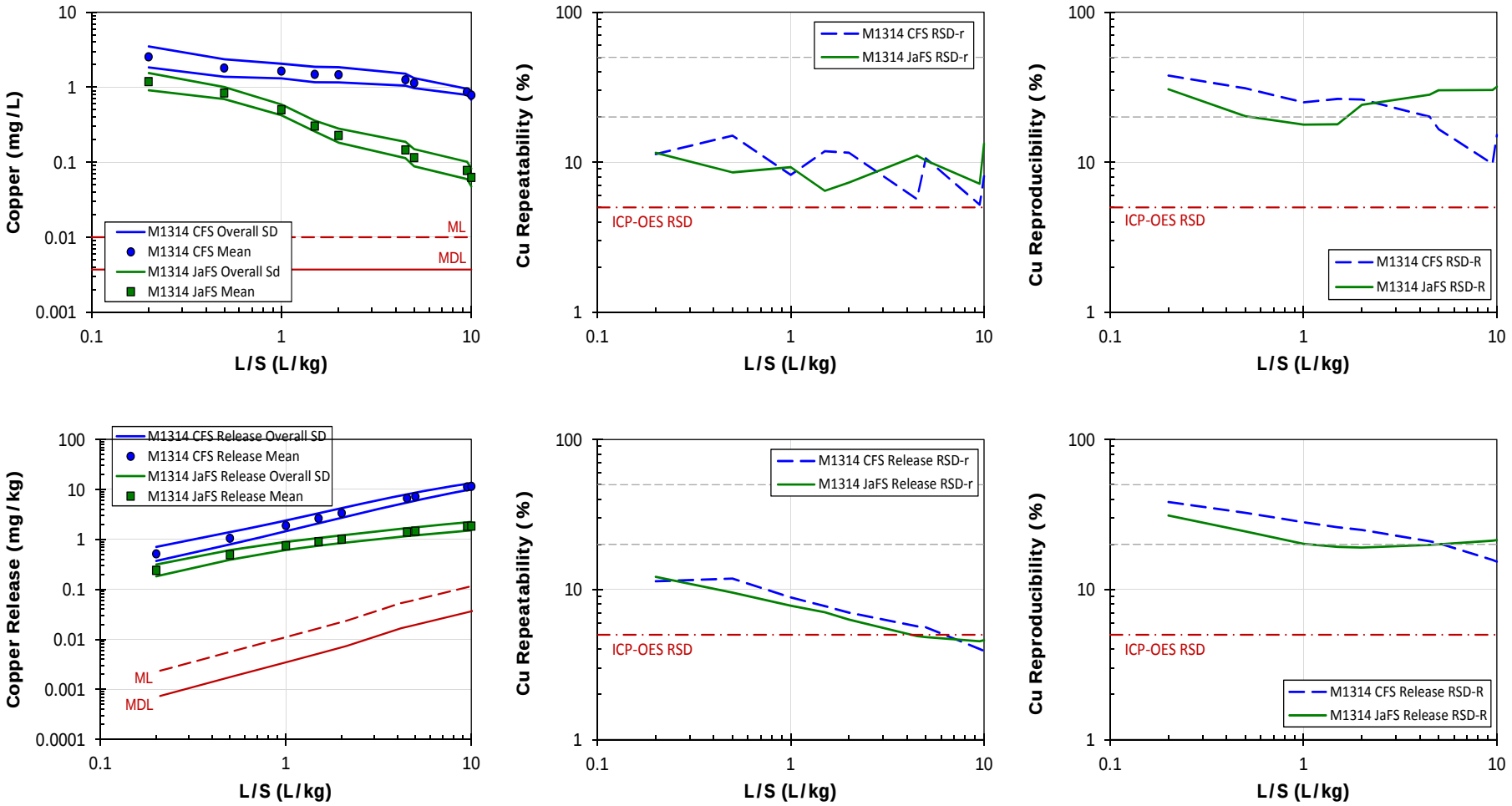

Figure 67. Comparisons of statistical analyses for copper from Method 1314 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

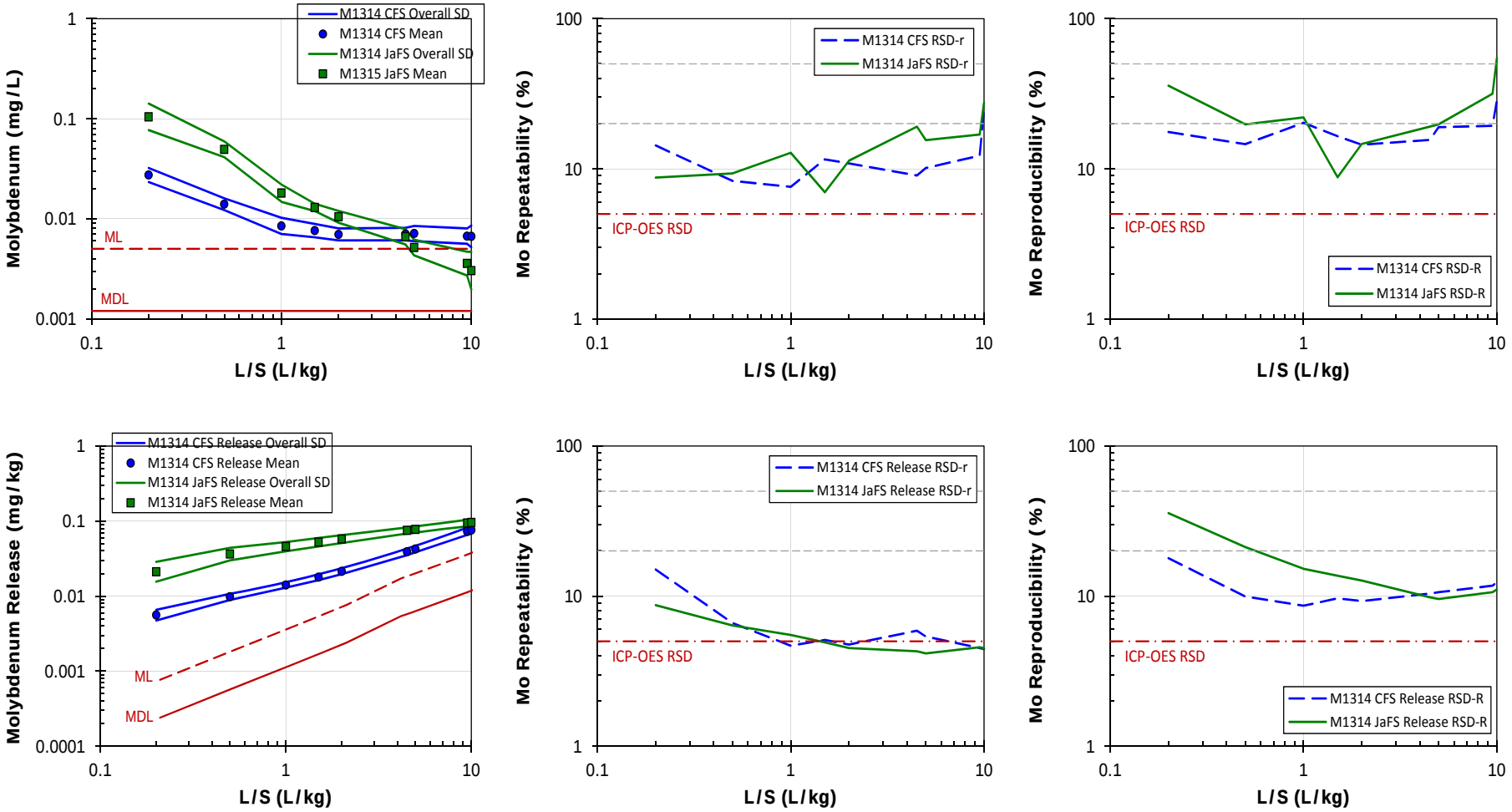

Figure 68. Comparisons of statistical analyses for molybdenum from Method 1314 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

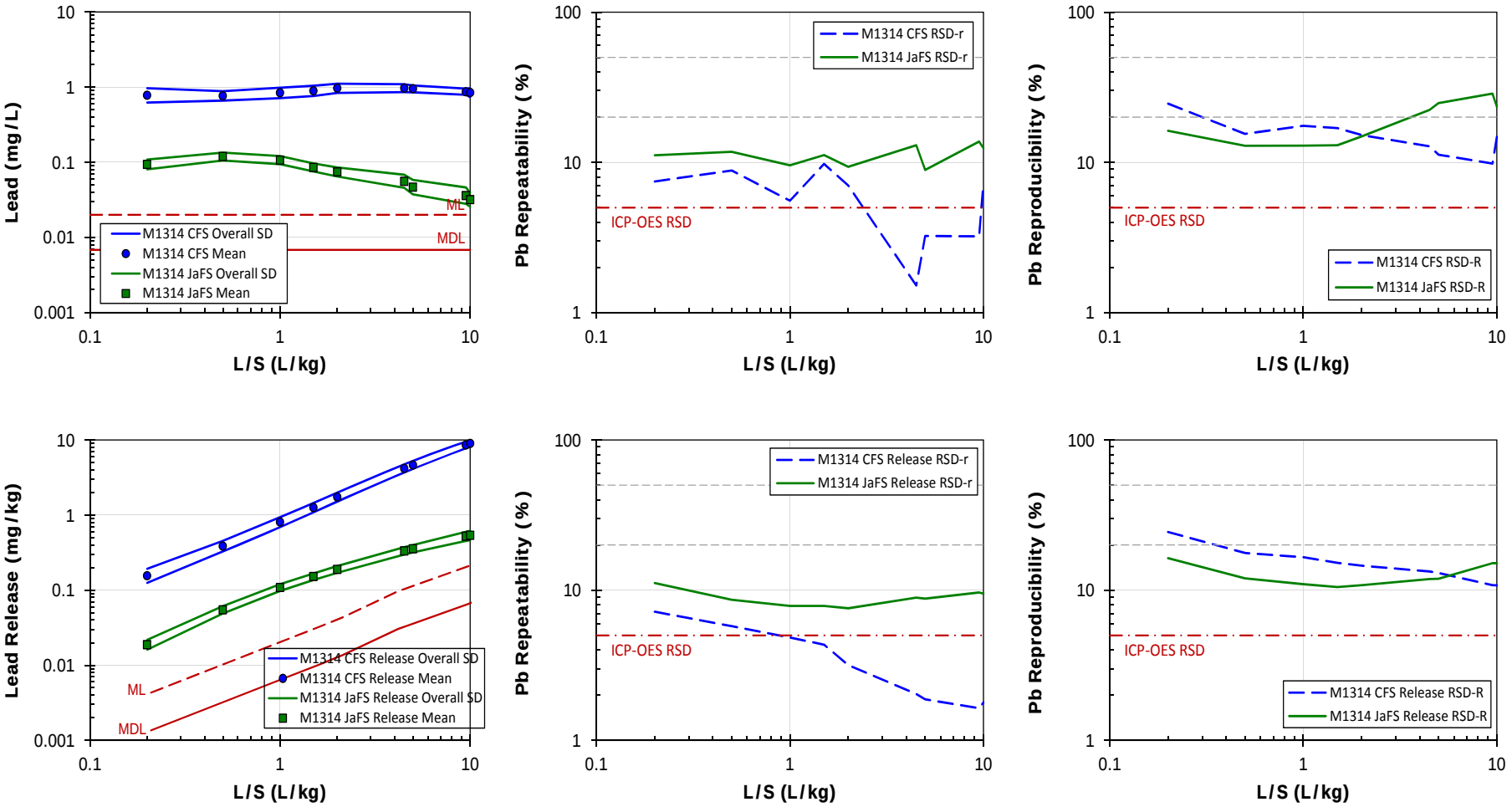

Figure 69. Comparisons of statistical analyses for lead from Method 1314 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

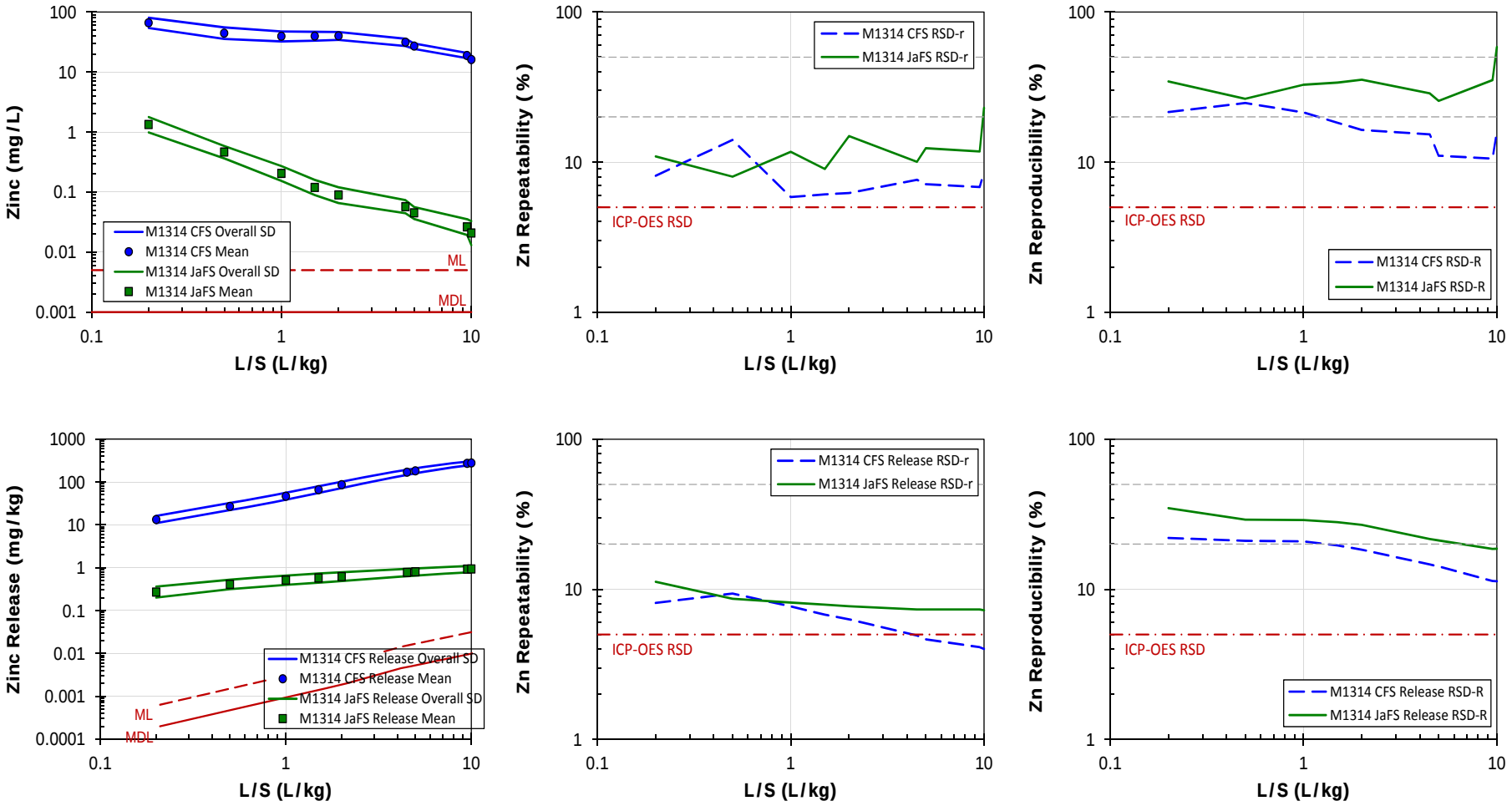

Figure 70. Comparisons of statistical analyses for vanadium from Method 1314 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

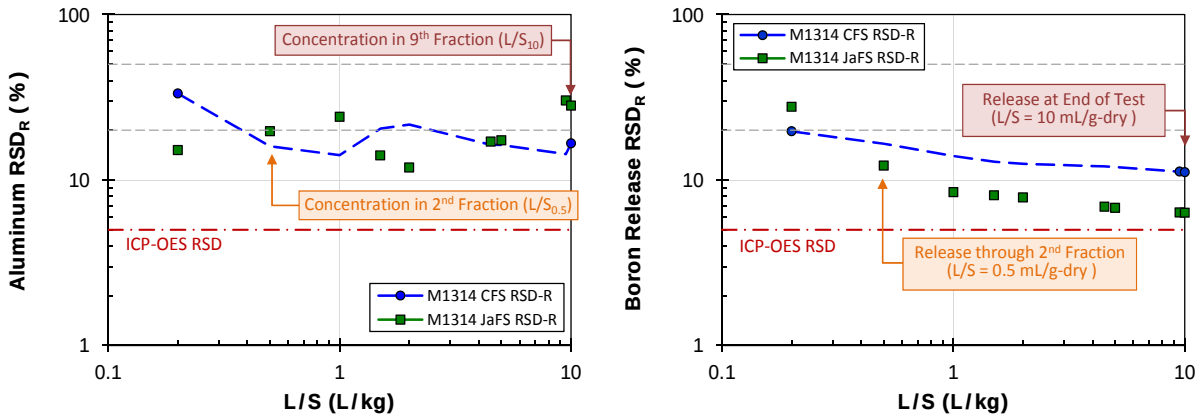

Figure 71. Illustration of scenarios used to summarize precision for Method 1314 concentration (left) and cumulative release (right).

Table 1. Method 1314 Precision Estimates for Concentration (2nd Interval).

		Repeatability		Reproducibility	
Analyte	Symbol	CFS %RSD$_r$	JaFS %RSD$_r$	CFS %RSD$_R$	JaFS %RSD$_R$
Aluminum	Al	11.1	12.3	16.0	19.7
Barium	Ba	6.2	7.3	11.5	13.6
Boron	B	9.0	8.1	19.6	17.6
Cadmium	Cd	10.0	-	15.8	-
Calcium	Ca	3.8	5.6	13.1	33.7
Copper	Cu	15.0	8.6	31.1	20.3
Magnesium	Mg	-	8.5	-	25.4
Manganese	Mn	-	14.6	-	26.9
Molybdenum	Mo	8.3	9.3	14.6	19.8
Lead	Pb	8.8	11.8	15.5	12.9
Thallium	Tl	9.8	-	14.3	
Zinc	Zn	14.0	8.0	24.7	26.4
Material Mean		10%	10%	18%	22%
Overall Mean		**10% Repeatability**		**20% Reproducibility**	

Table 2. Method 1314 Precision Estimates for Concentration (9th Interval).

		Repeatability		Reproducibility	
Analyte	Symbol	CFS %RSD$_r$	JaFS %RSD$_r$	CFS %RSD$_R$	JaFS %RSD$_R$
Aluminum	Al	8.6	12.7	16.6	28.2
Barium	Ba	6.9	13.9	23.0	24.2
Boron	B	11.9	14.4	14.3	23.9
Cadmium	Cd	9.2	-	14.6	-
Calcium	Ca	6.9	5.6	12.7	52.5
Copper	Cu	8.1	13.3	15.2	31.8
Magnesium	Mg	-	7.7	-	53.3
Manganese	Mn	-	22.0	-	26.6
Molybdenum	Mo	25.2	27.5	28.4	54.4
Lead	Pb	7.3	12.4	14.8	23.5
Thallium	Tl	9.6	-	19.2	-
Zinc	Zn	8.6	23.0	16.0	58.5
Material Mean		10%	15%	18%	38%
Overall Mean		**13% Repeatability**		**28% Reproducibility**	

Table 3. Method 1314 Precision Estimates for Cumulative Release to L/S =0.5 mL/g-dry.

		Repeatability		Reproducibility	
Analyte	Symbol	CFS %RSD$_r$	JaFS %RSD$_r$	CFS %RSD$_R$	JaFS %RSD$_R$
Aluminum	Al	10.3	8.1	22.9	12.4
Barium	Ba	5.5	4.7	11.9	7.9
Boron	B	5.3	5.1	16.6	12.2
Cadmium	Cd	6.9	-	16.9	-
Calcium	Ca	2.3	7.3	11.9	15.8
Copper	Cu	11.8	9.5	32.4	24.4
Magnesium	Mg	-	6.4	-	18.9
Manganese	Mn	-	7.1	-	22.8
Molybdenum	Mo	6.6	6.4	10.0	21.3
Lead	Pb	5.8	8.6	17.7	12.0
Thallium	Tl	5.5	-	14.0	-
Zinc	Zn	9.4	8.7	21.0	29.1
Material Mean		7%	7%	18%	18%
Overall Mean		**7% Repeatability**		**18% Reproducibility**	

Table 4. Method 1314 Precision Estimates for Cumulative Release at L/S=10 mL/g-dry.

		Repeatability		Reproducibility	
Analyte	Symbol	CFS $\%RSD_r$	JaFS $\%RSD_r$	CFS $\%RSD_R$	JaFS $\%RSD_R$
Aluminum	Al	4.6	7.2	14.3	13.1
Barium	Ba	3.4	6.2	23.0	10.9
Boron	B	2.9	4.4	11.1	6.3
Cadmium	Cd	2.2	-	8.5	-
Calcium	Ca	2.1	3.6	8.2	19.9
Copper	Cu	3.9	4.6	15.3	21.4
Magnesium	Mg	-	4.2	-	17.2
Manganese	Mn	-	7.0	-	14.9
Molybdenum	Mo	4.4	4.5	12.3	11.1
Lead	Pb	1.8	9.5	10.8	15.1
Thallium	Tl	2.9	-	10.2	-
Zinc	Zn	4.0	7.3	11.3	18.6
Material Mean		3%	6%	13%	15%
Overall Mean		**5% Repeatability**		**14% Reproducibility**	

Table 5. Method 1314 Precision Estimate Summary.

	Scenario	Repeatability	Reproducibility
#1	Concentration; 2nd Interval	10%	20%
#2	Concentration; 9th Interval	13%	28%
#3	Cumulative Release; L/S=0.5	7%	18%
#4	Cumulative Release; L/S=10	5%	14%
	Mean Method 1314 Precision	**9%**	**20%**

Appendix F. Method 1315 Results and Precision Estimates

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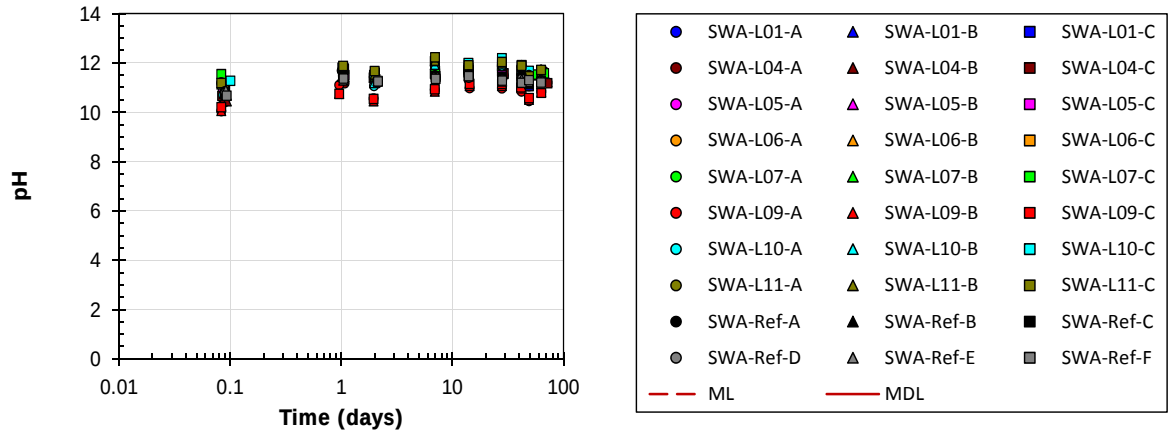

Figure 1. Measured eluate pH from Method 1315 for material SWA.

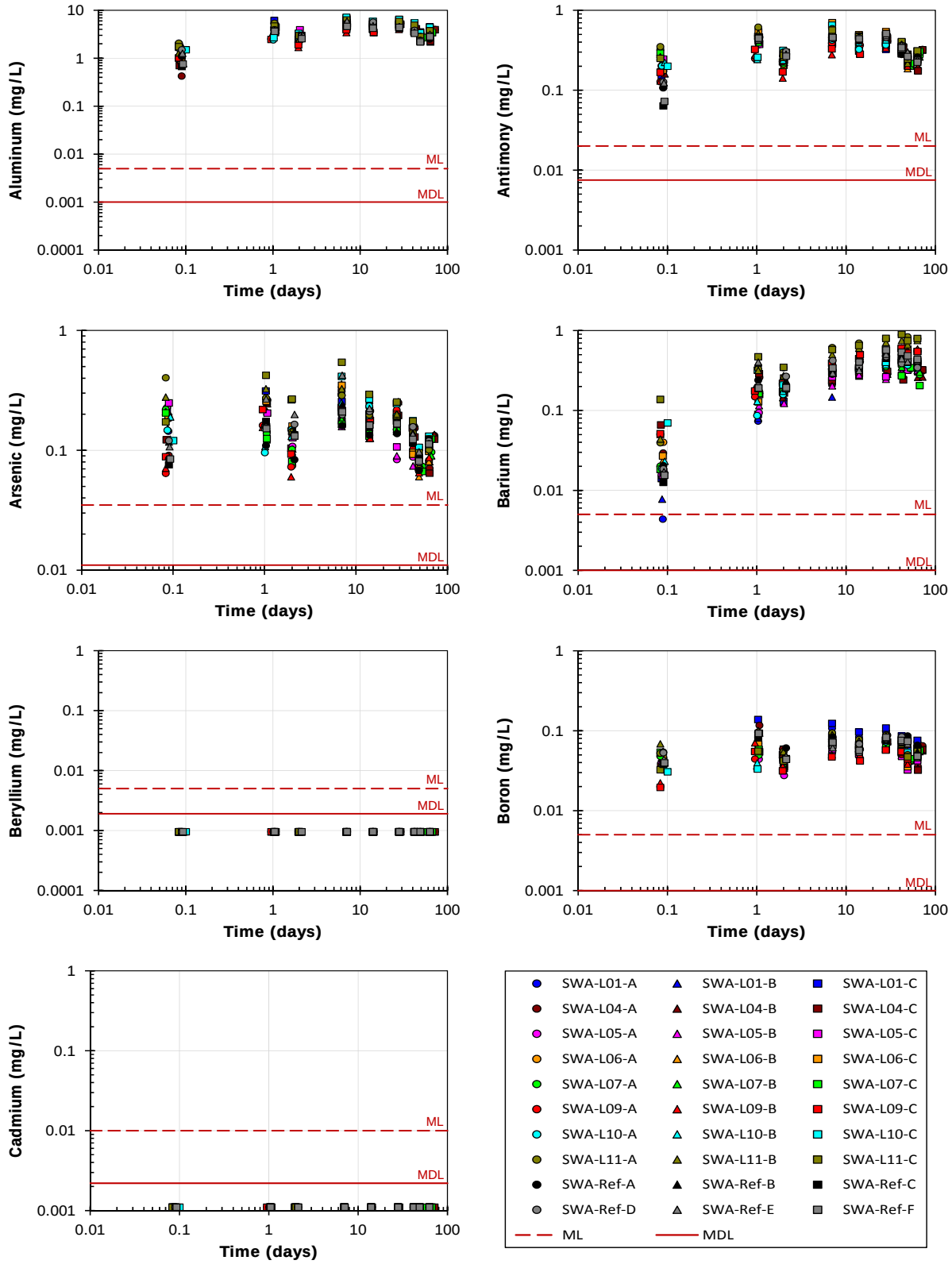

Figure 2. ICP-OES concentrations from Method 1315 for material SWA.

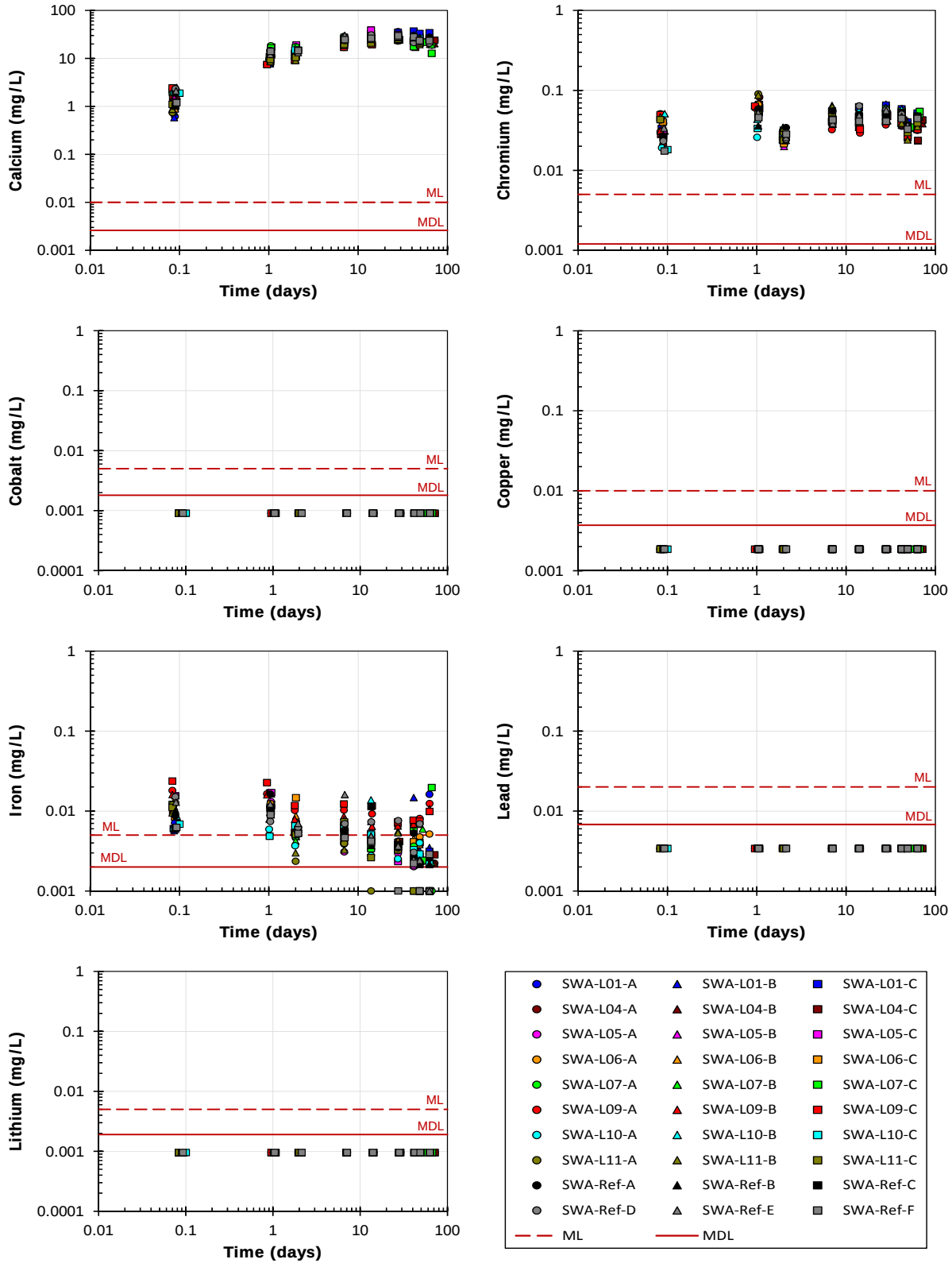

Figure 3. ICP-OES concentrations from Method 1315 for material SWA.

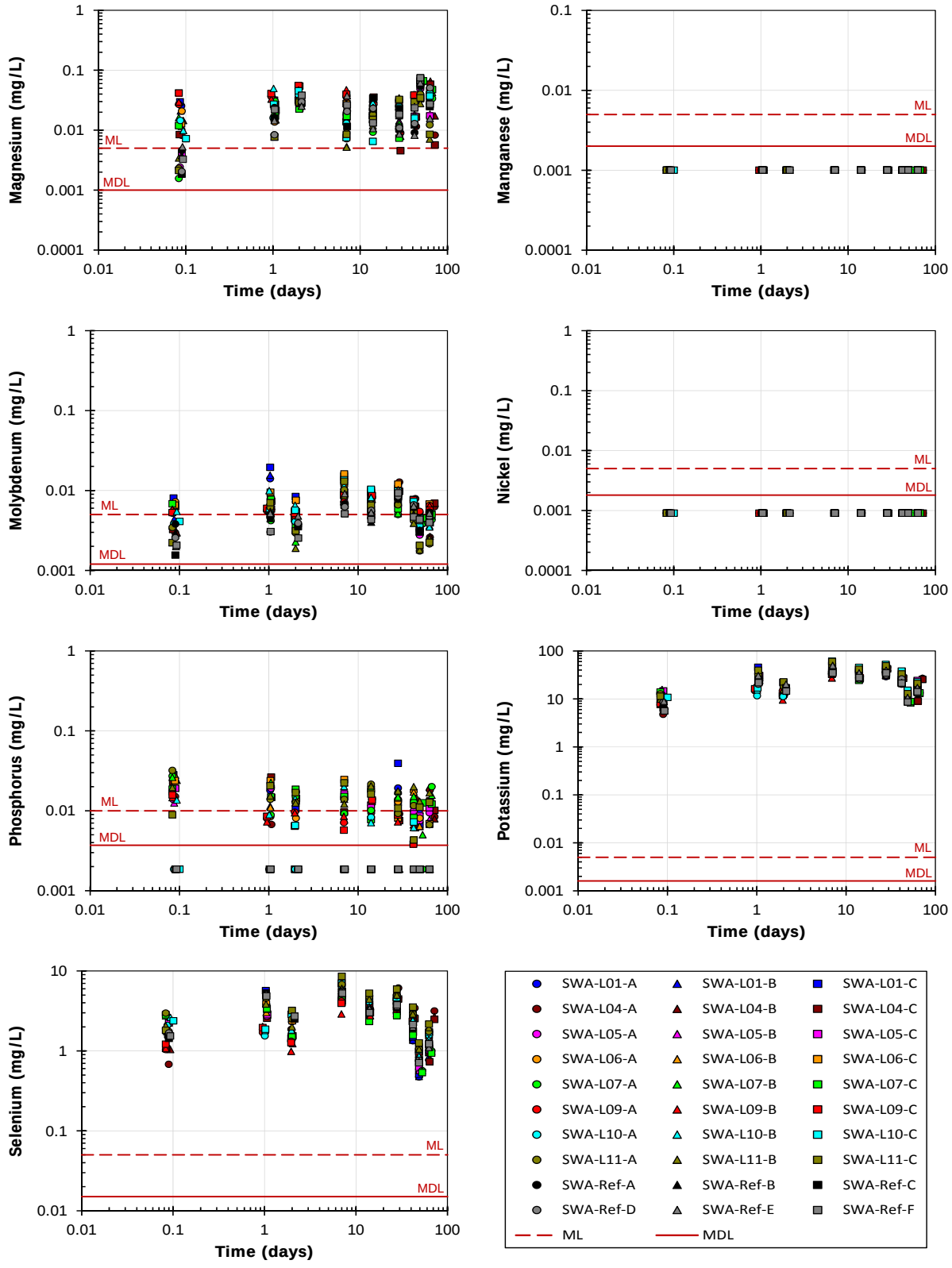

Figure 4. ICP-OES concentrations from Method 1315 for material SWA.

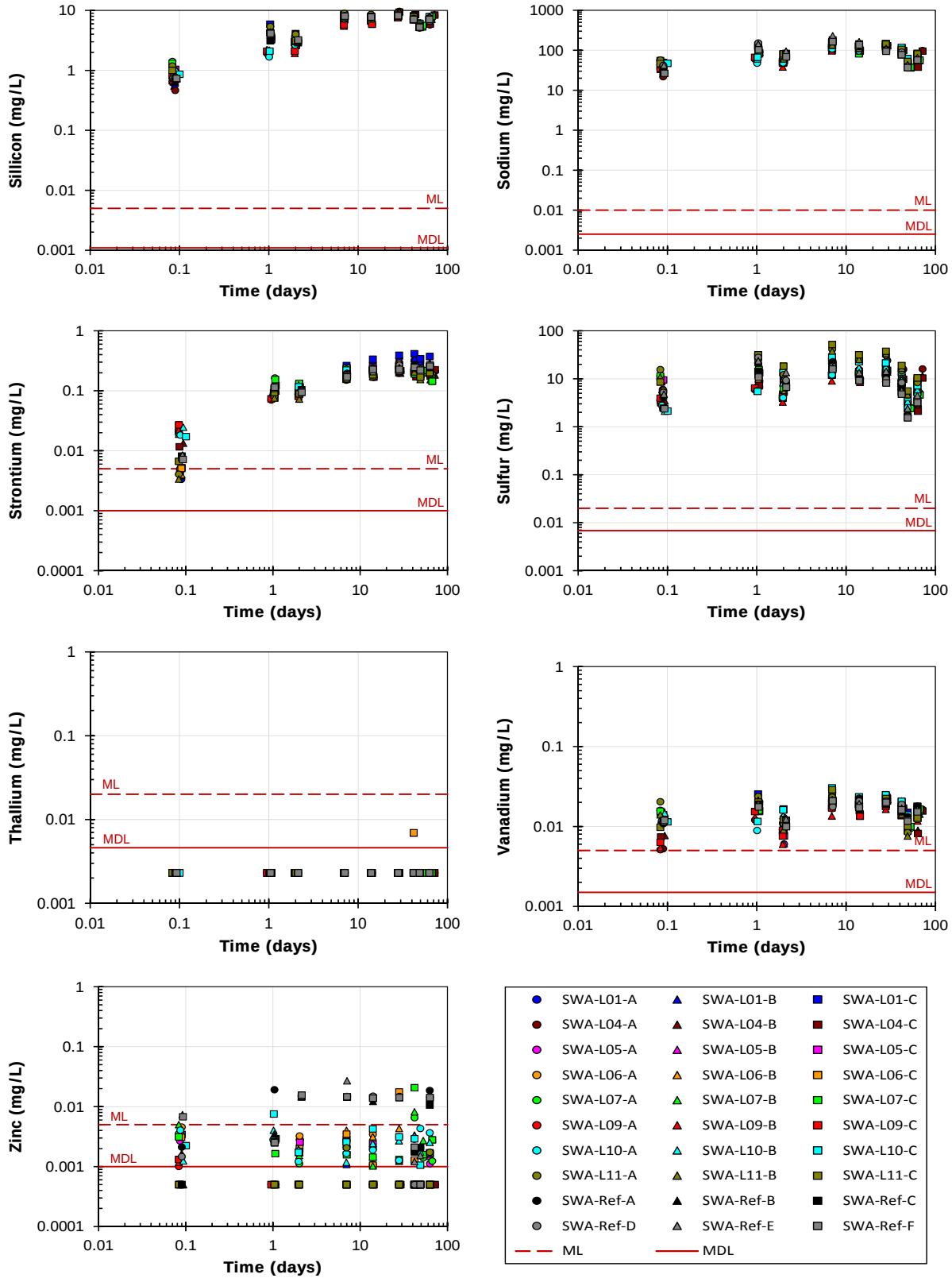

Figure 5. ICP-OES concentrations from Method 1315 for material SWA.

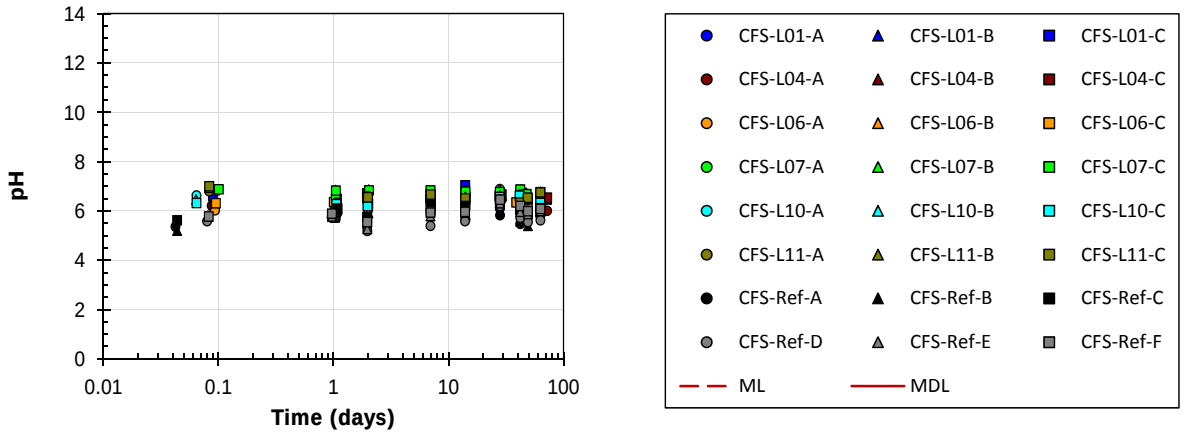

Figure 6. Measured eluate pH from Method 1315 for material CFS.

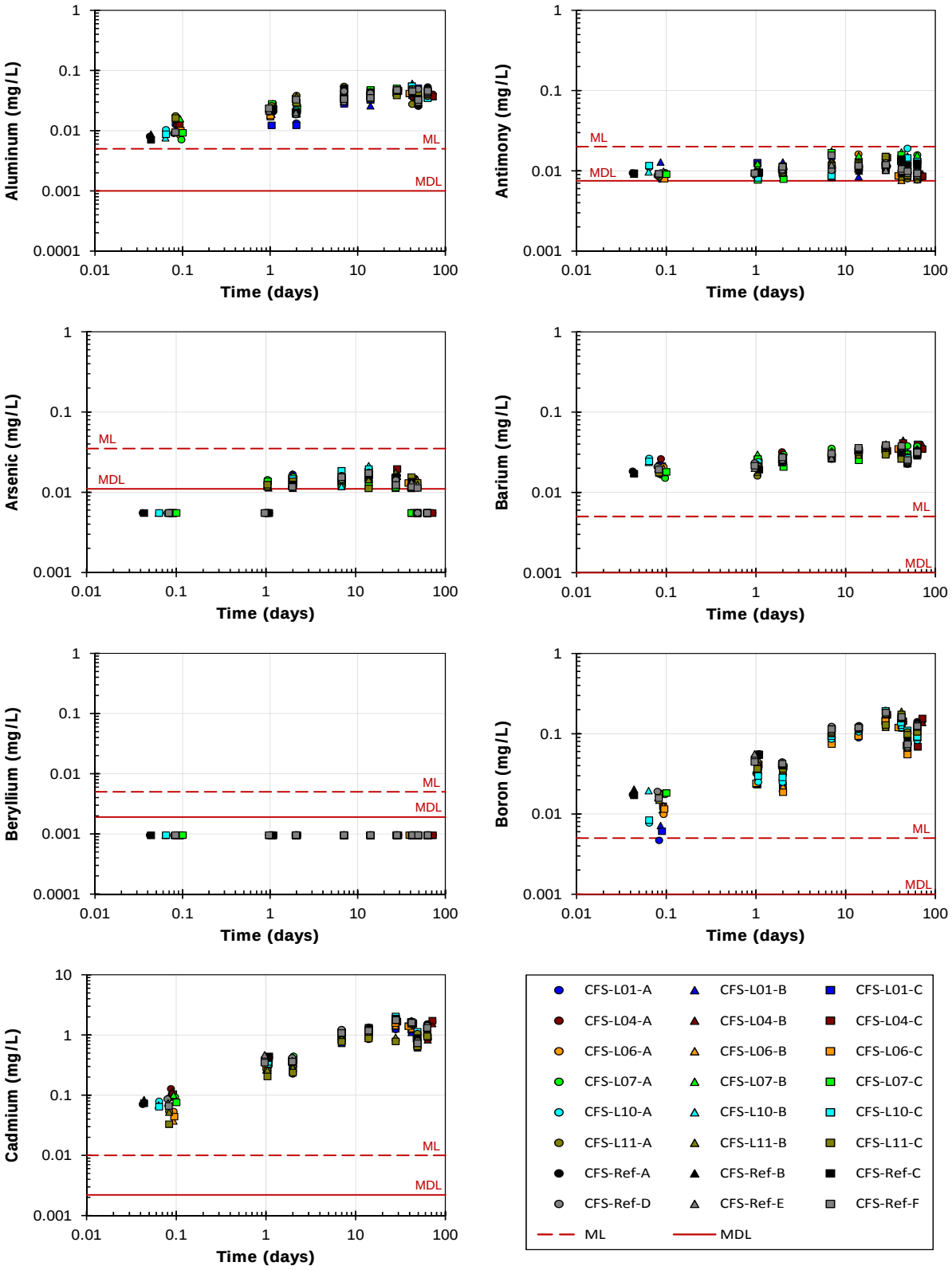

Figure 7. ICP-OES concentrations from Method 1315 for material CFS.

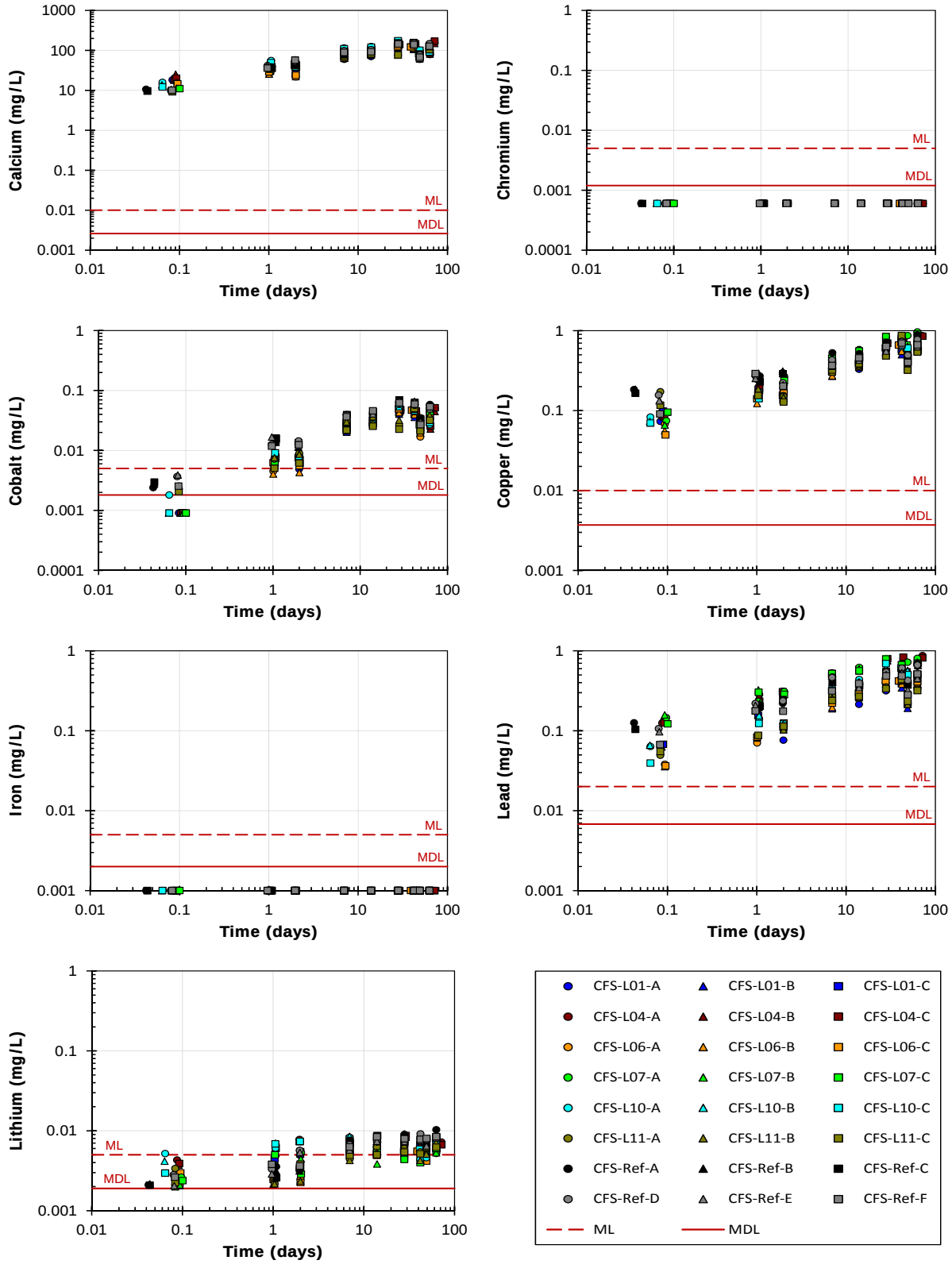

Figure 8. ICP-OES concentrations from Method 1315 for material CFS.

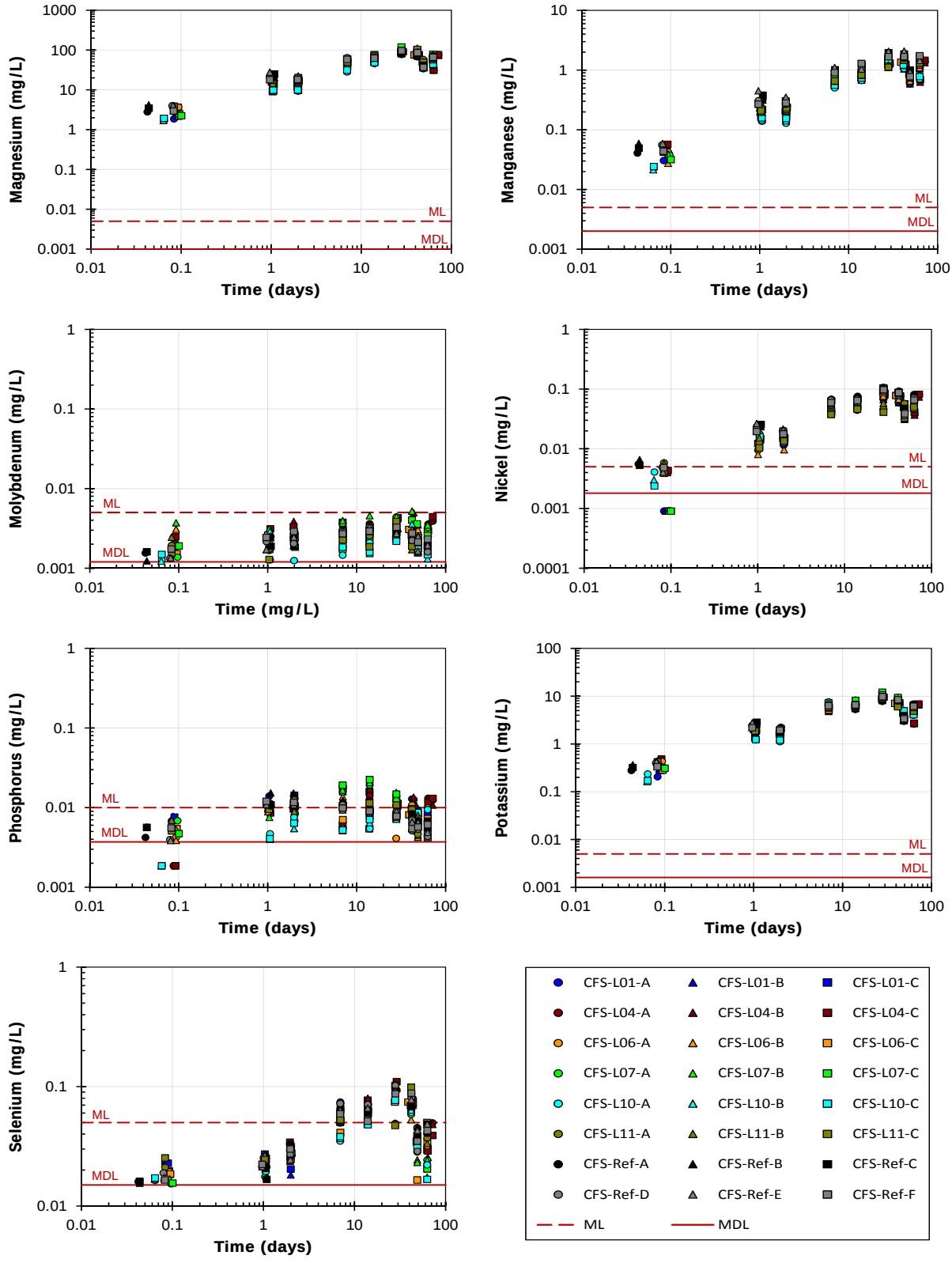

Figure 9. ICP-OES concentrations from Method 1315 for material CFS.

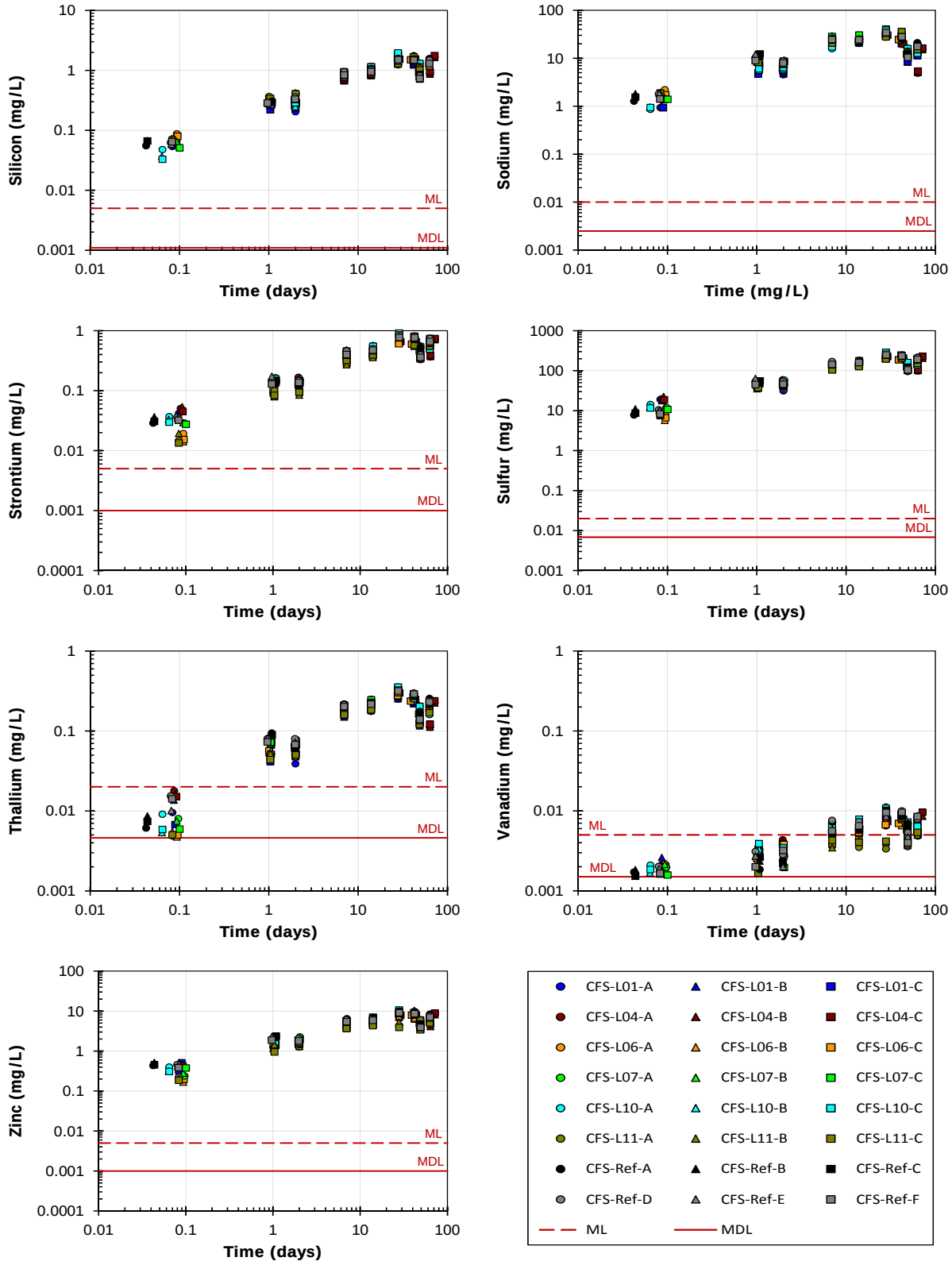

Figure 10. ICP-OES concentrations from Method 1315 for material CFS.

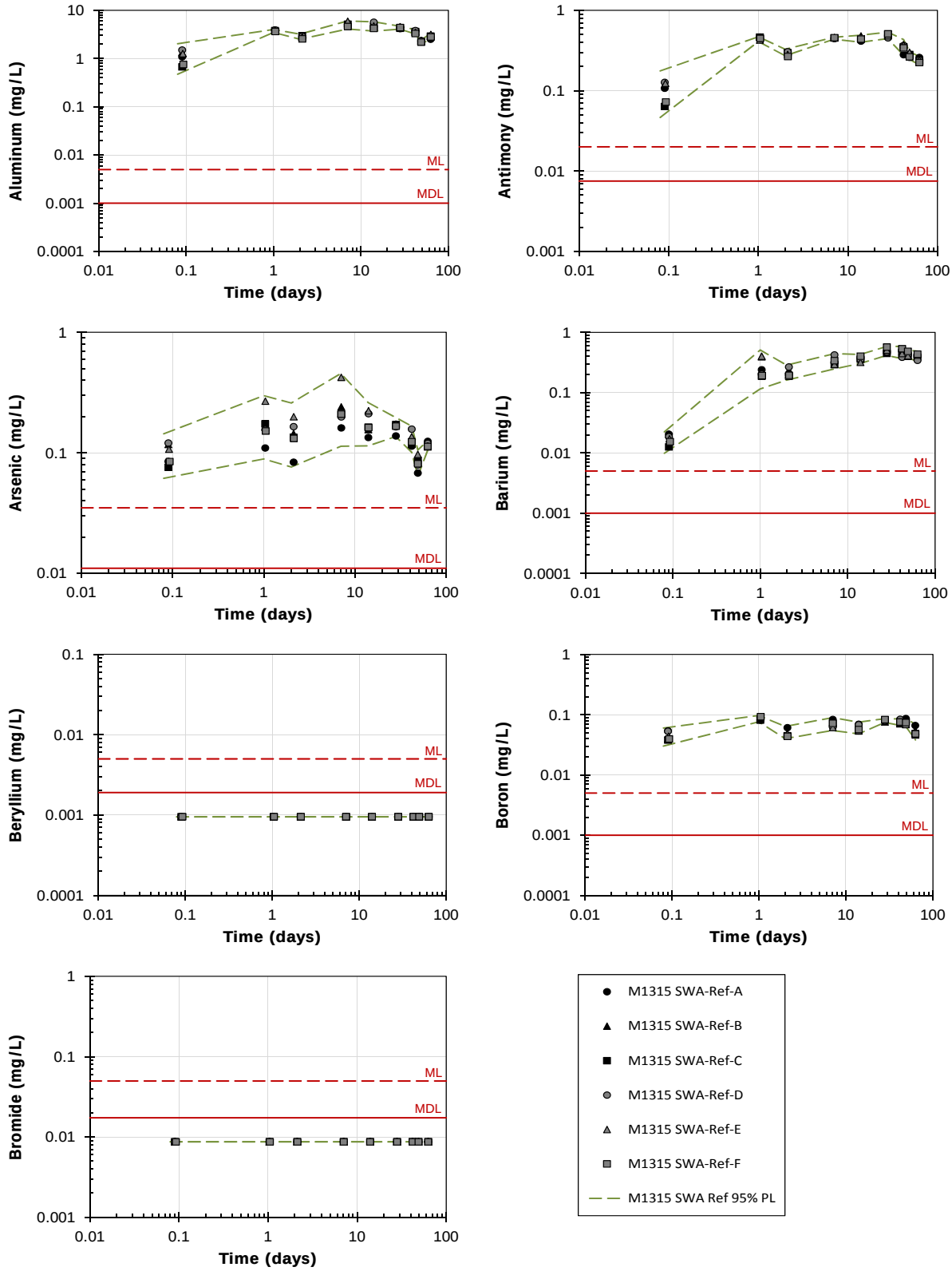

Figure 11. Method 1315 results for reference laboratory testing of SWA material compared to 95% prediction limits.

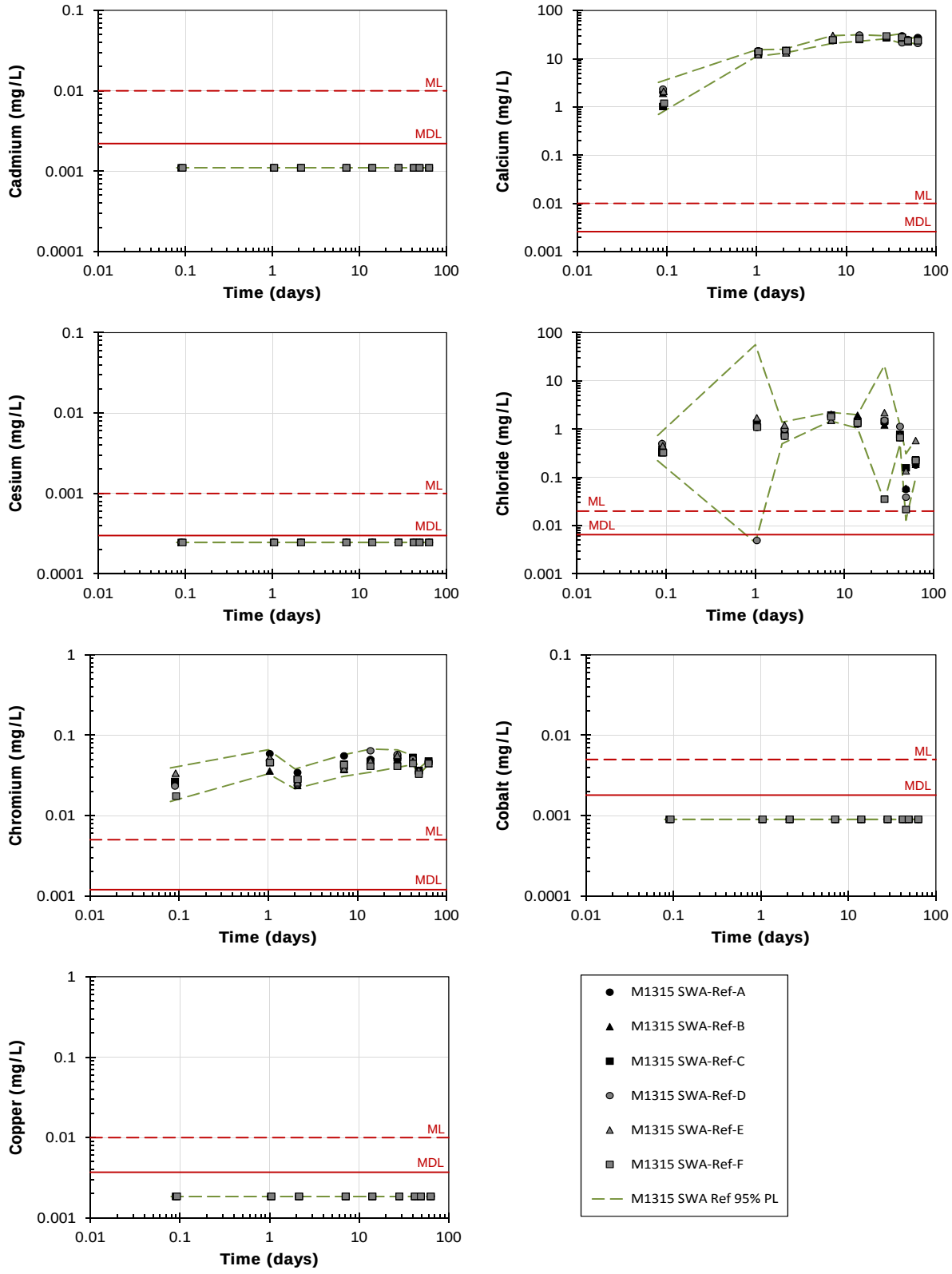

Figure 12. Method 1315 results for reference laboratory testing of SWA material compared to 95% prediction limits.

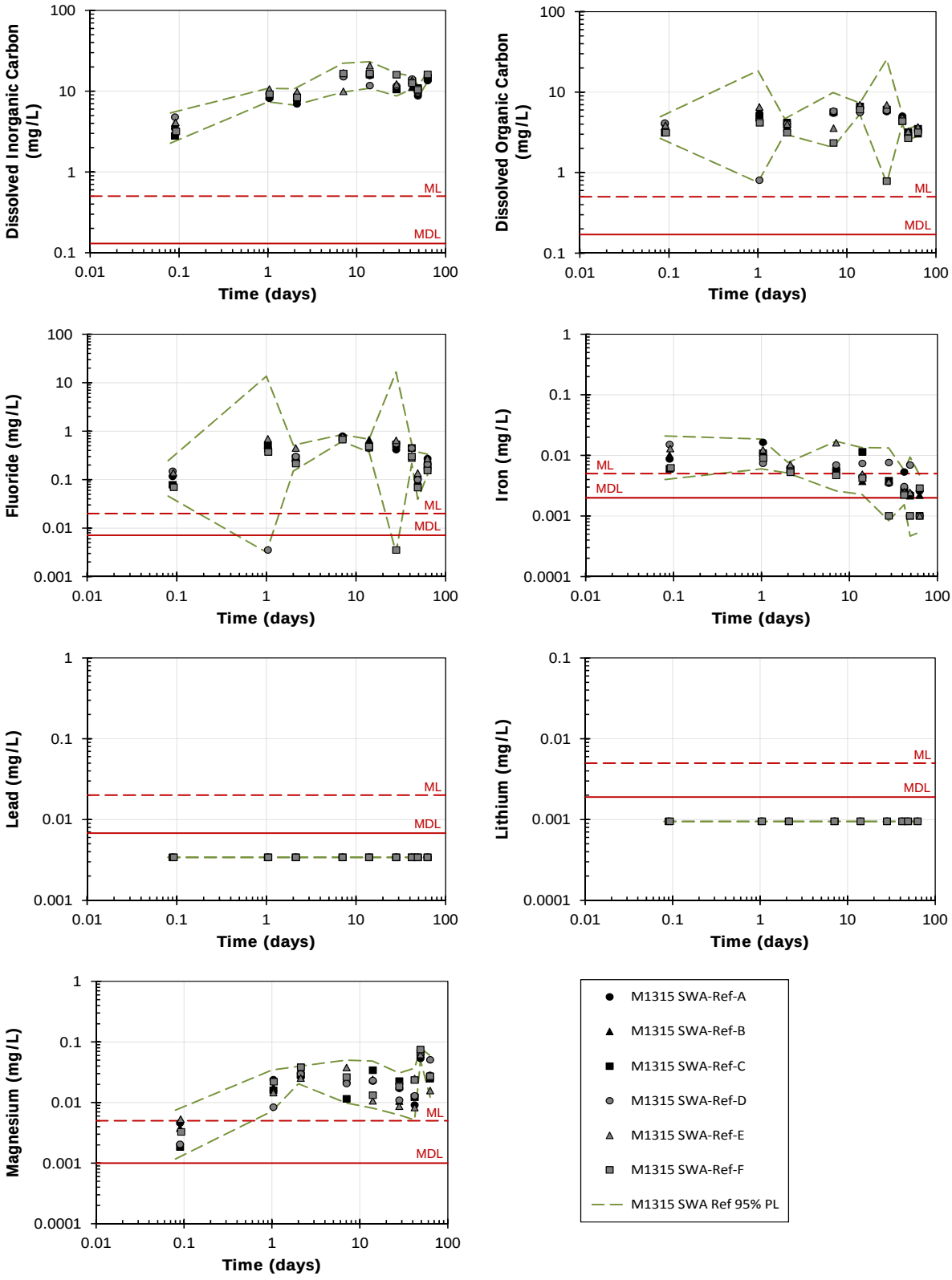

Figure 13. Method 1315 results for reference laboratory testing of SWA material compared to 95% prediction limits.

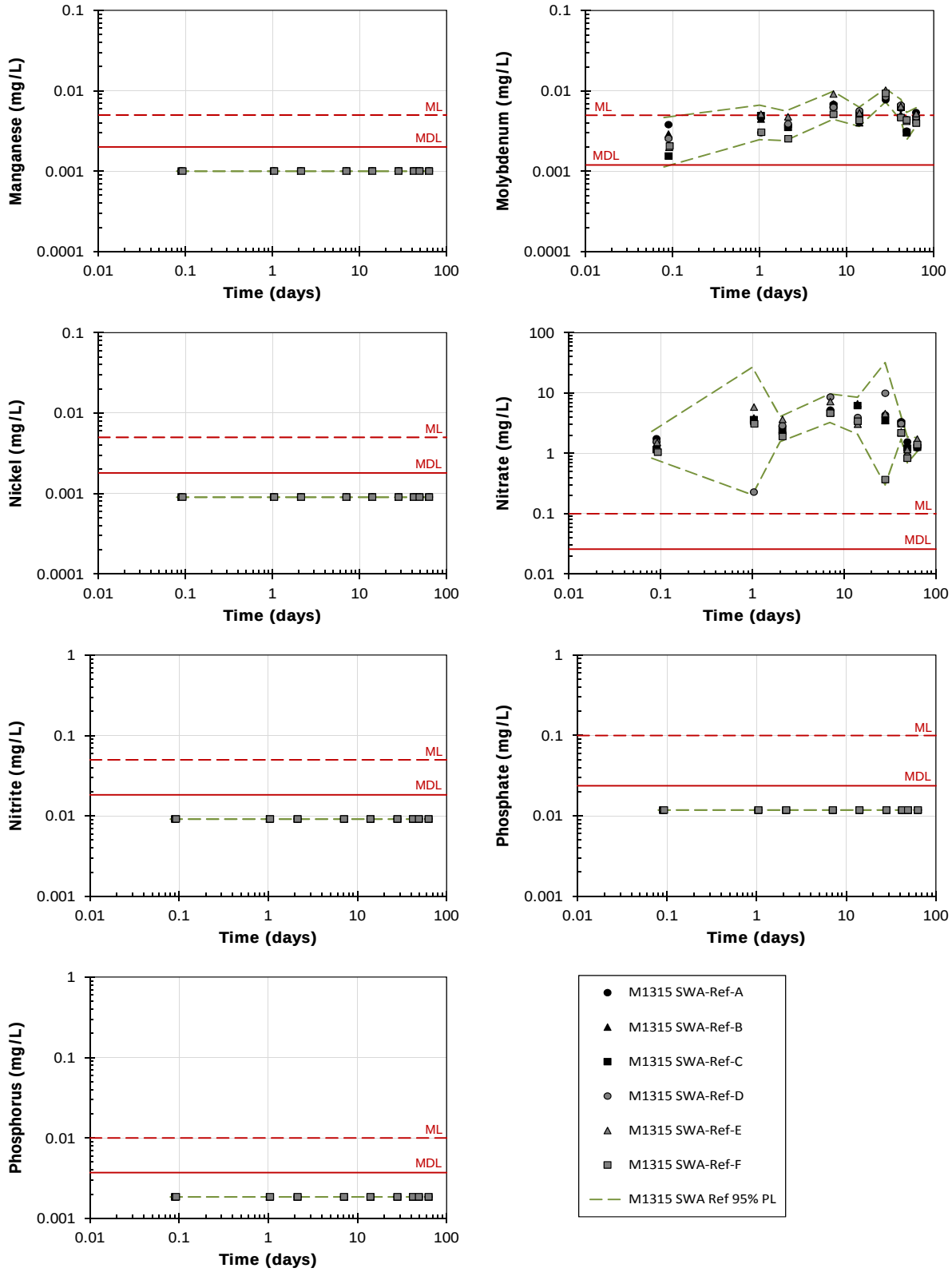

Figure 14. Method 1315 results for reference laboratory testing of SWA material compared to 95% prediction limits.

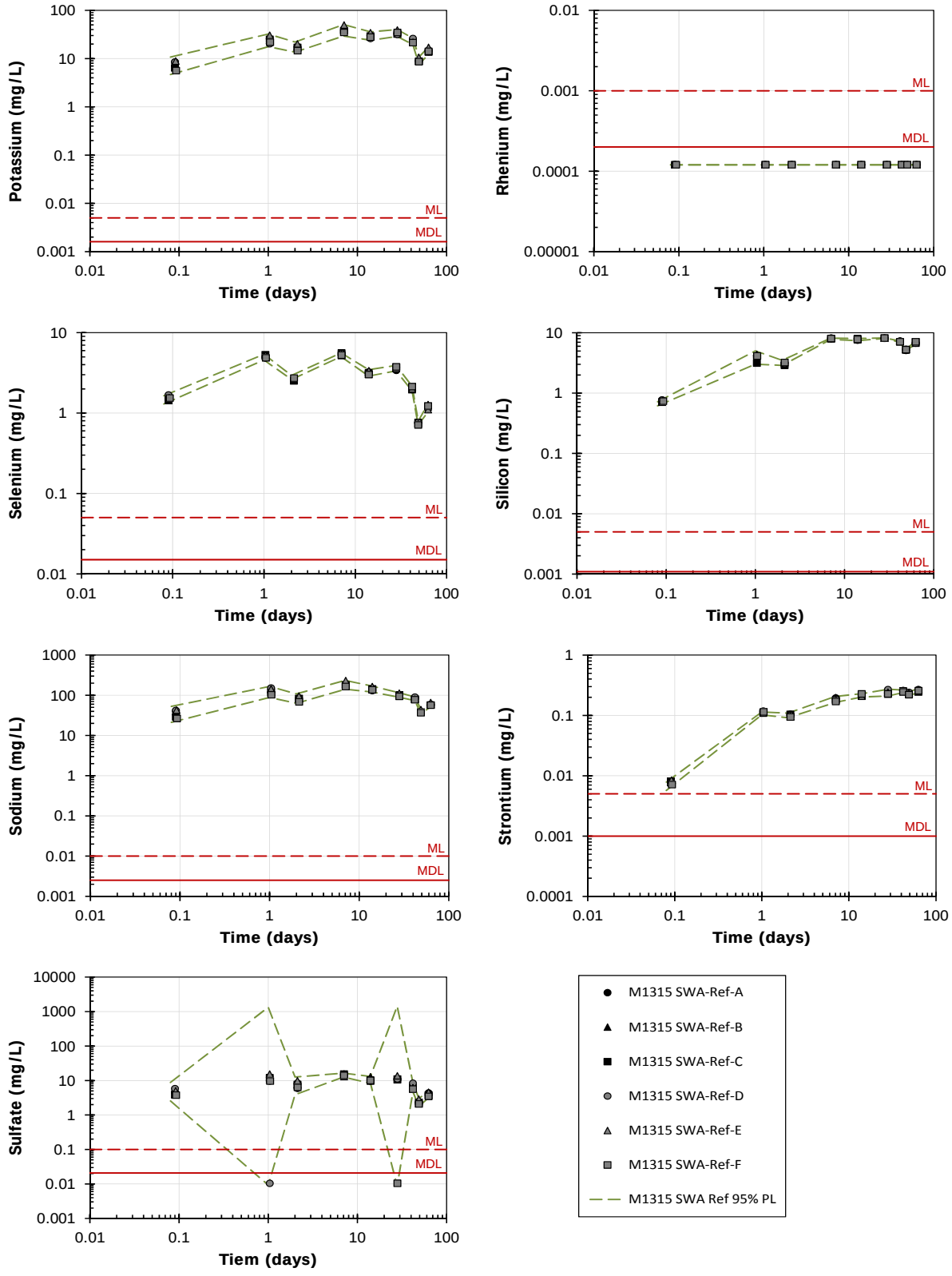

Figure 15. Method 1315 results for reference laboratory testing of SWA material compared to 95% prediction limits.

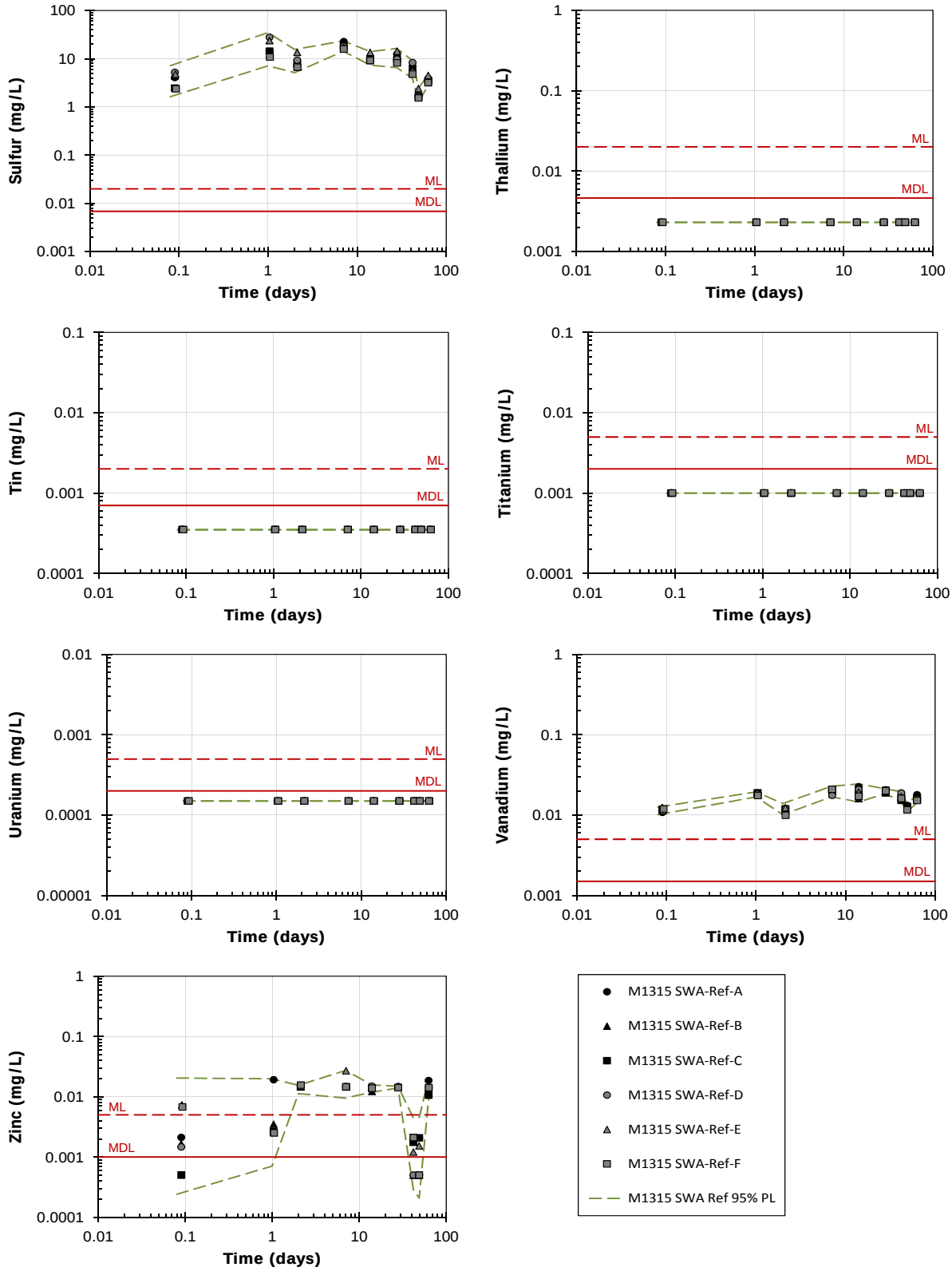

Figure 16. Method 1315 results for reference laboratory testing of SWA material compared to 95% prediction limits.

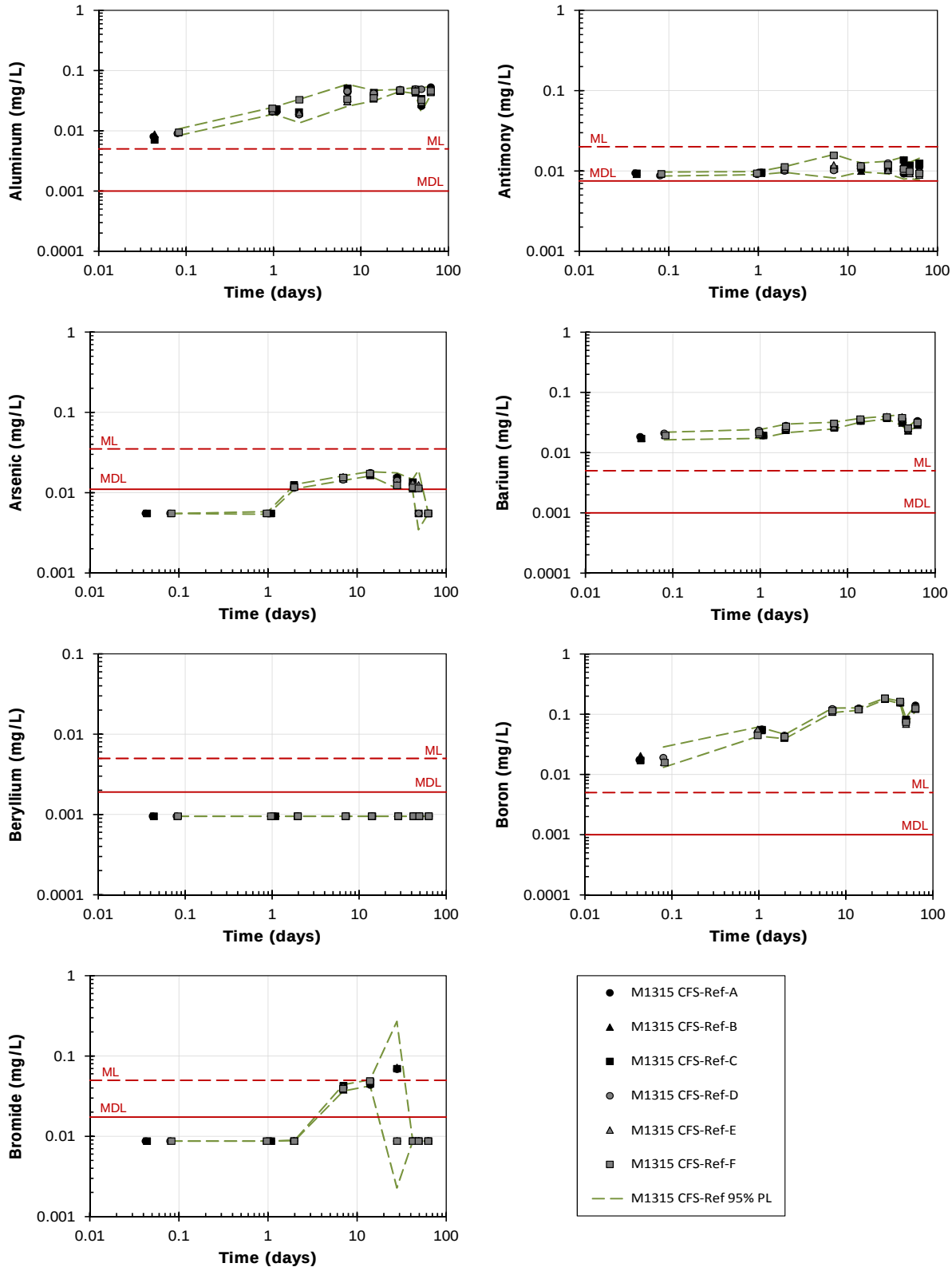

Figure 17. Method 1315 results for reference laboratory testing of CFS material compared to 95% prediction limits.

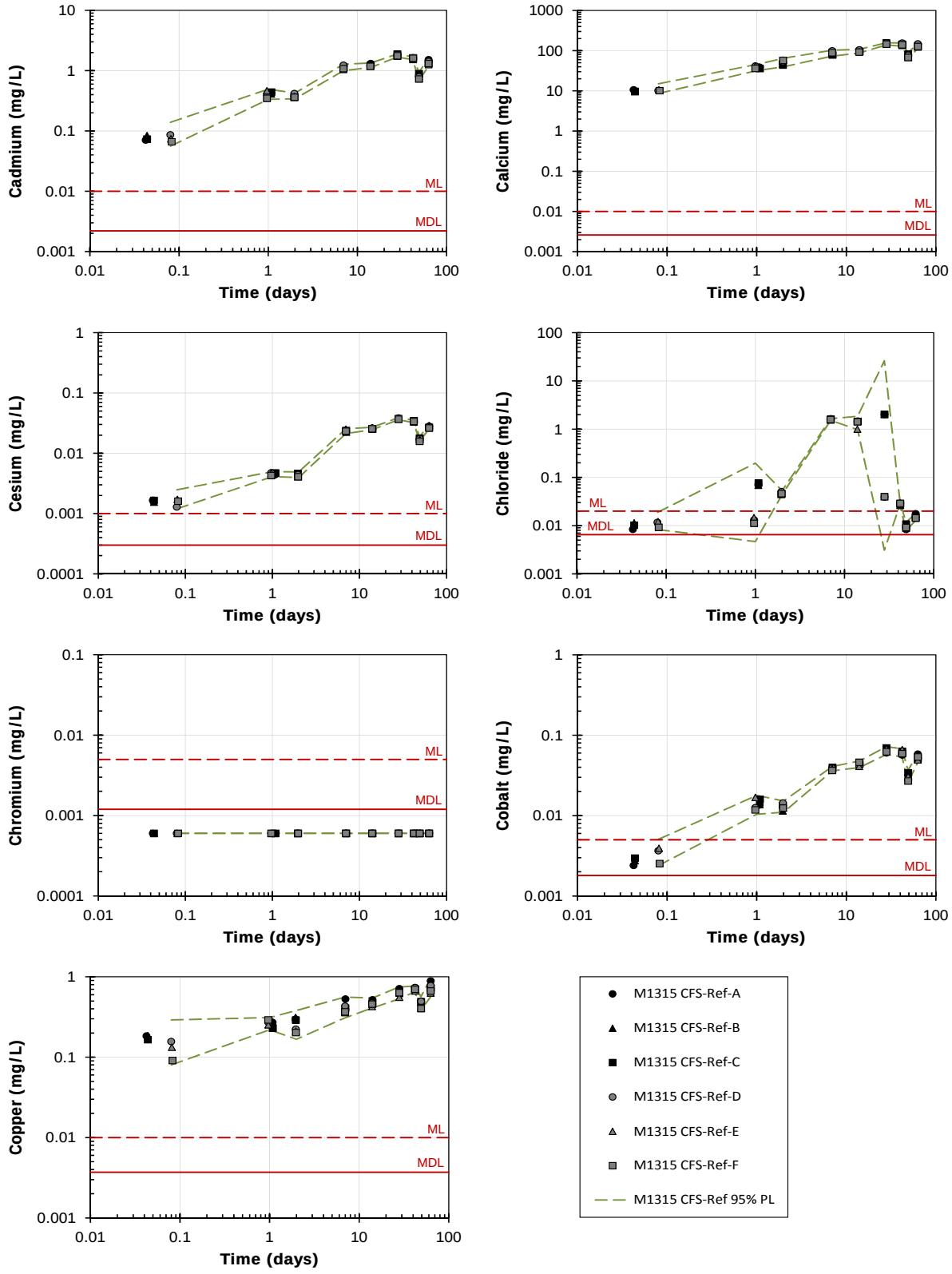

Figure 18. Method 1315 results for reference laboratory testing of CFS material compared to 95% prediction limits.

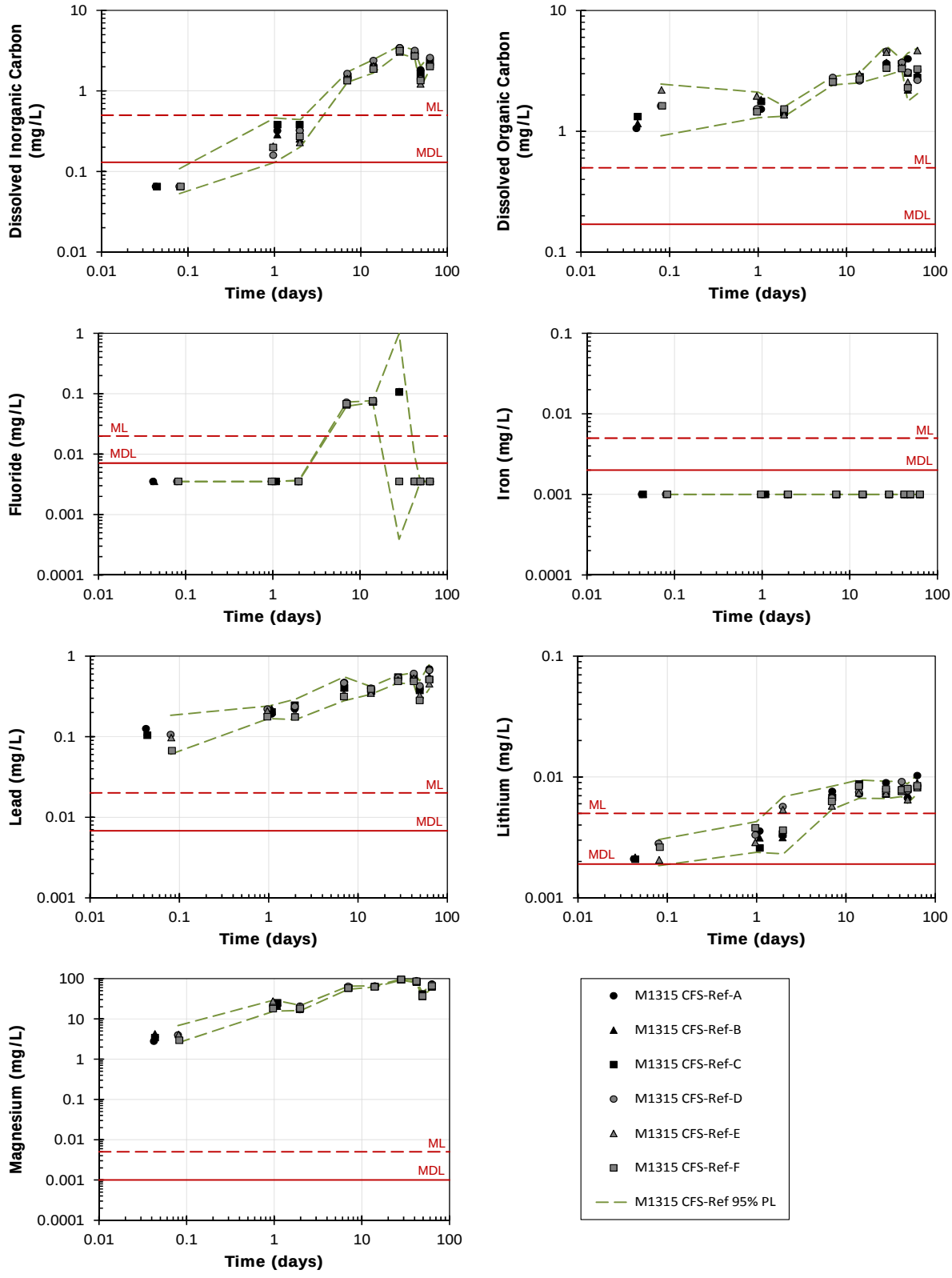

Figure 19. Method 1315 results for reference laboratory testing of CFS material compared to 95% prediction limits.

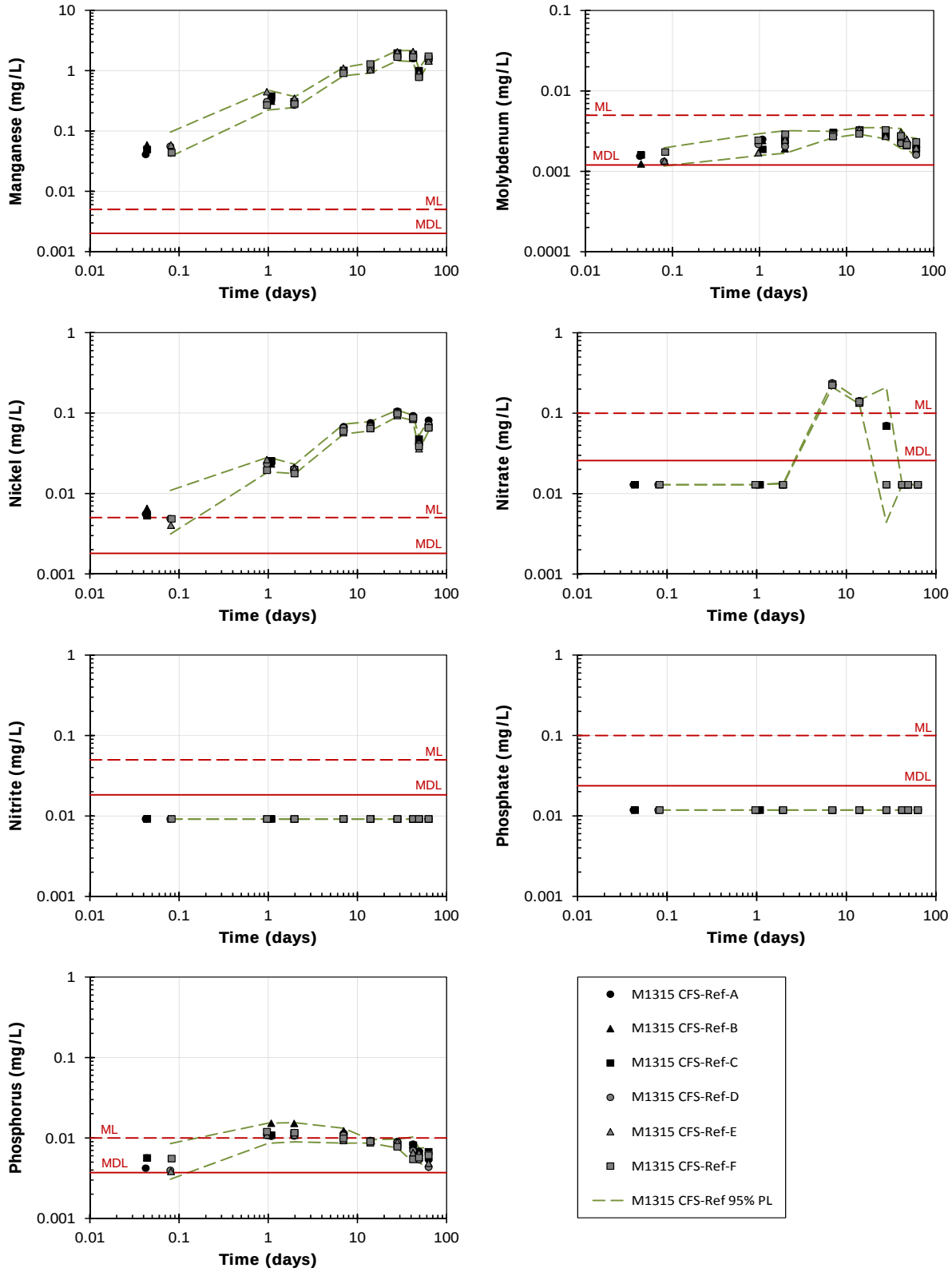

Figure 20. Method 1315 results for reference laboratory testing of CFS material compared to 95% prediction limits.

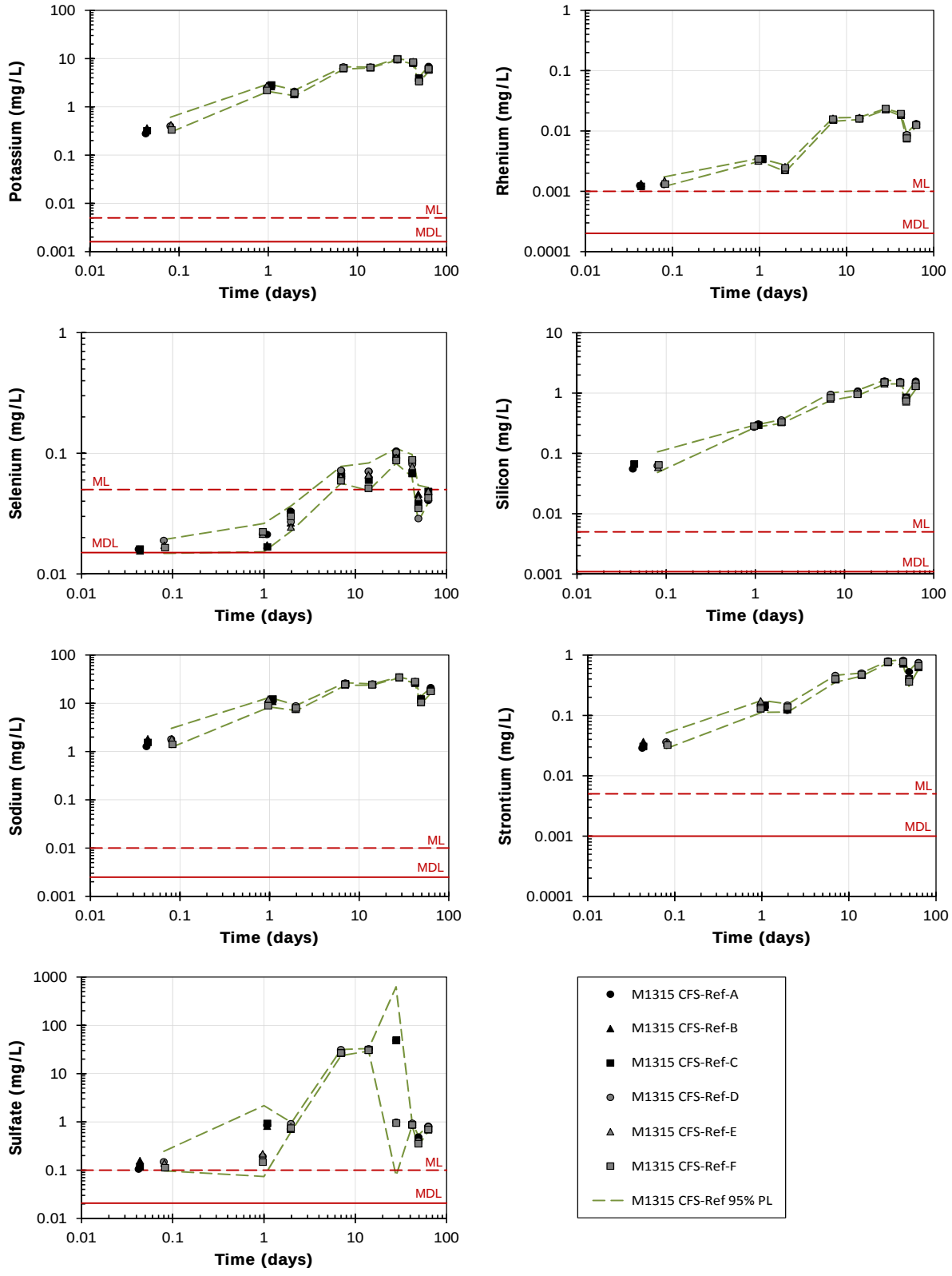

Figure 21. Method 1315 results for reference laboratory testing of CFS material compared to 95% prediction limits.

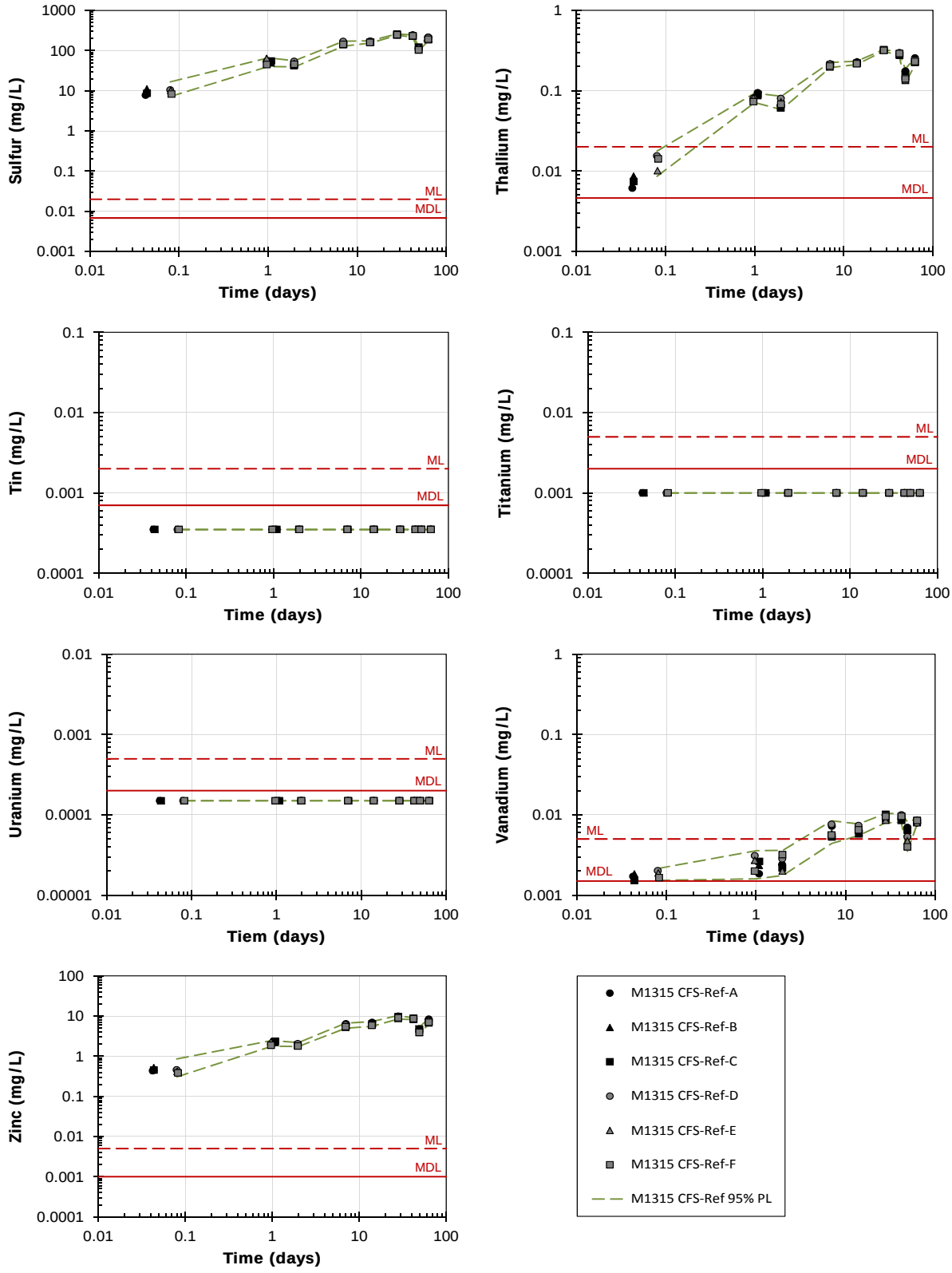

Figure 22. Method 1315 results for reference laboratory testing of CFS material compared to 95% prediction limits.

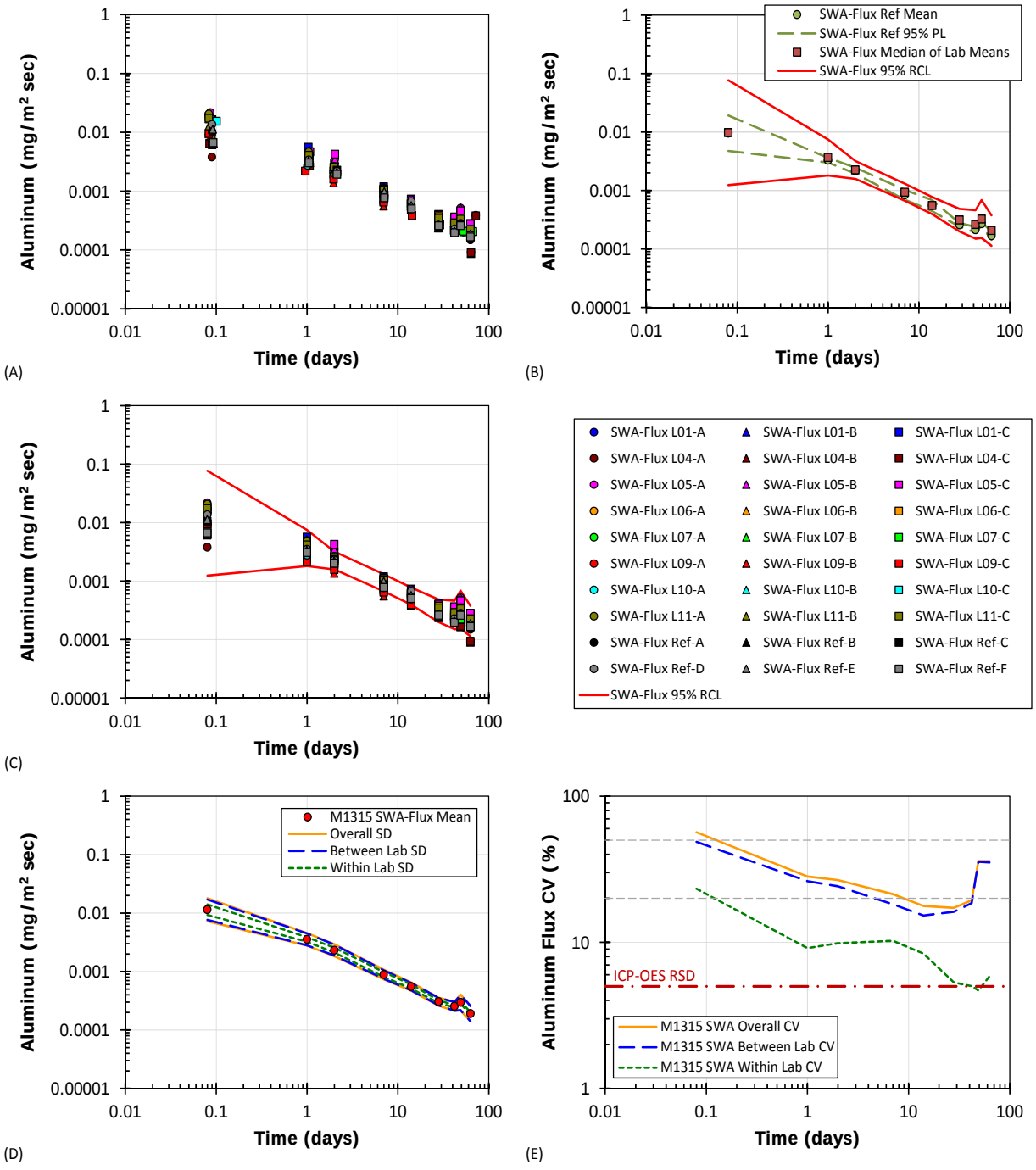

Figure 23. Aluminum interval flux from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

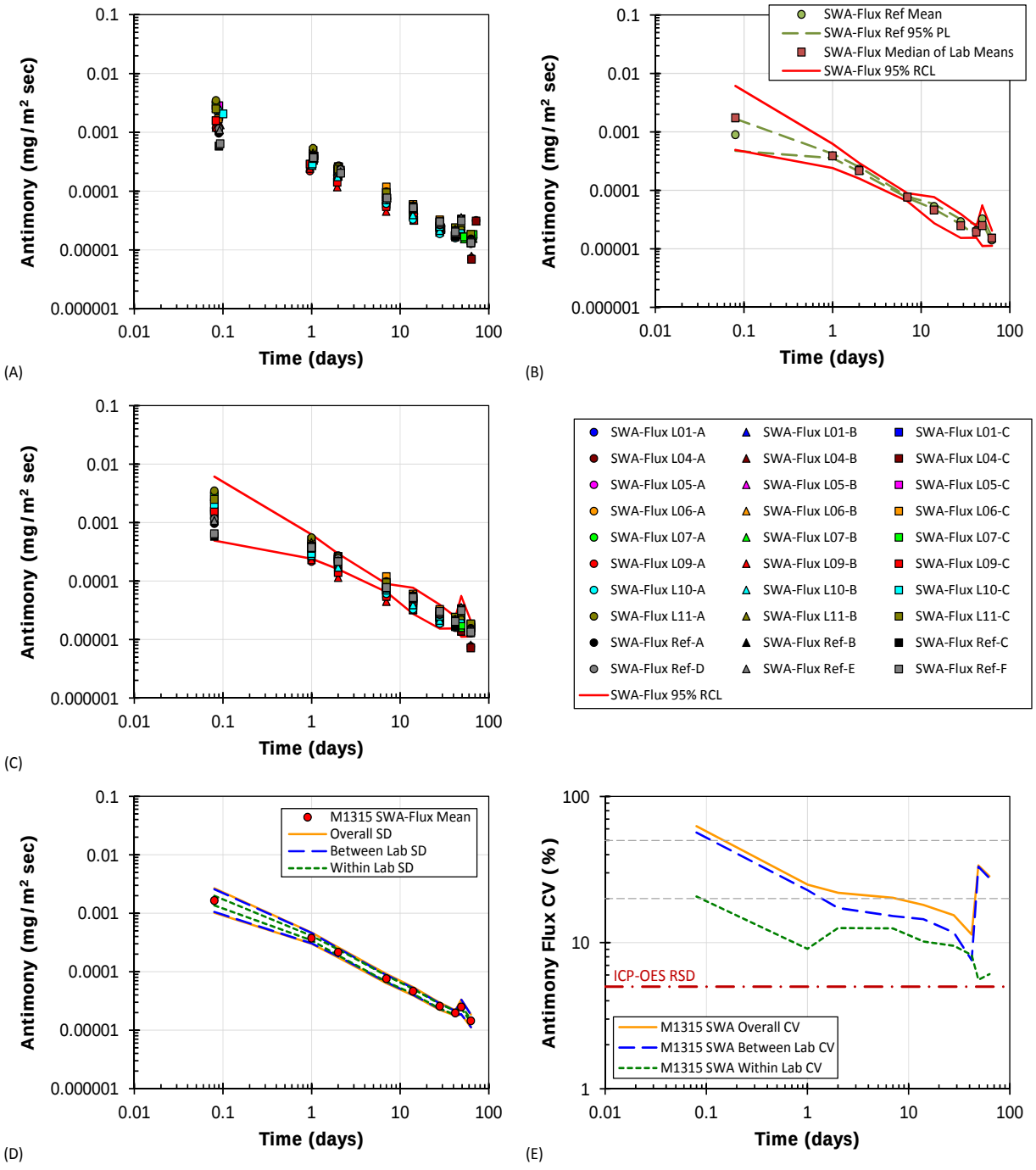

Figure 24. Antimony interval flux from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

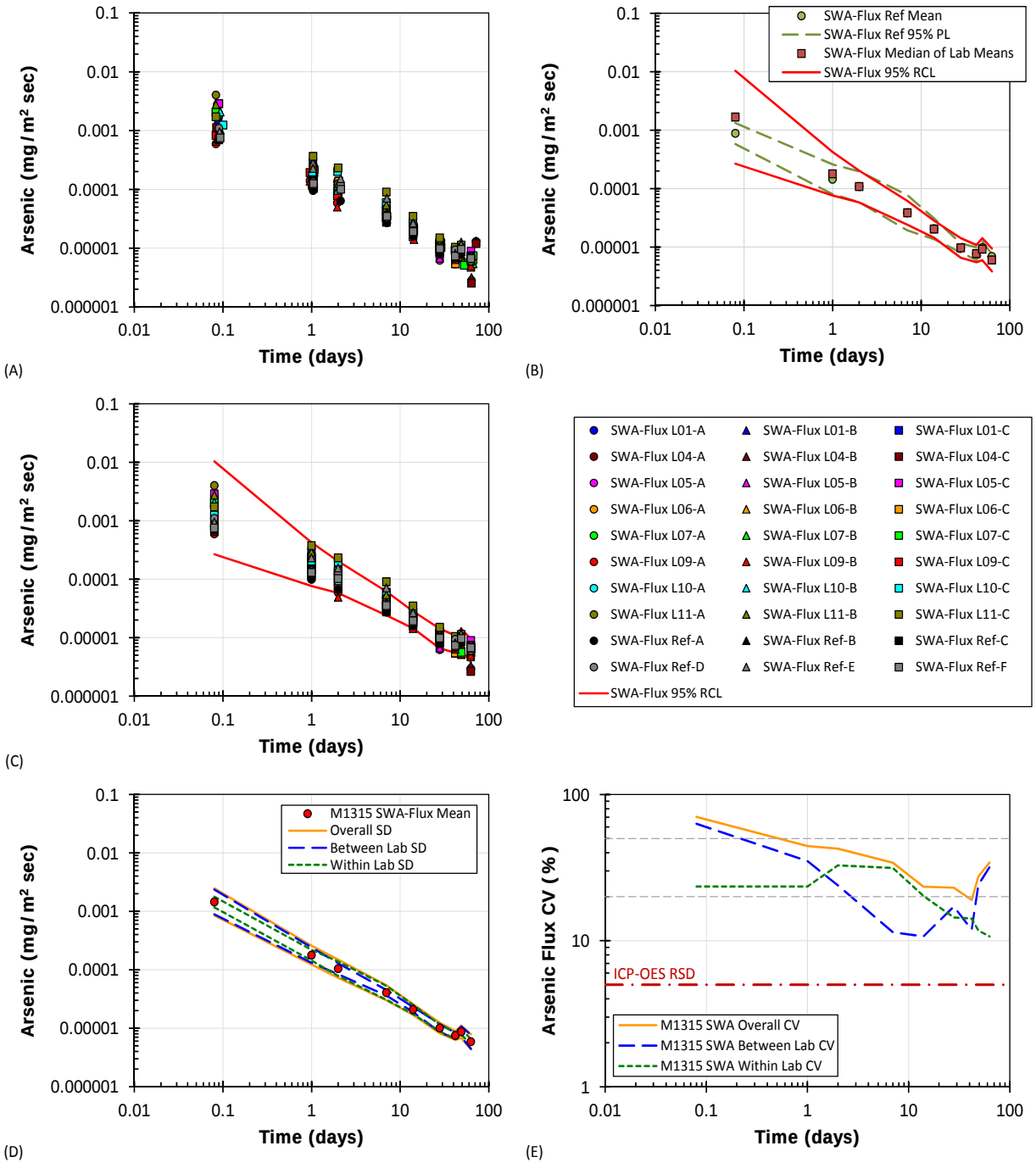

Figure 25. Arsenic interval flux from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

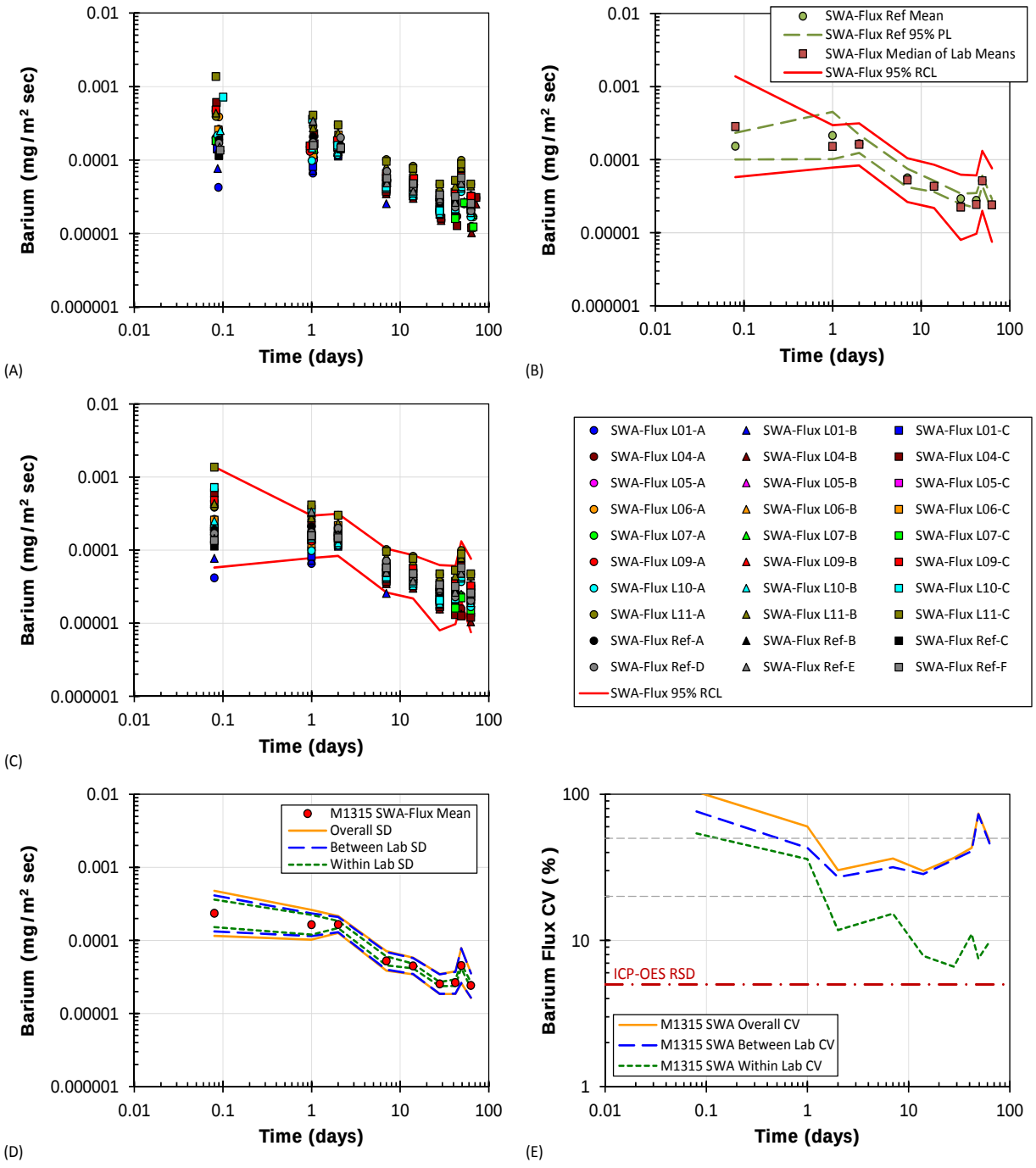

Figure 26. Barium interval flux from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

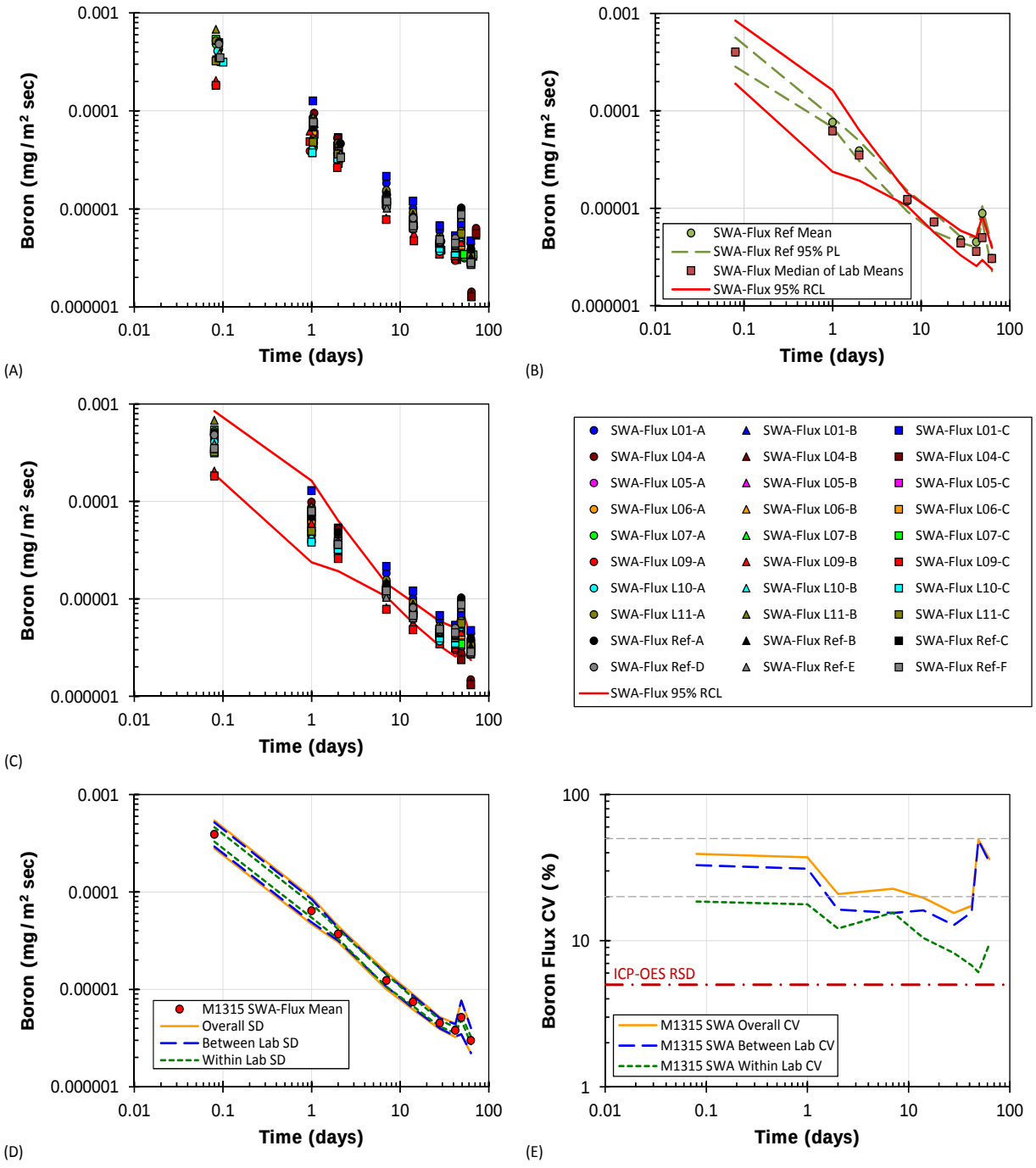

Figure 27. Boron interval flux from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

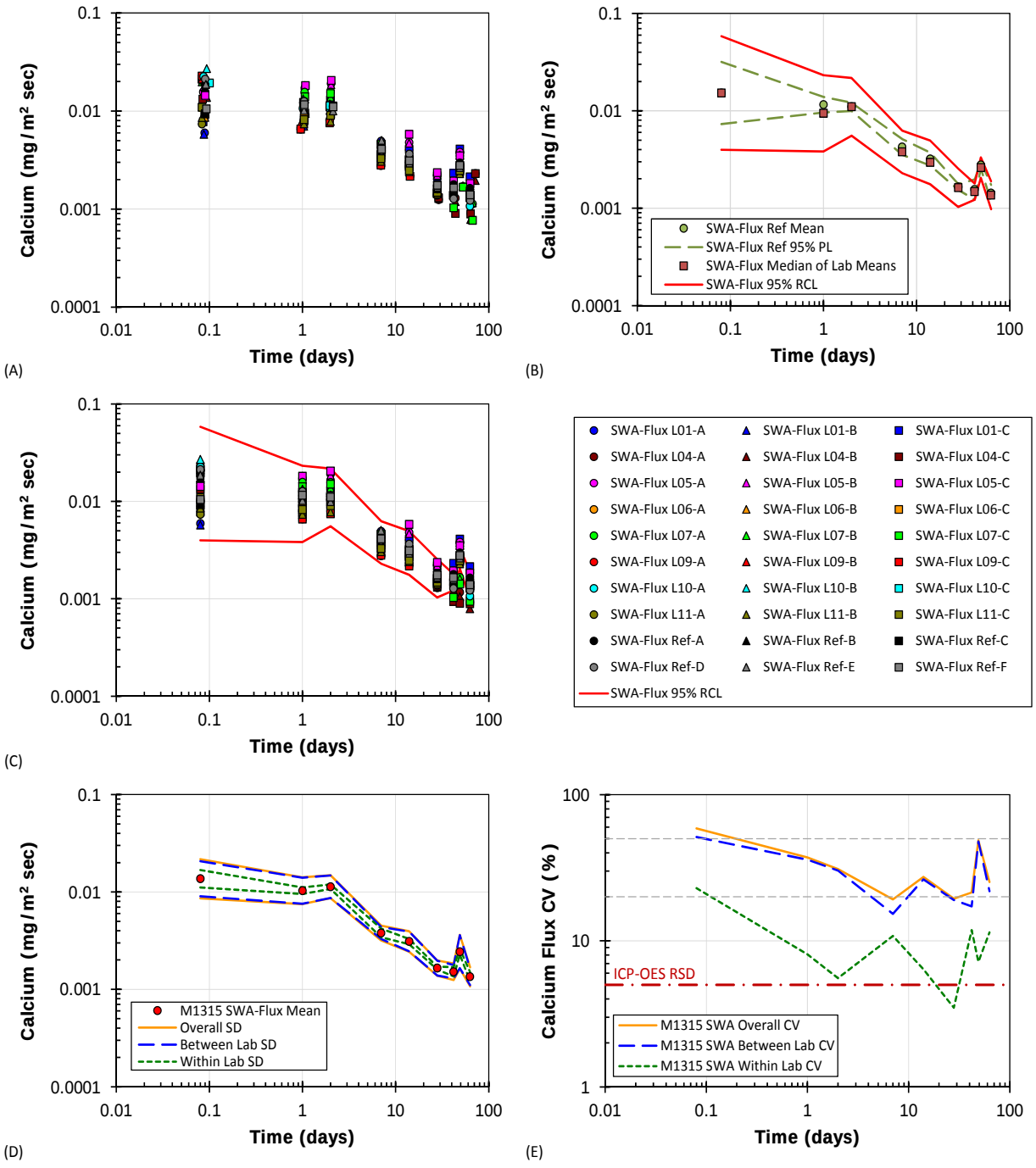

Figure 28. Calcium interval flux from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

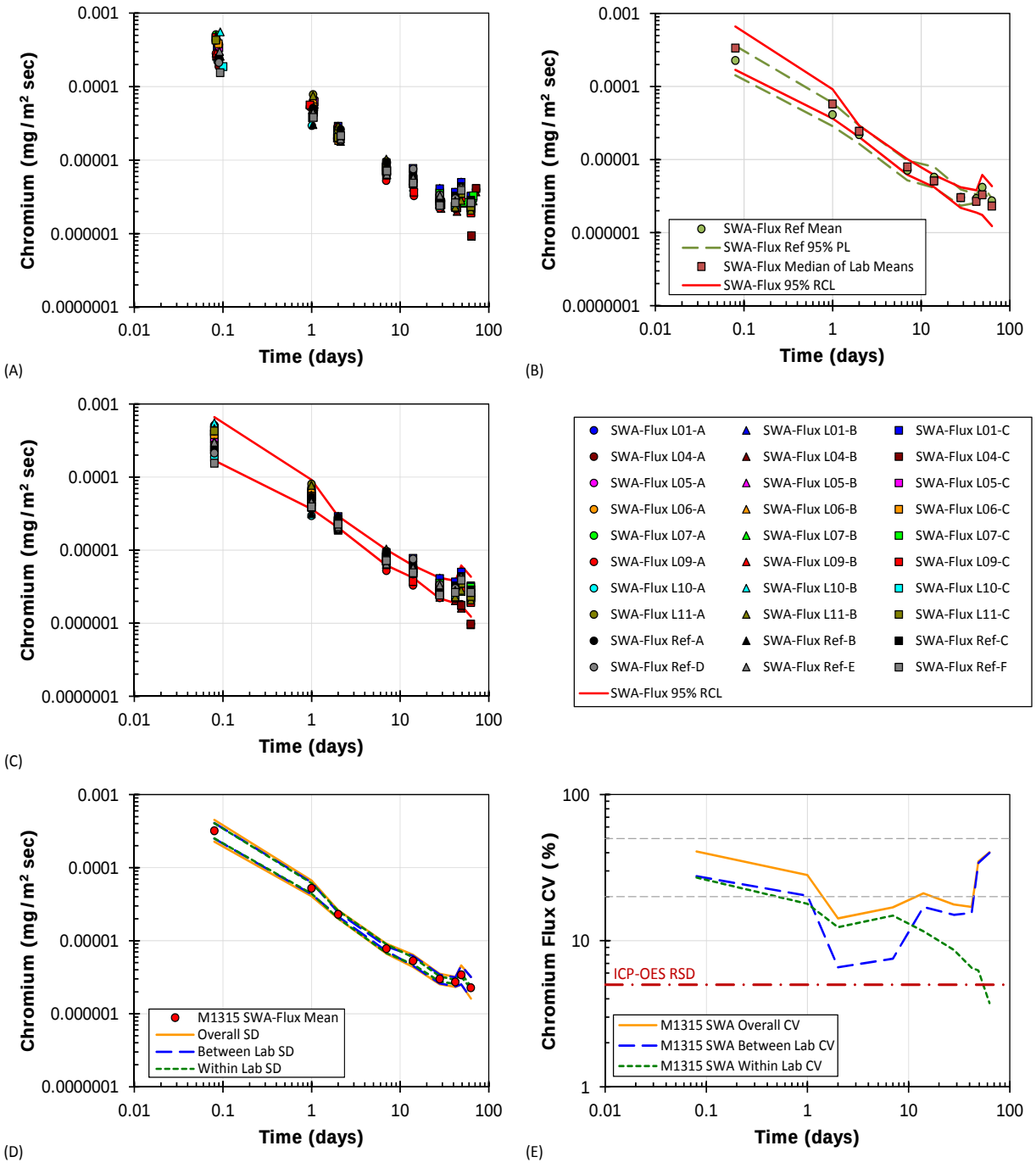

Figure 29. Chromium interval flux from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

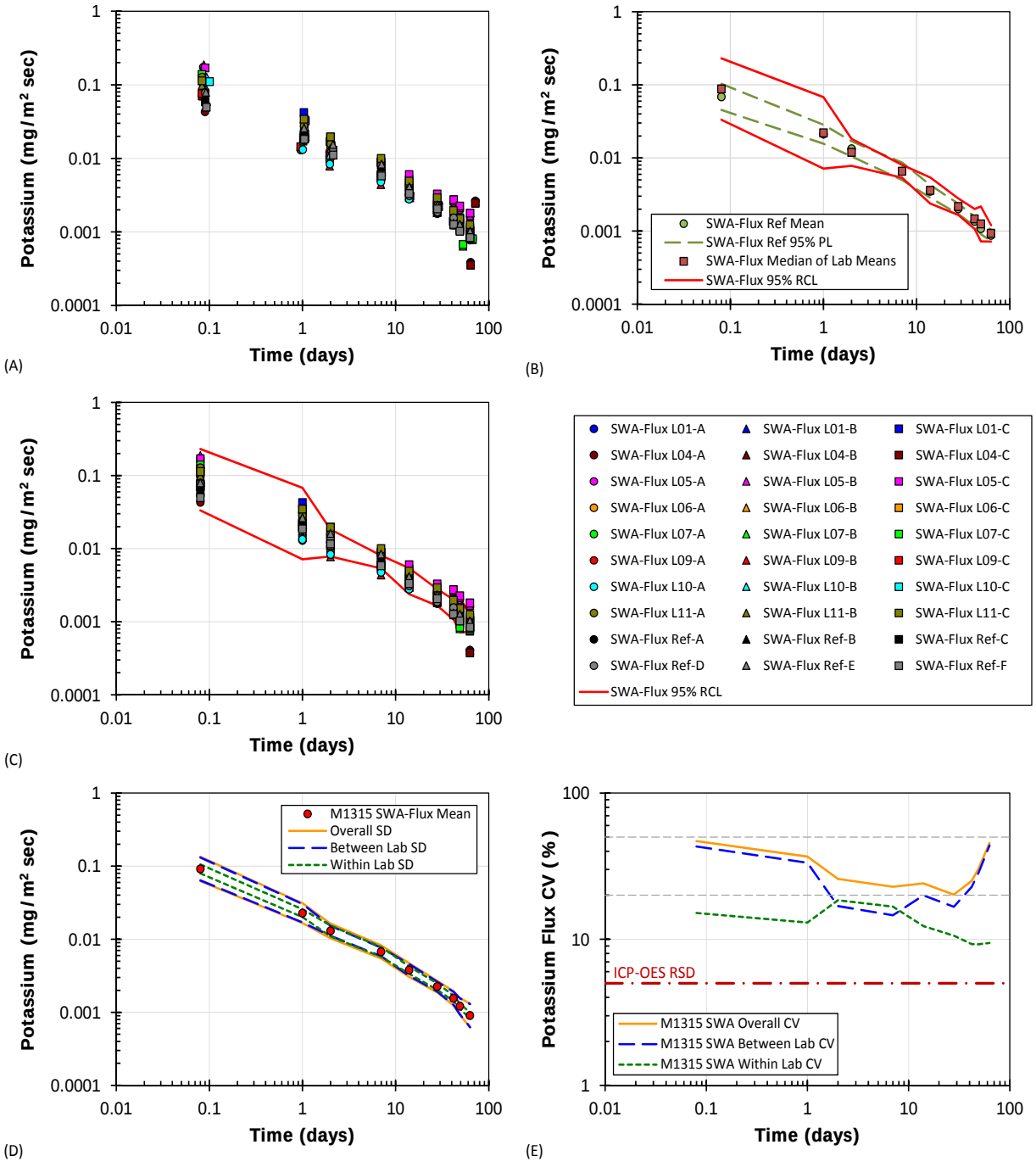

Figure 30. Potassium interval flux from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

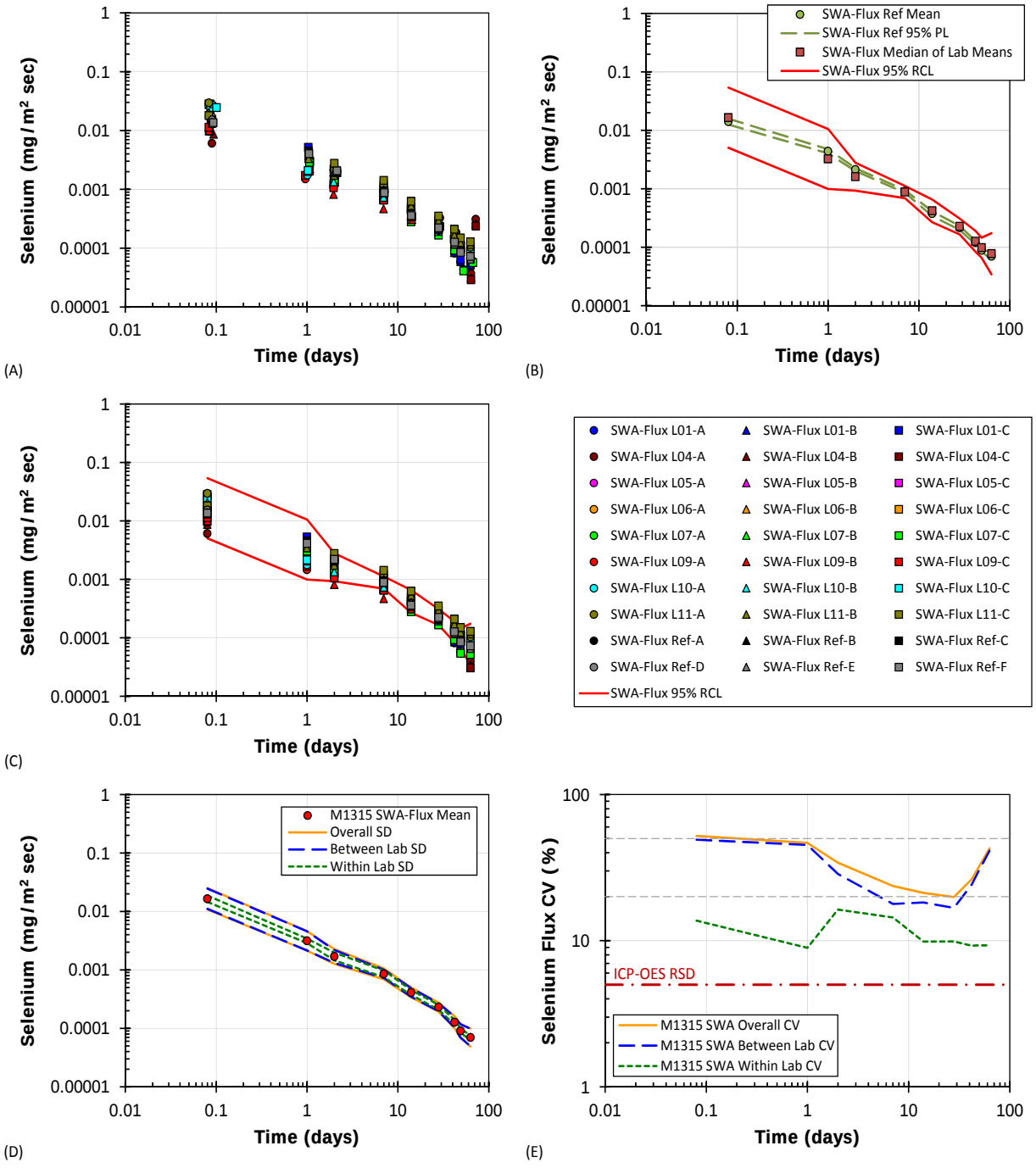

Figure 31. Selenium interval flux from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

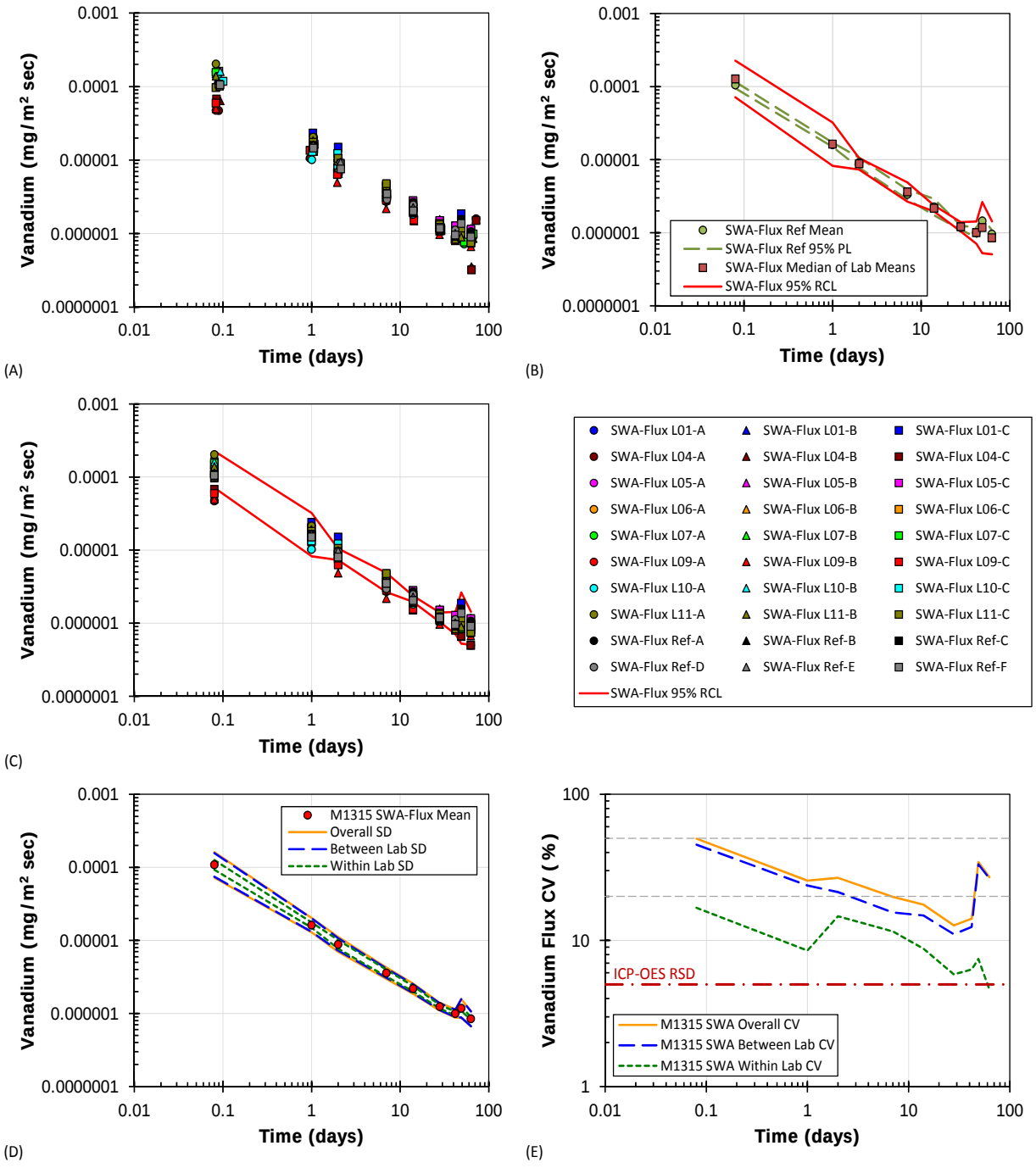

Figure 32. Vanadium interval flux from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

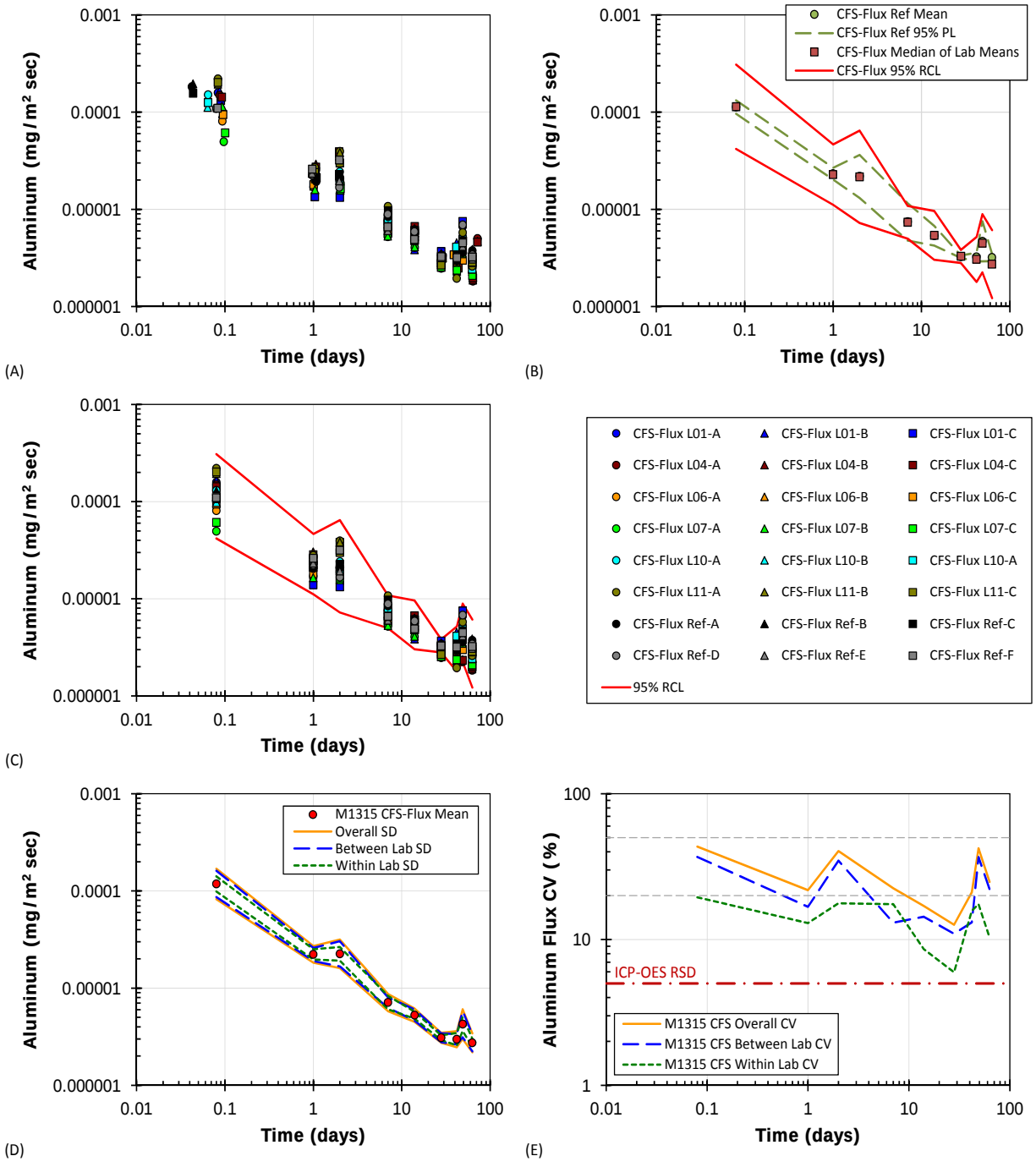

Figure 33. Aluminum interval flux from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

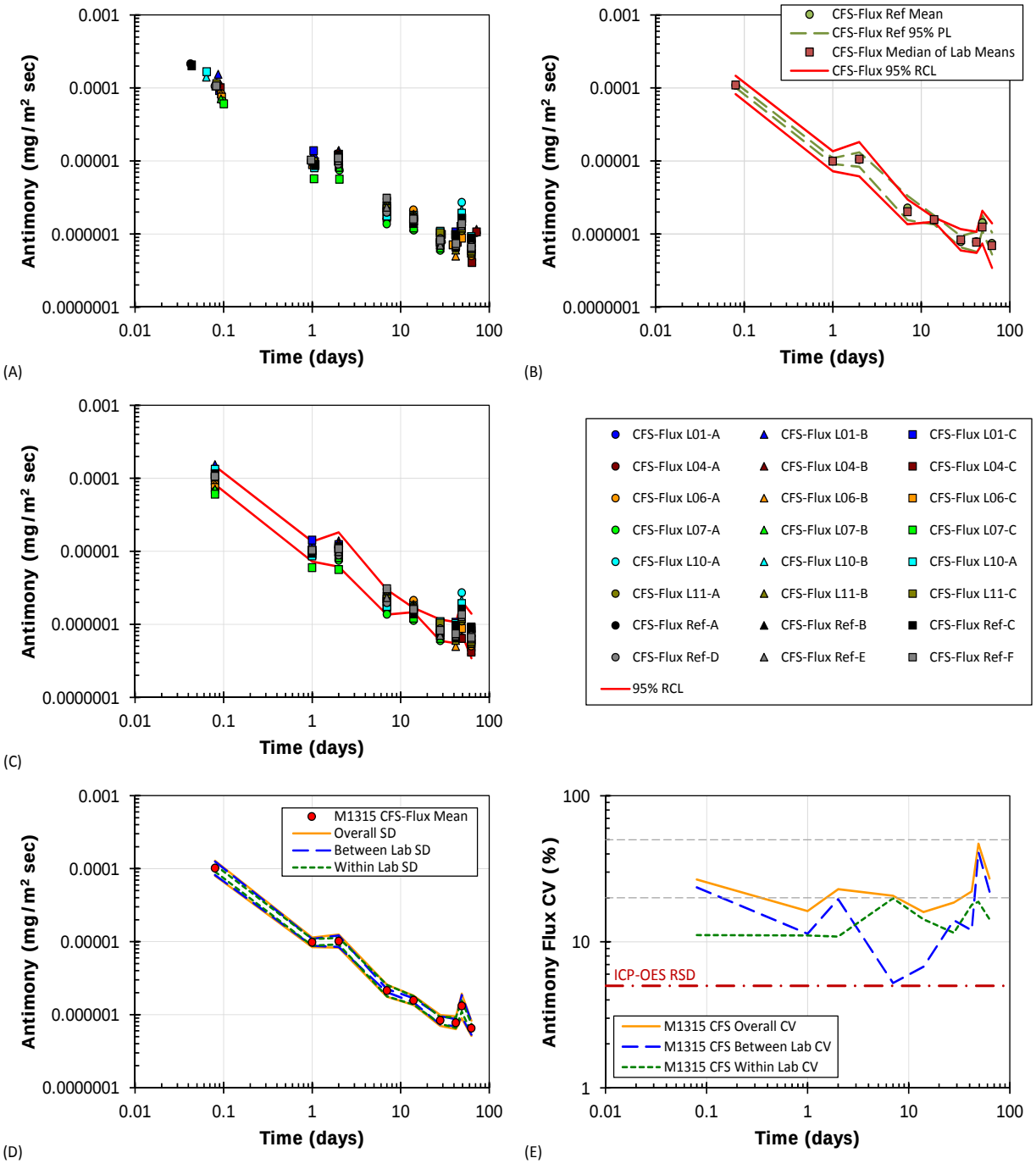

Figure 34. Antimony interval flux from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

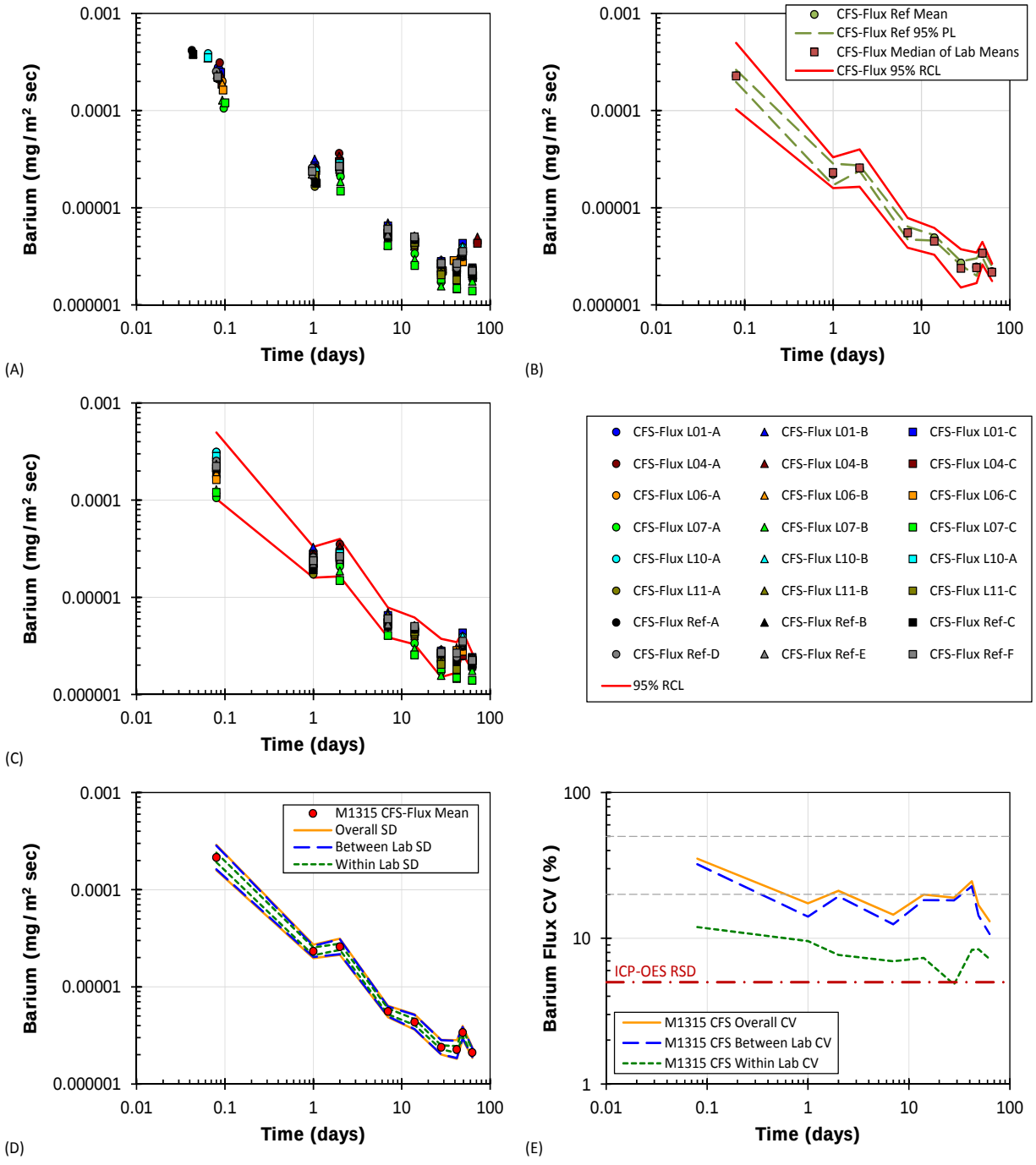

Figure 35. Barium interval flux from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

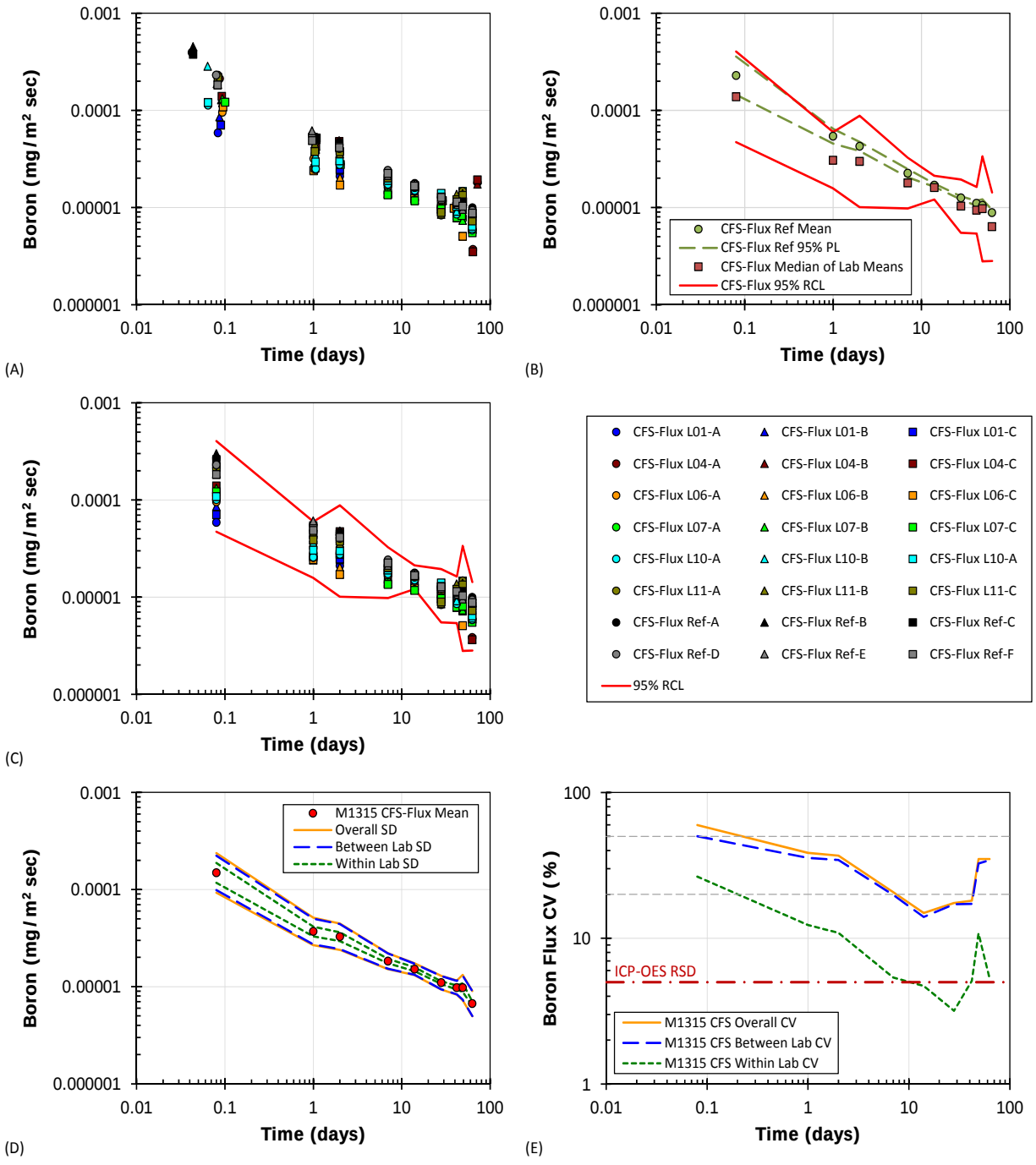

Figure 36. Boron interval flux from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

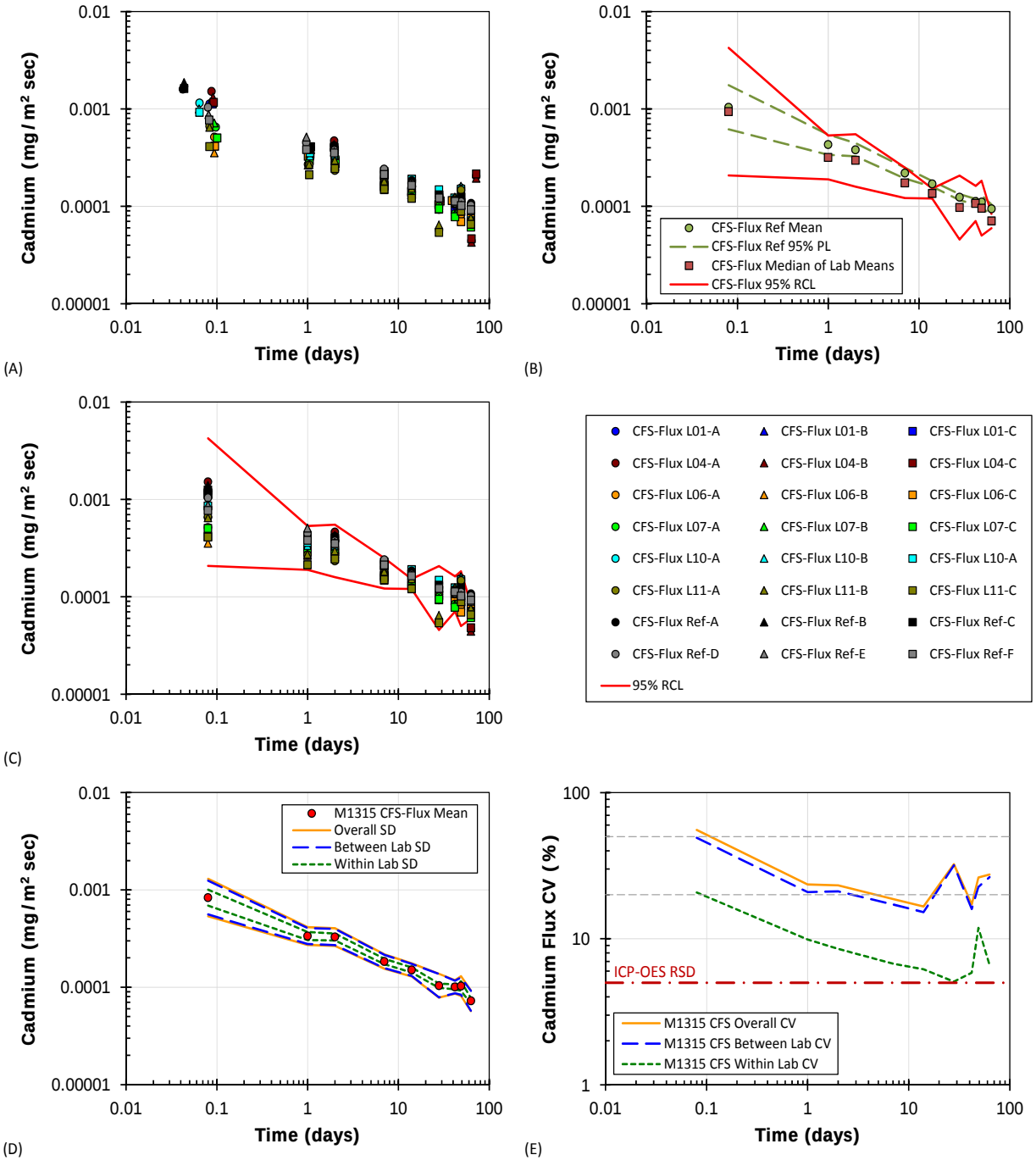

Figure 37. Cadmium interval flux from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

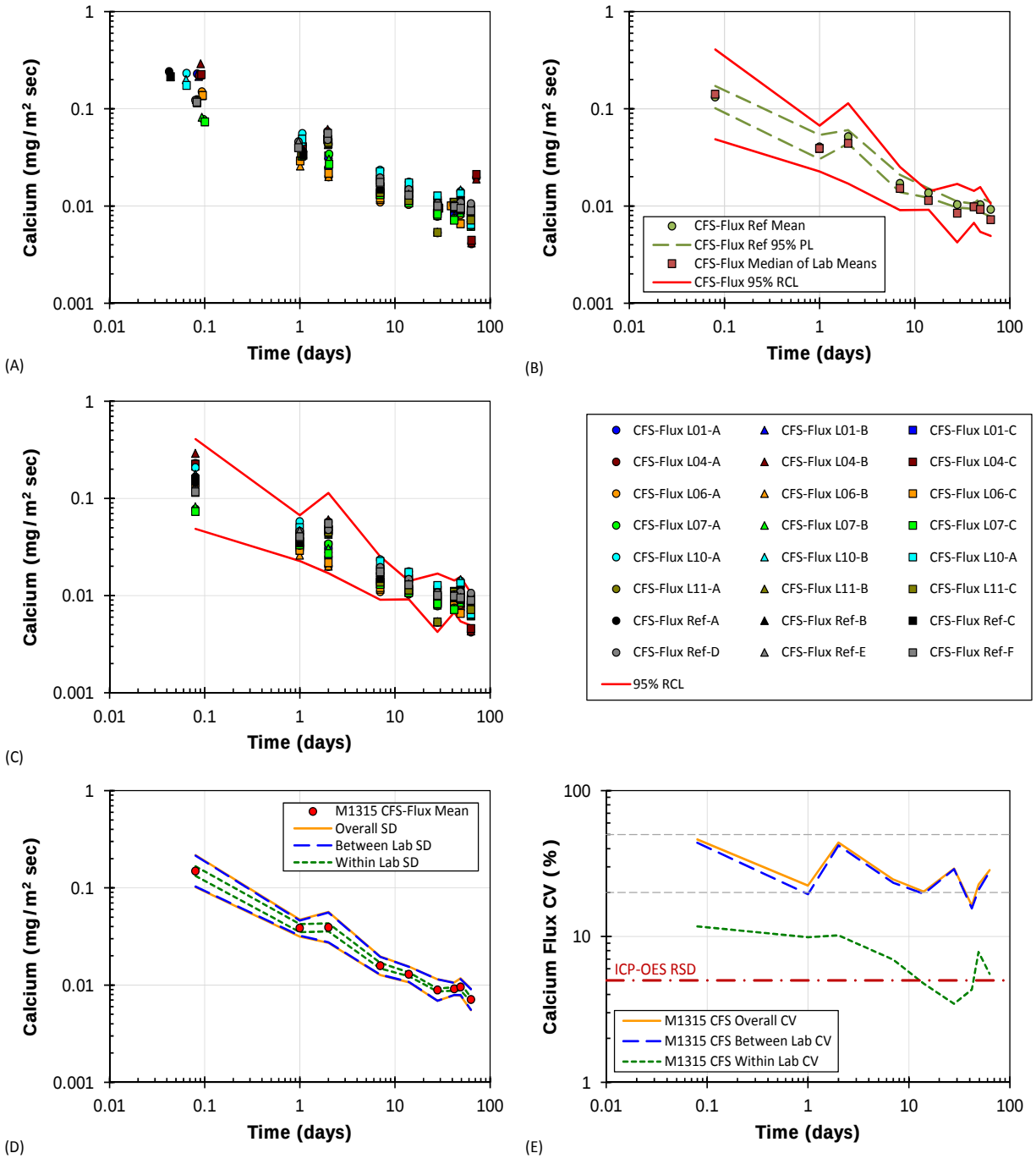

Figure 38. Calcium interval flux from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

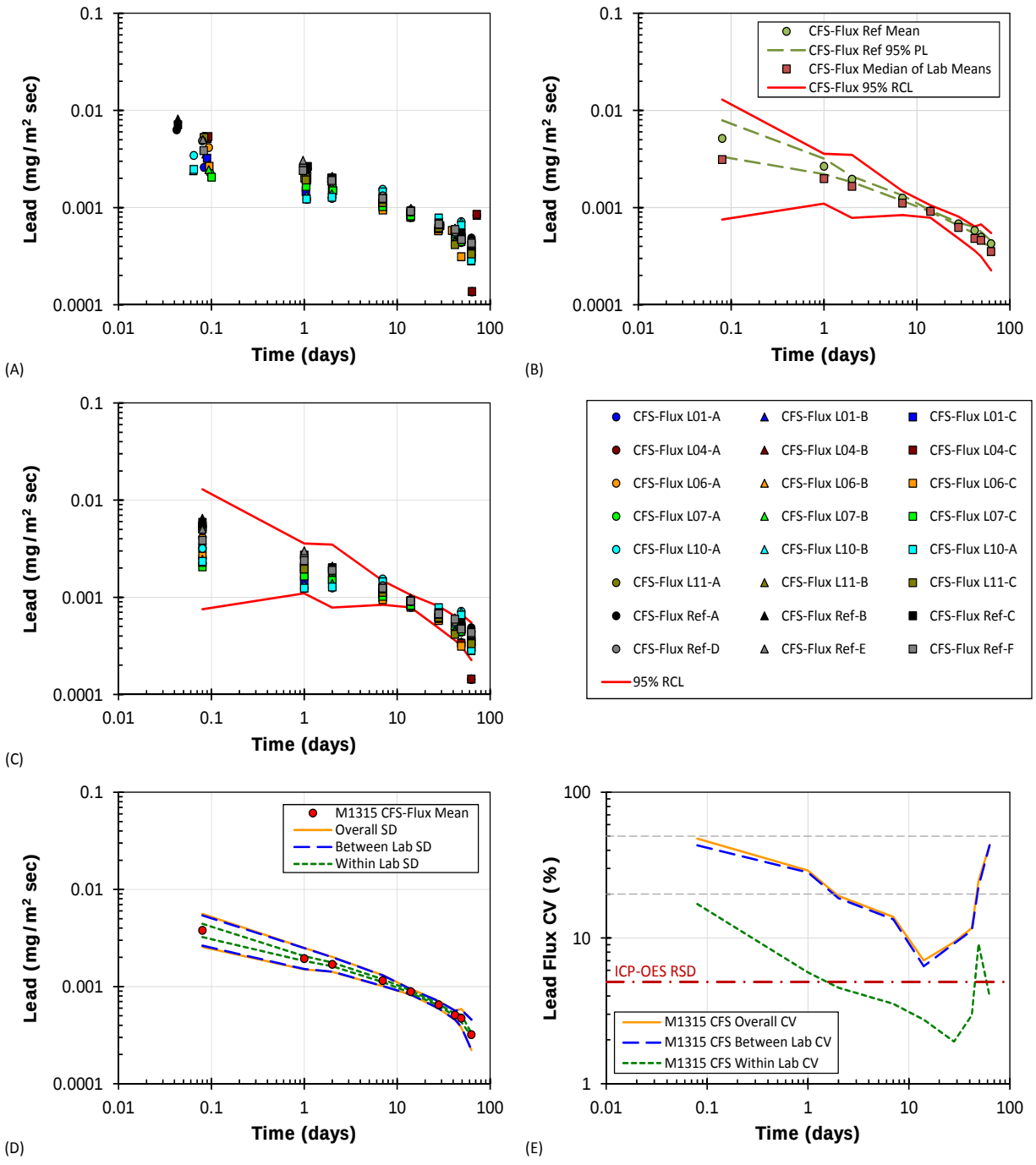

Figure 39. Lead interval flux from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

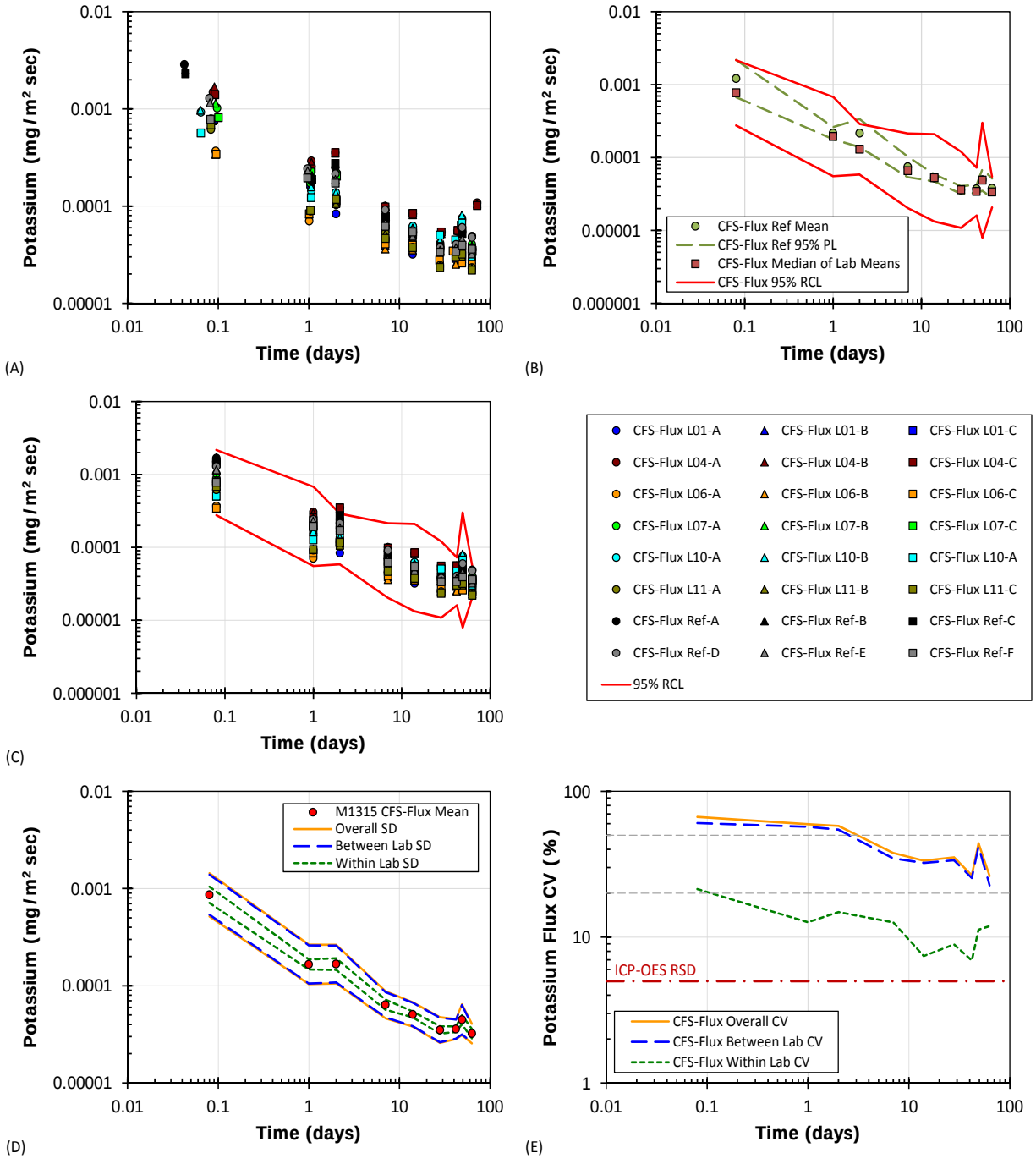

Figure 40. Potassium interval flux from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

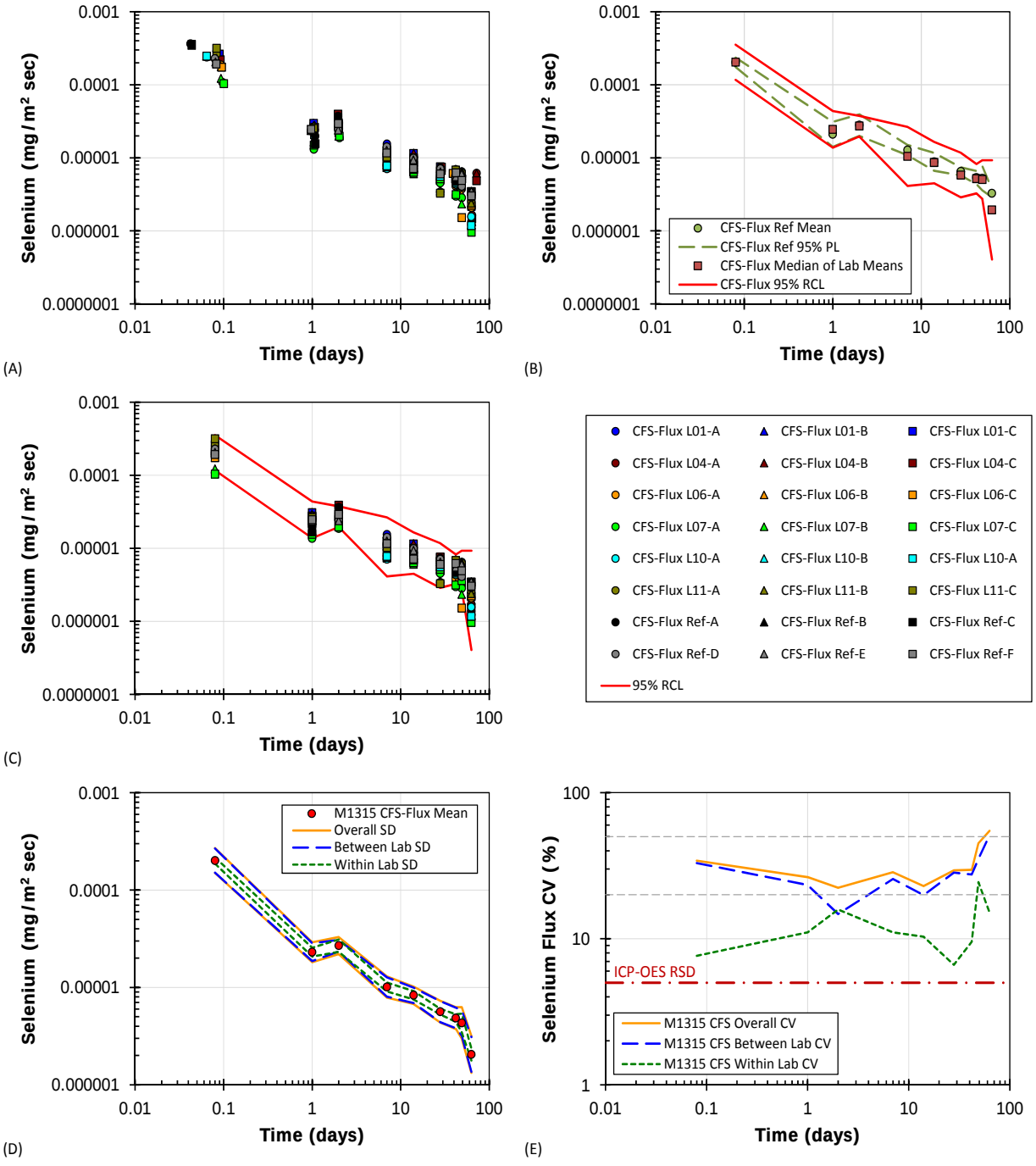

Figure 41. Selenium interval flux from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

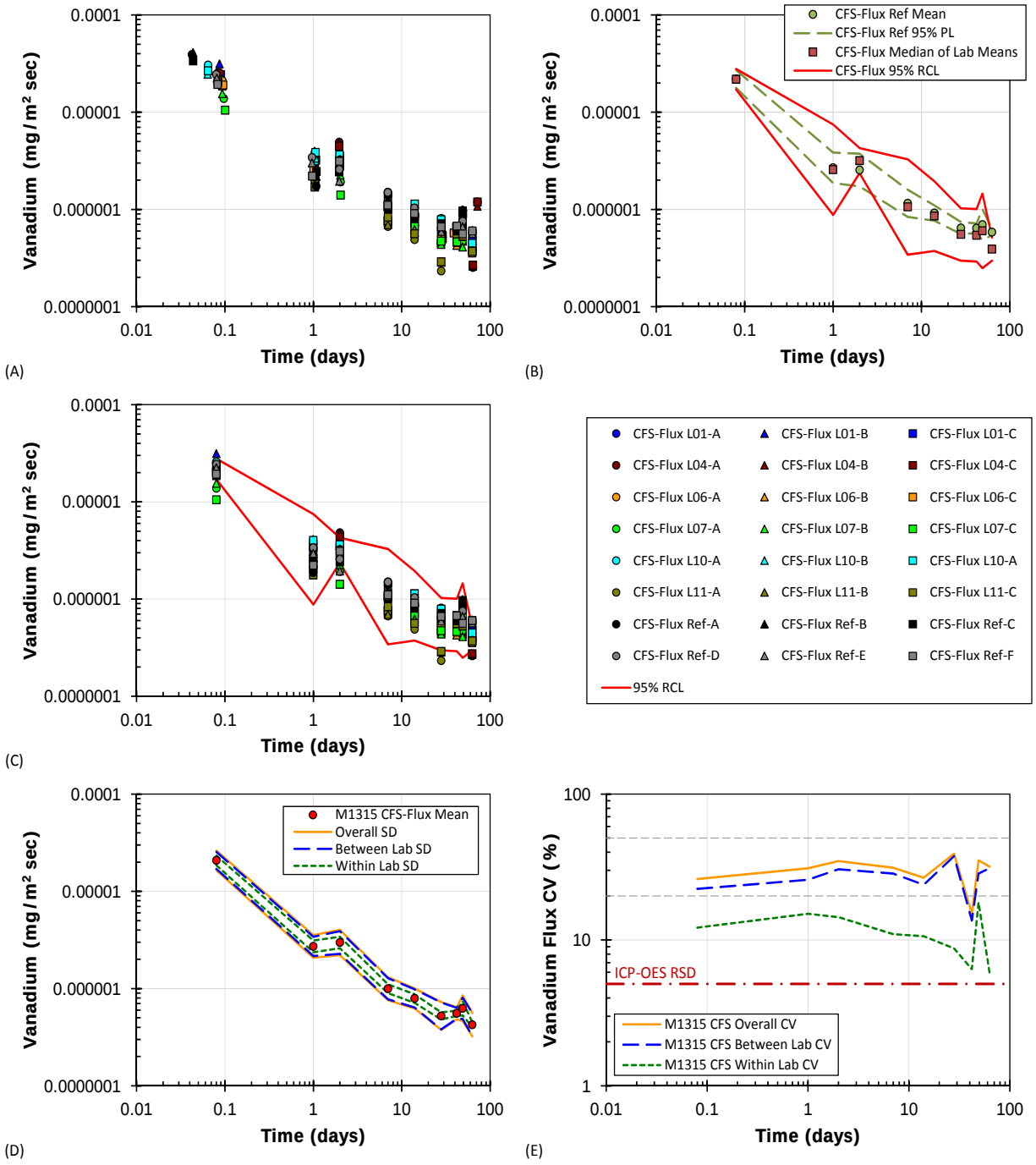

Figure 42. Vanadium interval flux from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

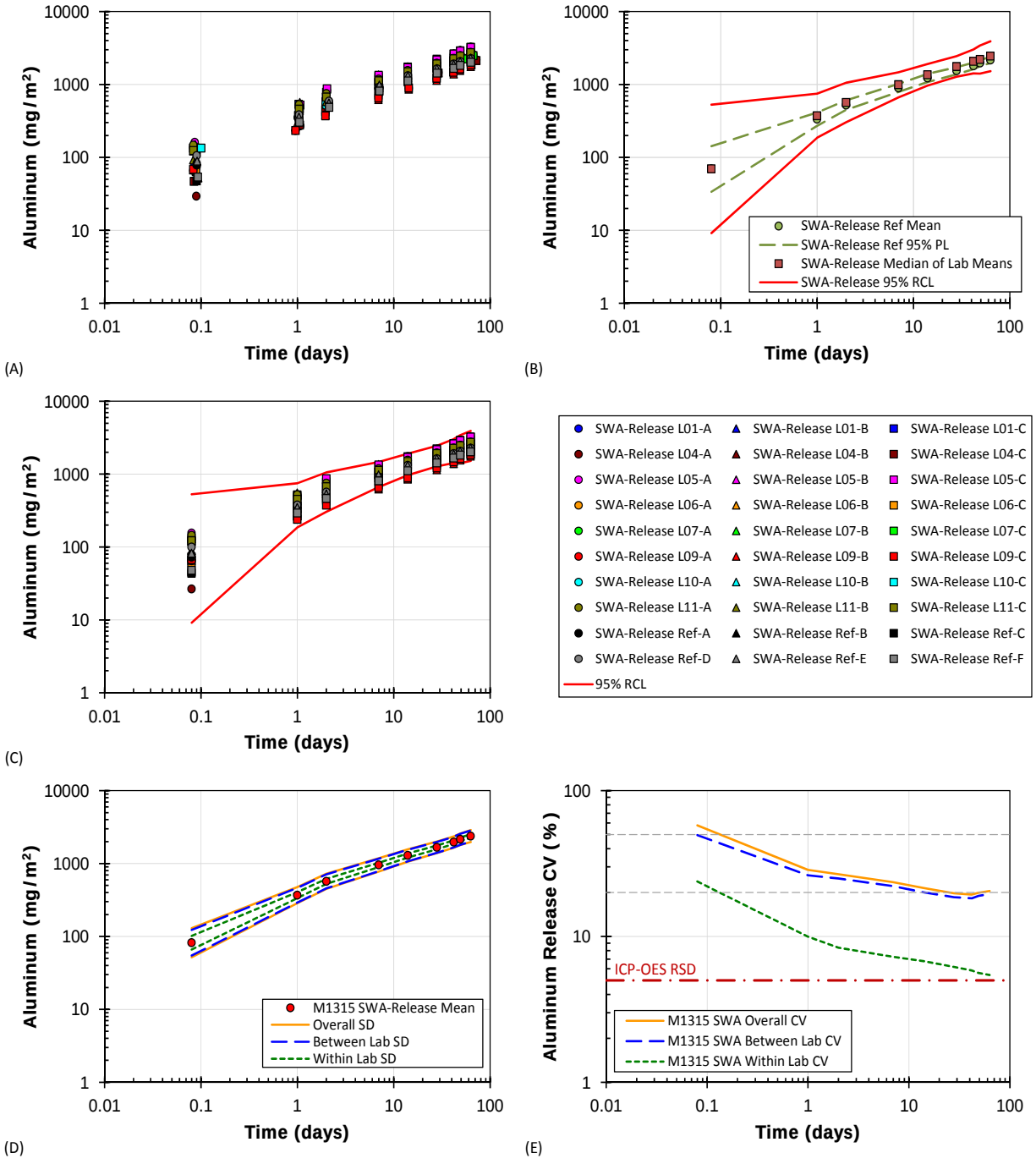

Figure 43. Aluminum cumulative release from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

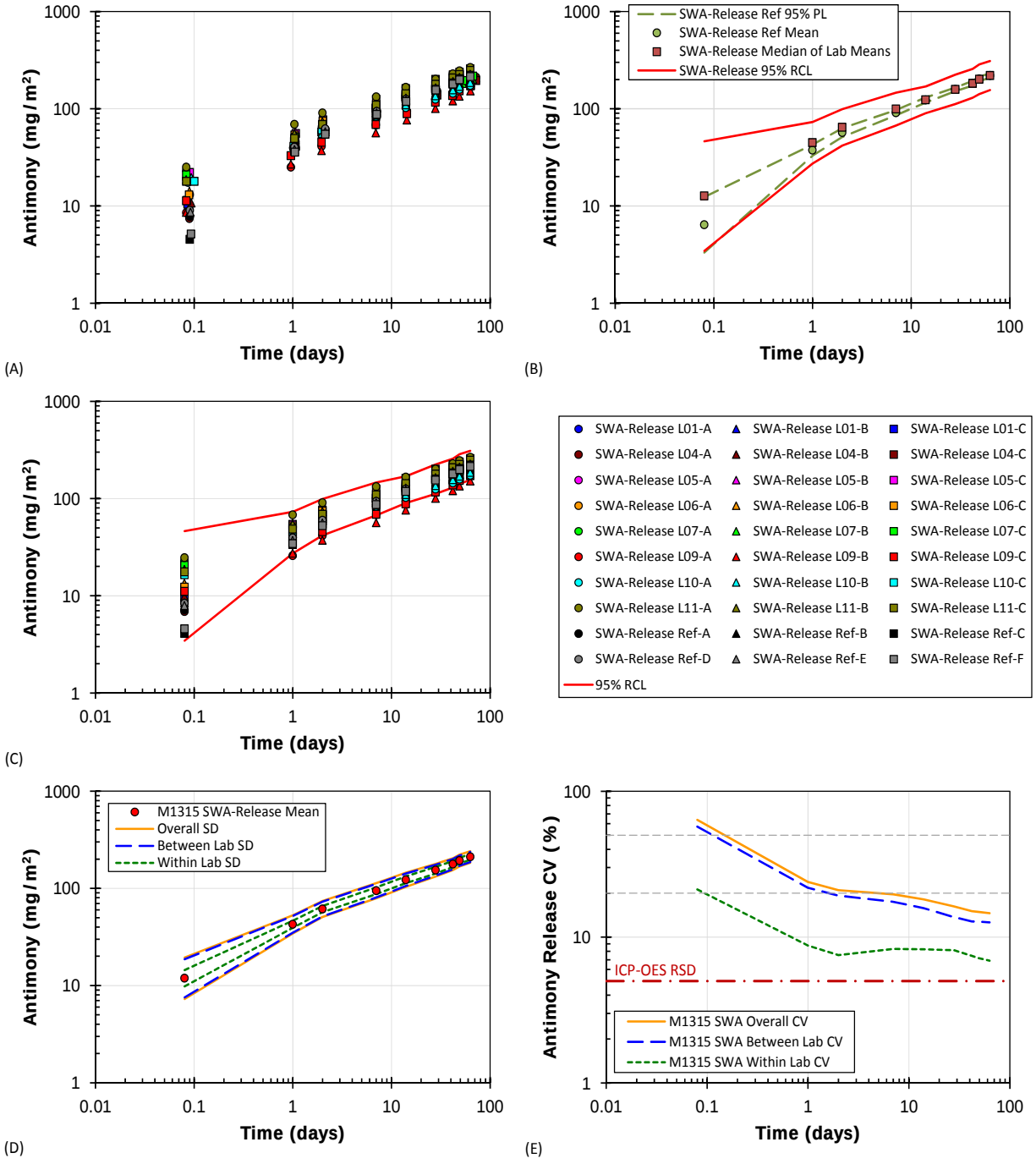

Figure 44. Antimony cumulative release from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

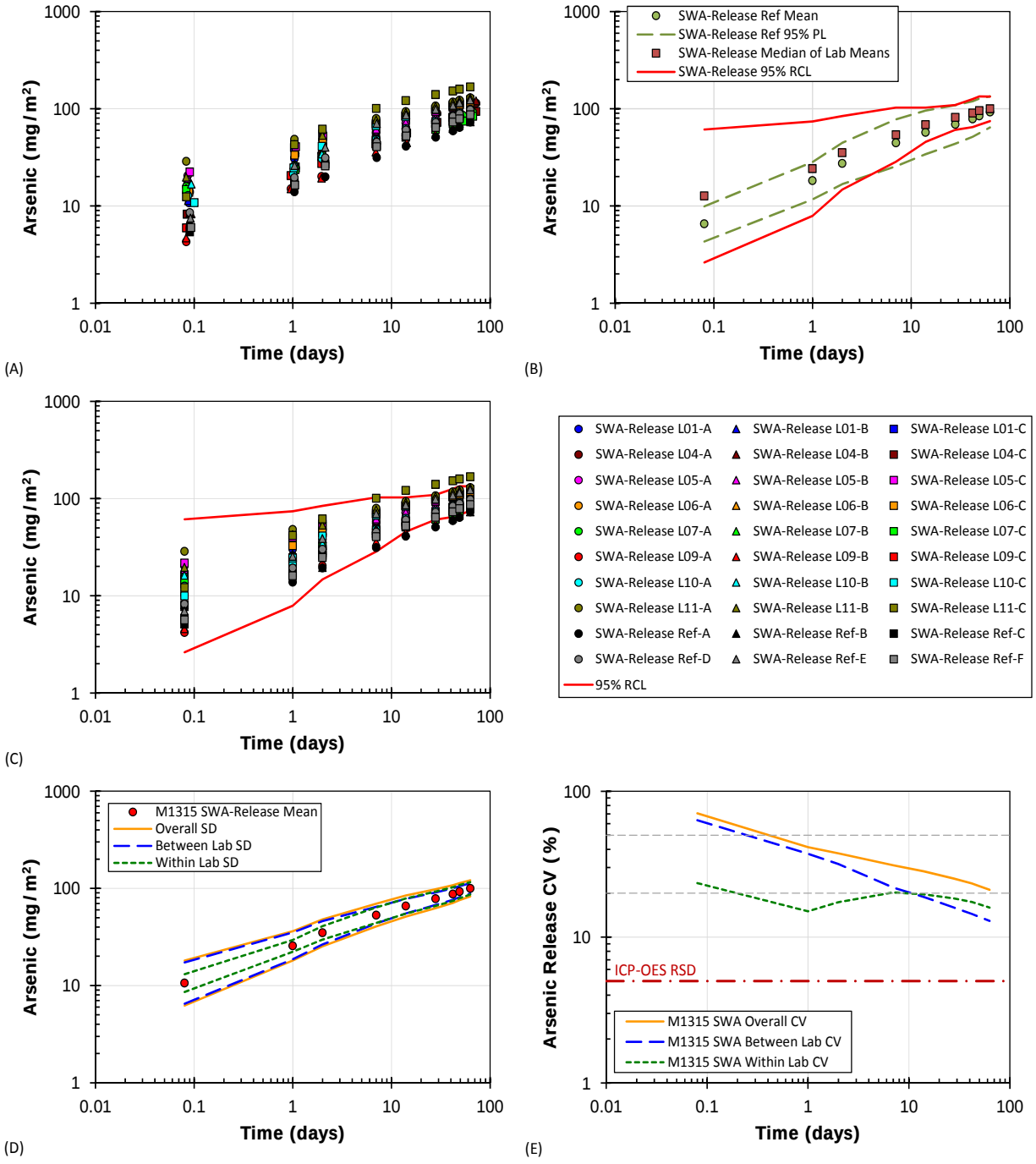

Figure 45. Arsenic cumulative release from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

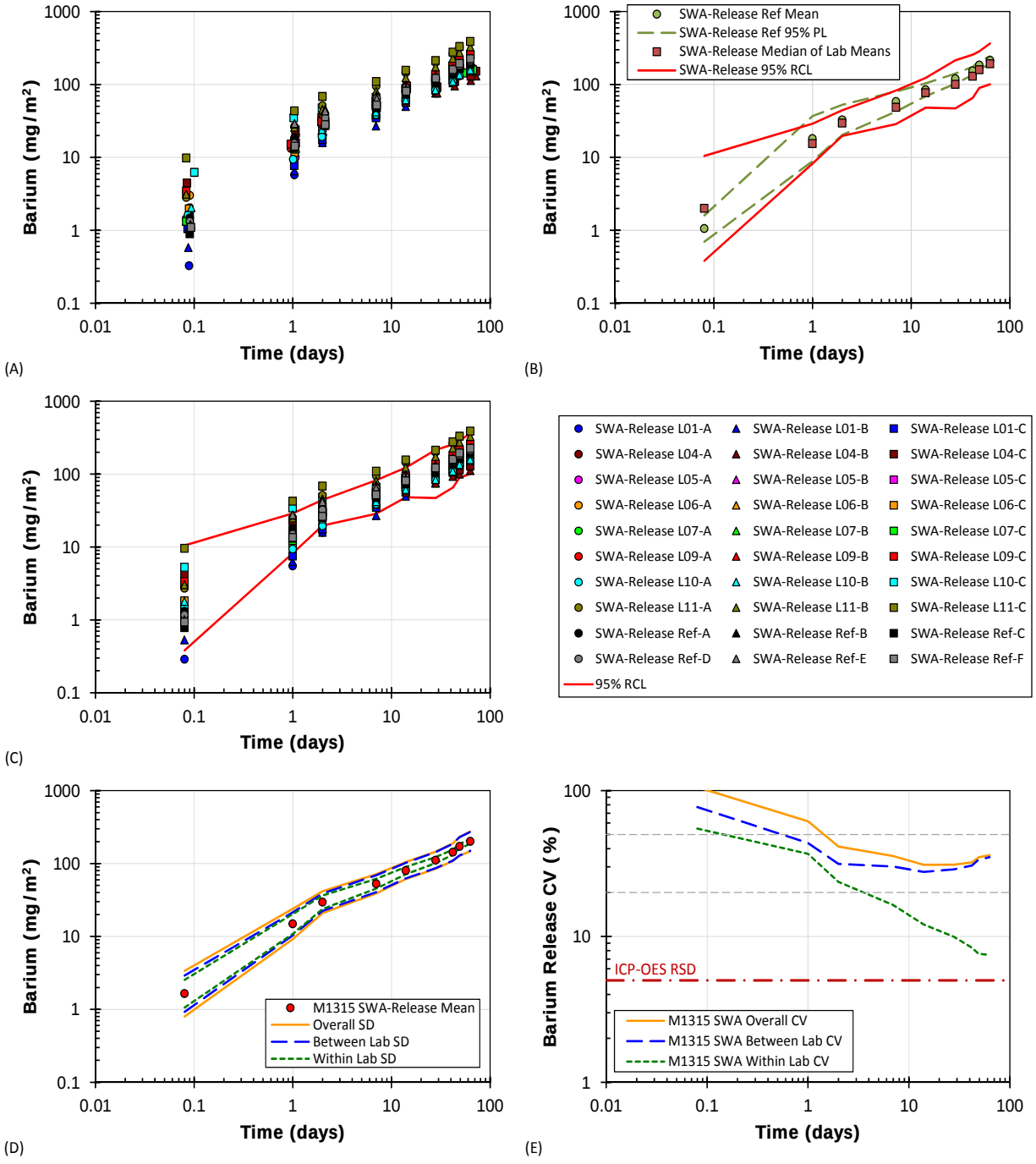

Figure 46. Barium cumulative release from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

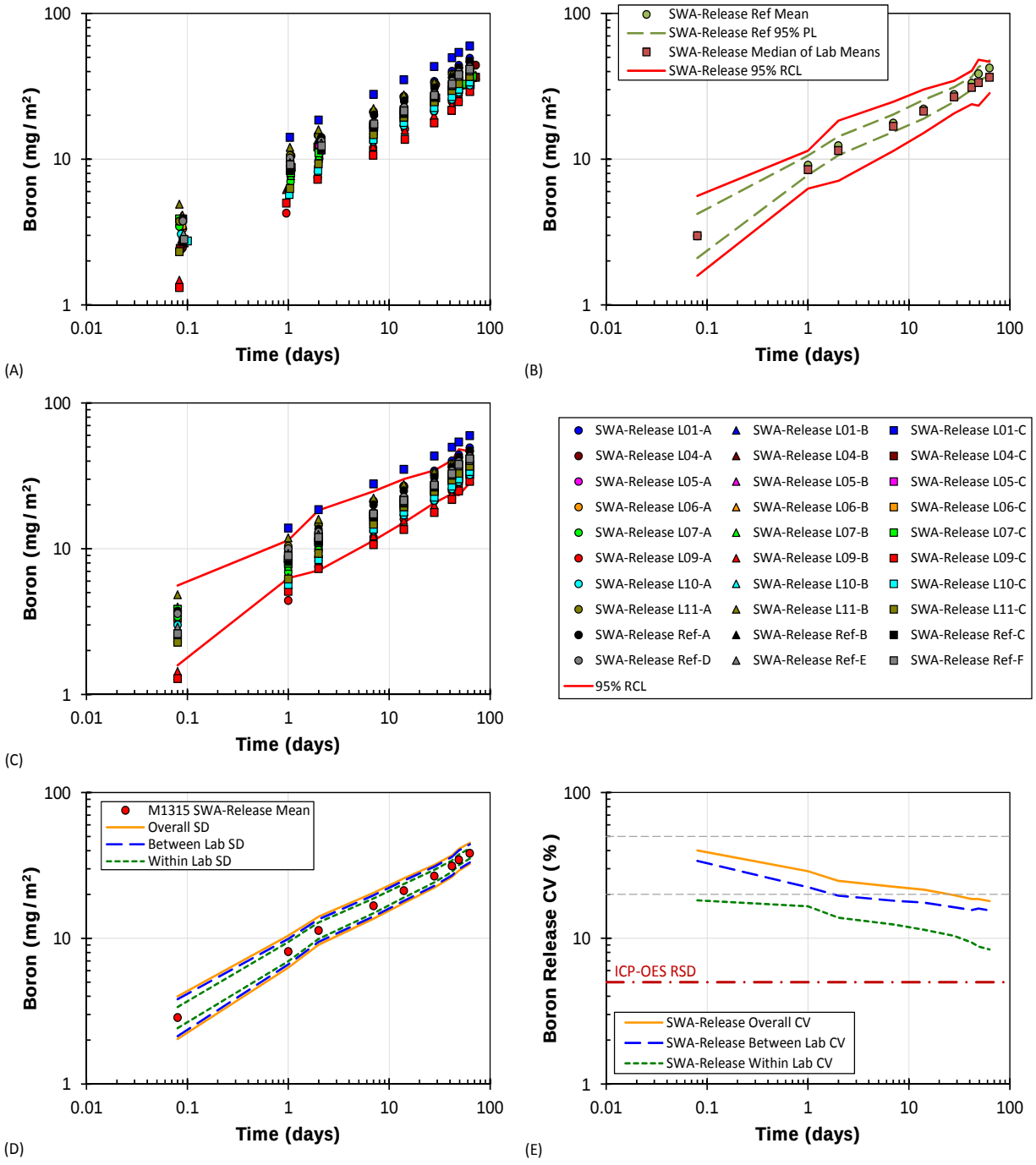

Figure 47. Boron cumulative release from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

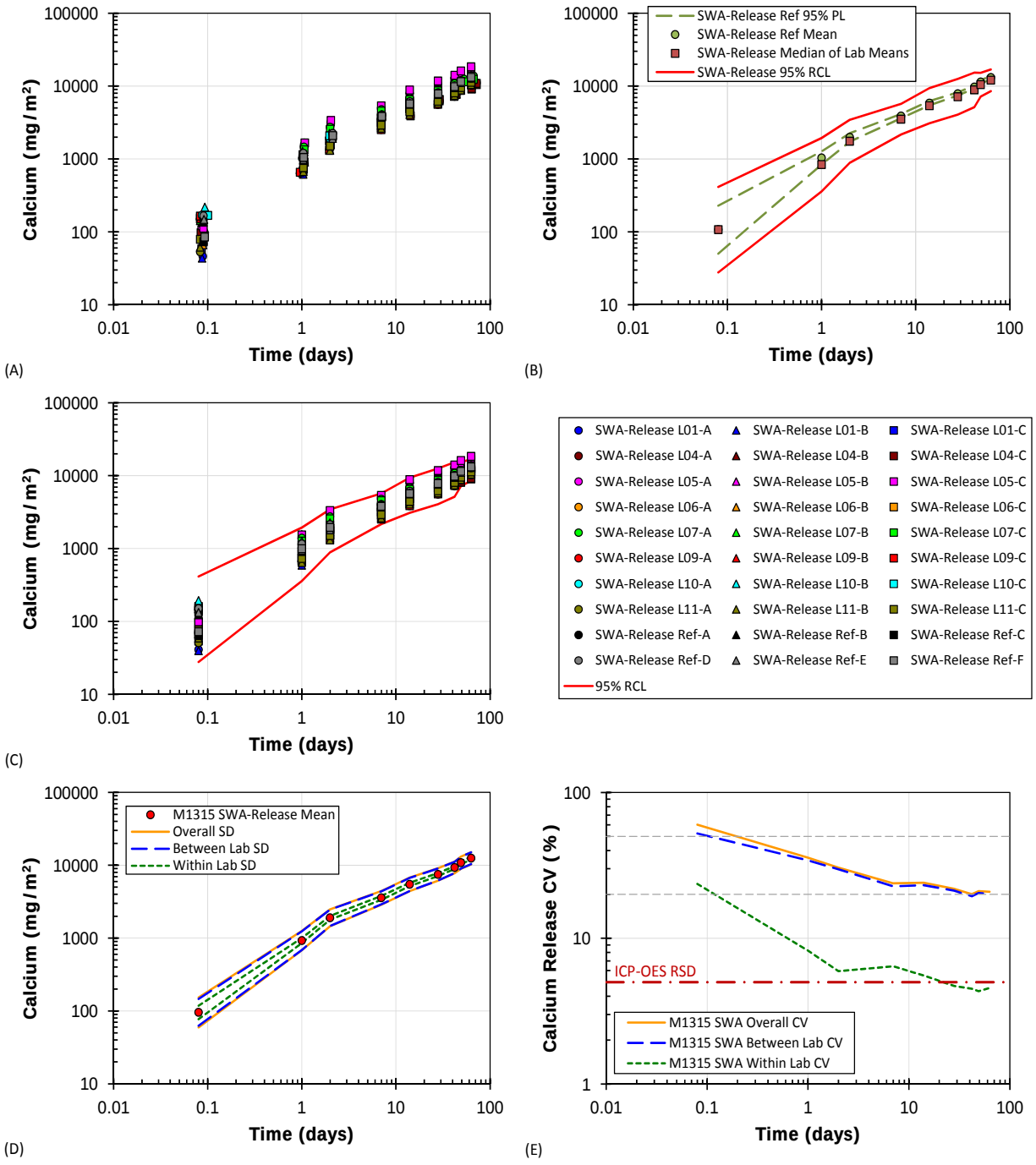

Figure 48. Calcium cumulative release from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

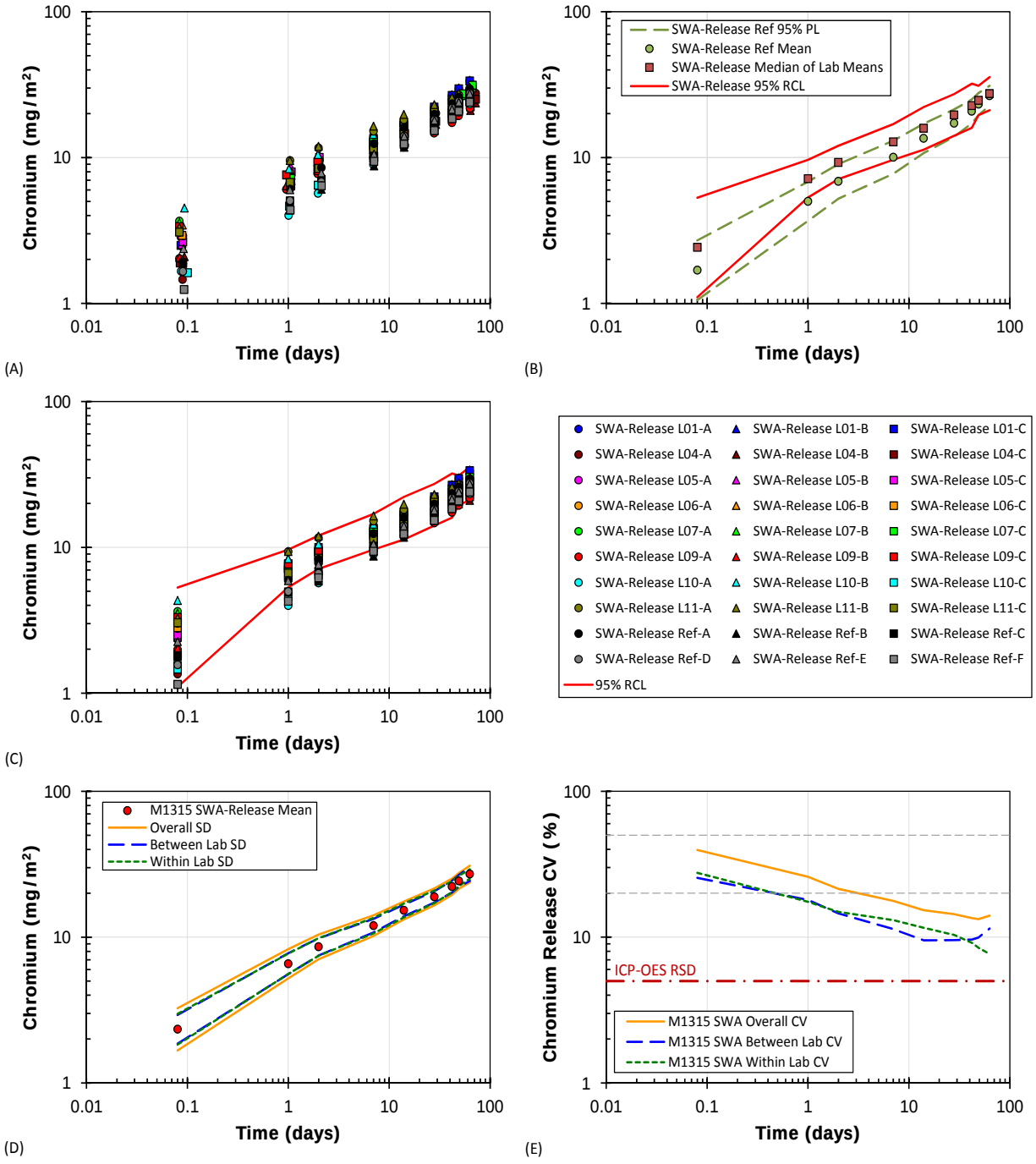

Figure 49. Chromium cumulative release from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

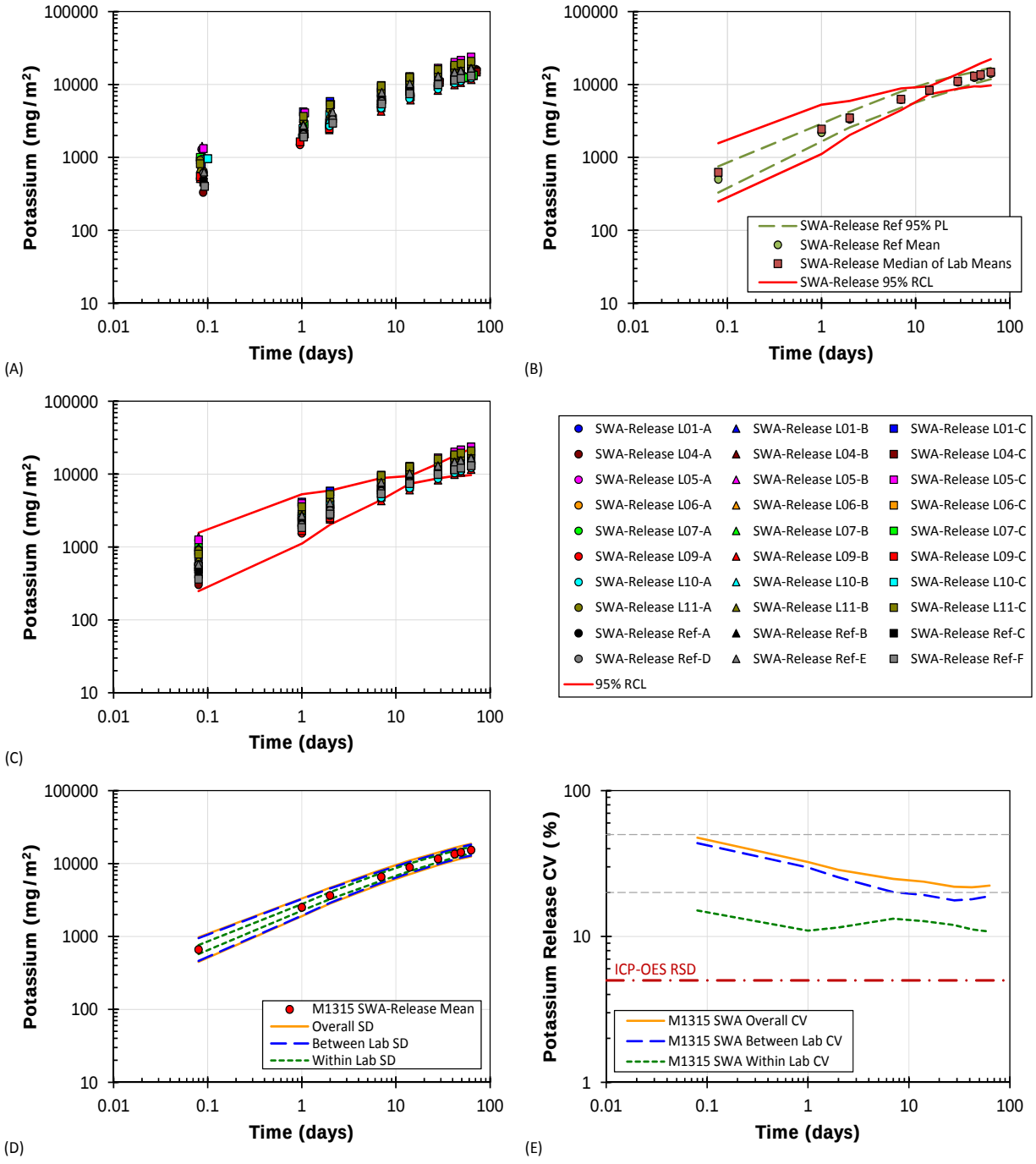

Figure 50. Potassium cumulative release from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

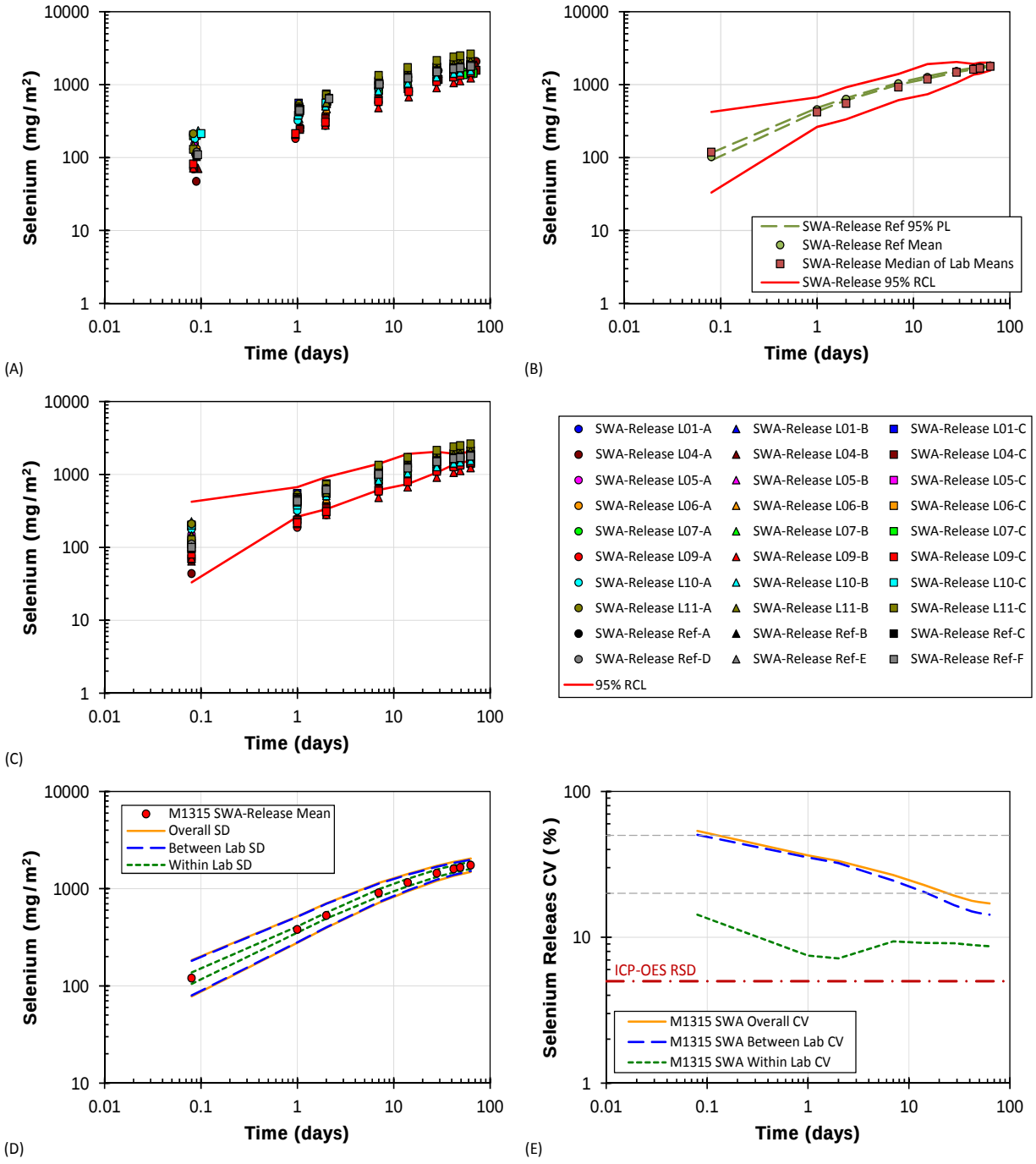

Figure 51. Selenium cumulative release from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

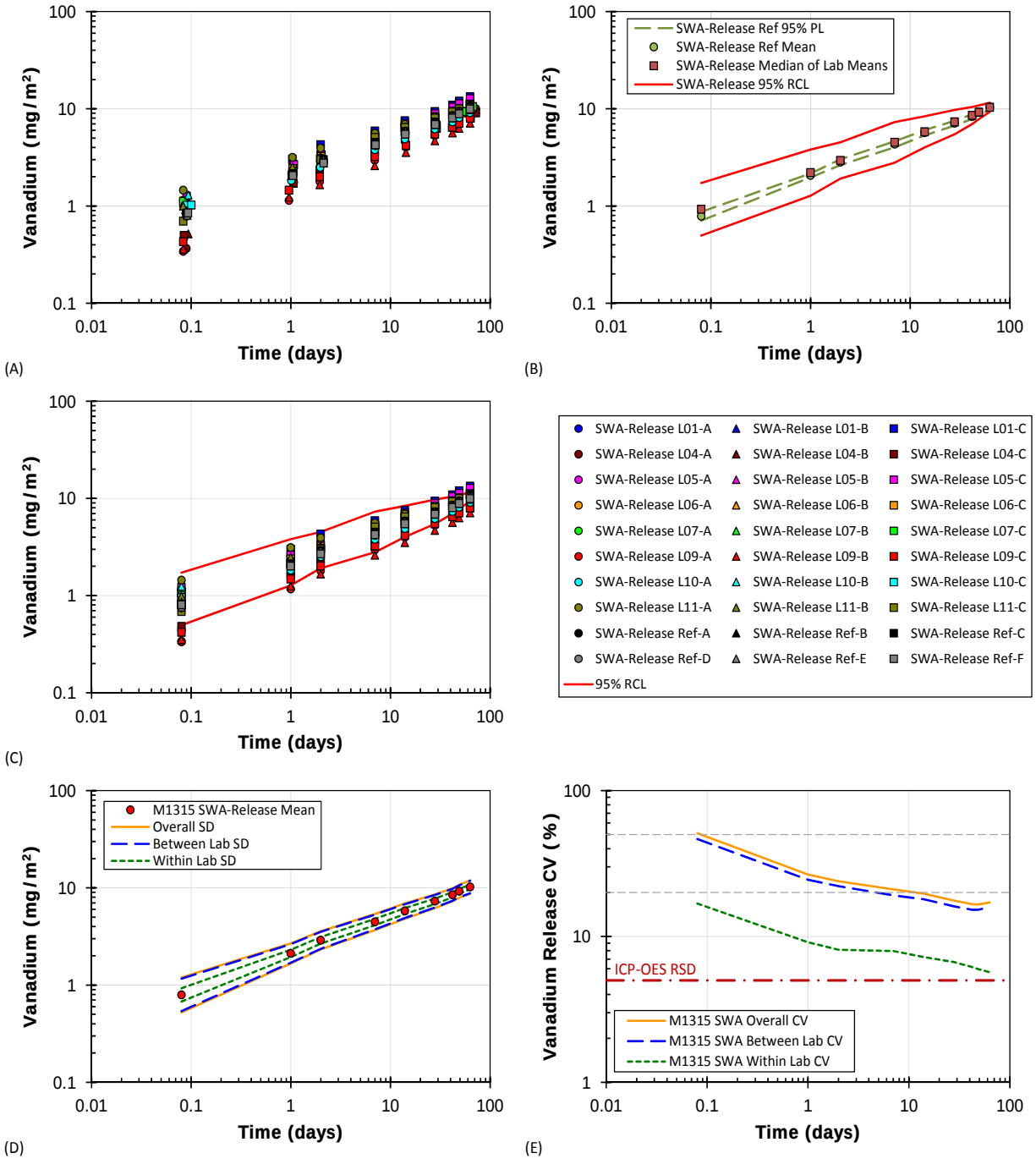

Figure 52. Vanadium cumulative release from Method 1315 for material SWA. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

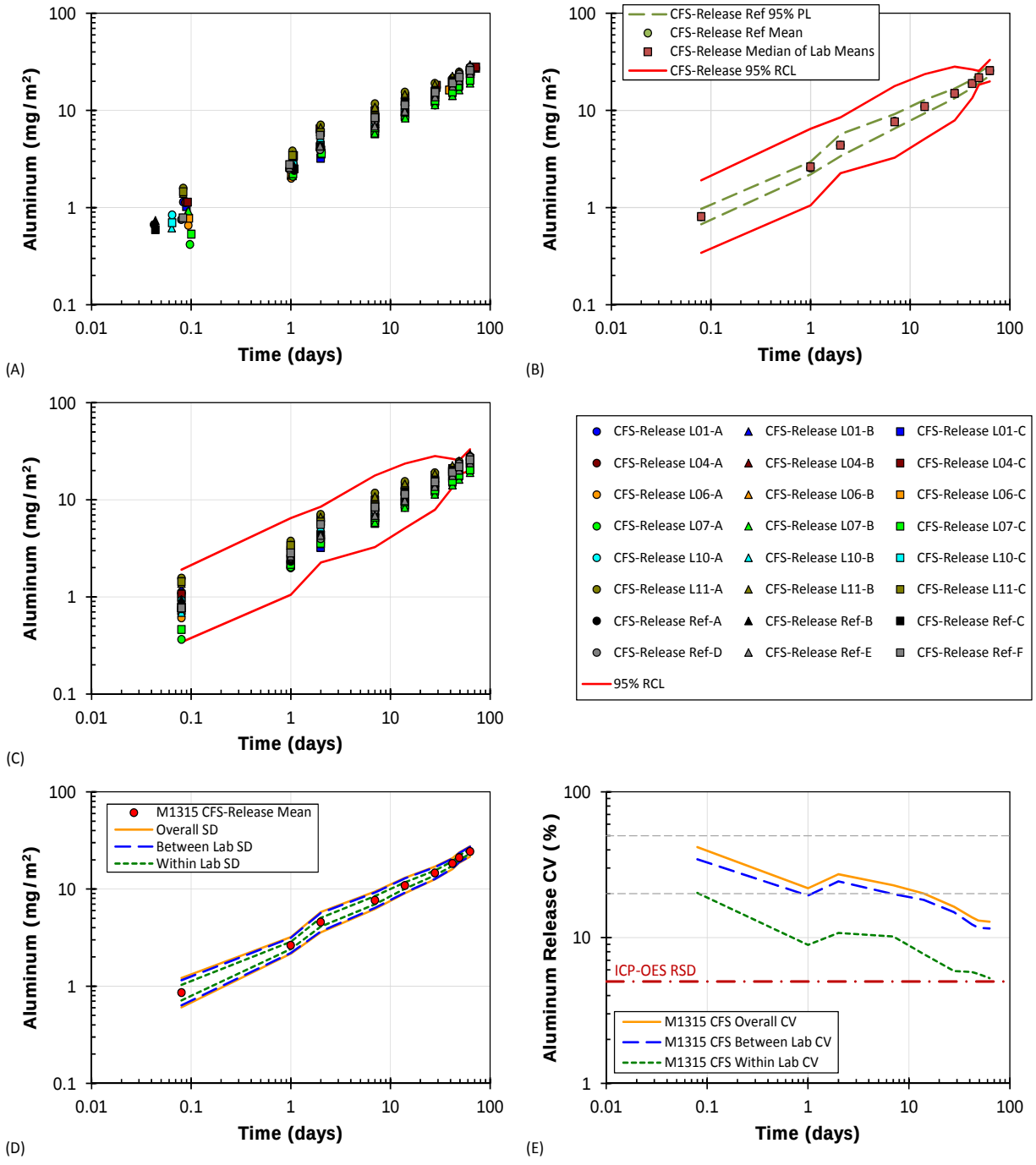

Figure 53. Aluminum cumulative release from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

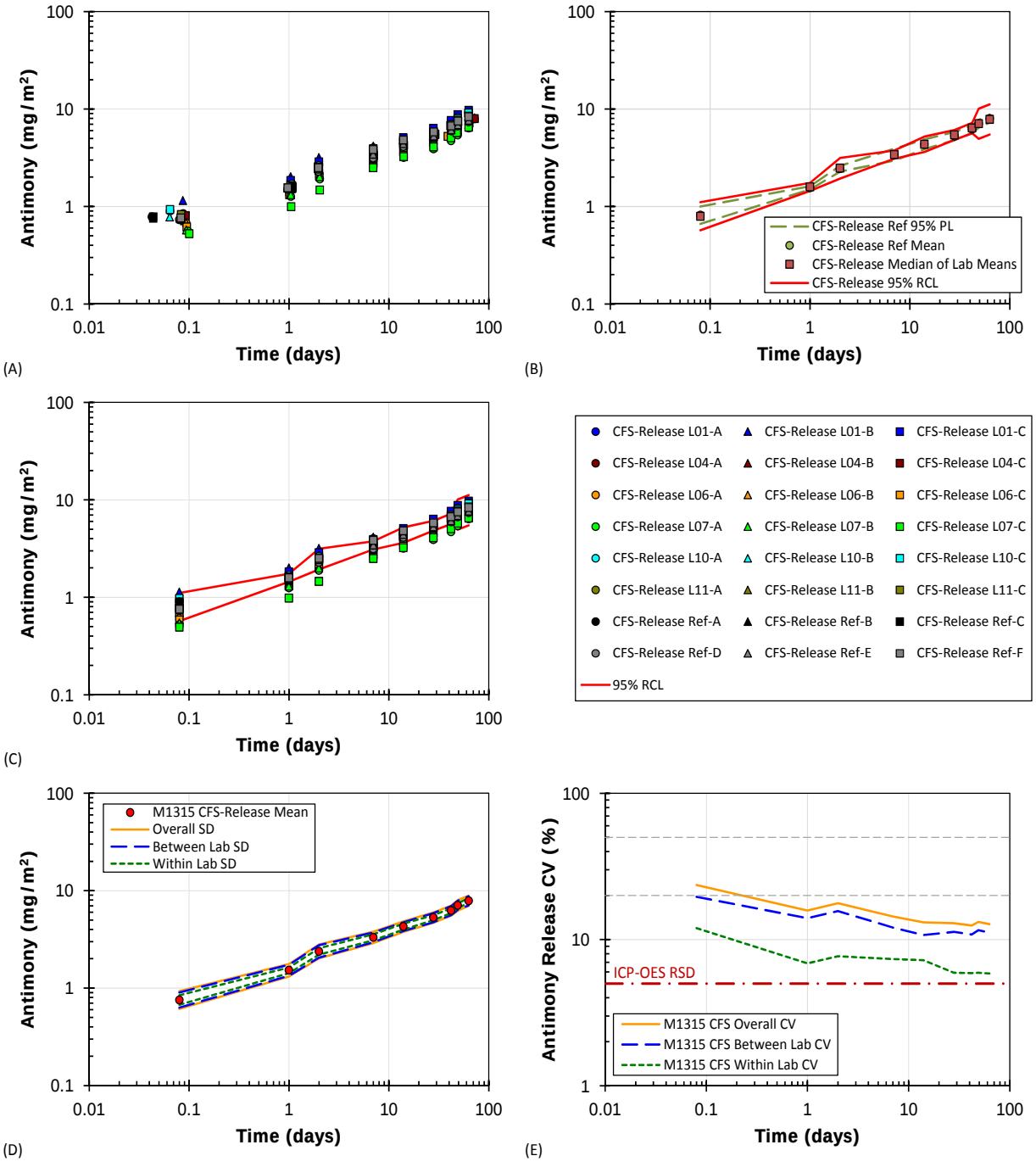

Figure 54. Antimony cumulative release from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

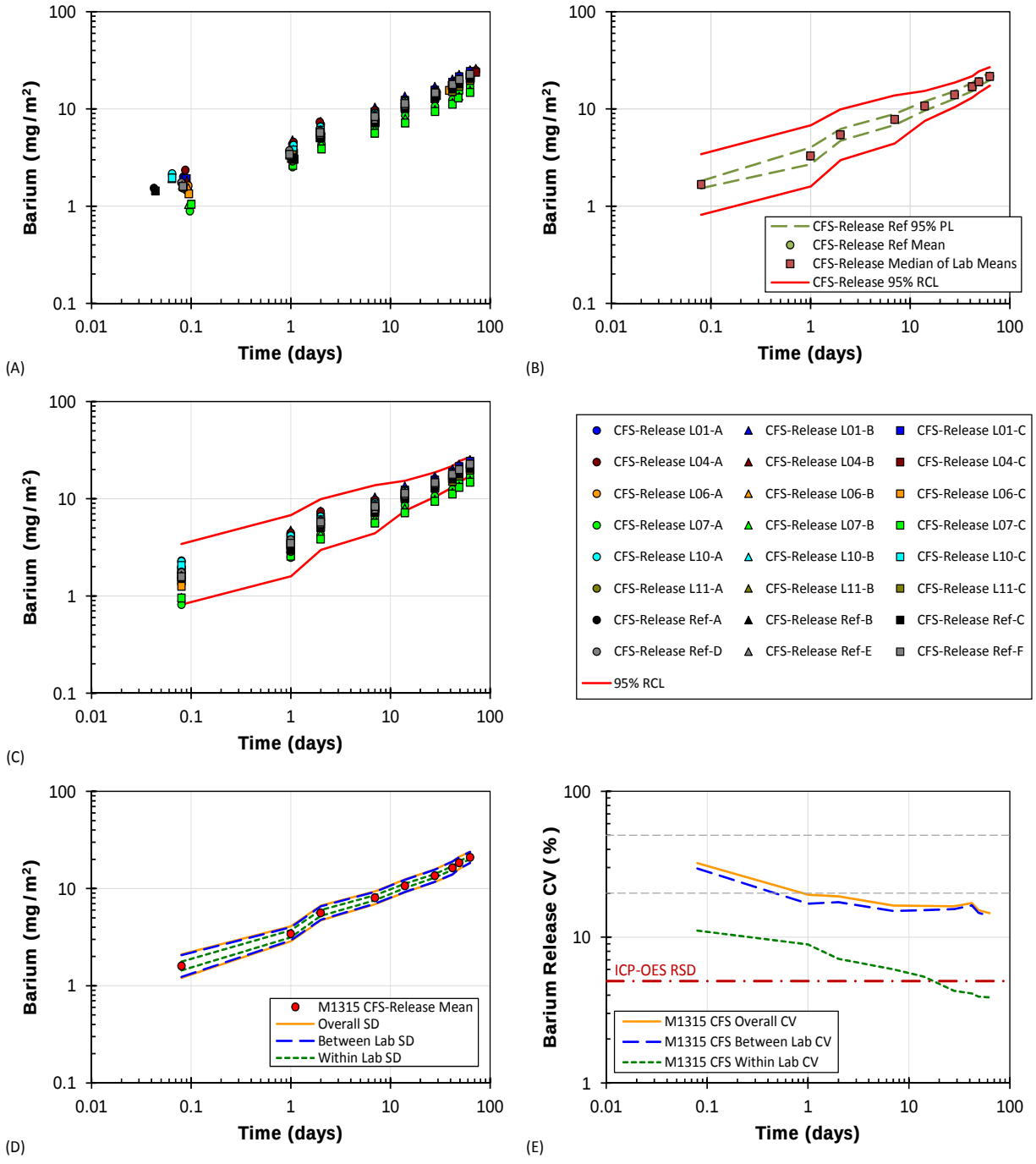

Figure 55. Barium cumulative release from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

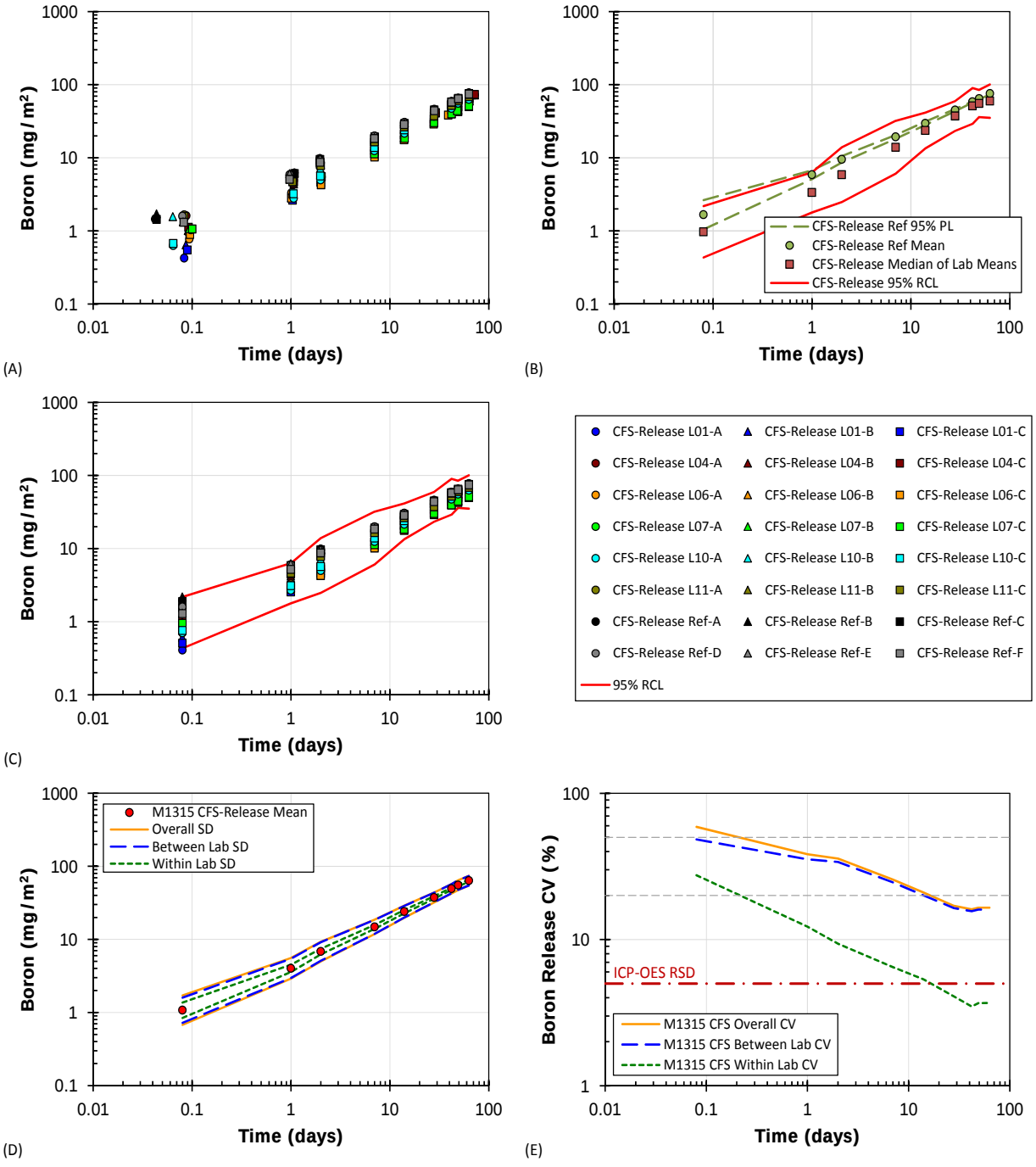

Figure 56. Boron cumulative release from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

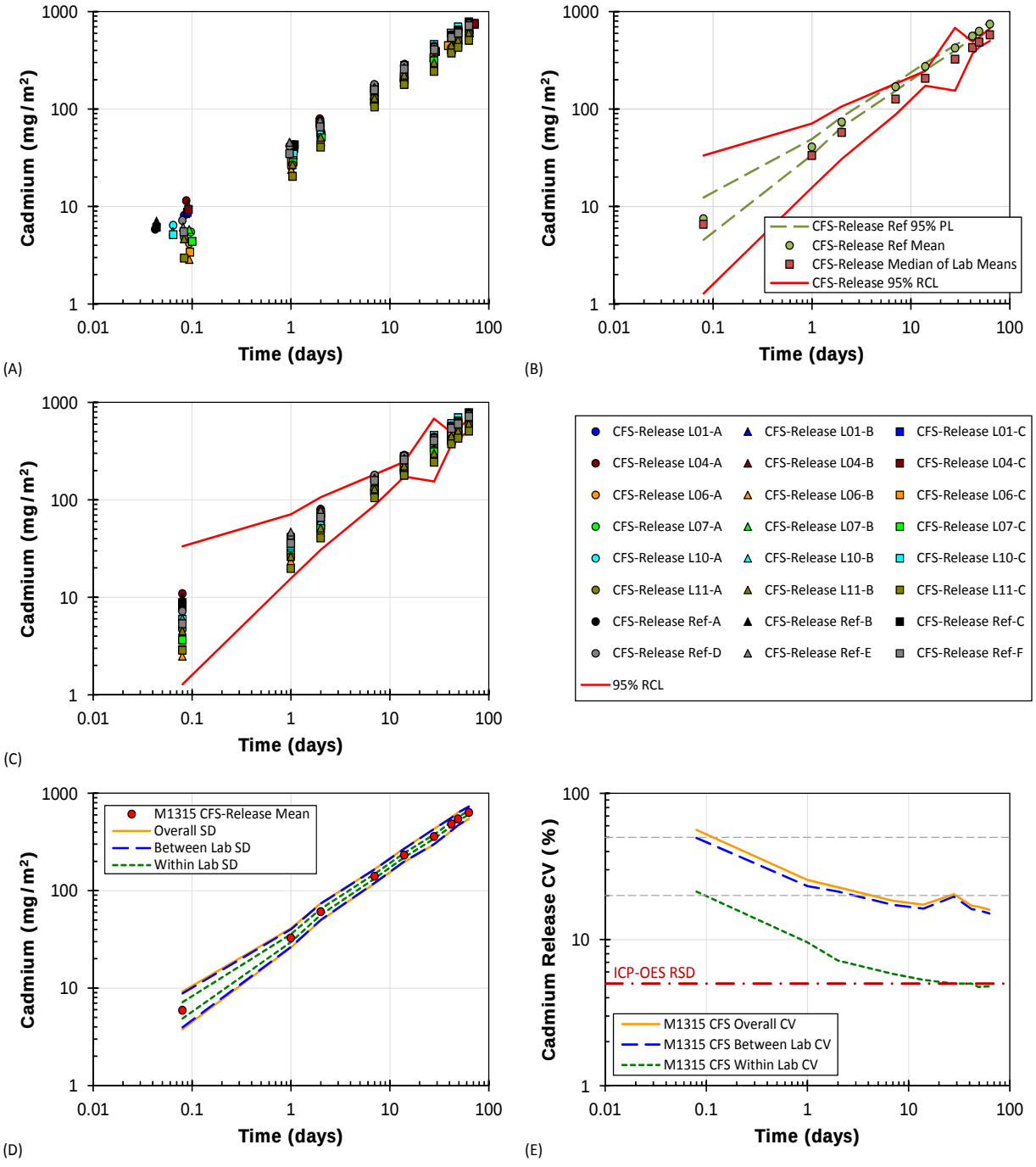

Figure 57. Cadmium cumulative release from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

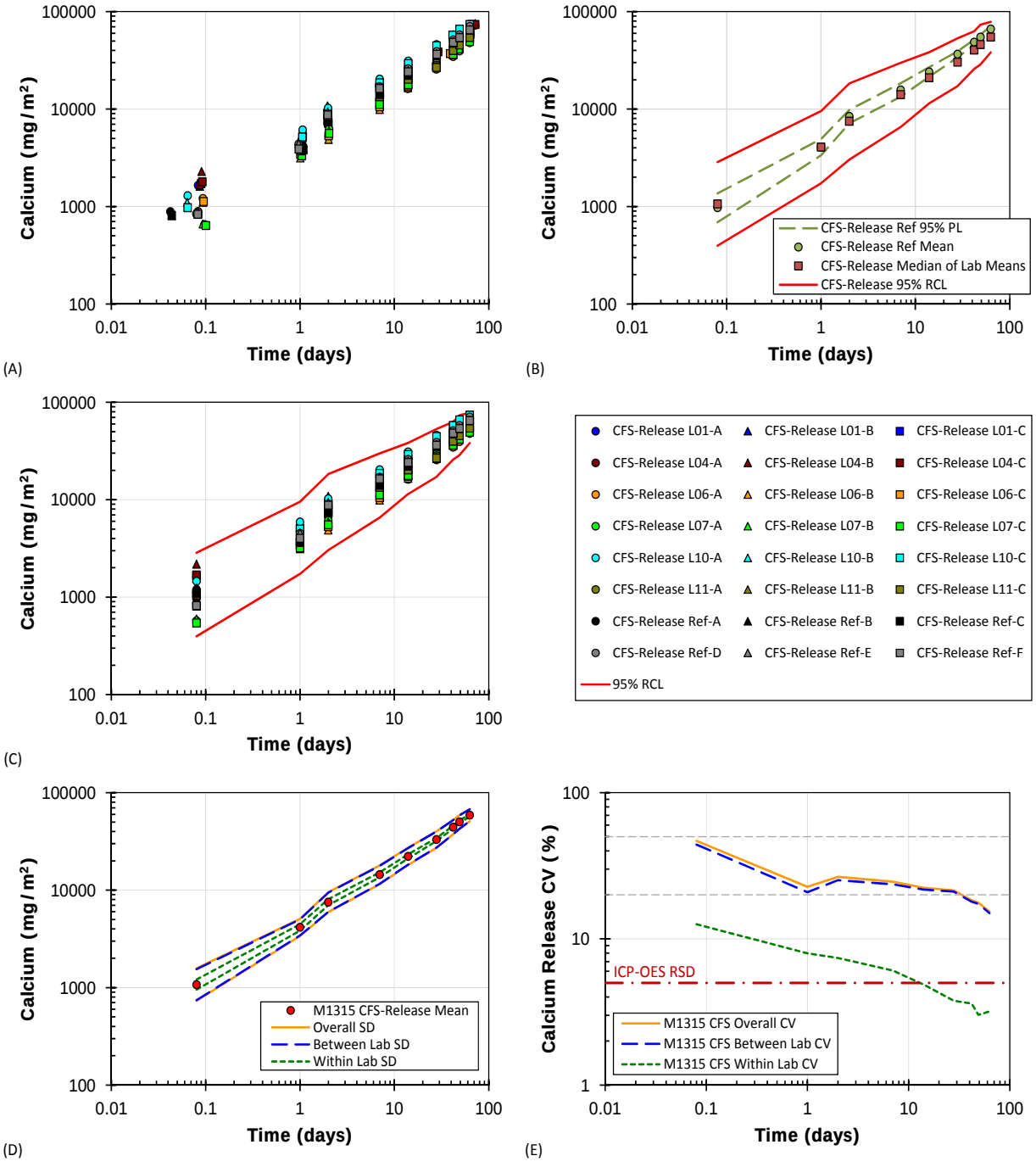

Figure 58. Calcium cumulative release from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

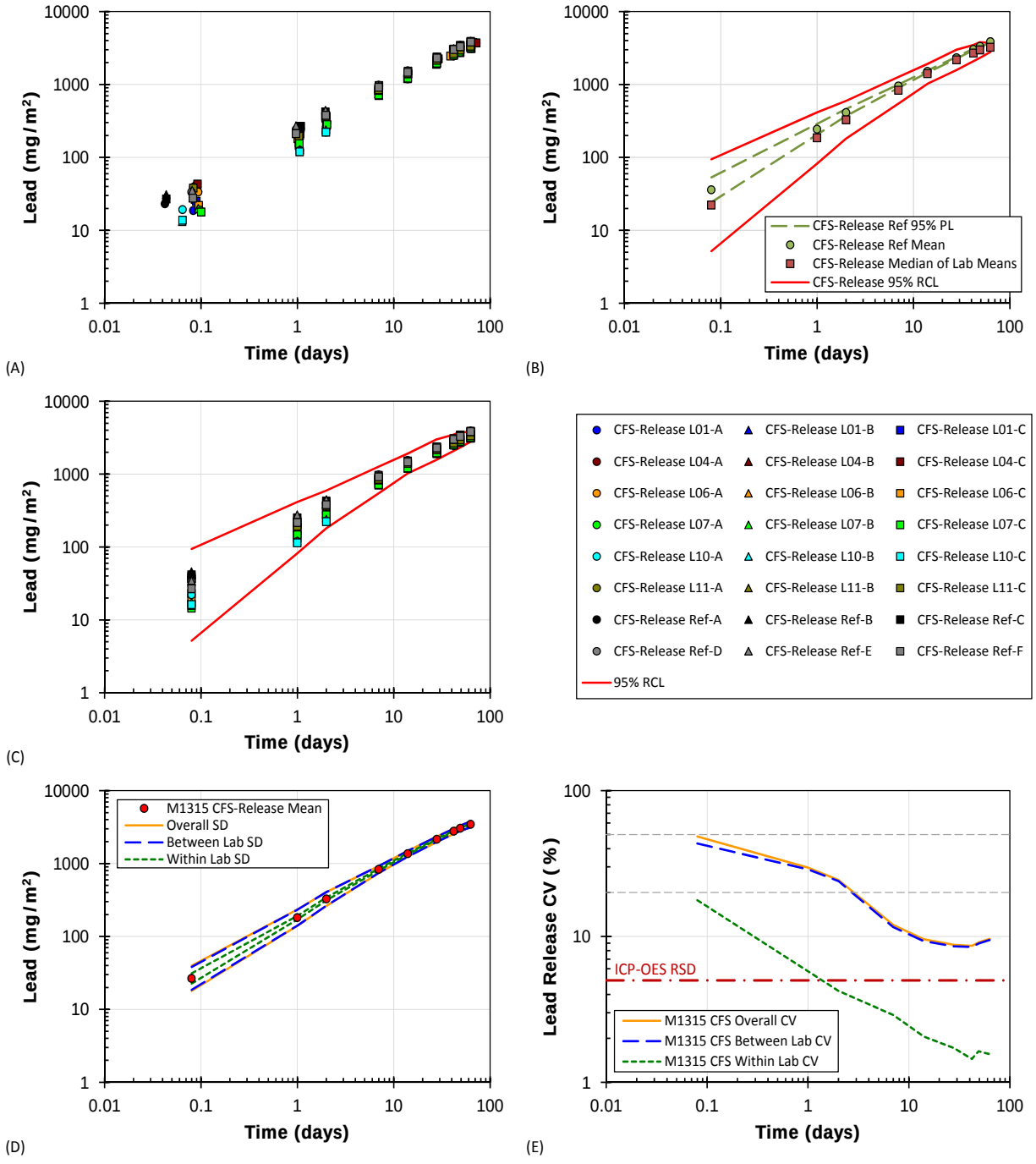

Figure 59. Lead cumulative release from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

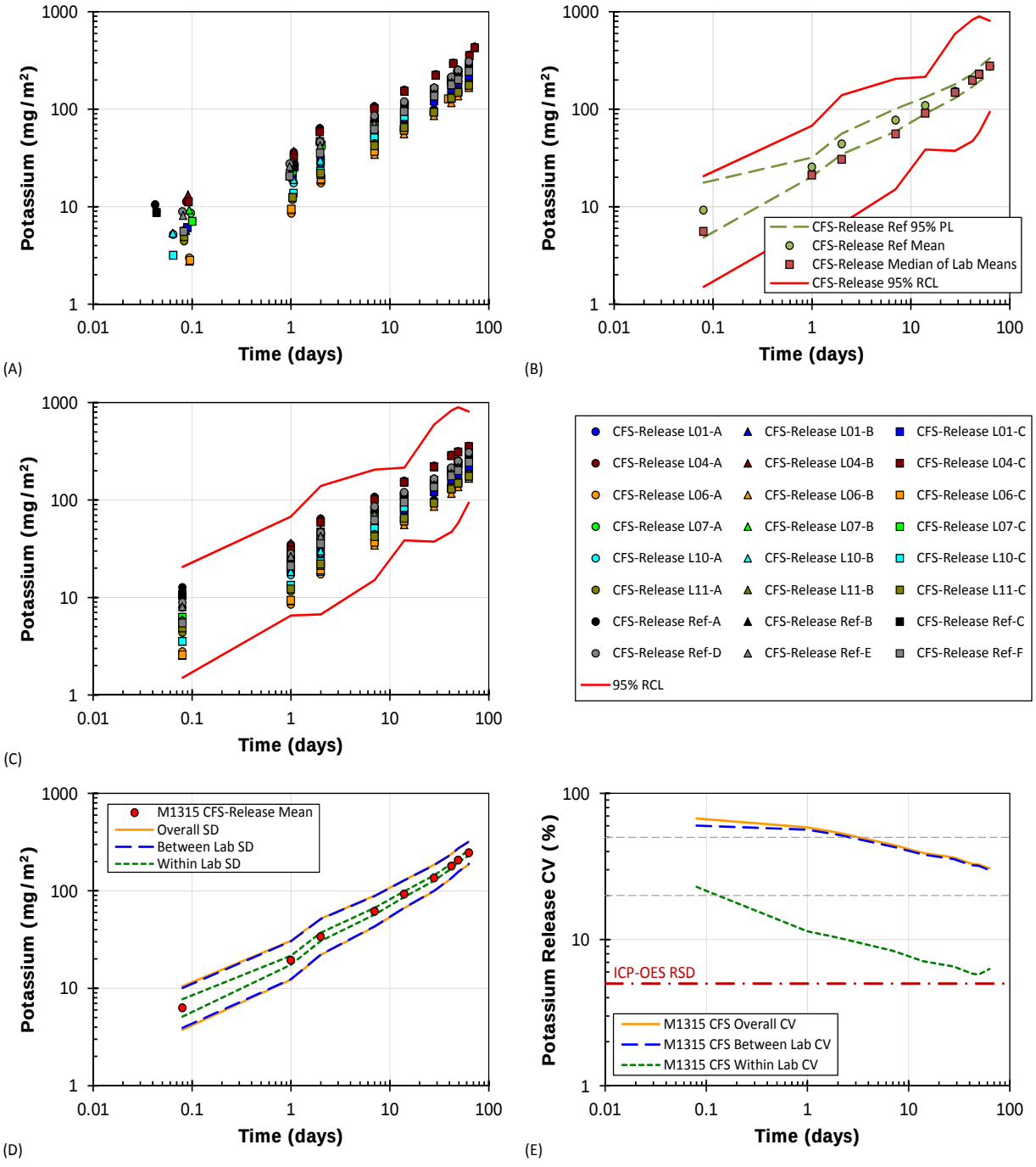

Figure 60. Potassium cumulative release from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

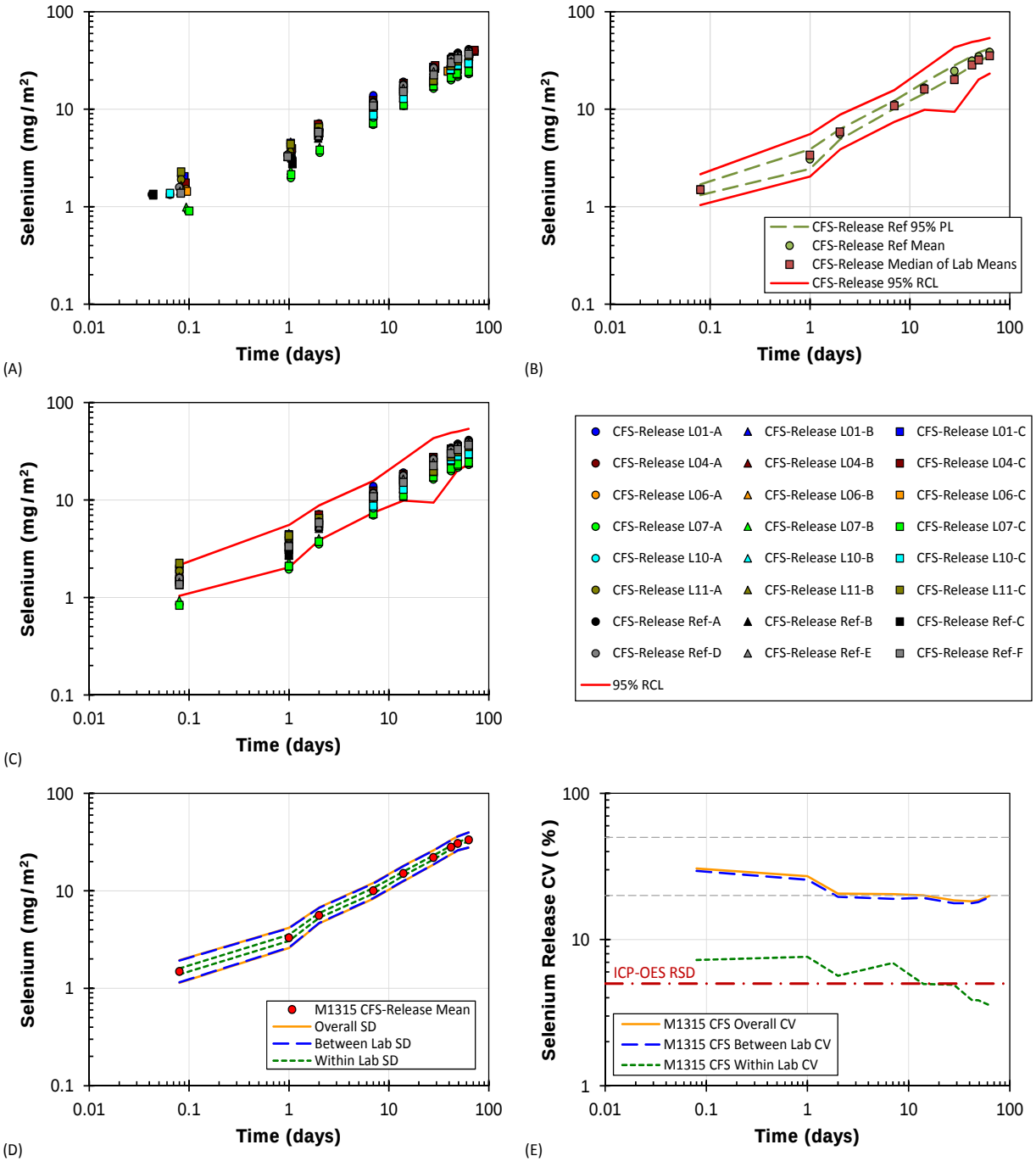

Figure 61. Selenium cumulative release from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

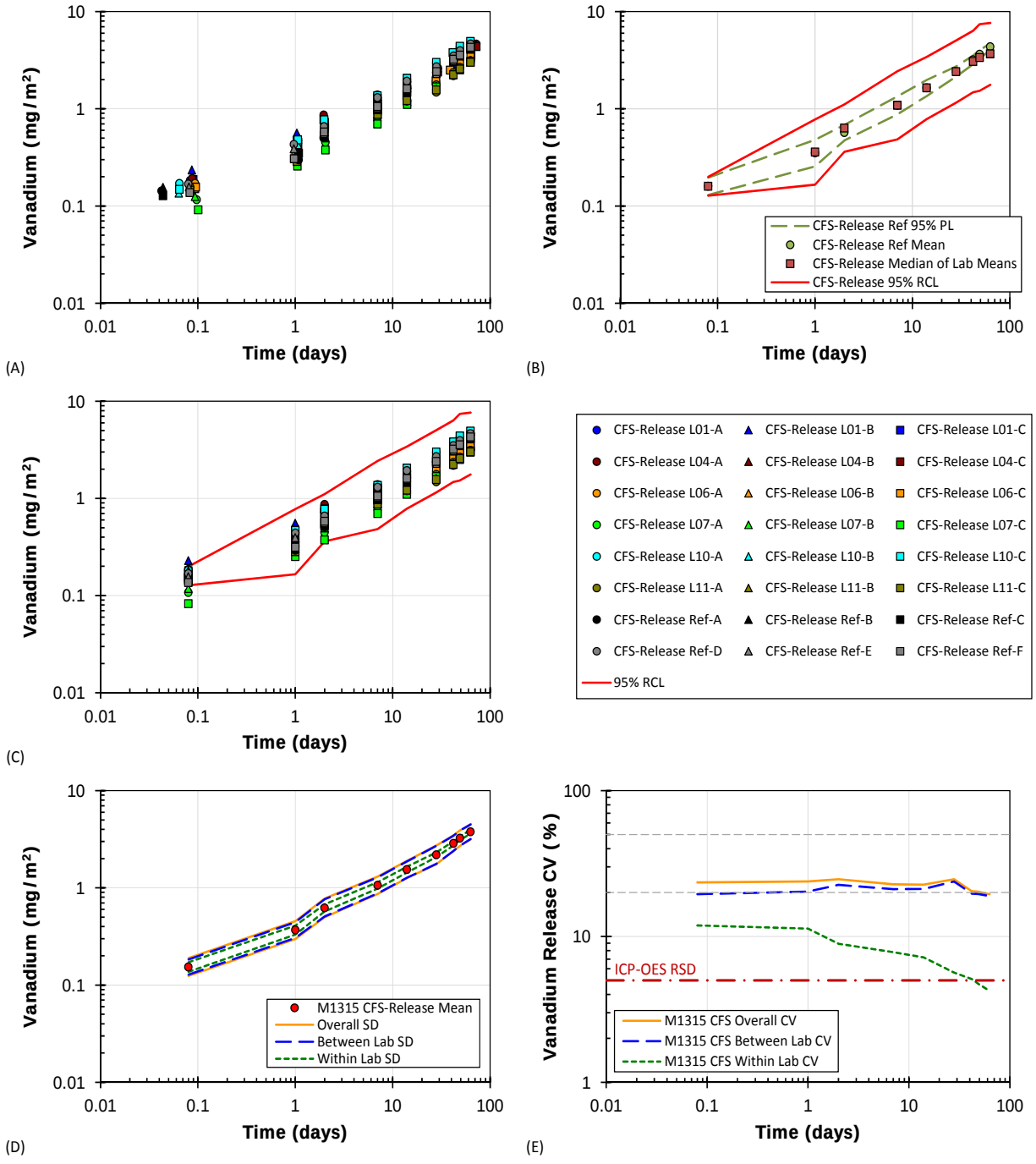

Figure 62. Vanadium cumulative release from Method 1315 for material CFS. (A) calculated data as a function of leaching time; (B) reference lab mean and 95% prediction limits (PL; green, dashed line) compared to the median of lab means and median-based 95% robust confidence limits (RCL; red line); (C) 95% RCL intervals (red lines) shown with respect to interpolated lab data; (D) intervals for "overall" (gold line), "between lab" (blue, dashed line) and pooled "within labs" (green, dotted line) standard deviation about the mean of all data; (E) coefficient of variation for upper values of "overall", "between lab" and "within lab" standard deviation compared to 5% marker indicating a generalized analytical uncertainty.

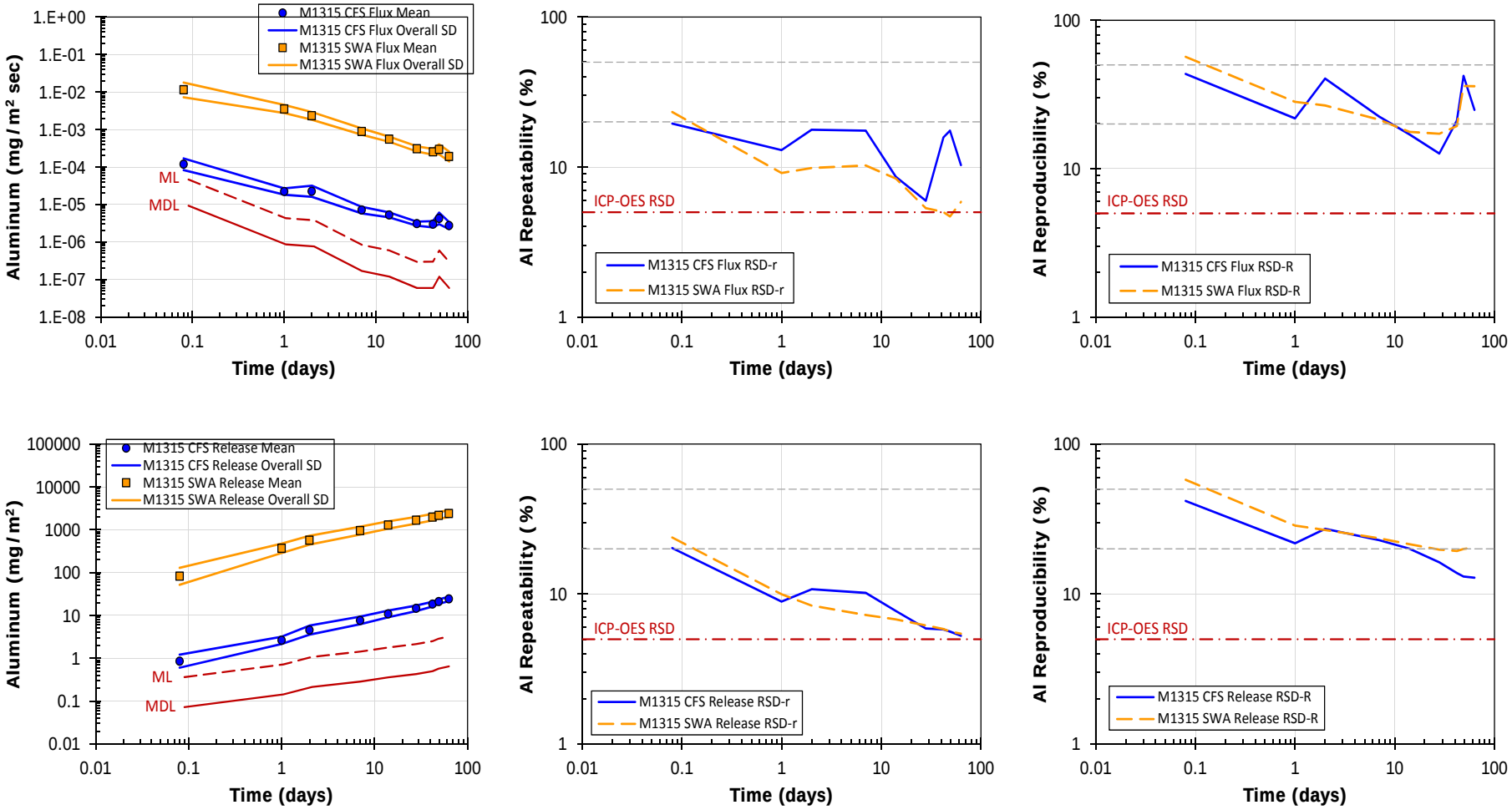

Figure 63. Comparisons of statistical analyses for aluminum from Method 1315 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

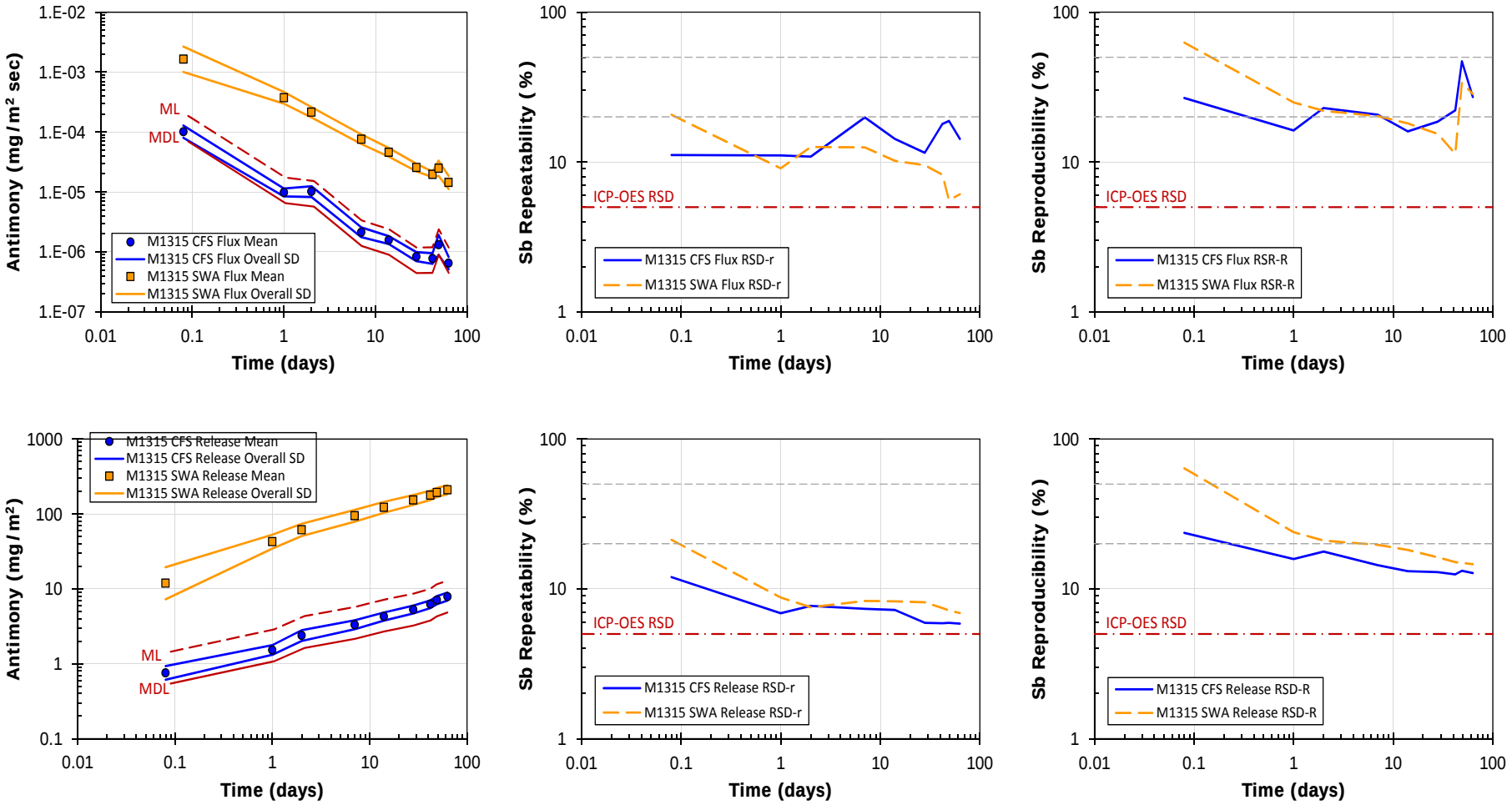

Figure 64. Comparisons of statistical analyses for antimony from Method 1315 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

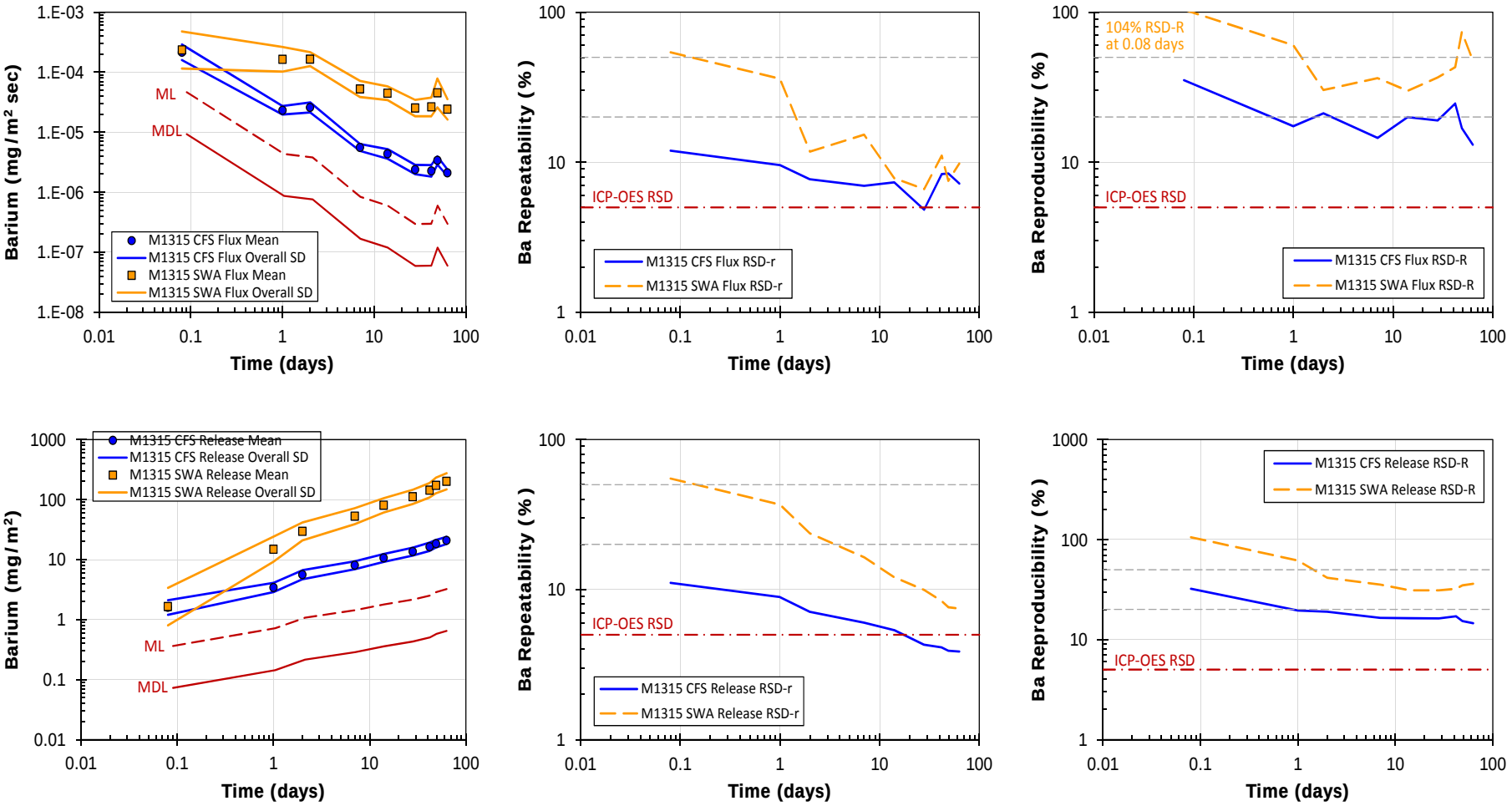

Figure 65. Comparisons of statistical analyses for barium from Method 1315 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

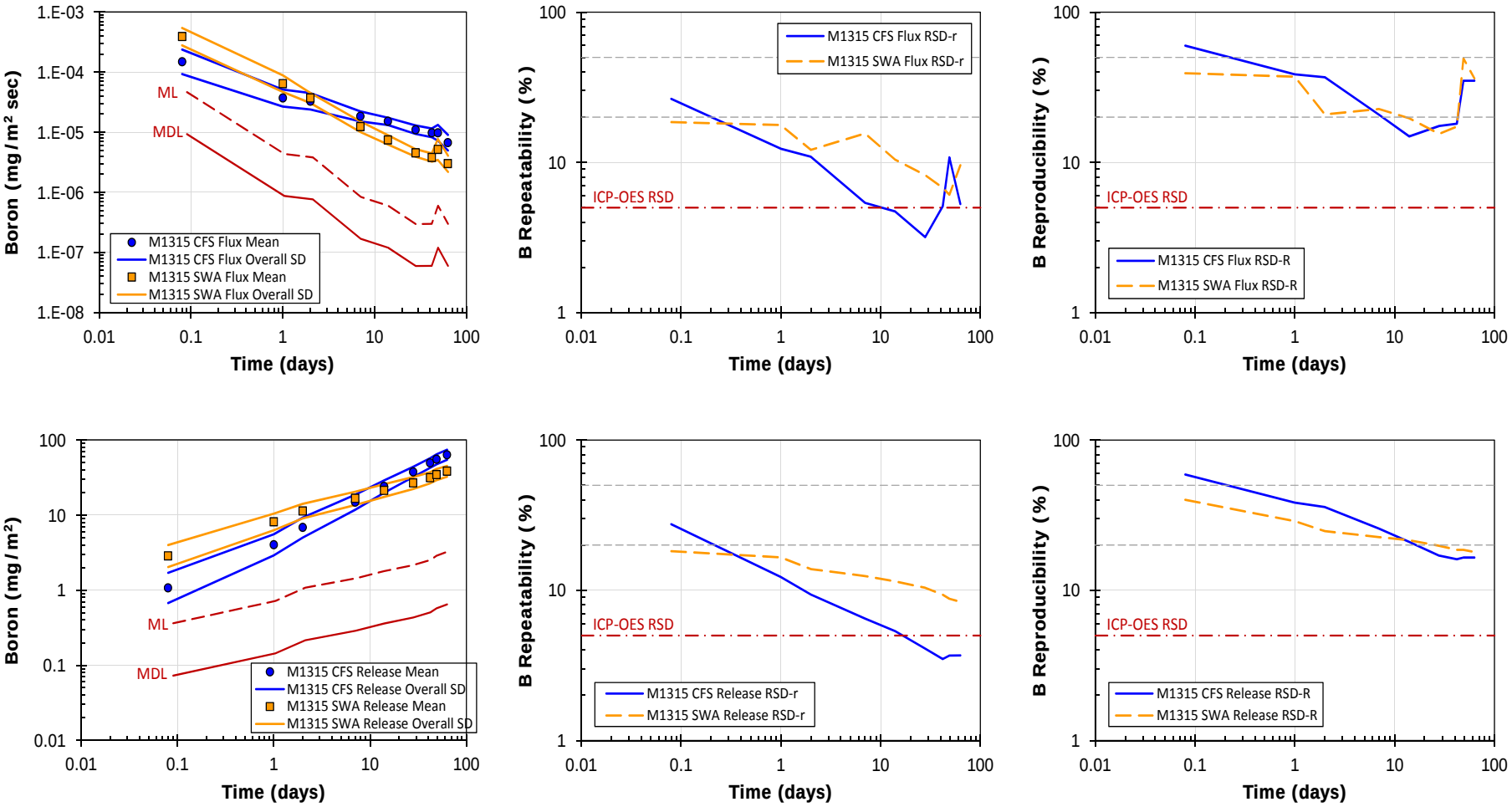

Figure 66. Comparisons of statistical analyses for boron from Method 1315 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

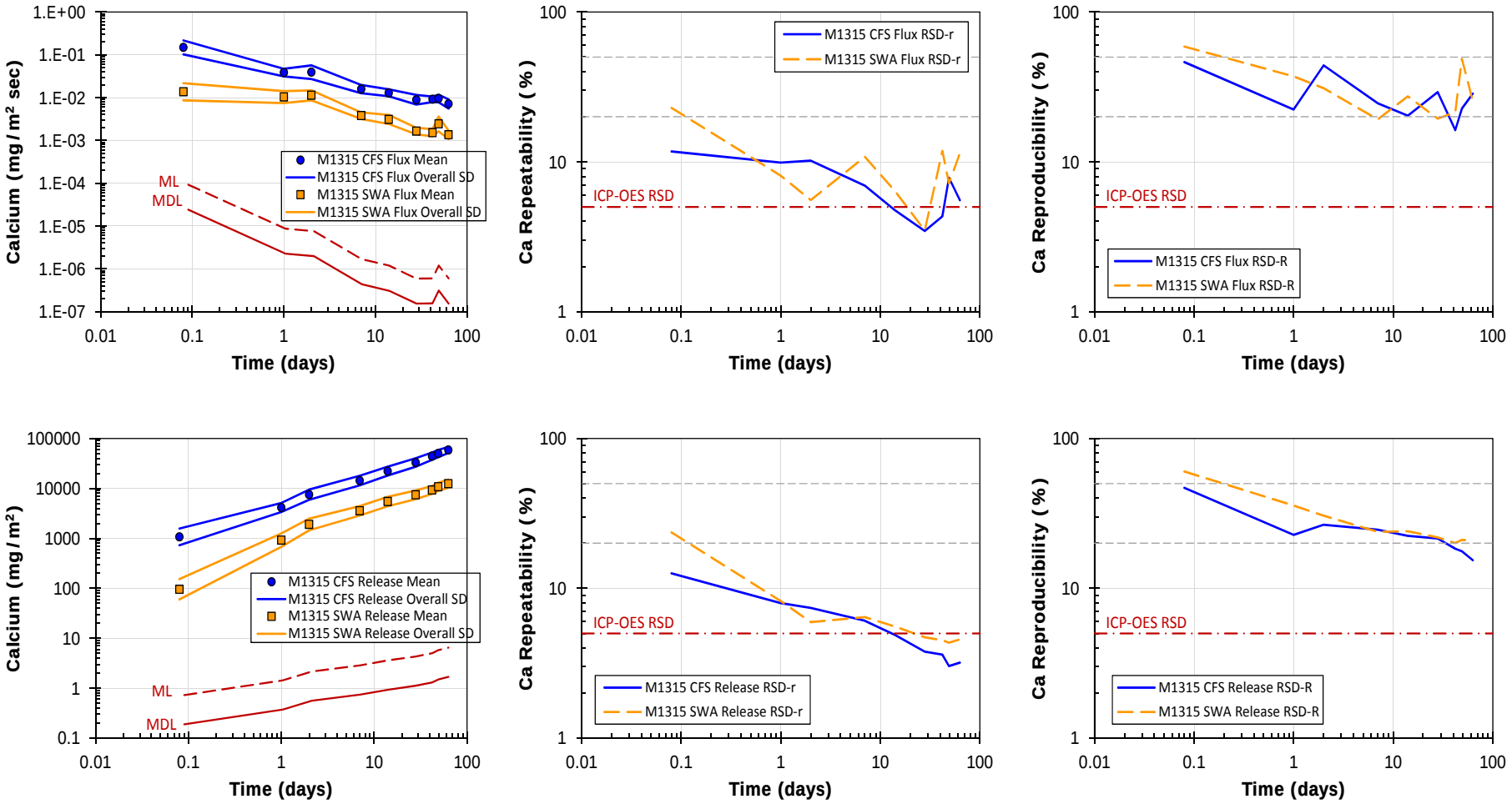

Figure 67. Comparisons of statistical analyses for calcium from Method 1315 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

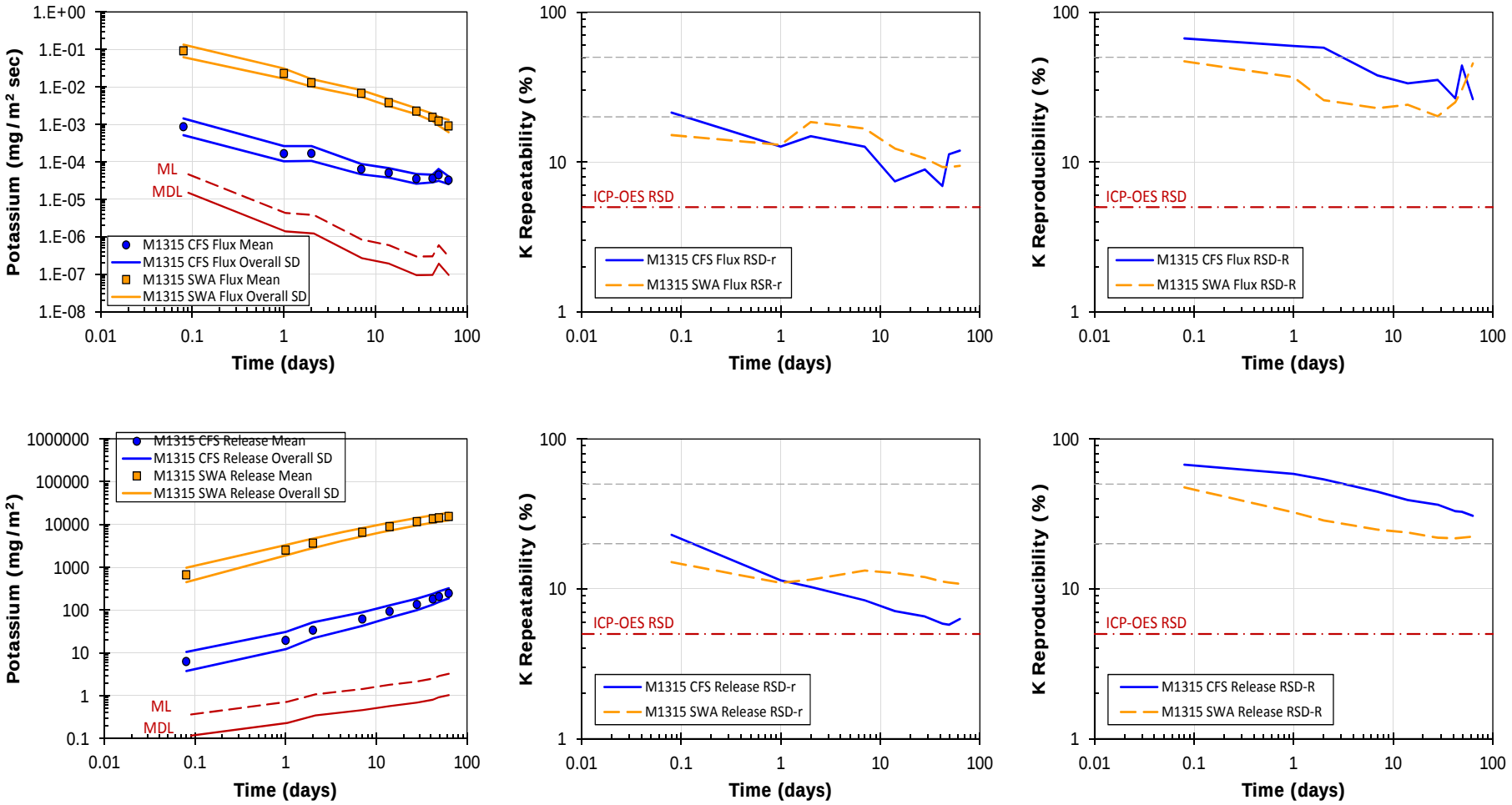

Figure 68. Comparisons of statistical analyses for potassium from Method 1315 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

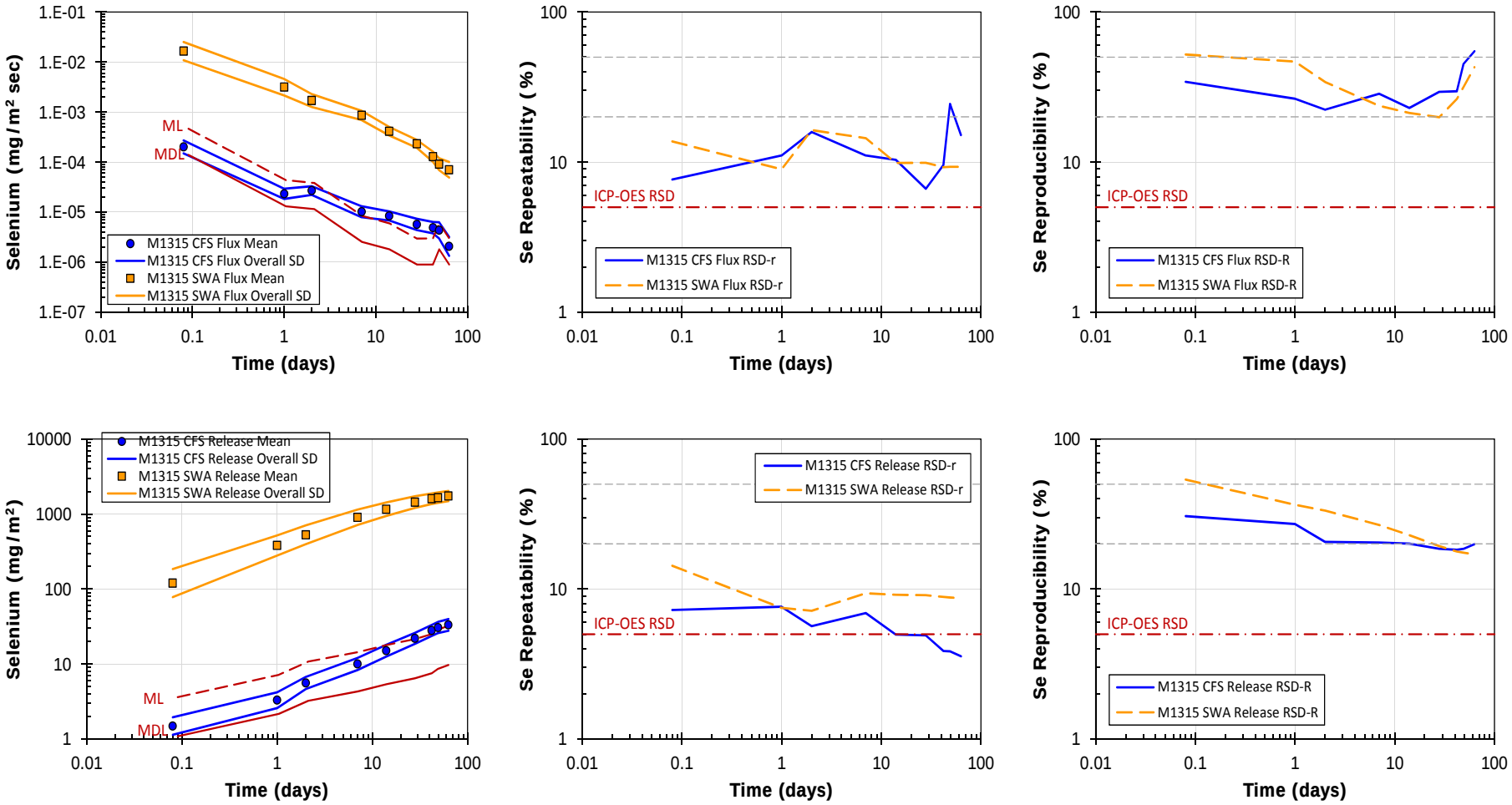

Figure 69. Comparisons of statistical analyses for selenium from Method 1315 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

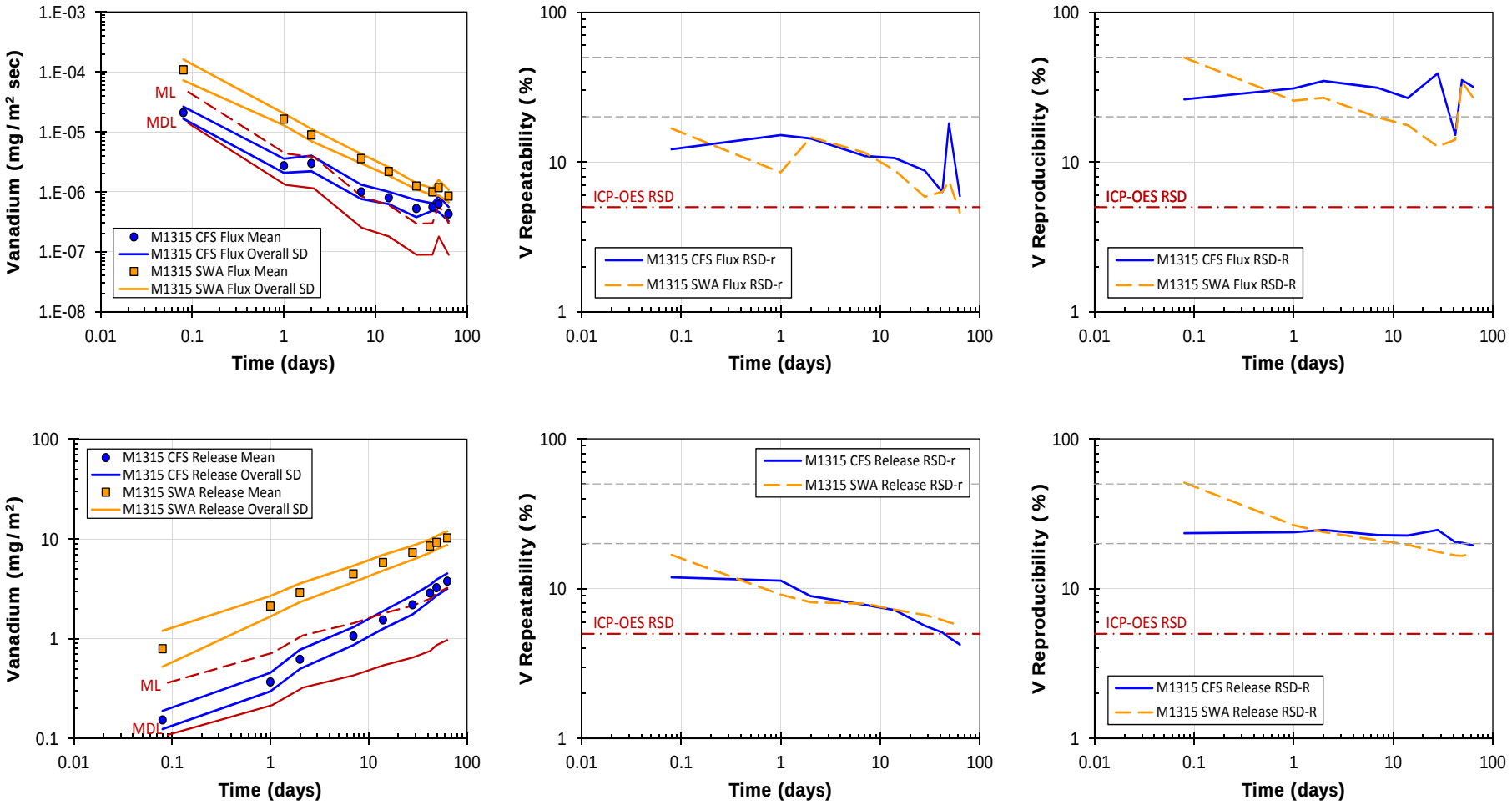

Figure 70. Comparisons of statistical analyses for vanadium from Method 1315 validation study materials.

Mean interval flux (upper) and cumulative release (lower) comparisons showing overall standard deviation intervals about the mean compared to method detection limits and method limits of quantitation (left), repeatability relative standard deviation (RSD_r) (center) and reproducibility relative standard deviation (RSD_R) (right). Grey dashed line in repeatability and reproducibility panels indicate 20% and 50% reference lines.

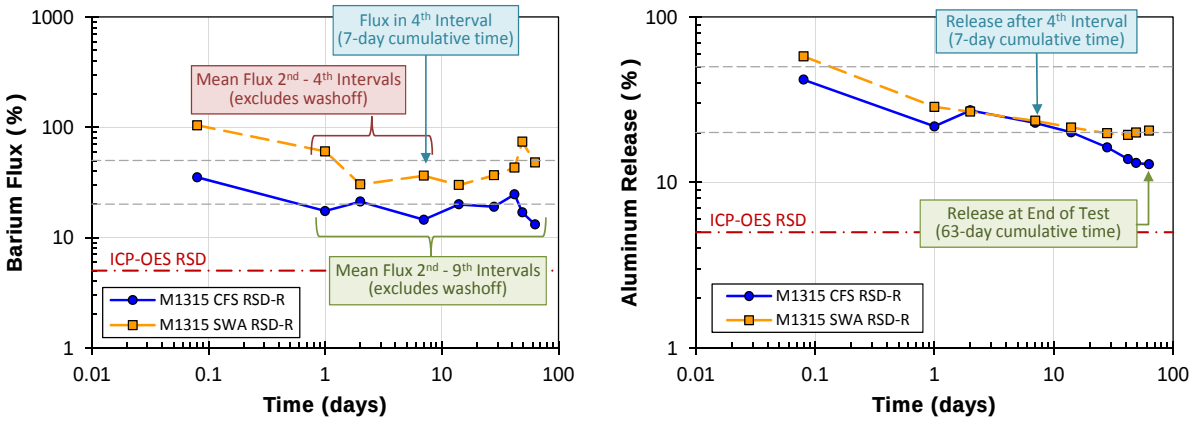

Figure 71. Illustration of scenarios used to summarize precision for Method 1315 mean interval flux (left) and cumulative release (right).

Table 1. Method 1315 Precision Estimates for Interval Flux (4th Interval).

		Repeatability		Reproducibility	
Analyte	Symbol	SWA %RSD_r	CFS %RSD_r	SWA %RSD_R	CFS %RSD_R
Aluminum	Al	10.2	17.5	36.9	24.9
Antimony	Sb	12.5	19.8	28.4	27.1
Arsenic	As	31.4	-	34.2	-
Barium	Ba	15.2	7.0	47.8	13.1
Boron	B	15.6	5.4	36.2	35.0
Cadmium	Cd	-	6.8	-	27.5
Calcium	Ca	10.8	6.9	25.3	28.5
Chromium	Cr	14.9	-	40.3	-
Lead	Pb	-	3.5	-	43.6
Potassium	K	16.7	12.6	45.4	26.2
Selenium	Se	14.4	11.0	42.9	54.7
Vanadium	V	11.5	11.0	27.0	31.8
Material Mean		15%	10%	36%	31%
Overall Mean		**13% Repeatability**		**34% Reproducibility**	

Table 2. Method 1315 Precision Estimates for Mean Flux (2nd, 3rd, & 4th Intervals).

		Repeatability		Reproducibility	
Analyte	Symbol	SWA %RSD_r	CFS %RSD_r	SWA %RSD_R	CFS %RSD_R
Aluminum	Al	29.2	16.1	40.4	28.2
Antimony	Sb	13.2	13.9	34.8	19.9
Arsenic	As	15.1	-	26.9	-
Barium	Ba	8.1	8.1	29.1	17.7
Boron	B	21.0	9.5	42.3	32.0
Cadmium	Cd	-	8.4	-	21.8
Calcium	Ca	15.0	9.0	19.7	33.0
Chromium	Cr	16.1	-	28.5	-
Lead	Pb	-	4.6	-	20.8
Potassium	K	11.1	13.4	22.4	51.8
Selenium	Se	11.5	12.7	24.1	25.8
Vanadium	V	15.1	13.5	29.4	23.3
Material Mean		16%	11%	30%	28%
Overall Mean		**13% Repeatability**		**29% Reproducibility**	

Table 3. Method 1315 Precision Estimates for Mean Flux (2nd - 9th Intervals).

		Repeatability		Reproducibility	
Analyte	Symbol	SWA %RSD_r	CFS %RSD_r	SWA %RSD_R	CFS %RSD_R
Aluminum	Al	7.3	13.3	25.3	25.3
Antimony	Sb	9.2	14.8	21.8	23.8
Arsenic	As	19.9	-	31.1	-
Barium	Ba	13.2	7.5	44.8	18.3
Boron	B	10.8	7.2	27.3	27.1
Cadmium	Cd	-	7.6	-	23.2
Calcium	Ca	8.1	6.6	28.7	26.0
Chromium	Cr	10.2	-	23.8	-
Lead	Pb	-	4.3	-	19.8
Potassium	K	12.4	10.8	28.8	40.1
Selenium	Se	10.9	13.3	30.8	32.4
Vanadium	V	8.5	11.3	22.3	30.6
Material Mean		11%	10%	29%	27%
Overall Mean		**11% Repeatability**		**28% Reproducibility**	

Table 4. Method 1315 Precision Estimates for 7-day Cumulative Release.

		Repeatability		Reproducibility	
Analyte	Symbol	SWA $\%RSD_r$	CFS $\%RSD_r$	SWA $\%RSD_R$	CFS $\%RSD_R$
Aluminum	Al	7.3	10.2	20.5	12.9
Antimony	Sb	8.3	7.4	14.6	12.8
Arsenic	As	20.2	-	21.1	-
Barium	Ba	16.4	6.0	36.1	14.6
Boron	B	12.4	6.5	18.0	16.5
Cadmium	Cd	-	5.8	-	16.0
Calcium	Ca	6.4	6.1	20.8	15.4
Chromium	Cr	13.1	-	14.0	-
Lead	Pb	-	2.9	-	9.6
Potassium	K	13.2	8.4	22.3	30.7
Selenium	Se	9.4	6.9	17.1	19.9
Vanadium	V	7.9	7.8	17.1	19.5
Material Mean		12%	7%	20%	17%
Overall Mean		**9% Repeatability**		**19% Reproducibility**	

Table 5. Method 1315 Precision Estimates for 63-day Cumulative Release.

		Repeatability		Reproducibility	
Analyte	Symbol	SWA $\%RSD_r$	CFS $\%RSD_r$	SWA $\%RSD_R$	CFS $\%RSD_R$
Aluminum	Al	5.4	5.3	23.6	22.9
Antimony	Sb	6.9	5.9	19.7	14.4
Arsenic	As	15.9	-	31.0	-
Barium	Ba	7.5	3.9	35.6	16.5
Boron	B	8.4	3.7	22.6	25.7
Cadmium	Cd	-	4.8	-	18.4
Calcium	Ca	4.6	3.2	23.9	24.6
Chromium	Cr	7.7	-	17.7	-
Lead	Pb	-	1.6	-	12.0
Potassium	K	10.8	6.3	24.8	44.4
Selenium	Se	8.7	3.6	26.7	20.5
Vanadium	V	5.7	4.2	21.1	22.8
Material Mean		8%	4%	25%	22%
Overall Mean		**6% Repeatability**		**23% Reproducibility**	

Table 6. Method 1315 Precision Estimate Summary.

	Scenario	Repeatability	Reproducibility
#1	Flux; 4th Interval	13%	34%
#2	Flux; Mean 2nd – 4th Intervals	13%	29%
#3	Flux; Mean 2nd – 9th Intervals	11%	28%
#4	Cumulative Release; 7-day	9%	19%
#5	Cumulative Release; 63-day	6%	23%
	Mean Method 1315 Precision	**10%**	**27%**

Appendix G. Comparison of EU Method Data to LEAF Method Statistics

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CEN TS 14405 compared to Method 1314 Statistics
CFS Contaminated Field Soil G-1
JaFS Steel Foundry Sand G-4
CEN TS 15683 and NEN 7375 compared to Method 1315 Statistics
SWA Solidified Waste Analog G-7

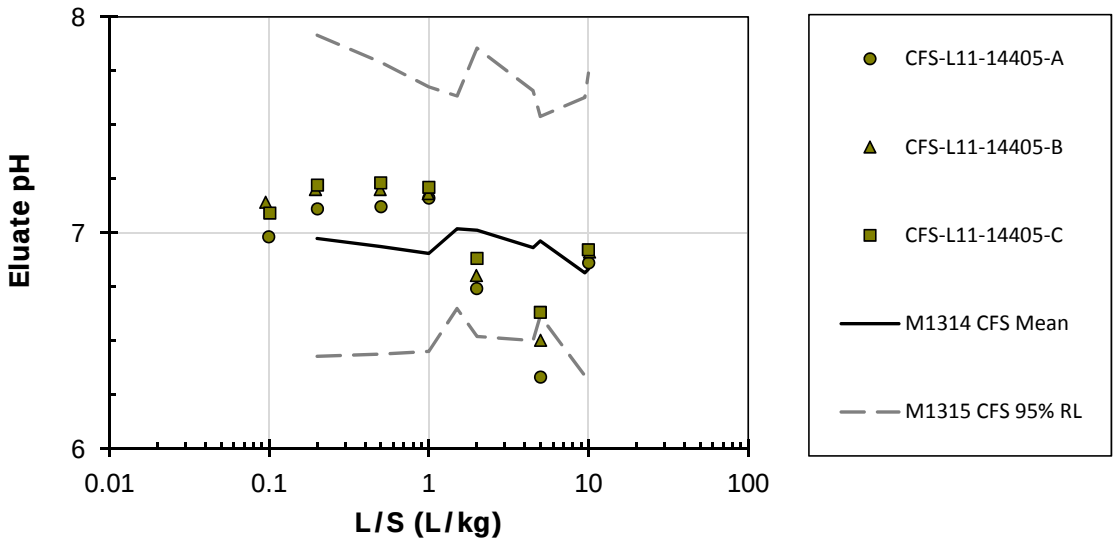

Figure 1. Eluate pH evolution from column testing using CEN TS 14405 compared to the 95% reproducibility limit (RL) about the mean of Method 1314 validation data for material CFS.

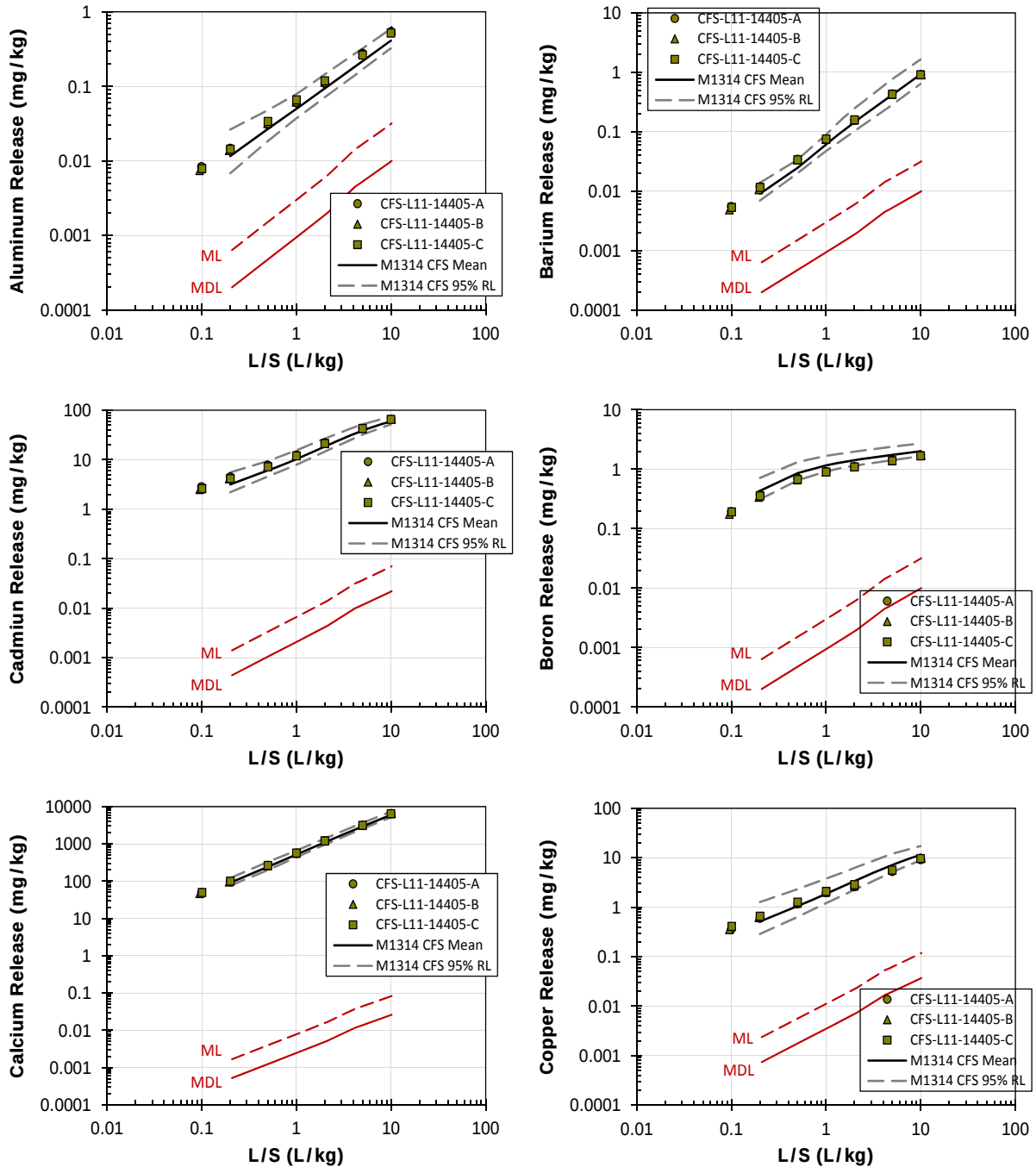

Figure 2. Cumulative release from CEN TS 14405 compared to the 95% reproducibility limit (RL) about the mean of Method 1314 validation data for material CFS.

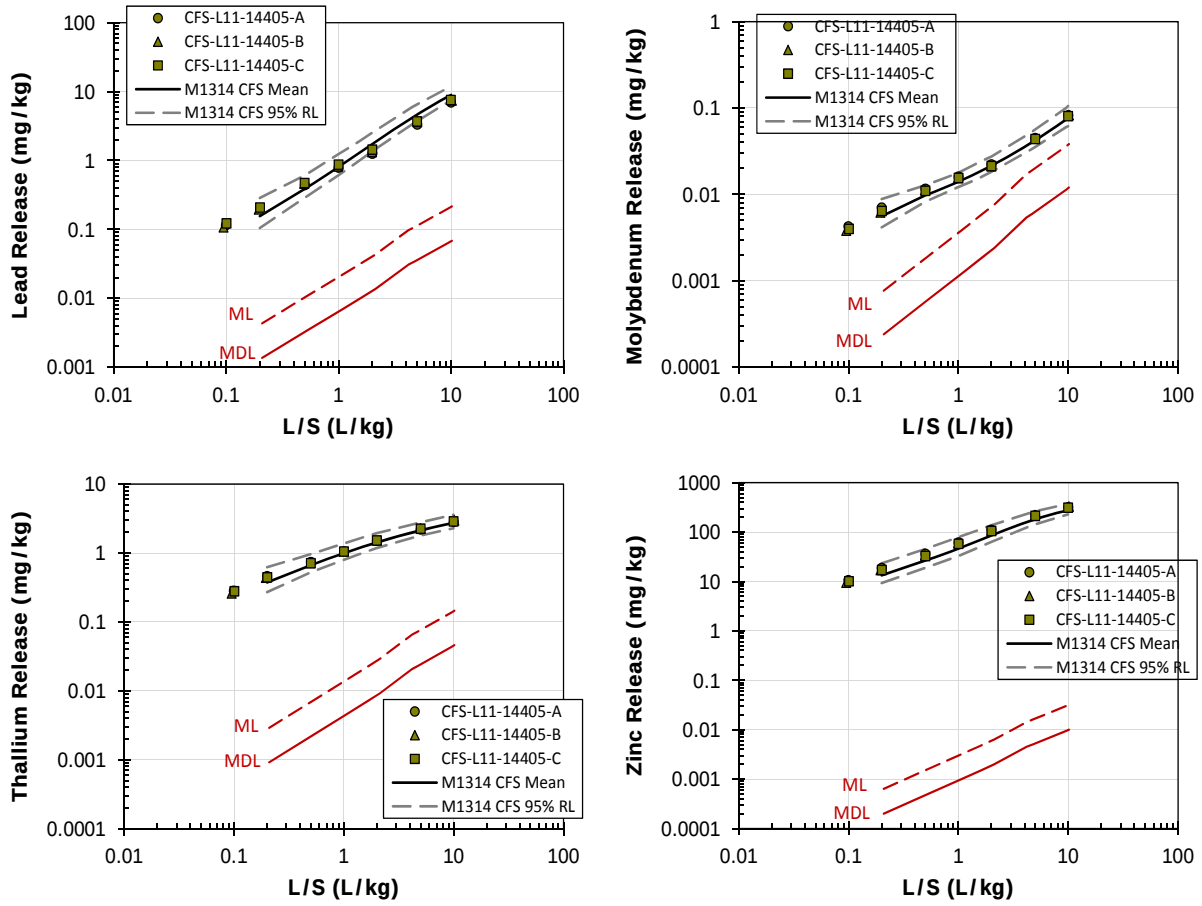

Figure 3. Cumulative release from CEN TS 14405 compared to the 95% reproducibility limit (RL) about the mean of Method 1314 validation data for material CFS.

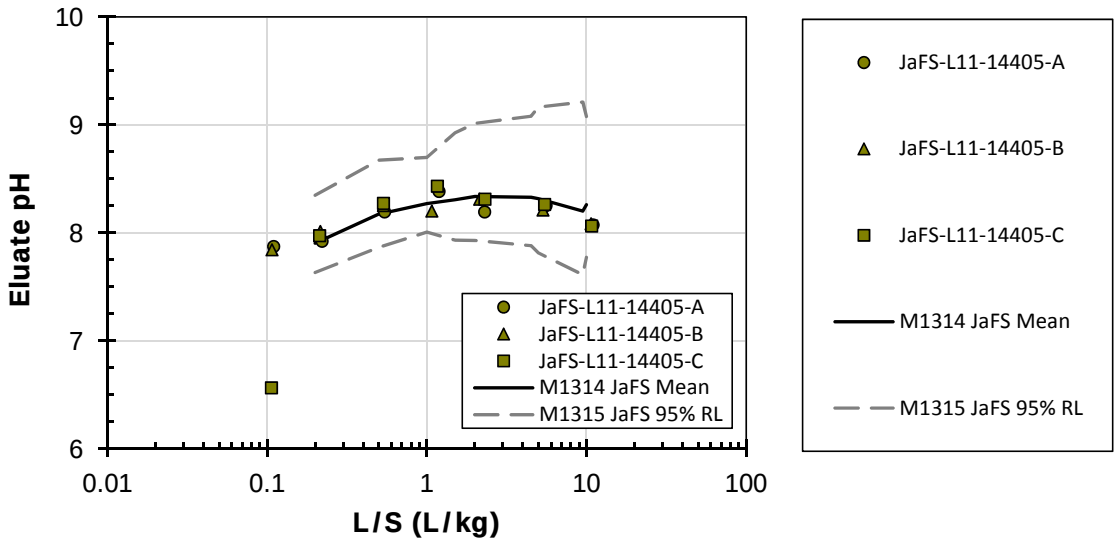

Figure 4. Eluate pH evolution from column testing using CEN TS 14405 compared to the 95% reproducibility limit (RL) about the mean of Method 1314 validation data for material JaFS.

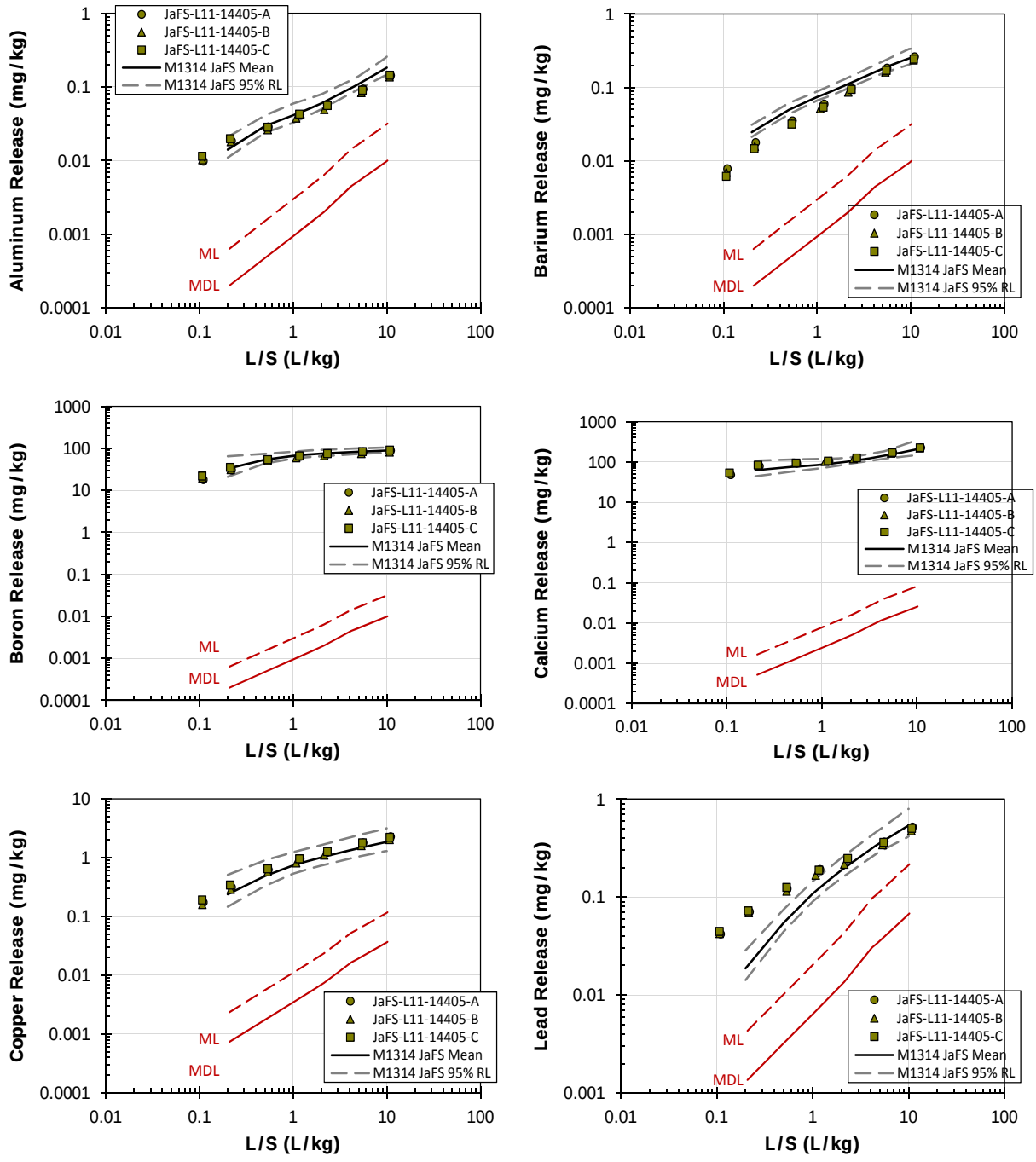

Figure 5. Cumulative release from CEN TS 14405 compared to the 95% reproducibility limit (RL) about the mean of Method 1314 validation data for material JaFS.

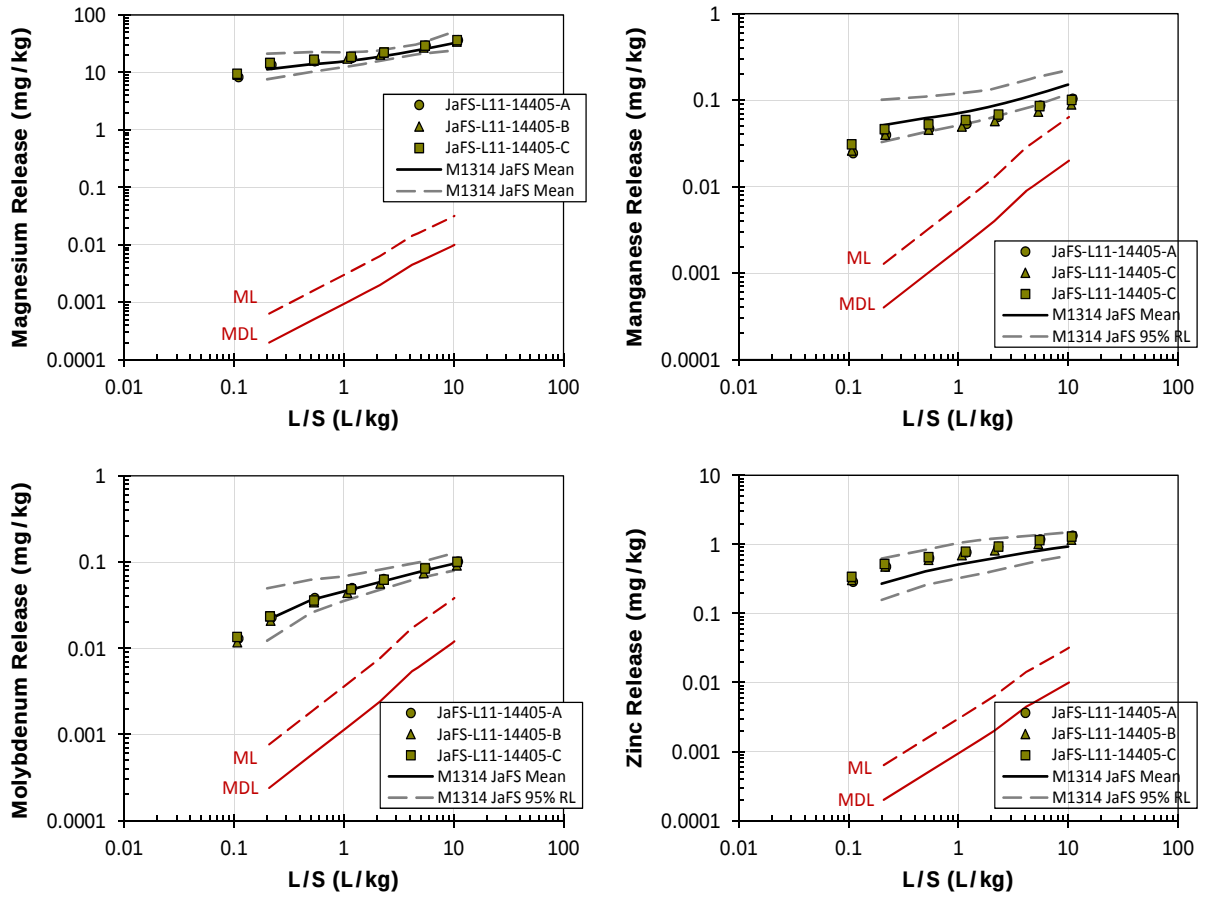

Figure 6. Cumulative release from CEN TS 14405 compared to the 95% reproducibility limit (RL) about the mean of Method 1314 validation data for material JaFS.

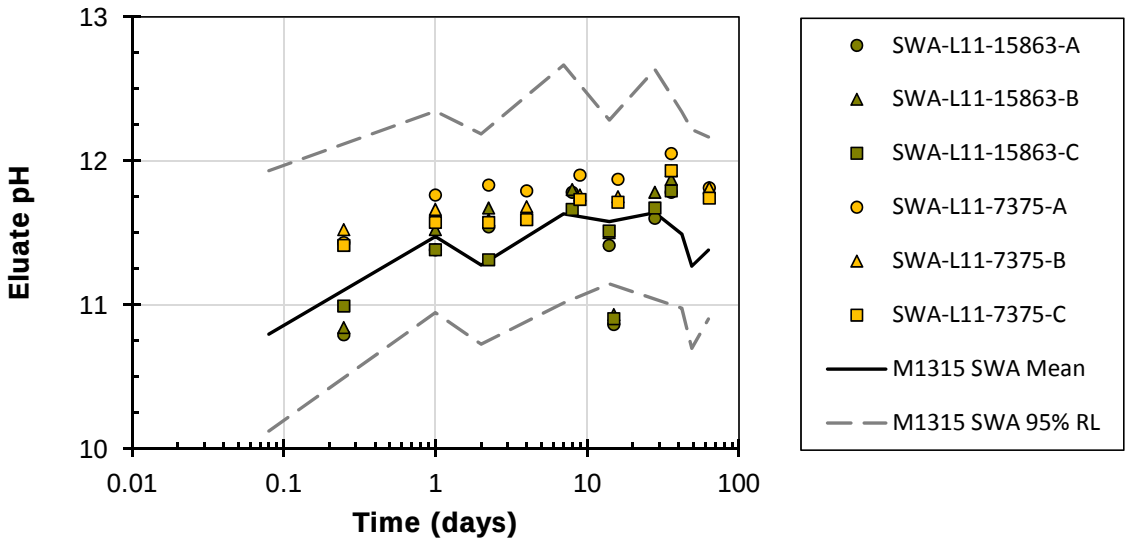

Figure 7. Eluate pH evolution from tank testing using CEN TS 15683 and NEN 7375 compared to the 95% reproducibility limit (RL) about the mean of Method 1315 validation data for material SWA.

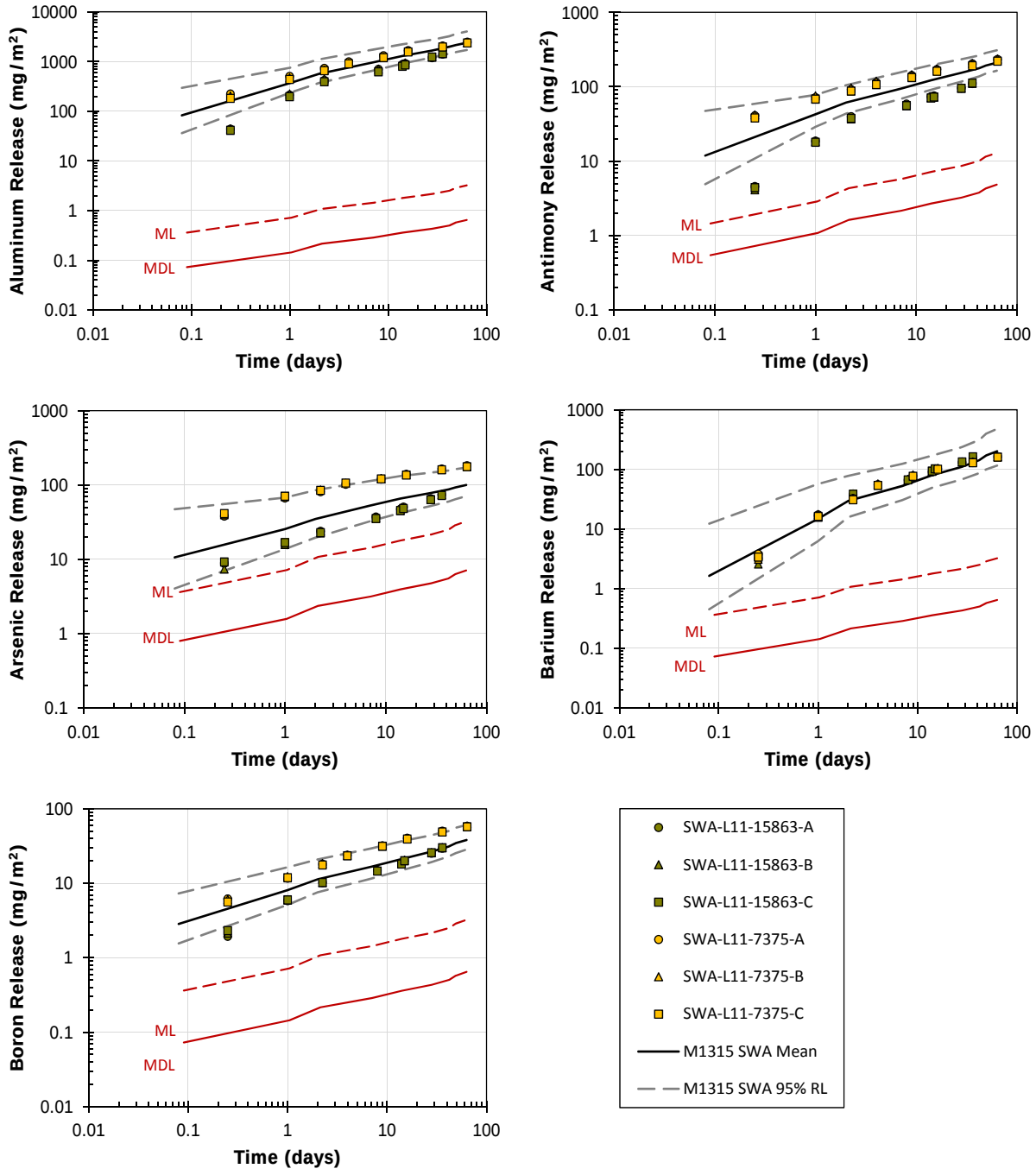

Figure 8. Cumulative release from CEN TS 15683 and NEN 7375 compared to the 95% reproducibility limit (RL) about the mean of Method 1315 validation data for material SWA.

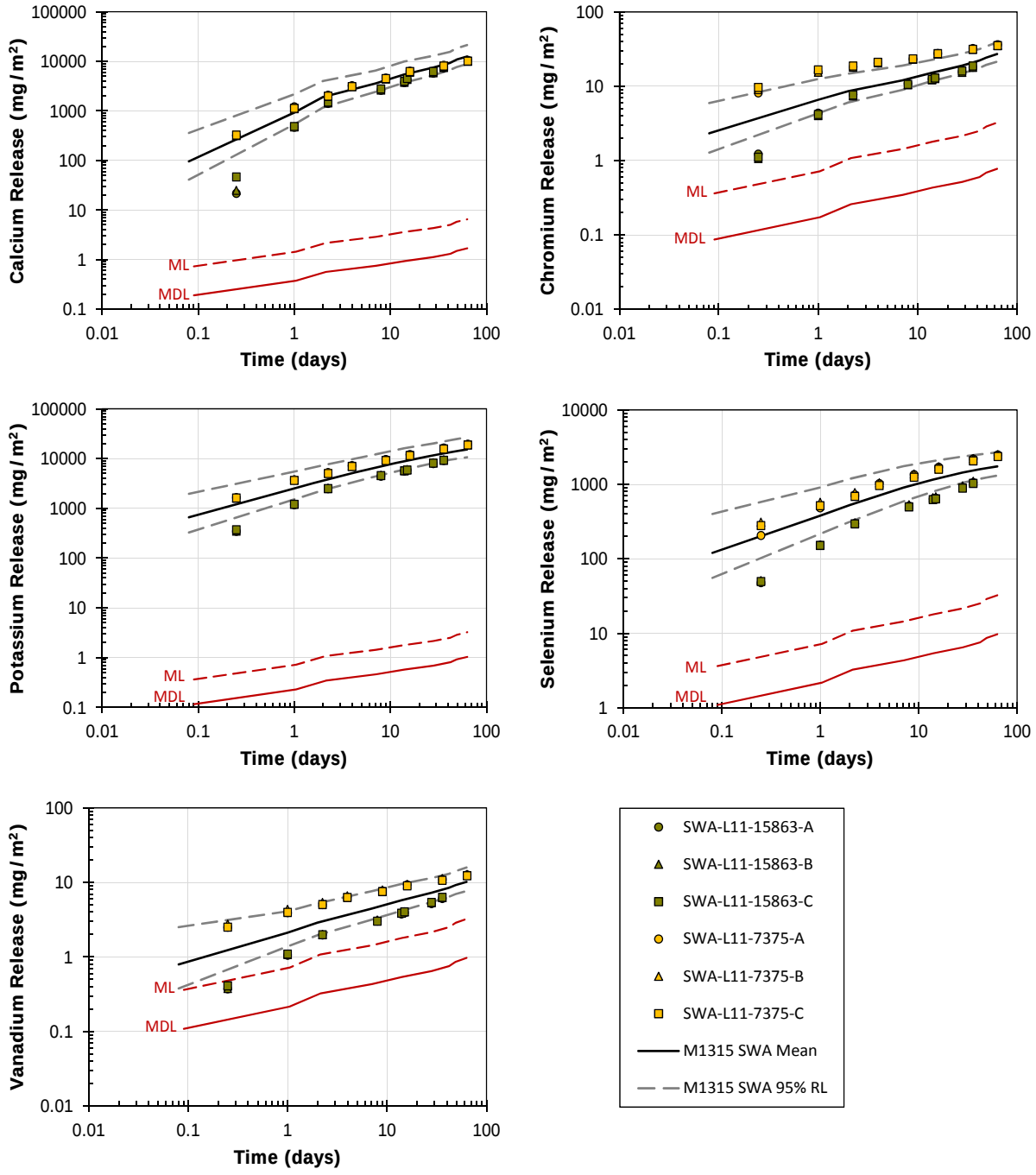

Figure 9. Cumulative release from CEN TS 15683 and NEN 7375 compared to the 95% reproducibility limit (RL) about the mean of Method 1315 validation data for material SWA.

Appendix H. QA/QC Reports for Analytical Samples

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Method 1314: Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio using an Up-Flow Percolation Column Procedure

CFS – Contaminated Field Soil H-1

JaFS – Brass Foundry Sand H-4

Method 1315: Mass Transport Rates in Monolithic or Compacted Granular Materials using a Semi-Dynamic Tank Leaching Procedure

SWA – Solidified Waste Analog H-7

CFS – Contaminated Field Soil H-11

CFS Contaminated Field Soil
Method 1314

Overall Mean RSD	1.8%
Stdev of Mean RSDs	1.4%
Overall Mean Completeness	99.2%
Min Spike Recovery	83%
Max Spike Recovery	113%

Aluminum
Al

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	4.0%	2.2%	100.0%	99.0%	112.0%	
L06	3.7%	1.8%	100.0%	99.7%	101.8%	
L07	4.3%	2.3%	100.0%	96.2%	103.2%	
L10	4.8%	2.6%	100.0%	99.0%	105.3%	
L11	4.1%	2.3%	96.3%	93.8%	100.6%	
L14	4.1%	1.8%	100.0%	96.7%	105.1%	
Ref	4.4%	2.1%	100.0%	96.1%	106.7%	
Mean	4.2%		99.5%	94%	112%	Min-Max

Boron
B

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.2%	1.1%	100.0%	93.3%	97.3%	
L06	1.2%	1.1%	100.0%	91.0%	94.0%	
L07	1.3%	1.0%	100.0%	90.0%	96.9%	
L10	1.6%	1.2%	100.0%	86.5%	88.4%	
L11	1.3%	0.8%	100.0%	90.8%	90.8%	
L14	1.7%	1.4%	100.0%	87.2%	89.0%	
Ref	1.7%	1.9%	98.1%	82.9%	90.8%	
	1.5%		99.5%	83%	97%	Min-Max

Barium
Ba

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	0.8%	0.9%	100.0%	95.4%	101.8%	
L06	1.2%	1.2%	100.0%	92.6%	98.3%	
L07	1.0%	0.8%	100.0%	95.9%	98.9%	
L10	0.9%	0.7%	100.0%	93.9%	96.9%	
L11	1.1%	0.5%	100.0%	99.5%	99.7%	
L14	1.2%	0.8%	100.0%	105.4%	108.2%	
Ref	0.9%	1.2%	100.0%	100.1%	108.2%	
Mean	1.0%		100.0%	93%	108%	Min-Max

CFS Contaminated Field Soil
Method 1314

Cadmium
Cd

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	0.8%	0.9%	100.0%	91.6%	102.7%	
L06	0.9%	0.8%	100.0%	94.9%	96.7%	
L07	0.9%	0.9%	100.0%	93.1%	105.0%	
L10	0.7%	0.4%	100.0%	93.7%	99.3%	
L11	0.8%	0.5%	100.0%	94.9%	100.4%	
L14	1.2%	0.8%	100.0%	96.8%	102.7%	
Ref	0.9%	1.3%	100.0%	93.6%	101.0%	
Mean	0.9%		100.0%	92%	105%	Min-Max

Calcium
Ca

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	0.6%	0.9%	100.0%	86.7%	89.0%	
L06	0.9%	0.7%	100.0%	86.2%	88.4%	
L07	0.8%	0.8%	100.0%	89.8%	92.3%	
L10	0.6%	0.3%	100.0%	83.5%	90.6%	
L11	0.6%	0.3%	100.0%	86.5%	87.5%	
L14	1.1%	0.9%	100.0%	88.5%	91.4%	
Ref	0.9%	1.3%	100.0%	83.6%	95.3%	
Mean	0.8%		100.0%	84%	95%	Min-Max

Copper
Cu

	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.0%	0.7%	100.0%	98.0%	104.0%	
L06	1.1%	0.6%	100.0%	95.3%	105.2%	
L07	1.2%	1.2%	100.0%	97.0%	107.3%	
L10	0.6%	0.2%	100.0%	95.6%	103.5%	
L11	1.0%	0.9%	100.0%	98.5%	106.0%	
L14	1.4%	0.7%	100.0%	95.9%	103.7%	
Ref	1.5%	1.9%	98.1%	97.1%	109.5%	
Mean	1.2%		99.5%	95%	109%	Min-Max

Lead
Pb

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	0.9%	0.9%	100.0%	93.7%	100.2%	
L06	1.0%	0.7%	100.0%	93.8%	106.5%	
L07	0.9%	0.9%	100.0%	100.7%	102.7%	
L10	1.0%	0.5%	100.0%	90.9%	99.7%	
L11	1.5%	1.5%	100.0%	107.5%	113.3%	
L14	1.3%	0.8%	100.0%	92.0%	98.5%	
Ref	1.5%	2.6%	98.1%	91.9%	97.1%	
Mean	1.2%		99.5%	91%	113%	Min-Max

CFS Contaminated Field Soil
Method 1314

Molybdenum
Mo

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	5.1%	3.6%	92.6%	102.4%	103.8%	
L06	4.5%	3.6%	92.6%	100.0%	103.2%	
L07	4.6%	2.7%	96.3%	99.4%	109.1%	
L10	4.7%	3.1%	96.3%	100.4%	107.1%	
L11	4.4%	2.5%	96.3%	100.0%	100.8%	
L14	4.7%	2.9%	96.3%	104.0%	108.9%	
Ref	4.1%	3.2%	94.4%	99.0%	107.2%	
Mean	4.5%		94.9%	99%	109%	Min-Max

Thallium
Tl

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.2%	1.3%	100.0%	96.6%	100.1%	
L06	1.8%	1.5%	100.0%	100.1%	107.0%	
L07	1.7%	0.9%	100.0%	95.5%	106.8%	
L10	2.5%	2.1%	96.3%	100.4%	101.7%	
L11	2.3%	1.4%	100.0%	97.5%	105.1%	
L14	2.0%	1.6%	100.0%	105.1%	109.3%	
Ref	1.7%	1.2%	100.0%	100.2%	108.2%	
Mean	1.8%		99.5%	95%	109%	Min-Max

Zinc
Zn

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.0%	0.8%	100.0%	92.9%	97.2%	
L06	1.2%	0.7%	100.0%	86.3%	92.5%	
L07	1.7%	2.6%	96.3%	90.9%	94.1%	
L10	0.7%	0.5%	100.0%	91.5%	94.6%	
L11	0.9%	0.4%	100.0%	90.2%	100.5%	
L14	1.4%	0.9%	100.0%	86.8%	88.6%	
Ref	1.7%	2.9%	98.1%	86.7%	94.0%	
Mean	1.3%		99.1%	86%	100%	Min-Max

JaFS Foundry Sand
Method 1314

Overall Mean RSD	2.2%
Stdev of Mean RSDs	1.3%
Overall Mean Completeness	98.7%
Min Spike Recovery	85%
Max Spike Recovery	111%

Aluminum
Al

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	5.1%	2.8%	92.6%	91.5%	99.7%	
L06	4.8%	2.8%	96.3%	100.5%	109.1%	
L07	2.4%	1.4%	100.0%	99.7%	102.8%	
L10	3.6%	1.9%	100.0%	101.2%	107.5%	
L11	4.2%	2.8%	92.6%	95.2%	95.4%	
L14	2.3%	1.5%	96.3%	102.2%	106.6%	
Ref	3.5%	3.0%	94.4%	88.6%	95.4%	
Mean	3.7%		95.8%	89%	109%	Min-Max

Boron
B

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.4%	0.7%	100.0%	89.4%	90.8%	
L06	1.6%	0.7%	100.0%	86.5%	89.0%	
L07	1.5%	0.9%	100.0%	87.1%	90.1%	
L10	1.7%	1.3%	100.0%	89.3%	91.5%	
L11	1.0%	0.7%	100.0%	87.3%	92.5%	
L14	1.5%	1.0%	100.0%	87.0%	93.6%	
Ref	1.7%	1.2%	100.0%	87.5%	94.9%	
	1.5%		100.0%	86%	95%	Min-Max

Barium
Ba

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.0%	0.5%	100.0%	88.2%	94.3%	
L06	1.6%	1.2%	100.0%	93.8%	94.8%	
L07	1.5%	0.8%	100.0%	97.4%	103.0%	
L10	1.8%	1.0%	100.0%	97.5%	105.2%	
L11	1.3%	1.1%	100.0%	91.4%	99.5%	
L14	1.7%	1.3%	100.0%	96.7%	101.2%	
Ref	1.6%	0.9%	100.0%	90.7%	97.4%	
Mean	1.5%		100.0%	88%	105%	Min-Max

JaFS Foundry Sand
Method 1314

Calcium
Ca

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	0.9%	0.5%	100.0%	85.5%	91.7%	
L06	1.1%	0.8%	100.0%	85.6%	89.3%	
L07	1.1%	0.9%	100.0%	88.7%	93.2%	
L10	1.6%	1.0%	100.0%	87.9%	91.4%	
L11	0.6%	0.3%	100.0%	86.4%	91.7%	
L14	1.4%	1.2%	100.0%	88.7%	94.8%	
Ref	1.5%	1.1%	100.0%	89.7%	95.3%	
Mean	1.2%		100.0%	86%	95%	Min-Max

Copper
Cu

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.0%	0.6%	100.0%	88.2%	96.1%	
L06	1.8%	1.6%	100.0%	104.2%	108.7%	
L07	1.6%	1.1%	100.0%	100.0%	105.5%	
L10	1.7%	1.1%	100.0%	101.4%	105.5%	
L11	1.2%	0.8%	100.0%	93.7%	101.0%	
L14	1.7%	1.8%	100.0%	96.2%	106.0%	
Ref	1.9%	1.2%	100.0%	90.1%	102.5%	
Mean	1.6%		100.0%	88%	109%	Min-Max

Lead
Pb

	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	3.6%	2.5%	96.3%	86.7%	89.6%	
L06	3.3%	1.7%	100.0%	88.4%	91.6%	
L07	5.0%	2.5%	96.3%	91.0%	93.1%	
L10	5.0%	2.9%	88.9%	89.0%	98.1%	
L11	4.2%	2.3%	96.3%	89.5%	94.7%	
L14	4.2%	2.9%	96.3%	107.2%	111.0%	
Ref	4.3%	2.5%	98.1%	88.9%	101.0%	
Mean	4.2%		96.3%	87%	111%	Min-Max

Magnesium
Mg

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.2%	0.6%	100.0%	86.8%	91.9%	
L06	1.2%	0.8%	100.0%	96.2%	98.5%	
L07	1.2%	1.0%	100.0%	90.0%	95.7%	
L10	1.7%	1.4%	100.0%	93.5%	100.8%	
L11	0.9%	0.4%	100.0%	91.6%	96.9%	
L14	1.6%	1.0%	100.0%	99.8%	103.1%	
Ref	1.5%	0.9%	100.0%	90.9%	96.8%	
Mean	1.4%		100.0%	87%	103%	Min-Max

JaFS Foundry Sand
Method 1314

Manganese
Mn

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.3%	0.7%	100.0%	91.8%	98.3%	
L06	1.6%	0.7%	100.0%	89.5%	90.7%	
L07	1.2%	0.8%	100.0%	96.0%	102.3%	
L10	1.5%	1.0%	100.0%	93.2%	96.1%	
L11	1.5%	1.1%	100.0%	98.3%	100.7%	
L14	1.7%	1.3%	100.0%	100.7%	103.9%	
Ref	1.7%	1.3%	100.0%	94.5%	96.7%	
Mean	1.5%		100.0%	90%	104%	Min-Max

Molybdenum
Mo

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	3.4%	2.3%	100.0%	84.9%	93.2%	
L06	4.3%	3.5%	95.7%	84.9%	91.9%	
L07	4.9%	3.1%	95.2%	89.0%	94.0%	
L10	4.7%	3.3%	90.9%	91.0%	93.6%	
L11	4.6%	3.2%	92.6%	94.3%	99.9%	
L14	4.4%	3.2%	95.0%	102.5%	105.4%	
Ref	3.5%	2.8%	94.0%	92.2%	97.7%	
Mean	4.2%		94.7%	85%	105%	Min-Max

Zinc
Zn

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.0%	0.5%	100.0%	92.9%	93.4%	
L06	1.3%	0.6%	100.0%	90.0%	95.7%	
L07	1.4%	0.6%	100.0%	94.5%	103.3%	
L10	1.6%	1.1%	100.0%	90.7%	97.8%	
L11	1.5%	1.5%	100.0%	98.9%	101.2%	
L14	1.5%	1.3%	100.0%	90.9%	98.4%	
Ref	1.7%	0.9%	100.0%	86.9%	96.1%	
Mean	1.5%		100.0%	87%	103%	Min-Max

SWA Solidified Waste Analog
Method 1315

Overall Mean RSD	2.1%
Stdev of Mean RSDs	1.3%
Overall Mean Completeness	99.2%
Min Spike Recovery	82%
Max Spike Recovery	115%

Aluminum
Al

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	0.6%	0.4%	100.0%	93.5%	94.9%	
L04	1.0%	0.5%	100.0%	87.5%	95.7%	
L05	1.2%	0.5%	100.0%	89.7%	93.4%	
L06	1.2%	0.7%	100.0%	87.2%	93.3%	
L07	0.7%	0.4%	100.0%	89.8%	100.6%	
L09	1.4%	0.7%	100.0%	91.2%	101.6%	
L10	0.9%	1.0%	100.0%	86.6%	93.0%	
L11	1.5%	1.4%	100.0%	98.3%	105.0%	
Ref	0.6%	0.4%	100.0%	92.3%	104.0%	
Mean	1.0%		100.0%	87%	105%	Min-Max

Antimony
Sb

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	2.4%	1.9%	100.0%	113.1%	114.9%	
L04	2.7%	1.8%	100.0%	90.7%	96.3%	
L05	2.3%	1.1%	100.0%	89.1%	107.1%	
L06	2.8%	1.9%	100.0%	97.0%	101.4%	
L07	2.3%	1.0%	100.0%	107.9%	109.5%	
L09	2.8%	1.4%	100.0%	107.4%	112.4%	
L10	2.7%	1.4%	100.0%	84.6%	87.5%	
L11	2.5%	1.4%	100.0%	98.2%	98.2%	
Ref	3.2%	2.7%	94.4%	91.1%	103.7%	
	2.7%		98.9%	85%	115%	Min-Max

SWA Solidified Waste Analog
Method 1315

Arsenic
As

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	4.7%	2.7%	92.6%	94.8%	110.0%	
L04	3.4%	2.1%	100.0%	91.1%	100.1%	
L05	5.0%	2.9%	92.6%	87.0%	94.8%	
L06	4.5%	2.8%	92.6%	107.2%	109.8%	
L07	5.1%	2.2%	96.3%	95.4%	106.4%	
L09	3.9%	2.5%	100.0%	106.1%	108.6%	
L10	4.4%	2.6%	96.3%	84.7%	89.0%	
L11	3.7%	2.6%	96.3%	104.7%	111.3%	
Ref	3.9%	2.5%	98.1%	88.8%	103.3%	
Mean	4.3%		96.3%	85%	111%	Min-Max

Boron
B

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	2.3%	1.3%	100.0%	92.8%	102.0%	
L04	2.4%	1.7%	100.0%	93.4%	94.8%	
L05	2.6%	1.3%	100.0%	91.9%	96.3%	
L06	2.4%	1.1%	100.0%	99.5%	100.2%	
L07	2.6%	1.2%	100.0%	92.1%	102.5%	
L09	3.1%	2.0%	100.0%	91.0%	104.3%	
L10	3.1%	1.9%	100.0%	84.6%	91.9%	
L11	2.8%	2.6%	96.3%	100.9%	104.8%	
Ref	2.9%	2.1%	98.1%	92.1%	101.0%	
Mean	2.7%		99.3%	85%	105%	Min-Max

Barium
Ba

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	0.8%	0.5%	100.0%	83.7%	90.1%	
L04	1.3%	1.4%	100.0%	89.1%	91.5%	
L05	1.3%	0.5%	100.0%	82.5%	87.4%	
L06	1.2%	0.7%	100.0%	101.6%	104.1%	
L07	0.6%	0.4%	100.0%	86.6%	97.0%	
L09	1.5%	0.7%	100.0%	88.2%	94.9%	
L10	0.9%	0.9%	100.0%	87.2%	102.2%	
L11	1.5%	1.2%	100.0%	94.9%	110.5%	
Ref	0.9%	1.0%	100.0%	95.5%	107.3%	
Mean	1.1%		100.0%	83%	110%	Min-Max

SWA Solidified Waste Analog
Method 1315

Calcium
Ca

	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	0.9%	0.9%	100.0%	86.2%	92.4%	
L04	1.6%	1.5%	100.0%	83.0%	89.2%	
L05	1.6%	0.8%	100.0%	84.9%	88.8%	
L06	1.4%	1.1%	100.0%	89.4%	92.3%	
L07	0.7%	0.5%	100.0%	89.1%	93.8%	
L09	1.5%	0.7%	100.0%	84.6%	88.8%	
L10	0.7%	0.8%	100.0%	81.6%	91.3%	
L11	1.6%	1.2%	100.0%	84.1%	89.2%	
Ref	0.9%	1.0%	100.0%	85.8%	93.5%	
Mean	1.2%		100.0%	82%	94%	Min-Max

Chromium
Cr

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.1%	0.7%	100.0%	93.9%	101.9%	
L04	1.9%	1.6%	100.0%	94.6%	95.6%	
L05	1.8%	0.9%	100.0%	91.2%	98.2%	
L06	2.1%	1.0%	100.0%	102.8%	104.2%	
L07	1.0%	0.4%	100.0%	93.4%	104.1%	
L09	1.7%	0.9%	100.0%	97.3%	110.8%	
L10	1.4%	0.9%	100.0%	88.4%	96.0%	
L11	2.1%	1.5%	100.0%	106.2%	108.0%	
Ref	1.4%	1.2%	100.0%	97.1%	103.9%	
Mean	1.6%		100.0%	88%	111%	Min-Max

Potassium
K

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	0.8%	0.5%	100.0%	86.4%	90.3%	
L04	1.3%	0.9%	100.0%	85.9%	91.6%	
L05	1.3%	0.7%	100.0%	85.1%	90.4%	
L06	1.4%	0.6%	100.0%	86.0%	91.5%	
L07	0.7%	0.4%	100.0%	90.4%	101.4%	
L09	1.6%	1.0%	100.0%	85.1%	89.9%	
L10	0.8%	0.7%	100.0%	83.0%	90.8%	
L11	1.5%	1.1%	100.0%	95.7%	106.1%	
Ref	0.7%	0.5%	100.0%	85.7%	94.6%	
Mean	1.1%		100.0%	83%	106%	Min-Max

SWA Solidified Waste Analog
Method 1315

Selenium
Se

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	1.0%	0.8%	100.0%	90.2%	92.1%	
L04	1.5%	1.4%	100.0%	90.3%	94.5%	
L05	1.5%	1.2%	100.0%	94.9%	101.2%	
L06	1.5%	0.9%	100.0%	98.8%	111.8%	
L07	1.1%	0.7%	100.0%	96.3%	101.5%	
L09	1.7%	0.8%	100.0%	91.7%	94.1%	
L10	1.3%	1.1%	100.0%	84.6%	87.0%	
L11	1.7%	1.2%	100.0%	94.8%	97.7%	
Ref	1.6%	2.5%	98.1%	87.8%	103.1%	
Mean	1.4%		99.6%	85%	112%	Min-Max

Vanadium
V

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	3.1%	2.2%	100.0%	90.5%	98.1%	
L04	4.3%	2.1%	100.0%	97.4%	98.0%	
L05	4.8%	2.9%	96.3%	90.8%	94.9%	
L06	4.8%	2.4%	100.0%	101.5%	101.5%	
L07	3.5%	2.2%	100.0%	90.7%	102.7%	
L09	4.6%	2.0%	96.3%	93.0%	108.3%	
L10	4.0%	2.0%	100.0%	85.7%	92.2%	
L11	3.8%	2.6%	100.0%	102.9%	107.7%	
Ref	4.6%	2.8%	94.4%	95.8%	102.4%	
Mean	4.2%		98.1%	86%	108%	Min-Max

CFS Contaminated Field Soil
Method 1315

Overall Mean RSD	3.0%
Stdev of Mean RSDs	1.7%
Overall Mean Completeness	97.3%
Min Spike Recovery	83%
Max Spike Recovery	115%

Aluminum
Al

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	4.7%	3.1%	96.3%	91.0%	96.6%	
L04	4.5%	2.9%	96.3%	96.3%	100.5%	
L06	6.0%	2.5%	92.6%	100.6%	109.6%	
L07	4.2%	2.8%	92.6%	94.0%	97.2%	
L10	5.4%	3.4%	92.6%	88.6%	94.9%	
L11	4.4%	2.8%	96.3%	91.0%	93.7%	
Ref	5.1%	2.9%	94.4%	102.5%	107.0%	
Mean	4.9%		94.4%	89%	110%	Min-Max

Antimony *All concentrations are between MDL and ML*
Sb

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	0.0%	0.0%	0.0%	92.2%	97.9%	
L04	0.0%	0.0%	0.0%	99.2%	102.3%	
L06	0.0%	0.0%	0.0%	95.4%	99.1%	
L07	0.0%	0.0%	0.0%	95.0%	97.8%	
L10	0.0%	0.0%	0.0%	86.6%	94.0%	
L11	0.0%	0.0%	0.0%	89.9%	89.9%	
Ref	0.0%	0.0%	0.0%	99.7%	102.6%	
Mean	0.0%		0.0%	87%	103%	Min-Max

Boron
B

Lab#	Mean RSD	Stdev RSD	Complete	Spike Rec Min	Spike Rec Max	
L01	2.3%	1.5%	100.0%	85.0%	86.2%	
L04	2.3%	1.6%	100.0%	100.3%	113.8%	
L06	2.1%	1.3%	100.0%	92.8%	97.4%	
L07	1.9%	1.3%	100.0%	89.0%	92.9%	
L10	2.8%	1.9%	100.0%	85.3%	100.9%	
L11	2.4%	1.3%	100.0%	90.3%	94.1%	
Ref	2.7%	2.2%	98.1%	95.6%	109.8%	
Mean	2.4%		99.5%	85%	114%	Min-Max

CFS Contaminated Field Soil
Method 1315

Barium

Ba	Mean	Stdev		Spike	Spike	
Lab#	RSD	RSD	Complete	Rec Min	Rec Max	
L01	1.9%	1.3%	100.0%	91.7%	94.6%	
L04	1.4%	0.8%	100.0%	99.2%	99.8%	
L06	2.4%	1.5%	100.0%	91.9%	96.8%	
L07	1.6%	1.3%	100.0%	92.3%	95.4%	
L10	1.9%	1.1%	100.0%	85.9%	90.8%	
L11	3.0%	2.8%	96.3%	90.9%	94.2%	
Ref	1.9%	1.6%	100.0%	103.9%	109.2%	
Mean	2.0%		99.5%	86%	109%	Min-Max

Cadmium

Cd	Mean	Stdev		Spike	Spike	
Lab#	RSD	RSD	Complete	Rec Min	Rec Max	
L01	1.5%	1.2%	100.0%	90.6%	103.9%	
L04	1.5%	0.8%	100.0%	92.8%	109.3%	
L06	1.6%	1.3%	100.0%	98.5%	108.8%	
L07	1.5%	1.3%	100.0%	90.6%	95.5%	
L10	1.6%	1.0%	100.0%	90.2%	92.2%	
L11	1.2%	0.7%	100.0%	100.4%	102.0%	
Ref	1.5%	0.9%	100.0%	94.2%	103.3%	
Mean	1.5%		100.0%	90%	109%	Min-Max

Calcium

Ca	Mean	Stdev		Spike	Spike	
	RSD	RSD	Complete	Rec Min	Rec Max	
L01	1.6%	1.3%	100.0%	91.6%	98.5%	
L04	1.2%	0.7%	100.0%	89.9%	92.1%	
L06	1.5%	1.2%	100.0%	87.1%	88.8%	
L07	1.6%	1.3%	100.0%	84.3%	89.9%	
L10	1.6%	1.1%	100.0%	84.7%	86.7%	
L11	1.4%	1.0%	100.0%	89.9%	92.8%	
Ref	1.5%	0.9%	100.0%	83.3%	89.6%	
Mean	1.5%		100.0%	83%	98%	Min-Max

Lead

Pb	Mean	Stdev		Spike	Spike	
Lab#	RSD	RSD	Complete	Rec Min	Rec Max	
L01	2.3%	1.5%	100.0%	88.6%	93.9%	
L04	2.2%	2.9%	96.3%	92.3%	102.5%	
L06	2.9%	2.6%	96.3%	89.8%	92.0%	
L07	1.7%	1.3%	100.0%	97.3%	105.2%	
L10	2.4%	1.6%	100.0%	90.0%	108.2%	
L11	2.2%	1.3%	100.0%	94.1%	95.7%	
Ref	2.1%	1.5%	100.0%	92.3%	104.8%	
Mean	2.2%		99.1%	89%	108%	Min-Max

CFS Contaminated Field Soil
Method 1315

Potassium

K	Mean	Stdev		Spike	Spike	
Lab#	RSD	RSD	Complete	Rec Min	Rec Max	
L01	1.5%	1.3%	100.0%	97.6%	115.0%	
L04	1.6%	1.2%	100.0%	92.8%	99.1%	
L06	1.6%	1.2%	100.0%	94.6%	105.6%	
L07	1.5%	1.2%	100.0%	84.5%	89.3%	
L10	1.6%	1.1%	100.0%	87.8%	95.5%	
L11	1.6%	1.5%	100.0%	87.1%	91.7%	
Ref	1.6%	0.9%	100.0%	87.0%	95.3%	
Mean	1.5%		100.0%	85%	115%	Min-Max

Selenium

Se	Mean	Stdev		Spike	Spike	
Lab#	RSD	RSD	Complete	Rec Min	Rec Max	
L01	5.5%	4.4%	83.3%	87.2%	94.1%	
L04	4.3%	3.6%	85.7%	100.6%	107.1%	
L06	5.0%	4.2%	90.0%	89.9%	96.7%	
L07	6.9%	3.4%	91.7%	89.8%	92.7%	
L10	6.5%	2.7%	88.9%	85.5%	95.1%	
L11	6.6%	3.4%	91.7%	93.0%	95.9%	
Ref	5.4%	3.8%	88.5%	98.1%	106.5%	
Mean	5.7%		88.5%	85%	107%	Min-Max

Vanadium

V	Mean	Stdev		Spike	Spike	
Lab#	RSD	RSD	Complete	Rec Min	Rec Max	
L01	5.0%	3.8%	93.3%	91.2%	97.1%	
L04	4.9%	3.0%	94.4%	99.9%	101.3%	
L06	5.5%	3.0%	91.7%	90.0%	96.8%	
L07	5.9%	3.9%	93.8%	93.1%	96.5%	
L10	5.1%	3.3%	94.4%	86.0%	91.9%	
L11	4.2%	2.4%	100.0%	96.4%	98.2%	
Ref	5.4%	3.4%	93.9%	98.7%	101.4%	
Mean	5.2%		94.4%	86%	101%	Min-Max

Appendix I. QA/QC Reports for Analytical Samples

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ORGANIZATION OF THE QA/QC TABLES **I-1**

DESCRIPTION OF THE COLUMNS IN THE ANALYTICAL QA/QC TABLES **I-1**

Method 1314: Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio using an Up-flow Percolation Column Procedure

CFS – Contaminated Field Soil

L01 ..... I-4
L06 ..... I-33
L07 ..... I-62
L10 ..... I-91
L11 ..... I-120
L14 ..... I-149
LRef I-178

JaFS – Brass Foundry Sand

L01 ..... I-236
L06 ..... I-265
L07 ..... I-294
L10 ..... I-323
L11 ..... I-352
L14 ..... I-381
LRef I-410

Method 1315: Mass Transport Rates in Monolithic or Compacted Granular Materials Using a Semi-dynamic Tank Leaching Procedure

SWA – Solidified Waste Analog

L01 ..... I-468
L04 ..... I-497
L05 ..... I-526
L06 ..... I-555
L07 ..... I-584
L09 ..... I-613

L10 .....I-642
L11 .....I-671
LRef.....I-700

CFS – Contaminated Field Soil

L01 .....I-758
L04 .....I-787
L06 .....I-816
L07 .....I-845
L10 .....I-874
L11 .....I-903
LRef I-932

INTRODUCTION

The tables in this appendix present the quality assurance/quality control results for the analytical measurement of eluate concentrations from the preserved eluates submitted by each of the validation laboratories. The data shown in this appendix is applicable only to the analytical solutions measured by inductively coupled plasma – optical emissions spectrometry (ICP-OES) performed by Vanderbilt University (VU). The analytical methods, instrument calibration, and analytical QA/QC program followed throughout this project are detailed in the main report starting on Page 10.

ORGANIZATION OF THE QA/QC TABLES

Each table in the appendix represents the final eluate solution concentrations for a single element from a single laboratory. The tables are ordered alphabetically by element symbol (e.g., "Al" for aluminum or "Sb" for antimony) for each validation laboratory code (e.g., "L01" for Laboratory 1 or "LRef" for reference laboratory) within each the leaching method (i.e., Method 1314 versus Method 1315). The information within each table is ordered by the test position number within each leaching method.

DESCRIPTION OF THE COLUMNS IN THE ANALYTICAL QA/QC TABLES

The following is a description of the columns in each table in the appendix.

Element (1st Column)

Element symbol identifiers based on the periodic chart.

Sample ID (2nd Column)

Coded identifier for each sample comprised of the following items separated by dashes:

- material code (e.g., "CFS", "SWA", or "JaFS")
- laboratory code (e.g., "L01" for Laboratory 1 or "LRef" for reference laboratory)
- method code (e.g., "1314" for Method 1314)
- test position number (e.g., "T01" for first eluate of the test)
- replicate letter (e.g., "A" for first test run)

Dilution Factor (3rd Column)

The dilution factor for the analytical sample measured in the instrument or the multiplier associated with calculating final eluate concentrations from analytical sample concentration. Typically for ICP-OES, full strength analytical samples are measured and the resultant dilution factor is "1". However, dilution factors of at least "10" are common for inductively coupled plasma – mass spectrometry (ICP-MS) analysis in order to minimize interferences from analytical solutions with high sodium and potassium content.

Sample Conc. in µg/L (4th Column)

The concentration of the analytical sample in µg/L as measured by the analytical method specified in the 14th Column.

Qualifier (5th Column)

A quality control qualifier used to flag analytical samples that are below the quantification or detection limits. The following table of qualifiers was used.

Qualifier	Meaning
E	Estimated value between the MDL and ML values
U	Non-detected values below the MDL
U1/2	Non-detected values below the MDL set to ½ the MDL for graphing purposes

ICP-OES Conc. (6th Column)

The final eluate concentration used in the validation study determined by multiplying the analytical sample concentration (4th Column) by the dilution factor (3rd Column).

RSD (7th Column)

Relative standard deviation of the three analytical measurements of the sample analytical sample calculated automatically through instrument software. The RSD does not represent the relative standard deviation of replicate analysis using triplicate samples.

MDL (8th Column)

The method detection limit (MDL) in µg/L for the analysis using the analytical method specified in the 14th Column. The value is calculated by the VU laboratory manager based on the standard deviation of analysis of seven low-level standard solutions measured on seven non-consecutive days and the Student's *t*-distribution value for the seven replicates at the 99% confidence level (EPA, 2003).

$$MDL = S_{(n=7)} \times t_{(n-1=6,1-\alpha=0.99)}$$

where $S_{(n=7)}$ is the standard deviation of seven non-consecutive measurements (µg/L), and

$t_{(n-1=6,1-\alpha=0.99)}$ is the Student *t*-distribution value for seven replicates at the 99% confidence level (3.14267).

ML (9th Column)

The estimated minimum level of quantification (ML) in µg/L for the analysis using the analytical method specified in the 14th Column. The value is calculated by the VU laboratory manager based on the previously calculated MDL (EPA, 2003).

$$ML = 3.18 \times MDL$$

Spike Conc. (10th Column) and Spike Volume (11th Column)

The concentration in µg/L of the standard solution used to spike analytical samples and the volume of the standard solution added to each analytical sample. When multiplied, these values provide the theoretical mass of an element that is spiked into an analytical sample.

$$M_{QA/QC\ spike} = C_{std} \times \left(V_{std} \times \frac{\mathrm{L}}{10^6\ \mu\mathrm{L}} \right)$$

where $M_{QA/QC\ spike}$ is the theoretical mass of spiked into the analytical sample (µg),
C_{std} is the concentration of the standard solution (µg/L), and
V_{std} is the volume of the standard solution added to the analytical sample (µL).

Spike Conc. (12th Column)

The concentration of the spiked analytical solution in µg/L as measured by the analytical method specified in the 14th Column.

Spike Recovery (13th Column)

The percentage of spiked mass recovered during analysis of the spiked solution. The spike recovery is calculated by the VU laboratory manager using the following formula:

$$\frac{\left(C_{QA/QC\ spike} - C_{sample}\right) \times V_{QA/QC\ spike}}{M_{QA/AC\ spike}} \times 100\%$$

where $C_{QA/QC\ spike}$ is the concentration of the spiked analytical sample (µg/L),
C_{sample} is the concentration of the analytical sample in the 4th Column (µg/L), and
$V_{QA/QC\ spike}$ is the final volume of the spiked analytical sample (L).

Instrument (14th Column)

The instrument used for the analytical measurement (e.g., "VU ICP-OES" denotes that the instrument was the Vanderbilt University Varian 620 ICP-OES).

Date/Time (15th Column)

The date and time that the analytical sample measurement was recorded by the instrument software. This column is used to uniquely identify each analysis and does not reflect the data and time of spiked solution measurement.

Filename (16th Column)

The name of the instrument output file where the analytical data is stored.

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L01-1314-T01-A	1	4.97E+01		4.97E+01	2.49	1.00	3.18					VU ICP-OES	3/7/12 1:37 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T02-A	1	4.50E+01		4.50E+01	3.23	1.00	3.18					VU ICP-OES	3/7/12 1:38 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T03-A	1	4.07E+01		4.07E+01	2.20	1.00	3.18	10000	1000	1.16E+03	112%	VU ICP-OES	3/7/12 1:40 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T04-A	1	4.21E+01		4.21E+01	2.11	1.00	3.18					VU ICP-OES	3/7/12 1:42 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T05-A	1	3.61E+01		3.61E+01	3.17	1.00	3.18					VU ICP-OES	3/7/12 1:43 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T06-A	1	3.80E+01		3.80E+01	3.35	1.00	3.18					VU ICP-OES	3/7/12 1:45 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T07-A	1	3.45E+01		3.45E+01	6.27	1.00	3.18					VU ICP-OES	3/7/12 1:47 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T08-A	1	3.95E+01		3.95E+01	3.54	1.00	3.18					VU ICP-OES	3/7/12 1:48 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T09-A	1	3.63E+01		3.63E+01	8.62	1.00	3.18					VU ICP-OES	3/7/12 1:50 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T01-B	1	5.00E+01		5.00E+01	2.48	1.00	3.18					VU ICP-OES	3/7/12 1:52 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T02-B	1	4.34E+01		4.34E+01	2.20	1.00	3.18					VU ICP-OES	3/7/12 1:53 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T03-B	1	3.81E+01		3.81E+01	1.91	1.00	3.18	10000	1000	1.03E+03	99%	VU ICP-OES	3/7/12 1:55 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T04-B	1	4.34E+01		4.34E+01	5.05	1.00	3.18					VU ICP-OES	3/7/12 1:57 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T05-B	1	3.80E+01		3.80E+01	0.99	1.00	3.18					VU ICP-OES	3/7/12 1:58 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T06-B	1	3.71E+01		3.71E+01	3.68	1.00	3.18					VU ICP-OES	3/7/12 2:00 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T07-B	1	3.20E+01		3.20E+01	3.70	1.00	3.18					VU ICP-OES	3/7/12 2:02 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T08-B	1	3.56E+01		3.56E+01	7.12	1.00	3.18					VU ICP-OES	3/7/12 2:03 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T09-B	1	3.73E+01		3.73E+01	7.56	1.00	3.18					VU ICP-OES	3/7/12 2:05 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T01-C	1	5.22E+01		5.22E+01	3.61	1.00	3.18					VU ICP-OES	3/7/12 2:07 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T02-C	1	5.11E+01		5.11E+01	1.76	1.00	3.18					VU ICP-OES	3/7/12 2:08 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T03-C	1	4.59E+01		4.59E+01	6.36	1.00	3.18	10000	1000	1.10E+03	105%	VU ICP-OES	3/7/12 2:10 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T04-C	1	4.31E+01		4.31E+01	1.47	1.00	3.18					VU ICP-OES	3/7/12 2:12 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T05-C	1	3.80E+01		3.80E+01	2.40	1.00	3.18					VU ICP-OES	3/7/12 2:13 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T06-C	1	3.61E+01		3.61E+01	7.83	1.00	3.18					VU ICP-OES	3/7/12 2:15 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T07-C	1	3.54E+01		3.54E+01	6.52	1.00	3.18					VU ICP-OES	3/7/12 2:17 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T08-C	1	3.70E+01		3.70E+01	5.64	1.00	3.18					VU ICP-OES	3/7/12 2:18 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-T09-C	1	3.53E+01		3.53E+01	1.99	1.00	3.18					VU ICP-OES	3/7/12 2:20 PM	EPA Interlab L01 1314 CFS
Al	CFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	4.45	1.00	3.18					VU ICP-OES	3/7/12 1:35 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L01-1314-T01-A	1	9.57E+01		9.57E+01	4.85	7.50	23.90					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T02-A	1	5.03E+01		5.03E+01	6.42	7.50	23.90					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T03-A	1	3.51E+01		3.51E+01	3.55	7.50	23.90	10000	1000	1.13E+03	110%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T04-A	1	2.67E+01		2.67E+01	2.03	7.50	23.90					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T05-A	1	2.98E+01		2.98E+01	11.30	7.50	23.90					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T06-A	1	1.94E+01	E	1.94E+01	26.77	7.50	23.90					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T07-A	1	1.92E+01	E	1.92E+01	33.11	7.50	23.90					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T08-A	1	2.25E+01	E	2.25E+01	15.91	7.50	23.90					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T09-A	1	1.30E+01	E	1.30E+01	28.86	7.50	23.90					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T01-B	1	8.47E+01		8.47E+01	1.42	7.50	23.90					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T02-B	1	4.51E+01		4.51E+01	7.77	7.50	23.90					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T03-B	1	3.55E+01		3.55E+01	2.29	7.50	23.90	10000	1000	1.11E+03	107%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T04-B	1	2.72E+01		2.72E+01	2.71	7.50	23.90					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T05-B	1	2.78E+01		2.78E+01	2.81	7.50	23.90					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T06-B	1	2.51E+01		2.51E+01	11.18	7.50	23.90					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T07-B	1	2.05E+01	E	2.05E+01	17.62	7.50	23.90					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T08-B	1	2.14E+01	E	2.14E+01	27.59	7.50	23.90					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T09-B	1	1.80E+01	E	1.80E+01	14.18	7.50	23.90					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T01-C	1	8.95E+01		8.95E+01	6.80	7.50	23.90					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T02-C	1	4.72E+01		4.72E+01	1.41	7.50	23.90					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T03-C	1	3.17E+01		3.17E+01	2.06	7.50	23.90	10000	1000	1.08E+03	104%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T04-C	1	3.12E+01		3.12E+01	1.89	7.50	23.90					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T05-C	1	2.39E+01		2.39E+01	2.74	7.50	23.90					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T06-C	1	2.50E+01		2.50E+01	1.15	7.50	23.90					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T07-C	1	2.66E+01		2.66E+01	1.89	7.50	23.90					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T08-C	1	2.71E+01		2.71E+01	1.76	7.50	23.90					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-T09-C	1	1.99E+01	E	1.99E+01	25.50	7.50	23.90					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Sb	CFS-L01-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	42.79	7.50	23.90					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L01-1314-T01-A	1	4.46E+01		4.46E+01	8.72	11.00	35.00					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T02-A	1	2.77E+01	E	2.77E+01	11.58	11.00	35.00					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T03-A	1	1.64E+01	E	1.64E+01	13.96	11.00	35.00	10000	1000	1.13E+03	111%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T04-A	1	1.83E+01	E	1.83E+01	21.06	11.00	35.00					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T05-A	1	1.38E+01	E	1.38E+01	27.75	11.00	35.00					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T06-A	1	1.46E+01	E	1.46E+01	37.58	11.00	35.00					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T07-A	1	2.21E+01	E	2.21E+01	35.95	11.00	35.00					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T08-A	1	1.84E+01	E	1.84E+01	24.22	11.00	35.00					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T09-A	1	1.46E+01	E	1.46E+01	24.65	11.00	35.00					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T01-B	1	6.96E+01		6.96E+01	4.10	11.00	35.00					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T02-B	1	2.70E+01	E	2.70E+01	9.84	11.00	35.00					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T03-B	1	2.41E+01	E	2.41E+01	26.13	11.00	35.00	10000	1000	1.11E+03	109%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T04-B	1	1.65E+01	E	1.65E+01	27.75	11.00	35.00					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T05-B	1	2.17E+01	E	2.17E+01	38.25	11.00	35.00					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T06-B	1	2.10E+01	E	2.10E+01	30.83	11.00	35.00					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T07-B	1	2.25E+01	E	2.25E+01	37.06	11.00	35.00					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T08-B	1	2.45E+01	E	2.45E+01	24.29	11.00	35.00					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T09-B	1	1.49E+01	E	1.49E+01	37.94	11.00	35.00					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T01-C	1	6.73E+01		6.73E+01	1.90	11.00	35.00					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T02-C	1	2.89E+01	E	2.89E+01	14.65	11.00	35.00					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T03-C	1	1.17E+01	E	1.17E+01	31.16	11.00	35.00	10000	1000	1.08E+03	107%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T04-C	1	2.49E+01	E	2.49E+01	20.07	11.00	35.00					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T05-C	1	1.68E+01	E	1.68E+01	8.80	11.00	35.00					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T06-C	1	1.77E+01	E	1.77E+01	15.19	11.00	35.00					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T07-C	1	1.32E+01	E	1.32E+01	16.79	11.00	35.00					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T08-C	1	1.85E+01	E	1.85E+01	9.66	11.00	35.00					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-T09-C	1	1.63E+01	E	1.63E+01	6.03	11.00	35.00					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
As	CFS-L01-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	42.13	11.00	35.00					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L01-1314-T01-A	1	2.57E+03		2.57E+03	0.67	1.00	3.18					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T02-A	1	1.58E+03		1.58E+03	0.88	1.00	3.18					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T03-A	1	7.06E+02		7.06E+02	0.89	1.00	3.18	10000	1000	1.64E+03	93%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T04-A	1	3.18E+02		3.18E+02	0.95	1.00	3.18					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T05-A	1	2.04E+02		2.04E+02	1.63	1.00	3.18					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T06-A	1	1.36E+02		1.36E+02	0.58	1.00	3.18					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T07-A	1	8.66E+01		8.66E+01	0.45	1.00	3.18					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T08-A	1	6.20E+01		6.20E+01	1.07	1.00	3.18					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T09-A	1	4.70E+01		4.70E+01	2.10	1.00	3.18					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T01-B	1	2.71E+03		2.71E+03	0.22	1.00	3.18					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T02-B	1	1.69E+03		1.69E+03	0.34	1.00	3.18					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T03-B	1	7.12E+02		7.12E+02	0.71	1.00	3.18	10000	1000	1.68E+03	97%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T04-B	1	3.47E+02		3.47E+02	0.26	1.00	3.18					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T05-B	1	2.32E+02		2.32E+02	0.30	1.00	3.18					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T06-B	1	1.36E+02		1.36E+02	1.94	1.00	3.18					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T07-B	1	9.10E+01		9.10E+01	1.58	1.00	3.18					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T08-B	1	7.05E+01		7.05E+01	2.75	1.00	3.18					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T09-B	1	5.29E+01		5.29E+01	2.22	1.00	3.18					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T01-C	1	2.73E+03		2.73E+03	0.85	1.00	3.18					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T02-C	1	1.70E+03		1.70E+03	0.45	1.00	3.18					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T03-C	1	7.15E+02		7.15E+02	0.79	1.00	3.18	10000	1000	1.69E+03	97%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T04-C	1	3.50E+02		3.50E+02	0.30	1.00	3.18					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T05-C	1	2.34E+02		2.34E+02	0.28	1.00	3.18					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T06-C	1	1.34E+02		1.34E+02	1.04	1.00	3.18					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T07-C	1	9.27E+01		9.27E+01	2.24	1.00	3.18					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T08-C	1	6.96E+01		6.96E+01	1.54	1.00	3.18					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-T09-C	1	5.30E+01		5.30E+01	5.17	1.00	3.18					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
B	CFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	1.00	1.00	3.18					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L01-1314-T01-A	1	3.55E+01		3.55E+01	0.78	1.00	3.18					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T02-A	1	4.73E+01		4.73E+01	1.05	1.00	3.18					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T03-A	1	5.50E+01		5.50E+01	0.83	1.00	3.18	10000	1000	1.07E+03	102%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T04-A	1	5.75E+01		5.75E+01	0.41	1.00	3.18					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T05-A	1	6.15E+01		6.15E+01	1.60	1.00	3.18					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T06-A	1	6.63E+01		6.63E+01	0.47	1.00	3.18					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T07-A	1	7.11E+01		7.11E+01	1.03	1.00	3.18					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T08-A	1	7.45E+01		7.45E+01	0.43	1.00	3.18					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T09-A	1	7.89E+01		7.89E+01	0.49	1.00	3.18					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T01-B	1	3.36E+01		3.36E+01	0.98	1.00	3.18					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T02-B	1	4.72E+01		4.72E+01	0.28	1.00	3.18					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T03-B	1	5.51E+01		5.51E+01	0.41	1.00	3.18	10000	1000	1.01E+03	96%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T04-B	1	5.76E+01		5.76E+01	0.39	1.00	3.18					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T05-B	1	5.90E+01		5.90E+01	0.10	1.00	3.18					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T06-B	1	6.48E+01		6.48E+01	1.03	1.00	3.18					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T07-B	1	7.05E+01		7.05E+01	0.38	1.00	3.18					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T08-B	1	7.35E+01		7.35E+01	0.51	1.00	3.18					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T09-B	1	7.72E+01		7.72E+01	0.61	1.00	3.18					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T01-C	1	3.49E+01		3.49E+01	0.24	1.00	3.18					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T02-C	1	4.81E+01		4.81E+01	0.50	1.00	3.18					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T03-C	1	5.56E+01		5.56E+01	0.49	1.00	3.18	10000	1000	1.01E+03	95%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T04-C	1	5.85E+01		5.85E+01	1.18	1.00	3.18					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T05-C	1	5.97E+01		5.97E+01	0.27	1.00	3.18					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T06-C	1	6.45E+01		6.45E+01	0.44	1.00	3.18					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T07-C	1	7.01E+01		7.01E+01	0.06	1.00	3.18					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T08-C	1	7.33E+01		7.33E+01	0.38	1.00	3.18					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-T09-C	1	7.76E+01		7.76E+01	5.00	1.00	3.18					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Ba	CFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	4.40	1.00	3.18					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L01-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	5.23	1.90	6.00					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	18.48	1.90	6.00					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	22.46	1.90	6.00	10000	1000	1.07E+03	107%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	27.70	1.90	6.00					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	18.93	1.90	6.00					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	35.00	1.90	6.00					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	7.77	1.90	6.00					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	32.84	1.90	6.00					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	23.80	1.90	6.00					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	10.77	1.90	6.00					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	15.16	1.90	6.00					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	24.31	1.90	6.00	10000	1000	1.08E+03	107%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	10.13	1.90	6.00					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	22.46	1.90	6.00					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	12.04	1.90	6.00					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	28.50	1.90	6.00					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	23.78	1.90	6.00					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	18.45	1.90	6.00					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	16.28	1.90	6.00					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	41.55	1.90	6.00					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	24.74	1.90	6.00	10000	1000	1.06E+03	106%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	29.75	1.90	6.00					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	18.71	1.90	6.00					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	33.34	1.90	6.00					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	42.70	1.90	6.00					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	34.08	1.90	6.00					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	21.41	1.90	6.00					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Be	CFS-L01-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	31.04	1.90	6.00					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L01-1314-T01-A	1	2.17E+04		2.17E+04	1.33	2.20	7.00					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T02-A	1	1.23E+04		1.23E+04	0.68	2.20	7.00					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T03-A	1	1.11E+04		1.11E+04	0.41	2.20	7.00	10000	1000	1.22E+04	103%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T04-A	1	1.05E+04		1.05E+04	0.34	2.20	7.00					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T05-A	1	1.00E+04		1.00E+04	0.90	2.20	7.00					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T06-A	1	8.05E+03		8.05E+03	0.40	2.20	7.00					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T07-A	1	6.27E+03		6.27E+03	0.55	2.20	7.00					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T08-A	1	4.58E+03		4.58E+03	0.42	2.20	7.00					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T09-A	1	3.63E+03		3.63E+03	0.73	2.20	7.00					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T01-B	1	2.29E+04		2.29E+04	0.56	2.20	7.00					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T02-B	1	1.22E+04		1.22E+04	0.35	2.20	7.00					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T03-B	1	1.09E+04		1.09E+04	0.50	2.20	7.00	10000	1000	1.18E+04	92%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T04-B	1	1.06E+04		1.06E+04	0.49	2.20	7.00					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T05-B	1	1.00E+04		1.00E+04	0.36	2.20	7.00					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T06-B	1	8.29E+03		8.29E+03	0.81	2.20	7.00					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T07-B	1	6.52E+03		6.52E+03	0.34	2.20	7.00					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T08-B	1	4.95E+03		4.95E+03	0.57	2.20	7.00					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T09-B	1	4.12E+03		4.12E+03	0.58	2.20	7.00					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T01-C	1	2.16E+04		2.16E+04	0.83	2.20	7.00					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T02-C	1	1.18E+04		1.18E+04	1.16	2.20	7.00					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T03-C	1	1.06E+04		1.06E+04	0.55	2.20	7.00	10000	1000	1.16E+04	99%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T04-C	1	1.04E+04		1.04E+04	0.94	2.20	7.00					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T05-C	1	1.00E+04		1.00E+04	0.33	2.20	7.00					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T06-C	1	8.19E+03		8.19E+03	0.57	2.20	7.00					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T07-C	1	6.58E+03		6.58E+03	0.19	2.20	7.00					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T08-C	1	5.01E+03		5.01E+03	0.46	2.20	7.00					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-T09-C	1	4.26E+03		4.26E+03	5.06	2.20	7.00					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Cd	CFS-L01-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	26.33	2.20	7.00					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L01-1314-T01-A	1	4.37E+05		4.37E+05	0.49	2.60	8.30					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T02-A	1	4.88E+05		4.88E+05	0.58	2.60	8.30					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T03-A	1	5.56E+05		5.56E+05	0.39	2.60	8.30	10000	1000	5.57E+05	89%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T04-A	1	5.89E+05		5.89E+05	0.36	2.60	8.30					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T05-A	1	6.09E+05		6.09E+05	0.66	2.60	8.30					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T06-A	1	6.08E+05		6.08E+05	0.45	2.60	8.30					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T07-A	1	6.11E+05		6.11E+05	0.33	2.60	8.30					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T08-A	1	6.14E+05		6.14E+05	0.62	2.60	8.30					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T09-A	1	6.13E+05		6.13E+05	0.53	2.60	8.30					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T01-B	1	4.31E+05		4.31E+05	0.73	2.60	8.30					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T02-B	1	4.91E+05		4.91E+05	0.27	2.60	8.30					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T03-B	1	5.52E+05		5.52E+05	0.76	2.60	8.30	10000	1000	5.53E+05	87%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T04-B	1	5.90E+05		5.90E+05	0.68	2.60	8.30					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T05-B	1	5.93E+05		5.93E+05	0.28	2.60	8.30					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T06-B	1	6.04E+05		6.04E+05	0.85	2.60	8.30					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T07-B	1	6.12E+05		6.12E+05	0.20	2.60	8.30					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T08-B	1	6.17E+05		6.17E+05	0.38	2.60	8.30					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T09-B	1	6.30E+05		6.30E+05	0.51	2.60	8.30					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T01-C	1	4.31E+05		4.31E+05	0.29	2.60	8.30					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T02-C	1	4.92E+05		4.92E+05	0.50	2.60	8.30					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T03-C	1	5.54E+05		5.54E+05	0.56	2.60	8.30	10000	1000	5.54E+05	88%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T04-C	1	5.93E+05		5.93E+05	0.83	2.60	8.30					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T05-C	1	6.02E+05		6.02E+05	0.23	2.60	8.30					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T06-C	1	6.03E+05		6.03E+05	0.46	2.60	8.30					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T07-C	1	6.12E+05		6.12E+05	0.11	2.60	8.30					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T08-C	1	6.12E+05		6.12E+05	0.42	2.60	8.30					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-T09-C	1	6.38E+05		6.38E+05	5.05	2.60	8.30					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Ca	CFS-L01-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	18.97	2.60	8.30					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L01-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	29.40	1.20	3.82					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	76.82	1.20	3.82					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	51.10	1.20	3.82	10000	1000	9.82E+02	98%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	31.11	1.20	3.82					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	17.09	1.20	3.82					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	70.83	1.20	3.82					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	58.32	1.20	3.82					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	48.53	1.20	3.82					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	20.64	1.20	3.82					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	33.23	1.20	3.82					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	36.45	1.20	3.82					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	76.66	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	13.20	1.20	3.82					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	49.80	1.20	3.82					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	11.19	1.20	3.82					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	4.12	1.20	3.82					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	49.00	1.20	3.82					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	38.08	1.20	3.82					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	5.28	1.20	3.82					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	52.37	1.20	3.82					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	37.76	1.20	3.82	10000	1000	9.93E+02	99%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	26.14	1.20	3.82					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	49.87	1.20	3.82					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	10.76	1.20	3.82					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	32.48	1.20	3.82					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	33.85	1.20	3.82					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	58.43	1.20	3.82					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Cr	CFS-L01-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	23.39	1.20	3.82					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L01-1314-T01-A	1	9.53E+02		9.53E+02	1.00	1.80	5.72					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T02-A	1	4.95E+02		4.95E+02	0.46	1.80	5.72					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T03-A	1	4.00E+02		4.00E+02	0.41	1.80	5.72	10000	1000	1.42E+03	102%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T04-A	1	3.42E+02		3.42E+02	0.21	1.80	5.72					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T05-A	1	2.79E+02		2.79E+02	0.87	1.80	5.72					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T06-A	1	1.55E+02		1.55E+02	0.38	1.80	5.72					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T07-A	1	7.70E+01		7.70E+01	0.75	1.80	5.72					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T08-A	1	4.94E+01		4.94E+01	0.64	1.80	5.72					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T09-A	1	3.60E+01		3.60E+01	0.75	1.80	5.72					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T01-B	1	9.73E+02		9.73E+02	1.83	1.80	5.72					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T02-B	1	4.81E+02		4.81E+02	0.47	1.80	5.72					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T03-B	1	3.89E+02		3.89E+02	0.68	1.80	5.72	10000	1000	1.36E+03	97%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T04-B	1	3.51E+02		3.51E+02	0.74	1.80	5.72					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T05-B	1	3.02E+02		3.02E+02	0.61	1.80	5.72					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T06-B	1	1.68E+02		1.68E+02	1.66	1.80	5.72					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T07-B	1	8.52E+01		8.52E+01	0.75	1.80	5.72					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T08-B	1	5.63E+01		5.63E+01	0.89	1.80	5.72					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T09-B	1	4.20E+01		4.20E+01	3.20	1.80	5.72					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T01-C	1	9.08E+02		9.08E+02	0.26	1.80	5.72					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T02-C	1	4.57E+02		4.57E+02	0.98	1.80	5.72					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T03-C	1	3.83E+02		3.83E+02	0.82	1.80	5.72	10000	1000	1.35E+03	97%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T04-C	1	3.49E+02		3.49E+02	0.75	1.80	5.72					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T05-C	1	3.09E+02		3.09E+02	0.17	1.80	5.72					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T06-C	1	1.66E+02		1.66E+02	0.47	1.80	5.72					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T07-C	1	8.34E+01		8.34E+01	1.51	1.80	5.72					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T08-C	1	5.67E+01		5.67E+01	2.14	1.80	5.72					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-T09-C	1	4.31E+01		4.31E+01	3.75	1.80	5.72					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Co	CFS-L01-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	40.41	1.80	5.72					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L01-1314-T01-A	1	4.45E+03		4.45E+03	1.42	3.70	11.80					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T02-A	1	2.85E+03		2.85E+03	1.99	3.70	11.80					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T03-A	1	2.52E+03		2.52E+03	0.56	3.70	11.80	10000	1000	3.51E+03	99%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T04-A	1	2.36E+03		2.36E+03	1.12	3.70	11.80					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T05-A	1	2.23E+03		2.23E+03	2.00	3.70	11.80					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T06-A	1	1.73E+03		1.73E+03	0.56	3.70	11.80					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T07-A	1	1.36E+03		1.36E+03	1.09	3.70	11.80					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T08-A	1	9.42E+02		9.42E+02	0.69	3.70	11.80					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T09-A	1	8.03E+02		8.03E+02	0.93	3.70	11.80					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T01-B	1	4.47E+03		4.47E+03	0.50	3.70	11.80					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T02-B	1	2.84E+03		2.84E+03	1.22	3.70	11.80					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T03-B	1	2.51E+03		2.51E+03	0.65	3.70	11.80	10000	1000	3.55E+03	104%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T04-B	1	2.48E+03		2.48E+03	1.55	3.70	11.80					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T05-B	1	1.53E+03		1.53E+03	0.49	3.70	11.80					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T06-B	1	1.74E+03		1.74E+03	1.32	3.70	11.80					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T07-B	1	1.40E+03		1.40E+03	0.61	3.70	11.80					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T08-B	1	1.05E+03		1.05E+03	1.38	3.70	11.80					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T09-B	1	9.12E+02		9.12E+02	0.86	3.70	11.80					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T01-C	1	4.00E+03		4.00E+03	0.70	3.70	11.80					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T02-C	1	2.68E+03		2.68E+03	0.36	3.70	11.80					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T03-C	1	2.30E+03		2.30E+03	0.54	3.70	11.80	10000	1000	3.28E+03	98%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T04-C	1	1.54E+03		1.54E+03	0.57	3.70	11.80					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T05-C	1	2.24E+03		2.24E+03	0.60	3.70	11.80					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T06-C	1	1.74E+03		1.74E+03	0.96	3.70	11.80					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T07-C	1	1.38E+03		1.38E+03	0.64	3.70	11.80					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T08-C	1	1.05E+03		1.05E+03	0.14	3.70	11.80					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-T09-C	1	8.94E+02		8.94E+02	3.57	3.70	11.80					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Cu	CFS-L01-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	16.14	3.70	11.80					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L01-1314-T01-A	1	3.08E+00	E	3.08E+00	4.47	2.00	6.40					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	7.55	2.00	6.40					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	5.52	2.00	6.40	10000	1000	9.98E+02	100%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	22.11	2.00	6.40					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T05-A	1	1.20E+01		1.20E+01	2.49	2.00	6.40					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T06-A	1	7.75E+00		7.75E+00	6.99	2.00	6.40					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	20.50	2.00	6.40					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	5.65	2.00	6.40					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	11.73	2.00	6.40					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T01-B	1	2.99E+00	E	2.99E+00	8.80	2.00	6.40					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	5.76	2.00	6.40					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T03-B	1	8.09E+00		8.09E+00	6.02	2.00	6.40	10000	1000	1.03E+03	102%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	9.76	2.00	6.40					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	3.19	2.00	6.40					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T06-B	1	5.78E+00	E	5.78E+00	3.86	2.00	6.40					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T07-B	1	6.33E+00	E	6.33E+00	6.99	2.00	6.40					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	18.22	2.00	6.40					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	12.88	2.00	6.40					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	3.62	2.00	6.40					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	2.09	2.00	6.40					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	2.53	2.00	6.40	10000	1000	1.01E+03	101%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T04-C	1	3.26E+00	E	3.26E+00	3.88	2.00	6.40					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	30.51	2.00	6.40					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T06-C	1	1.97E+01		1.97E+01	1.93	2.00	6.40					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	7.28	2.00	6.40					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	15.07	2.00	6.40					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	8.66	2.00	6.40					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Fe	CFS-L01-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	12.99	2.00	6.40					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L01-1314-T01-A	1	8.81E+02		8.81E+02	1.04	6.80	21.60					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T02-A	1	8.41E+02		8.41E+02	0.94	6.80	21.60					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T03-A	1	1.05E+03		1.05E+03	0.67	6.80	21.60	10000	1000	2.04E+03	99%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T04-A	1	1.14E+03		1.14E+03	0.30	6.80	21.60					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T05-A	1	1.18E+03		1.18E+03	1.12	6.80	21.60					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T06-A	1	1.12E+03		1.12E+03	1.16	6.80	21.60					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T07-A	1	1.07E+03		1.07E+03	0.20	6.80	21.60					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T08-A	1	9.46E+02		9.46E+02	1.49	6.80	21.60					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T09-A	1	9.31E+02		9.31E+02	0.53	6.80	21.60					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T01-B	1	9.39E+02		9.39E+02	0.22	6.80	21.60					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T02-B	1	9.14E+02		9.14E+02	0.29	6.80	21.60					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T03-B	1	1.07E+03		1.07E+03	0.81	6.80	21.60	10000	1000	2.07E+03	100%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T04-B	1	1.16E+03		1.16E+03	0.99	6.80	21.60					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T05-B	1	8.91E+02		8.91E+02	0.77	6.80	21.60					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T06-B	1	1.11E+03		1.11E+03	0.94	6.80	21.60					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T07-B	1	1.09E+03		1.09E+03	0.43	6.80	21.60					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T08-B	1	9.92E+02		9.92E+02	1.17	6.80	21.60					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T09-B	1	9.91E+02		9.91E+02	0.14	6.80	21.60					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T01-C	1	7.97E+02		7.97E+02	0.37	6.80	21.60					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T02-C	1	8.36E+02		8.36E+02	0.74	6.80	21.60					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T03-C	1	1.02E+03		1.02E+03	0.37	6.80	21.60	10000	1000	1.96E+03	94%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T04-C	1	8.79E+02		8.79E+02	1.20	6.80	21.60					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T05-C	1	1.16E+03		1.16E+03	1.01	6.80	21.60					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T06-C	1	1.11E+03		1.11E+03	0.79	6.80	21.60					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T07-C	1	1.06E+03		1.06E+03	0.19	6.80	21.60					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T08-C	1	9.80E+02		9.80E+02	0.92	6.80	21.60					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-T09-C	1	9.80E+02		9.80E+02	5.13	6.80	21.60					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Pb	CFS-L01-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	32.93	6.80	21.60					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L01-1314-T01-A	1	4.11E+01		4.11E+01	1.02	1.90	6.00					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T02-A	1	2.51E+00	E	2.51E+00	22.82	1.90	6.00					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T03-A	1	6.27E+00		6.27E+00	7.61	1.90	6.00	10000	1000	8.76E+02	87%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T04-A	1	8.65E+00		8.65E+00	3.19	1.90	6.00					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T05-A	1	7.85E+00		7.85E+00	2.96	1.90	6.00					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T06-A	1	9.94E+00		9.94E+00	1.18	1.90	6.00					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T07-A	1	6.16E+00		6.16E+00	9.87	1.90	6.00					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T08-A	1	9.38E+00		9.38E+00	17.53	1.90	6.00					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T09-A	1	8.85E+00		8.85E+00	2.12	1.90	6.00					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T01-B	1	5.32E+01		5.32E+01	8.89	1.90	6.00					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T02-B	1	2.57E+00	E	2.57E+00	18.69	1.90	6.00					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T03-B	1	6.99E+00		6.99E+00	1.07	1.90	6.00	10000	1000	8.71E+02	86%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T04-B	1	5.73E+00	E	5.73E+00	38.44	1.90	6.00					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T05-B	1	8.92E+00		8.92E+00	3.82	1.90	6.00					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T06-B	1	1.03E+01		1.03E+01	8.25	1.90	6.00					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T07-B	1	8.09E+00		8.09E+00	5.31	1.90	6.00					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T08-B	1	9.01E+00		9.01E+00	4.52	1.90	6.00					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T09-B	1	7.71E+00		7.71E+00	2.61	1.90	6.00					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T01-C	1	4.75E+01		4.75E+01	3.53	1.90	6.00					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T02-C	1	3.45E+00	E	3.45E+00	27.12	1.90	6.00					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T03-C	1	6.25E+00		6.25E+00	10.93	1.90	6.00	10000	1000	8.74E+02	87%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T04-C	1	8.06E+00		8.06E+00	6.50	1.90	6.00					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T05-C	1	6.82E+00		6.82E+00	2.78	1.90	6.00					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T06-C	1	8.01E+00		8.01E+00	9.08	1.90	6.00					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T07-C	1	8.15E+00		8.15E+00	2.42	1.90	6.00					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T08-C	1	9.29E+00		9.29E+00	3.85	1.90	6.00					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-T09-C	1	7.55E+00		7.55E+00	2.65	1.90	6.00					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Li	CFS-L01-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	37.13	1.90	6.00					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L01-1314-T01-A	1	2.68E+04		2.68E+04	1.15	2.00	6.40					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T02-A	1	1.18E+04		1.18E+04	0.67	2.00	6.40					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T03-A	1	7.81E+03		7.81E+03	0.78	2.00	6.40	10000	1000	8.80E+03	99%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T04-A	1	5.00E+03		5.00E+03	0.51	2.00	6.40					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T05-A	1	2.85E+03		2.85E+03	1.56	2.00	6.40					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T06-A	1	1.17E+03		1.17E+03	1.14	2.00	6.40					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T07-A	1	6.27E+02		6.27E+02	1.20	2.00	6.40					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T08-A	1	4.85E+02		4.85E+02	0.58	2.00	6.40					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T09-A	1	3.94E+02		3.94E+02	2.27	2.00	6.40					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T01-B	1	2.71E+04		2.71E+04	0.49	2.00	6.40					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T02-B	1	1.16E+04		1.16E+04	0.45	2.00	6.40					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T03-B	1	7.77E+03		7.77E+03	0.51	2.00	6.40	10000	1000	8.69E+03	92%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T04-B	1	5.42E+03		5.42E+03	0.24	2.00	6.40					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T05-B	1	3.50E+03		3.50E+03	1.35	2.00	6.40					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T06-B	1	1.26E+03		1.26E+03	0.75	2.00	6.40					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T07-B	1	7.35E+02		7.35E+02	0.64	2.00	6.40					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T08-B	1	5.63E+02		5.63E+02	0.77	2.00	6.40					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T09-B	1	4.67E+02		4.67E+02	1.33	2.00	6.40					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T01-C	1	2.58E+04		2.58E+04	0.15	2.00	6.40					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T02-C	1	1.14E+04		1.14E+04	0.20	2.00	6.40					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T03-C	1	7.75E+03		7.75E+03	0.41	2.00	6.40	10000	1000	8.71E+03	96%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T04-C	1	5.44E+03		5.44E+03	0.88	2.00	6.40					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T05-C	1	3.53E+03		3.53E+03	0.62	2.00	6.40					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T06-C	1	1.22E+03		1.22E+03	0.98	2.00	6.40					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T07-C	1	7.39E+02		7.39E+02	1.25	2.00	6.40					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T08-C	1	5.75E+02		5.75E+02	0.43	2.00	6.40					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-T09-C	1	4.84E+02		4.84E+02	4.58	2.00	6.40					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Mn	CFS-L01-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	7.51	2.00	6.40					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L01-1314-T01-A	1	2.19E+06		2.19E+06	0.72	1.00	3.18					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T02-A	1	5.28E+05		5.28E+05	1.17	1.00	3.18					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T03-A	1	1.65E+05		1.65E+05	1.01	1.00	3.18	10000	1000	1.66E+05	86%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T04-A	1	4.78E+04		4.78E+04	0.56	1.00	3.18					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T05-A	1	2.53E+04		2.53E+04	1.15	1.00	3.18					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T06-A	1	2.05E+04		2.05E+04	0.59	1.00	3.18					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T07-A	1	1.28E+04		1.28E+04	0.91	1.00	3.18					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T08-A	1	8.19E+03		8.19E+03	0.52	1.00	3.18					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T09-A	1	5.29E+03		5.29E+03	0.88	1.00	3.18					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T01-B	1	2.45E+06		2.45E+06	1.65	1.00	3.18					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T02-B	1	5.47E+05		5.47E+05	0.59	1.00	3.18					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T03-B	1	1.64E+05		1.64E+05	1.05	1.00	3.18	10000	1000	1.65E+05	90%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T04-B	1	5.21E+04		5.21E+04	0.38	1.00	3.18					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T05-B	1	3.02E+04		3.02E+04	0.57	1.00	3.18					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T06-B	1	2.02E+04		2.02E+04	0.78	1.00	3.18					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T07-B	1	1.40E+04		1.40E+04	0.67	1.00	3.18					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T08-B	1	9.07E+03		9.07E+03	1.25	1.00	3.18					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T09-B	1	6.06E+03		6.06E+03	1.01	1.00	3.18					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T01-C	1	2.42E+06		2.42E+06	1.09	1.00	3.18					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T02-C	1	5.43E+05		5.43E+05	0.94	1.00	3.18					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T03-C	1	1.65E+05		1.65E+05	0.27	1.00	3.18	10000	1000	1.66E+05	96%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T04-C	1	5.20E+04		5.20E+04	1.25	1.00	3.18					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T05-C	1	3.09E+04		3.09E+04	0.25	1.00	3.18					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T06-C	1	2.04E+04		2.04E+04	1.03	1.00	3.18					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T07-C	1	1.44E+04		1.44E+04	0.45	1.00	3.18					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T08-C	1	9.27E+03		9.27E+03	1.54	1.00	3.18					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-T09-C	1	6.05E+03		6.05E+03	5.57	1.00	3.18					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Mg	CFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	14.48	1.00	3.18					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L01-1314-T01-A	1	3.12E+01		3.12E+01	2.33	1.20	3.82					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T02-A	1	1.30E+01		1.30E+01	2.91	1.20	3.82					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T03-A	1	8.37E+00		8.37E+00	10.51	1.20	3.82	10000	1000	1.03E+03	102%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T04-A	1	8.66E+00		8.66E+00	5.69	1.20	3.82					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T05-A	1	7.49E+00		7.49E+00	7.64	1.20	3.82					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T06-A	1	7.54E+00		7.54E+00	2.93	1.20	3.82					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T07-A	1	7.47E+00		7.47E+00	1.83	1.20	3.82					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T08-A	1	8.29E+00		8.29E+00	2.97	1.20	3.82					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T09-A	1	8.31E+00		8.31E+00	3.89	1.20	3.82					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T01-B	1	3.28E+01		3.28E+01	7.46	1.20	3.82					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T02-B	1	1.33E+01		1.33E+01	8.59	1.20	3.82					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T03-B	1	8.25E+00		8.25E+00	14.87	1.20	3.82	10000	1000	1.05E+03	104%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T04-B	1	7.63E+00		7.63E+00	6.31	1.20	3.82					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T05-B	1	7.18E+00		7.18E+00	1.93	1.20	3.82					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T06-B	1	6.06E+00		6.06E+00	9.52	1.20	3.82					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T07-B	1	8.25E+00		8.25E+00	1.64	1.20	3.82					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T08-B	1	8.56E+00		8.56E+00	1.25	1.20	3.82					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T09-B	1	7.09E+00		7.09E+00	1.82	1.20	3.82					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T01-C	1	3.08E+01		3.08E+01	2.72	1.20	3.82					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T02-C	1	1.14E+01		1.14E+01	8.78	1.20	3.82					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T03-C	1	9.23E+00		9.23E+00	2.24	1.20	3.82	10000	1000	1.03E+03	102%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T04-C	1	7.64E+00		7.64E+00	1.50	1.20	3.82					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T05-C	1	8.50E+00		8.50E+00	3.74	1.20	3.82					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T06-C	1	7.68E+00		7.68E+00	9.05	1.20	3.82					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T07-C	1	8.52E+00		8.52E+00	8.51	1.20	3.82					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T08-C	1	7.87E+00		7.87E+00	6.72	1.20	3.82					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-T09-C	1	7.69E+00		7.69E+00	1.26	1.20	3.82					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Mo	CFS-L01-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	16.79	1.20	3.82					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L01-1314-T01-A	1	1.43E+03		1.43E+03	0.62	1.80	5.70					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T02-A	1	7.77E+02		7.77E+02	0.66	1.80	5.70					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T03-A	1	6.55E+02		6.55E+02	0.57	1.80	5.70	10000	1000	1.67E+03	101%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T04-A	1	5.91E+02		5.91E+02	0.98	1.80	5.70					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T05-A	1	5.18E+02		5.18E+02	0.72	1.80	5.70					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T06-A	1	3.43E+02		3.43E+02	0.43	1.80	5.70					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T07-A	1	2.09E+02		2.09E+02	0.18	1.80	5.70					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T08-A	1	1.30E+02		1.30E+02	1.36	1.80	5.70					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T09-A	1	9.41E+01		9.41E+01	1.72	1.80	5.70					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T01-B	1	1.47E+03		1.47E+03	1.01	1.80	5.70					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T02-B	1	7.54E+02		7.54E+02	0.15	1.80	5.70					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T03-B	1	6.32E+02		6.32E+02	0.90	1.80	5.70	10000	1000	1.59E+03	96%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T04-B	1	5.97E+02		5.97E+02	0.30	1.80	5.70					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T05-B	1	5.42E+02		5.42E+02	0.40	1.80	5.70					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T06-B	1	3.64E+02		3.64E+02	1.24	1.80	5.70					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T07-B	1	2.20E+02		2.20E+02	1.06	1.80	5.70					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T08-B	1	1.44E+02		1.44E+02	1.72	1.80	5.70					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T09-B	1	1.07E+02		1.07E+02	1.58	1.80	5.70					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T01-C	1	1.37E+03		1.37E+03	0.34	1.80	5.70					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T02-C	1	7.21E+02		7.21E+02	0.88	1.80	5.70					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T03-C	1	6.17E+02		6.17E+02	1.02	1.80	5.70	10000	1000	1.60E+03	98%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T04-C	1	5.93E+02		5.93E+02	1.12	1.80	5.70					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T05-C	1	5.43E+02		5.43E+02	0.53	1.80	5.70					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T06-C	1	3.61E+02		3.61E+02	0.48	1.80	5.70					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T07-C	1	2.24E+02		2.24E+02	0.25	1.80	5.70					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T08-C	1	1.48E+02		1.48E+02	1.17	1.80	5.70					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-T09-C	1	1.10E+02		1.10E+02	6.28	1.80	5.70					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Ni	CFS-L01-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	43.51	1.80	5.70					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L01-1314-T01-A	1	1.03E+02		1.03E+02	5.55	3.70	11.80					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T02-A	1	6.42E+01		6.42E+01	7.44	3.70	11.80					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T03-A	1	1.81E+01		1.81E+01	2.19	3.70	11.80	10000	1000	1.09E+03	107%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T04-A	1	4.69E+00	E	4.69E+00	26.24	3.70	11.80					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T05-A	1	1.33E+02		1.33E+02	6.29	3.70	11.80					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T06-A	1	9.95E+00	E	9.95E+00	5.86	3.70	11.80					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T07-A	1	4.19E+00	E	4.19E+00	20.65	3.70	11.80					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T08-A	1	1.85E+00	U1/2	1.85E+00	40.55	3.70	11.80					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T09-A	1	5.38E+00	E	5.38E+00	33.01	3.70	11.80					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T01-B	1	1.17E+02		1.17E+02	2.53	3.70	11.80					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T02-B	1	2.20E+01		2.20E+01	1.02	3.70	11.80					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T03-B	1	1.51E+01		1.51E+01	6.40	3.70	11.80	10000	1000	1.07E+03	106%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T04-B	1	9.50E+00	E	9.50E+00	33.68	3.70	11.80					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T05-B	1	4.00E+01		4.00E+01	3.30	3.70	11.80					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T06-B	1	1.85E+00	U1/2	1.85E+00	16.19	3.70	11.80					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T07-B	1	1.05E+01	E	1.05E+01	20.21	3.70	11.80					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T08-B	1	3.19E+01		3.19E+01	2.35	3.70	11.80					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T09-B	1	1.85E+00	U1/2	1.85E+00	48.73	3.70	11.80					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T01-C	1	9.55E+01		9.55E+01	5.69	3.70	11.80					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T02-C	1	2.15E+01		2.15E+01	3.81	3.70	11.80					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T03-C	1	6.06E+01		6.06E+01	13.72	3.70	11.80	10000	1000	1.11E+03	105%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T04-C	1	9.77E+01		9.77E+01	1.58	3.70	11.80					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T05-C	1	1.18E+01		1.18E+01	2.07	3.70	11.80					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T06-C	1	9.46E+00	E	9.46E+00	23.14	3.70	11.80					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T07-C	1	1.85E+00	U1/2	1.85E+00	47.95	3.70	11.80					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T08-C	1	1.40E+01		1.40E+01	2.04	3.70	11.80					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-T09-C	1	1.15E+01	E	1.15E+01	17.78	3.70	11.80					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
P	CFS-L01-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	53.52	3.70	11.80					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L01-1314-T01-A	1	1.45E+05		1.45E+05	0.89	1.60	5.09					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T02-A	1	5.76E+04		5.76E+04	0.20	1.60	5.09					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T03-A	1	3.33E+04		3.33E+04	0.64	1.60	5.09	10000	1000	3.42E+04	92%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T04-A	1	2.23E+04		2.23E+04	0.19	1.60	5.09					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T05-A	1	1.53E+04		1.53E+04	0.98	1.60	5.09					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T06-A	1	8.21E+03		8.21E+03	0.62	1.60	5.09					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T07-A	1	4.75E+03		4.75E+03	0.61	1.60	5.09					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T08-A	1	3.04E+03		3.04E+03	0.20	1.60	5.09					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T09-A	1	2.17E+03		2.17E+03	0.88	1.60	5.09					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T01-B	1	1.55E+05		1.55E+05	0.90	1.60	5.09					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T02-B	1	5.94E+04		5.94E+04	0.32	1.60	5.09					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T03-B	1	3.48E+04		3.48E+04	0.75	1.60	5.09	10000	1000	3.57E+04	92%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T04-B	1	2.43E+04		2.43E+04	0.93	1.60	5.09					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T05-B	1	1.74E+04		1.74E+04	0.40	1.60	5.09					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T06-B	1	8.80E+03		8.80E+03	0.97	1.60	5.09					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T07-B	1	5.03E+03		5.03E+03	0.45	1.60	5.09					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T08-B	1	3.24E+03		3.24E+03	0.55	1.60	5.09					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T09-B	1	2.44E+03		2.44E+03	0.59	1.60	5.09					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T01-C	1	1.55E+05		1.55E+05	0.11	1.60	5.09					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T02-C	1	5.87E+04		5.87E+04	0.99	1.60	5.09					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T03-C	1	3.49E+04		3.49E+04	0.26	1.60	5.09	10000	1000	3.59E+04	91%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T04-C	1	2.42E+04		2.42E+04	1.46	1.60	5.09					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T05-C	1	1.75E+04		1.75E+04	0.12	1.60	5.09					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T06-C	1	8.68E+03		8.68E+03	0.36	1.60	5.09					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T07-C	1	5.07E+03		5.07E+03	0.07	1.60	5.09					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T08-C	1	3.25E+03		3.25E+03	0.28	1.60	5.09					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-T09-C	1	2.46E+03		2.46E+03	5.28	1.60	5.09					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
K	CFS-L01-1314-B01-A	1	8.06E+00		8.06E+00	2.96	1.60	5.09					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L01-1314-T01-A	1	2.05E+03		2.05E+03	1.61	15.00	47.70					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T02-A	1	4.06E+02		4.06E+02	1.83	15.00	47.70					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T03-A	1	1.35E+02		1.35E+02	4.22	15.00	47.70	10000	1000	1.13E+03	100%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T04-A	1	5.91E+01		5.91E+01	1.27	15.00	47.70					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T05-A	1	4.70E+01	E	4.70E+01	21.60	15.00	47.70					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T06-A	1	3.95E+01	E	3.95E+01	23.24	15.00	47.70					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T07-A	1	2.39E+01	E	2.39E+01	10.98	15.00	47.70					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T08-A	1	1.68E+01	E	1.68E+01	17.07	15.00	47.70					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T09-A	1	2.25E+01	E	2.25E+01	25.02	15.00	47.70					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T01-B	1	2.26E+03		2.26E+03	0.85	15.00	47.70					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T02-B	1	4.02E+02		4.02E+02	2.58	15.00	47.70					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T03-B	1	1.46E+02		1.46E+02	7.35	15.00	47.70	10000	1000	1.09E+03	94%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T04-B	1	7.41E+01		7.41E+01	5.41	15.00	47.70					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T05-B	1	4.70E+01	E	4.70E+01	3.80	15.00	47.70					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T06-B	1	2.38E+01	E	2.38E+01	21.29	15.00	47.70					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T07-B	1	2.05E+01	E	2.05E+01	14.02	15.00	47.70					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T08-B	1	1.90E+01	E	1.90E+01	29.31	15.00	47.70					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T09-B	1	2.97E+01	E	2.97E+01	6.71	15.00	47.70					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T01-C	1	2.23E+03		2.23E+03	1.79	15.00	47.70					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T02-C	1	3.87E+02		3.87E+02	2.69	15.00	47.70					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T03-C	1	1.27E+02		1.27E+02	1.97	15.00	47.70	10000	1000	1.05E+03	93%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T04-C	1	6.89E+01		6.89E+01	14.73	15.00	47.70					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T05-C	1	3.65E+01	E	3.65E+01	9.13	15.00	47.70					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T06-C	1	3.39E+01	E	3.39E+01	15.64	15.00	47.70					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T07-C	1	3.73E+01	E	3.73E+01	6.83	15.00	47.70					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T08-C	1	3.43E+01	E	3.43E+01	12.88	15.00	47.70					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-T09-C	1	3.67E+01	E	3.67E+01	24.04	15.00	47.70					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Se	CFS-L01-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	46.35	15.00	47.70					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L01-1314-T01-A	1	8.98E+03		8.98E+03	0.61	1.10	3.50					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T02-A	1	7.93E+03		7.93E+03	0.51	1.10	3.50					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T03-A	1	7.68E+03		7.68E+03	0.60	1.10	3.50	10000	1000	8.60E+03	92%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T04-A	1	7.21E+03		7.21E+03	0.47	1.10	3.50					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T05-A	1	7.02E+03		7.02E+03	2.28	1.10	3.50					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T06-A	1	6.25E+03		6.25E+03	0.54	1.10	3.50					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T07-A	1	5.71E+03		5.71E+03	1.48	1.10	3.50					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T08-A	1	5.07E+03		5.07E+03	0.64	1.10	3.50					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T09-A	1	4.72E+03		4.72E+03	0.91	1.10	3.50					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T01-B	1	8.89E+03		8.89E+03	0.12	1.10	3.50					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T02-B	1	7.97E+03		7.97E+03	0.14	1.10	3.50					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T03-B	1	7.62E+03		7.62E+03	0.30	1.10	3.50	10000	1000	8.58E+03	96%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T04-B	1	7.35E+03		7.35E+03	0.65	1.10	3.50					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T05-B	1	7.00E+03		7.00E+03	0.84	1.10	3.50					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T06-B	1	6.31E+03		6.31E+03	1.37	1.10	3.50					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T07-B	1	5.83E+03		5.83E+03	0.64	1.10	3.50					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T08-B	1	5.24E+03		5.24E+03	0.85	1.10	3.50					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T09-B	1	5.05E+03		5.05E+03	0.91	1.10	3.50					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T01-C	1	8.63E+03		8.63E+03	0.56	1.10	3.50					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T02-C	1	7.86E+03		7.86E+03	0.47	1.10	3.50					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T03-C	1	7.51E+03		7.51E+03	0.71	1.10	3.50	10000	1000	8.45E+03	94%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T04-C	1	7.22E+03		7.22E+03	1.12	1.10	3.50					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T05-C	1	7.06E+03		7.06E+03	0.83	1.10	3.50					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T06-C	1	6.35E+03		6.35E+03	0.86	1.10	3.50					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T07-C	1	5.80E+03		5.80E+03	0.55	1.10	3.50					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T08-C	1	5.28E+03		5.28E+03	1.33	1.10	3.50					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-T09-C	1	5.09E+03		5.09E+03	3.60	1.10	3.50					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Si	CFS-L01-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	19.51	1.10	3.50					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L01-1314-T01-A	1	3.09E+05		3.09E+05	0.30	2.50	8.00					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T02-A	1	8.65E+04		8.65E+04	0.29	2.50	8.00					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T03-A	1	1.43E+04		1.43E+04	1.25	2.50	8.00	10000	1000	1.52E+04	91%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T04-A	1	5.52E+03		5.52E+03	0.67	2.50	8.00					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T05-A	1	3.32E+03		3.32E+03	1.37	2.50	8.00					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T06-A	1	2.28E+03		2.28E+03	0.41	2.50	8.00					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T07-A	1	1.50E+03		1.50E+03	0.44	2.50	8.00					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T08-A	1	1.13E+03		1.13E+03	0.87	2.50	8.00					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T09-A	1	9.08E+02		9.08E+02	0.96	2.50	8.00					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T01-B	1	3.21E+05		3.21E+05	0.36	2.50	8.00					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T02-B	1	8.11E+04		8.11E+04	0.37	2.50	8.00					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T03-B	1	1.37E+04		1.37E+04	0.92	2.50	8.00	10000	1000	1.46E+04	90%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T04-B	1	5.97E+03		5.97E+03	1.03	2.50	8.00					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T05-B	1	3.95E+03		3.95E+03	1.16	2.50	8.00					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T06-B	1	2.29E+03		2.29E+03	0.53	2.50	8.00					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T07-B	1	1.53E+03		1.53E+03	0.11	2.50	8.00					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T08-B	1	1.18E+03		1.18E+03	0.44	2.50	8.00					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T09-B	1	9.74E+02		9.74E+02	1.23	2.50	8.00					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T01-C	1	3.19E+05		3.19E+05	0.60	2.50	8.00					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T02-C	1	7.58E+04		7.58E+04	0.44	2.50	8.00					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T03-C	1	1.33E+04		1.33E+04	0.93	2.50	8.00	10000	1000	1.42E+04	91%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T04-C	1	5.92E+03		5.92E+03	0.53	2.50	8.00					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T05-C	1	3.82E+03		3.82E+03	0.06	2.50	8.00					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T06-C	1	2.23E+03		2.23E+03	0.35	2.50	8.00					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T07-C	1	1.57E+03		1.57E+03	0.48	2.50	8.00					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T08-C	1	1.21E+03		1.21E+03	0.61	2.50	8.00					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-T09-C	1	9.78E+02		9.78E+02	1.78	2.50	8.00					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Na	CFS-L01-1314-B01-A	1	1.25E+00	U1/2	1.25E+00	1.98	2.50	8.00					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L01-1314-T01-A	1	4.38E+03		4.38E+03	0.44	1.00	3.18					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T02-A	1	3.42E+03		3.42E+03	1.78	1.00	3.18					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T03-A	1	3.32E+03		3.32E+03	1.00	1.00	3.18	10000	1000	4.19E+03	87%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T04-A	1	3.01E+03		3.01E+03	0.64	1.00	3.18					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T05-A	1	2.66E+03		2.66E+03	2.43	1.00	3.18					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T06-A	1	2.11E+03		2.11E+03	1.11	1.00	3.18					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T07-A	1	1.80E+03		1.80E+03	1.19	1.00	3.18					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T08-A	1	1.58E+03		1.58E+03	0.71	1.00	3.18					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T09-A	1	1.45E+03		1.45E+03	0.78	1.00	3.18					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T01-B	1	4.53E+03		4.53E+03	1.55	1.00	3.18					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T02-B	1	3.53E+03		3.53E+03	0.89	1.00	3.18					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T03-B	1	3.50E+03		3.50E+03	0.64	1.00	3.18	10000	1000	4.41E+03	91%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T04-B	1	3.28E+03		3.28E+03	0.76	1.00	3.18					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T05-B	1	2.90E+03		2.90E+03	0.74	1.00	3.18					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T06-B	1	2.15E+03		2.15E+03	1.12	1.00	3.18					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T07-B	1	1.87E+03		1.87E+03	0.62	1.00	3.18					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T08-B	1	1.63E+03		1.63E+03	1.04	1.00	3.18					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T09-B	1	1.55E+03		1.55E+03	0.85	1.00	3.18					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T01-C	1	4.61E+03		4.61E+03	0.31	1.00	3.18					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T02-C	1	3.57E+03		3.57E+03	0.24	1.00	3.18					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T03-C	1	3.55E+03		3.55E+03	0.39	1.00	3.18	10000	1000	4.52E+03	97%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T04-C	1	3.36E+03		3.36E+03	0.48	1.00	3.18					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T05-C	1	2.94E+03		2.94E+03	0.86	1.00	3.18					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T06-C	1	2.14E+03		2.14E+03	1.18	1.00	3.18					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T07-C	1	1.86E+03		1.86E+03	0.50	1.00	3.18					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T08-C	1	1.64E+03		1.64E+03	1.02	1.00	3.18					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-T09-C	1	1.56E+03		1.56E+03	3.42	1.00	3.18					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Sr	CFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	30.90	1.00	3.18					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L01-1314-T01-A	1	2.45E+06		2.45E+06	0.48	6.80	21.60					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T02-A	1	1.09E+06		1.09E+06	0.59	6.80	21.60					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T03-A	1	7.05E+05		7.05E+05	0.51	6.80	21.60	10000	1000	7.06E+05	89%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T04-A	1	5.79E+05		5.79E+05	0.18	6.80	21.60					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T05-A	1	5.63E+05		5.63E+05	0.90	6.80	21.60					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T06-A	1	5.45E+05		5.45E+05	0.67	6.80	21.60					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T07-A	1	5.35E+05		5.35E+05	0.34	6.80	21.60					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T08-A	1	5.22E+05		5.22E+05	0.30	6.80	21.60					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T09-A	1	5.14E+05		5.14E+05	0.92	6.80	21.60					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T01-B	1	2.59E+06		2.59E+06	0.60	6.80	21.60					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T02-B	1	1.11E+06		1.11E+06	0.16	6.80	21.60					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T03-B	1	6.98E+05		6.98E+05	0.34	6.80	21.60	10000	1000	6.99E+05	85%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T04-B	1	5.89E+05		5.89E+05	0.95	6.80	21.60					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T05-B	1	5.54E+05		5.54E+05	0.45	6.80	21.60					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T06-B	1	5.45E+05		5.45E+05	0.83	6.80	21.60					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T07-B	1	5.36E+05		5.36E+05	0.22	6.80	21.60					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T08-B	1	5.24E+05		5.24E+05	0.26	6.80	21.60					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T09-B	1	5.28E+05		5.28E+05	0.40	6.80	21.60					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T01-C	1	2.58E+06		2.58E+06	0.42	6.80	21.60					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T02-C	1	1.09E+06		1.09E+06	0.72	6.80	21.60					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T03-C	1	6.99E+05		6.99E+05	0.63	6.80	21.60	10000	1000	7.00E+05	89%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T04-C	1	5.90E+05		5.90E+05	0.87	6.80	21.60					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T05-C	1	5.63E+05		5.63E+05	0.08	6.80	21.60					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T06-C	1	5.45E+05		5.45E+05	0.45	6.80	21.60					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T07-C	1	5.36E+05		5.36E+05	0.34	6.80	21.60					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T08-C	1	5.24E+05		5.24E+05	0.50	6.80	21.60					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-T09-C	1	5.34E+05		5.34E+05	5.02	6.80	21.60					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
S	CFS-L01-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	1.23	6.80	21.60					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L01-1314-T01-A	1	2.26E+03		2.26E+03	0.43	4.60	14.60					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T02-A	1	1.11E+03		1.11E+03	0.58	4.60	14.60					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T03-A	1	7.46E+02		7.46E+02	0.43	4.60	14.60	10000	1000	1.75E+03	100%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T04-A	1	5.39E+02		5.39E+02	1.07	4.60	14.60					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T05-A	1	4.16E+02		4.16E+02	0.75	4.60	14.60					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T06-A	1	2.74E+02		2.74E+02	0.23	4.60	14.60					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T07-A	1	1.89E+02		1.89E+02	0.94	4.60	14.60					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T08-A	1	1.42E+02		1.42E+02	1.67	4.60	14.60					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T09-A	1	1.24E+02		1.24E+02	3.51	4.60	14.60					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T01-B	1	2.40E+03		2.40E+03	0.67	4.60	14.60					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T02-B	1	1.14E+03		1.14E+03	1.04	4.60	14.60					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T03-B	1	7.64E+02		7.64E+02	0.56	4.60	14.60	10000	1000	1.75E+03	99%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T04-B	1	5.87E+02		5.87E+02	0.52	4.60	14.60					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T05-B	1	4.64E+02		4.64E+02	0.52	4.60	14.60					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T06-B	1	2.88E+02		2.88E+02	0.56	4.60	14.60					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T07-B	1	2.06E+02		2.06E+02	2.72	4.60	14.60					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T08-B	1	1.55E+02		1.55E+02	2.08	4.60	14.60					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T09-B	1	1.34E+02		1.34E+02	2.70	4.60	14.60					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T01-C	1	2.41E+03		2.41E+03	0.73	4.60	14.60					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T02-C	1	1.12E+03		1.12E+03	0.37	4.60	14.60					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T03-C	1	7.73E+02		7.73E+02	0.01	4.60	14.60	10000	1000	1.74E+03	97%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T04-C	1	5.85E+02		5.85E+02	1.58	4.60	14.60					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T05-C	1	4.67E+02		4.67E+02	0.25	4.60	14.60					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T06-C	1	2.81E+02		2.81E+02	1.00	4.60	14.60					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T07-C	1	2.00E+02		2.00E+02	2.14	4.60	14.60					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T08-C	1	1.52E+02		1.52E+02	0.75	4.60	14.60					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-T09-C	1	1.34E+02		1.34E+02	5.77	4.60	14.60					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Tl	CFS-L01-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	29.67	4.60	14.60					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L01-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	11.87	2.00	6.40					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	25.42	2.00	6.40					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	41.86	2.00	6.40	10000	1000	1.06E+03	106%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	45.99	2.00	6.40					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	20.25	2.00	6.40					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	75.70	2.00	6.40					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	15.34	2.00	6.40					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	6.78	2.00	6.40					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	55.42	2.00	6.40					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	46.27	2.00	6.40					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	67.50	2.00	6.40					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	60.14	2.00	6.40	10000	1000	1.09E+03	108%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	38.75	2.00	6.40					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	23.73	2.00	6.40					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	50.37	2.00	6.40					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	46.56	2.00	6.40					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	77.12	2.00	6.40					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	39.43	2.00	6.40					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	55.28	2.00	6.40					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	36.40	2.00	6.40					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	34.26	2.00	6.40	10000	1000	1.06E+03	106%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	29.62	2.00	6.40					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	36.82	2.00	6.40					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	54.16	2.00	6.40					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	42.91	2.00	6.40					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	17.22	2.00	6.40					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	50.75	2.00	6.40					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Ti	CFS-L01-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	24.89	2.00	6.40					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L01-1314-T01-A	1	2.62E+01		2.62E+01	7.37	1.50	4.77					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T02-A	1	2.88E+01		2.88E+01	2.06	1.50	4.77					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T03-A	1	3.13E+01		3.13E+01	0.82	1.50	4.77	10000	1000	1.04E+03	101%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T04-A	1	3.44E+01		3.44E+01	3.66	1.50	4.77					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T05-A	1	3.57E+01		3.57E+01	2.32	1.50	4.77					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T06-A	1	3.45E+01		3.45E+01	1.38	1.50	4.77					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T07-A	1	3.54E+01		3.54E+01	2.97	1.50	4.77					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T08-A	1	3.50E+01		3.50E+01	1.36	1.50	4.77					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T09-A	1	3.55E+01		3.55E+01	2.36	1.50	4.77					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T01-B	1	2.48E+01		2.48E+01	9.60	1.50	4.77					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T02-B	1	2.90E+01		2.90E+01	1.92	1.50	4.77					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T03-B	1	3.16E+01		3.16E+01	1.41	1.50	4.77	10000	1000	1.06E+03	103%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T04-B	1	3.34E+01		3.34E+01	1.21	1.50	4.77					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T05-B	1	3.43E+01		3.43E+01	1.53	1.50	4.77					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T06-B	1	3.42E+01		3.42E+01	0.34	1.50	4.77					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T07-B	1	3.55E+01		3.55E+01	4.11	1.50	4.77					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T08-B	1	3.48E+01		3.48E+01	3.05	1.50	4.77					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T09-B	1	3.56E+01		3.56E+01	0.45	1.50	4.77					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T01-C	1	2.64E+01		2.64E+01	2.02	1.50	4.77					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T02-C	1	2.86E+01		2.86E+01	1.88	1.50	4.77					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T03-C	1	3.15E+01		3.15E+01	4.54	1.50	4.77	10000	1000	1.05E+03	102%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T04-C	1	3.44E+01		3.44E+01	1.06	1.50	4.77					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T05-C	1	3.40E+01		3.40E+01	2.26	1.50	4.77					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T06-C	1	3.35E+01		3.35E+01	2.92	1.50	4.77					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T07-C	1	3.41E+01		3.41E+01	0.48	1.50	4.77					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T08-C	1	3.46E+01		3.46E+01	4.07	1.50	4.77					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-T09-C	1	3.67E+01		3.67E+01	7.39	1.50	4.77					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
V	CFS-L01-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	44.00	1.50	4.77					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L01-1314-T01-A	1	9.21E+04		9.21E+04	0.56	1.00	3.18					VU ICP-OES	10/6/11 3:17 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T02-A	1	6.21E+04		6.21E+04	0.92	1.00	3.18					VU ICP-OES	10/6/11 3:22 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T03-A	1	5.69E+04		5.69E+04	1.65	1.00	3.18	10000	1000	5.78E+04	93%	VU ICP-OES	10/6/11 3:27 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T04-A	1	5.40E+04		5.40E+04	0.76	1.00	3.18					VU ICP-OES	10/6/11 3:37 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T05-A	1	5.12E+04		5.12E+04	1.36	1.00	3.18					VU ICP-OES	10/6/11 3:42 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T06-A	1	3.96E+04		3.96E+04	0.19	1.00	3.18					VU ICP-OES	10/6/11 3:47 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T07-A	1	2.95E+04		2.95E+04	0.36	1.00	3.18					VU ICP-OES	10/6/11 3:52 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T08-A	1	2.07E+04		2.07E+04	0.87	1.00	3.18					VU ICP-OES	10/6/11 3:57 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T09-A	1	1.64E+04		1.64E+04	0.87	1.00	3.18					VU ICP-OES	10/6/11 4:02 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T01-B	1	9.42E+04		9.42E+04	1.42	1.00	3.18					VU ICP-OES	10/6/11 3:19 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T02-B	1	6.10E+04		6.10E+04	1.05	1.00	3.18					VU ICP-OES	10/6/11 3:24 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T03-B	1	5.51E+04		5.51E+04	0.77	1.00	3.18	10000	1000	5.60E+04	97%	VU ICP-OES	10/6/11 3:29 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T04-B	1	5.38E+04		5.38E+04	0.87	1.00	3.18					VU ICP-OES	10/6/11 3:38 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T05-B	1	5.08E+04		5.08E+04	0.89	1.00	3.18					VU ICP-OES	10/6/11 3:43 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T06-B	1	4.03E+04		4.03E+04	1.48	1.00	3.18					VU ICP-OES	10/6/11 3:48 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T07-B	1	3.06E+04		3.06E+04	0.60	1.00	3.18					VU ICP-OES	10/6/11 3:53 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T08-B	1	2.21E+04		2.21E+04	1.46	1.00	3.18					VU ICP-OES	10/6/11 3:58 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T09-B	1	1.83E+04		1.83E+04	1.80	1.00	3.18					VU ICP-OES	10/6/11 4:03 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T01-C	1	8.96E+04		8.96E+04	0.57	1.00	3.18					VU ICP-OES	10/6/11 3:20 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T02-C	1	5.80E+04		5.80E+04	0.76	1.00	3.18					VU ICP-OES	10/6/11 3:25 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T03-C	1	5.31E+04		5.31E+04	0.95	1.00	3.18	10000	1000	5.41E+04	95%	VU ICP-OES	10/6/11 3:30 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T04-C	1	5.23E+04		5.23E+04	0.86	1.00	3.18					VU ICP-OES	10/6/11 3:40 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T05-C	1	5.07E+04		5.07E+04	0.08	1.00	3.18					VU ICP-OES	10/6/11 3:45 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T06-C	1	3.97E+04		3.97E+04	1.10	1.00	3.18					VU ICP-OES	10/6/11 3:50 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T07-C	1	3.04E+04		3.04E+04	0.66	1.00	3.18					VU ICP-OES	10/6/11 3:55 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T08-C	1	2.22E+04		2.22E+04	0.71	1.00	3.18					VU ICP-OES	10/6/11 4:00 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-T09-C	1	1.87E+04		1.87E+04	4.38	1.00	3.18					VU ICP-OES	10/6/11 4:05 PM	EPA Interlab L01 1314 CFS
Zn	CFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	4.30	1.00	3.18					VU ICP-OES	10/6/11 3:12 PM	EPA Interlab L01 1314 CFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L06-1314-T01-A	1	4.98E+01		4.98E+01	5.64	1.00	3.18					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T02-A	1	4.42E+01		4.42E+01	3.16	1.00	3.18					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T03-A	1	3.93E+01		3.93E+01	0.47	1.00	3.18	10000	1000	1.05E+03	101%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T04-A	1	4.39E+01		4.39E+01	2.16	1.00	3.18					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T05-A	1	3.85E+01		3.85E+01	1.85	1.00	3.18					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T06-A	1	3.69E+01		3.69E+01	2.39	1.00	3.18					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T07-A	1	3.58E+01		3.58E+01	5.28	1.00	3.18					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T08-A	1	3.72E+01		3.72E+01	8.03	1.00	3.18					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T09-A	1	3.55E+01		3.55E+01	5.47	1.00	3.18					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T01-B	1	4.81E+01		4.81E+01	2.78	1.00	3.18					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T02-B	1	4.22E+01		4.22E+01	5.44	1.00	3.18					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T03-B	1	5.61E+01		5.61E+01	1.47	1.00	3.18	10000	1000	1.05E+03	100%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T04-B	1	3.91E+01		3.91E+01	4.86	1.00	3.18					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T05-B	1	3.84E+01		3.84E+01	4.74	1.00	3.18					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T06-B	1	3.87E+01		3.87E+01	5.41	1.00	3.18					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T07-B	1	4.18E+01		4.18E+01	3.16	1.00	3.18					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T08-B	1	3.85E+01		3.85E+01	2.87	1.00	3.18					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T09-B	1	3.69E+01		3.69E+01	3.57	1.00	3.18					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T01-C	1	4.95E+01		4.95E+01	1.75	1.00	3.18					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T02-C	1	4.04E+01		4.04E+01	4.47	1.00	3.18					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T03-C	1	3.92E+01		3.92E+01	5.48	1.00	3.18	10000	1000	1.06E+03	102%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T04-C	1	3.78E+01		3.78E+01	4.92	1.00	3.18					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T05-C	1	3.61E+01		3.61E+01	6.16	1.00	3.18					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T06-C	1	4.12E+01		4.12E+01	2.00	1.00	3.18					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T07-C	1	3.96E+01		3.96E+01	1.20	1.00	3.18					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T08-C	1	3.84E+01		3.84E+01	2.91	1.00	3.18					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-T09-C	1	4.70E+01		4.70E+01	3.39	1.00	3.18					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Al	CFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	35.79	1.00	3.18					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L06-1314-T01-A	1	7.15E+01		7.15E+01	4.43	7.50	23.90					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T02-A	1	4.29E+01		4.29E+01	8.92	7.50	23.90					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T03-A	1	3.36E+01		3.36E+01	12.08	7.50	23.90	10000	1000	1.12E+03	109%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T04-A	1	2.47E+01		2.47E+01	2.44	7.50	23.90					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T05-A	1	2.34E+01	E	2.34E+01	15.59	7.50	23.90					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T06-A	1	2.78E+01		2.78E+01	9.28	7.50	23.90					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T07-A	1	1.76E+01	E	1.76E+01	32.89	7.50	23.90					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T08-A	1	2.04E+01	E	2.04E+01	19.83	7.50	23.90					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T09-A	1	2.53E+01		2.53E+01	2.54	7.50	23.90					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T01-B	1	8.79E+01		8.79E+01	1.14	7.50	23.90					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T02-B	1	3.72E+01		3.72E+01	2.79	7.50	23.90					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T03-B	1	3.12E+01		3.12E+01	8.94	7.50	23.90	10000	1000	1.14E+03	111%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T04-B	1	3.76E+01		3.76E+01	7.53	7.50	23.90					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T05-B	1	2.37E+01	E	2.37E+01	4.32	7.50	23.90					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T06-B	1	2.91E+01		2.91E+01	5.93	7.50	23.90					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T07-B	1	1.82E+01	E	1.82E+01	31.41	7.50	23.90					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T08-B	1	2.49E+01		2.49E+01	11.12	7.50	23.90					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T09-B	1	1.67E+01	E	1.67E+01	4.55	7.50	23.90					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T01-C	1	7.55E+01		7.55E+01	8.23	7.50	23.90					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T02-C	1	4.07E+01		4.07E+01	1.29	7.50	23.90					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T03-C	1	2.30E+01	E	2.30E+01	17.29	7.50	23.90	10000	1000	1.12E+03	110%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T04-C	1	2.76E+01		2.76E+01	1.44	7.50	23.90					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T05-C	1	2.98E+01		2.98E+01	6.94	7.50	23.90					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T06-C	1	3.28E+01		3.28E+01	1.86	7.50	23.90					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T07-C	1	2.60E+01		2.60E+01	2.49	7.50	23.90					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T08-C	1	1.83E+01	E	1.83E+01	1.93	7.50	23.90					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-T09-C	1	2.02E+01	E	2.02E+01	9.20	7.50	23.90					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Sb	CFS-L06-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	91.82	7.50	23.90					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L06-1314-T01-A	1	4.95E+01		4.95E+01	1.47	11.00	35.00					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T02-A	1	1.69E+01	E	1.69E+01	29.59	11.00	35.00					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T03-A	1	5.50E+00	U1/2	5.50E+00	3.66	11.00	35.00	10000	1000	1.04E+03	104%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T04-A	1	5.50E+00	U1/2	5.50E+00	15.94	11.00	35.00					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T05-A	1	5.50E+00	U1/2	5.50E+00	11.12	11.00	35.00					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T06-A	1	5.50E+00	U1/2	5.50E+00	42.18	11.00	35.00					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T07-A	1	5.50E+00	U1/2	5.50E+00	22.69	11.00	35.00					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T08-A	1	5.50E+00	U1/2	5.50E+00	27.57	11.00	35.00					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T09-A	1	5.50E+00	U1/2	5.50E+00	52.86	11.00	35.00					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T01-B	1	6.24E+01		6.24E+01	1.59	11.00	35.00					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T02-B	1	1.24E+01	E	1.24E+01	32.16	11.00	35.00					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T03-B	1	5.50E+00	U1/2	5.50E+00	11.77	11.00	35.00	10000	1000	1.06E+03	105%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T04-B	1	5.50E+00	U1/2	5.50E+00	3.54	11.00	35.00					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T05-B	1	5.50E+00	U1/2	5.50E+00	41.39	11.00	35.00					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T06-B	1	5.50E+00	U1/2	5.50E+00	24.20	11.00	35.00					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T07-B	1	5.50E+00	U1/2	5.50E+00	40.09	11.00	35.00					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T08-B	1	5.50E+00	U1/2	5.50E+00	32.36	11.00	35.00					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T09-B	1	5.50E+00	U1/2	5.50E+00	24.27	11.00	35.00					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T01-C	1	5.90E+01		5.90E+01	5.60	11.00	35.00					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T02-C	1	2.00E+01	E	2.00E+01	16.20	11.00	35.00					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T03-C	1	1.55E+01	E	1.55E+01	8.71	11.00	35.00	10000	1000	1.05E+03	104%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T04-C	1	5.50E+00	U1/2	5.50E+00	36.14	11.00	35.00					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T05-C	1	5.50E+00	U1/2	5.50E+00	25.43	11.00	35.00					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T06-C	1	5.50E+00	U1/2	5.50E+00	12.01	11.00	35.00					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T07-C	1	5.50E+00	U1/2	5.50E+00	18.56	11.00	35.00					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T08-C	1	5.50E+00	U1/2	5.50E+00	45.44	11.00	35.00					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-T09-C	1	5.50E+00	U1/2	5.50E+00	49.63	11.00	35.00					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
As	CFS-L06-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	24.73	11.00	35.00					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L06-1314-T01-A	1	2.32E+03		2.32E+03	1.05	1.00	3.18					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T02-A	1	1.39E+03		1.39E+03	0.17	1.00	3.18					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T03-A	1	5.97E+02		5.97E+02	0.18	1.00	3.18	10000	1000	1.51E+03	91%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T04-A	1	3.12E+02		3.12E+02	0.89	1.00	3.18					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T05-A	1	1.94E+02		1.94E+02	1.03	1.00	3.18					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T06-A	1	1.16E+02		1.16E+02	3.14	1.00	3.18					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T07-A	1	7.16E+01		7.16E+01	4.21	1.00	3.18					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T08-A	1	5.23E+01		5.23E+01	0.96	1.00	3.18					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T09-A	1	5.15E+01		5.15E+01	2.07	1.00	3.18					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T01-B	1	2.54E+03		2.54E+03	0.30	1.00	3.18					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T02-B	1	1.36E+03		1.36E+03	0.23	1.00	3.18					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T03-B	1	5.67E+02		5.67E+02	0.27	1.00	3.18	10000	1000	1.50E+03	94%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T04-B	1	3.08E+02		3.08E+02	0.94	1.00	3.18					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T05-B	1	1.86E+02		1.86E+02	2.46	1.00	3.18					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T06-B	1	1.04E+02		1.04E+02	1.21	1.00	3.18					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T07-B	1	6.49E+01		6.49E+01	0.88	1.00	3.18					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T08-B	1	4.89E+01		4.89E+01	3.82	1.00	3.18					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T09-B	1	4.55E+01		4.55E+01	0.79	1.00	3.18					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T01-C	1	2.53E+03		2.53E+03	0.69	1.00	3.18					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T02-C	1	1.45E+03		1.45E+03	1.25	1.00	3.18					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T03-C	1	5.78E+02		5.78E+02	0.33	1.00	3.18	10000	1000	1.52E+03	94%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T04-C	1	2.92E+02		2.92E+02	1.15	1.00	3.18					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T05-C	1	1.88E+02		1.88E+02	0.66	1.00	3.18					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T06-C	1	1.12E+02		1.12E+02	0.86	1.00	3.18					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T07-C	1	7.11E+01		7.11E+01	0.24	1.00	3.18					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T08-C	1	5.26E+01		5.26E+01	2.41	1.00	3.18					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-T09-C	1	4.91E+01		4.91E+01	1.24	1.00	3.18					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
B	CFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	4.93	1.00	3.18					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L06-1314-T01-A	1	4.36E+01		4.36E+01	0.23	1.00	3.18					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T02-A	1	4.66E+01		4.66E+01	0.78	1.00	3.18					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T03-A	1	7.99E+01		7.99E+01	1.11	1.00	3.18	10000	1000	1.01E+03	93%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T04-A	1	9.54E+01		9.54E+01	0.99	1.00	3.18					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T05-A	1	8.58E+01		8.58E+01	0.80	1.00	3.18					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T06-A	1	9.01E+01		9.01E+01	1.32	1.00	3.18					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T07-A	1	1.01E+02		1.01E+02	4.32	1.00	3.18					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T08-A	1	1.02E+02		1.02E+02	1.51	1.00	3.18					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T09-A	1	1.03E+02		1.03E+02	1.11	1.00	3.18					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T01-B	1	4.12E+01		4.12E+01	0.36	1.00	3.18					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T02-B	1	4.66E+01		4.66E+01	0.44	1.00	3.18					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T03-B	1	7.36E+01		7.36E+01	1.93	1.00	3.18	10000	1000	1.04E+03	96%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T04-B	1	9.13E+01		9.13E+01	1.22	1.00	3.18					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T05-B	1	8.48E+01		8.48E+01	5.01	1.00	3.18					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T06-B	1	8.91E+01		8.91E+01	0.41	1.00	3.18					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T07-B	1	1.00E+02		1.00E+02	0.93	1.00	3.18					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T08-B	1	1.04E+02		1.04E+02	3.13	1.00	3.18					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T09-B	1	1.13E+02		1.13E+02	0.66	1.00	3.18					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T01-C	1	4.43E+01		4.43E+01	0.33	1.00	3.18					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T02-C	1	4.81E+01		4.81E+01	0.59	1.00	3.18					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T03-C	1	7.73E+01		7.73E+01	0.25	1.00	3.18	10000	1000	1.06E+03	98%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T04-C	1	8.64E+01		8.64E+01	0.97	1.00	3.18					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T05-C	1	8.28E+01		8.28E+01	0.56	1.00	3.18					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T06-C	1	9.09E+01		9.09E+01	0.54	1.00	3.18					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T07-C	1	9.29E+01		9.29E+01	1.26	1.00	3.18					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T08-C	1	1.00E+02		1.00E+02	0.83	1.00	3.18					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-T09-C	1	1.10E+02		1.10E+02	1.50	1.00	3.18					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Ba	CFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	36.71	1.00	3.18					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L06-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	17.81	1.90	6.00					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	15.67	1.90	6.00					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	27.51	1.90	6.00	10000	1000	1.12E+03	112%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	12.48	1.90	6.00					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	45.88	1.90	6.00					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	31.01	1.90	6.00					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	50.73	1.90	6.00					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	26.79	1.90	6.00					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	54.80	1.90	6.00					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	19.43	1.90	6.00					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	16.62	1.90	6.00					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	34.75	1.90	6.00	10000	1000	1.13E+03	113%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	21.38	1.90	6.00					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	15.66	1.90	6.00					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	22.49	1.90	6.00					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	51.24	1.90	6.00					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	21.97	1.90	6.00					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	6.24	1.90	6.00					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	26.69	1.90	6.00					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	59.51	1.90	6.00					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	25.80	1.90	6.00	10000	1000	1.11E+03	111%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	42.04	1.90	6.00					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	27.32	1.90	6.00					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	17.58	1.90	6.00					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	25.20	1.90	6.00					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	40.88	1.90	6.00					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	52.14	1.90	6.00					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Be	CFS-L06-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	12.06	1.90	6.00					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L06-1314-T01-A	1	1.64E+04		1.64E+04	0.63	2.20	7.00					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T02-A	1	9.24E+03		9.24E+03	0.09	2.20	7.00					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T03-A	1	8.36E+03		8.36E+03	0.36	2.20	7.00	10000	1000	9.31E+03	95%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T04-A	1	8.36E+03		8.36E+03	0.87	2.20	7.00					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T05-A	1	8.02E+03		8.02E+03	0.55	2.20	7.00					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T06-A	1	6.54E+03		6.54E+03	1.12	2.20	7.00					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T07-A	1	5.27E+03		5.27E+03	3.81	2.20	7.00					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T08-A	1	4.06E+03		4.06E+03	1.20	2.20	7.00					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T09-A	1	3.40E+03		3.40E+03	0.43	2.20	7.00					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T01-B	1	1.89E+04		1.89E+04	0.21	2.20	7.00					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T02-B	1	9.47E+03		9.47E+03	0.46	2.20	7.00					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T03-B	1	8.34E+03		8.34E+03	0.56	2.20	7.00	10000	1000	9.31E+03	97%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T04-B	1	8.68E+03		8.68E+03	1.18	2.20	7.00					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T05-B	1	8.40E+03		8.40E+03	2.84	2.20	7.00					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T06-B	1	6.59E+03		6.59E+03	0.87	2.20	7.00					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T07-B	1	5.13E+03		5.13E+03	0.73	2.20	7.00					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T08-B	1	4.01E+03		4.01E+03	2.41	2.20	7.00					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T09-B	1	3.31E+03		3.31E+03	0.24	2.20	7.00					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T01-C	1	1.70E+04		1.70E+04	0.23	2.20	7.00					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T02-C	1	9.33E+03		9.33E+03	1.08	2.20	7.00					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T03-C	1	8.37E+03		8.37E+03	0.65	2.20	7.00	10000	1000	9.33E+03	96%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T04-C	1	8.50E+03		8.50E+03	0.81	2.20	7.00					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T05-C	1	8.61E+03		8.61E+03	0.50	2.20	7.00					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T06-C	1	6.91E+03		6.91E+03	0.64	2.20	7.00					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T07-C	1	5.51E+03		5.51E+03	0.94	2.20	7.00					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T08-C	1	4.30E+03		4.30E+03	0.89	2.20	7.00					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-T09-C	1	3.54E+03		3.54E+03	0.42	2.20	7.00					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Cd	CFS-L06-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	28.64	2.20	7.00					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L06-1314-T01-A	1	4.64E+05		4.64E+05	0.56	2.60	8.30					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T02-A	1	5.18E+05		5.18E+05	0.30	2.60	8.30					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T03-A	1	5.70E+05		5.70E+05	0.70	2.60	8.30	10000	1000	5.71E+05	86%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T04-A	1	6.07E+05		6.07E+05	1.15	2.60	8.30					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T05-A	1	6.03E+05		6.03E+05	0.86	2.60	8.30					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T06-A	1	6.01E+05		6.01E+05	1.03	2.60	8.30					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T07-A	1	6.14E+05		6.14E+05	3.07	2.60	8.30					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T08-A	1	6.09E+05		6.09E+05	1.36	2.60	8.30					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T09-A	1	6.18E+05		6.18E+05	0.46	2.60	8.30					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T01-B	1	4.76E+05		4.76E+05	0.09	2.60	8.30					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T02-B	1	5.15E+05		5.15E+05	0.50	2.60	8.30					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T03-B	1	5.69E+05		5.69E+05	0.61	2.60	8.30	10000	1000	5.70E+05	88%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T04-B	1	6.05E+05		6.05E+05	1.00	2.60	8.30					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T05-B	1	6.03E+05		6.03E+05	2.52	2.60	8.30					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T06-B	1	6.08E+05		6.08E+05	0.60	2.60	8.30					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T07-B	1	6.10E+05		6.10E+05	0.60	2.60	8.30					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T08-B	1	6.17E+05		6.17E+05	2.04	2.60	8.30					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T09-B	1	6.19E+05		6.19E+05	0.35	2.60	8.30					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T01-C	1	4.65E+05		4.65E+05	0.50	2.60	8.30					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T02-C	1	5.22E+05		5.22E+05	1.08	2.60	8.30					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T03-C	1	5.66E+05		5.66E+05	0.54	2.60	8.30	10000	1000	5.67E+05	88%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T04-C	1	5.93E+05		5.93E+05	0.45	2.60	8.30					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T05-C	1	6.01E+05		6.01E+05	0.80	2.60	8.30					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T06-C	1	6.04E+05		6.04E+05	1.18	2.60	8.30					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T07-C	1	6.11E+05		6.11E+05	1.07	2.60	8.30					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T08-C	1	6.20E+05		6.20E+05	1.14	2.60	8.30					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-T09-C	1	6.12E+05		6.12E+05	0.72	2.60	8.30					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Ca	CFS-L06-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	28.32	2.60	8.30					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L06-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	36.82	1.20	3.82					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	75.26	1.20	3.82					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	36.21	1.20	3.82	10000	1000	9.92E+02	99%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	36.55	1.20	3.82					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	24.97	1.20	3.82					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	21.75	1.20	3.82					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	30.54	1.20	3.82					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	26.47	1.20	3.82					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	41.12	1.20	3.82					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	47.99	1.20	3.82					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	70.99	1.20	3.82					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	39.68	1.20	3.82	10000	1000	9.83E+02	98%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	23.09	1.20	3.82					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	36.76	1.20	3.82					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	74.45	1.20	3.82					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	35.83	1.20	3.82					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	9.72	1.20	3.82					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	39.26	1.20	3.82					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	44.67	1.20	3.82					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	72.77	1.20	3.82					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	74.30	1.20	3.82	10000	1000	9.81E+02	98%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	34.30	1.20	3.82					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	33.46	1.20	3.82					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	63.98	1.20	3.82					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	48.86	1.20	3.82					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	84.53	1.20	3.82					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	24.67	1.20	3.82					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Cr	CFS-L06-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	28.98	1.20	3.82					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L06-1314-T01-A	1	7.25E+02		7.25E+02	1.31	1.80	5.72					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T02-A	1	3.58E+02		3.58E+02	0.70	1.80	5.72					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T03-A	1	2.94E+02		2.94E+02	0.60	1.80	5.72	10000	1000	1.39E+03	110%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T04-A	1	2.72E+02		2.72E+02	1.47	1.80	5.72					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T05-A	1	2.35E+02		2.35E+02	0.22	1.80	5.72					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T06-A	1	1.23E+02		1.23E+02	1.82	1.80	5.72					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T07-A	1	6.33E+01		6.33E+01	4.10	1.80	5.72					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T08-A	1	4.10E+01		4.10E+01	0.79	1.80	5.72					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T09-A	1	3.25E+01		3.25E+01	0.65	1.80	5.72					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T01-B	1	8.16E+02		8.16E+02	0.63	1.80	5.72					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T02-B	1	3.52E+02		3.52E+02	0.39	1.80	5.72					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T03-B	1	2.90E+02		2.90E+02	0.69	1.80	5.72	10000	1000	1.32E+03	103%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T04-B	1	2.86E+02		2.86E+02	0.99	1.80	5.72					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T05-B	1	2.47E+02		2.47E+02	3.32	1.80	5.72					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T06-B	1	1.10E+02		1.10E+02	1.12	1.80	5.72					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T07-B	1	5.67E+01		5.67E+01	0.14	1.80	5.72					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T08-B	1	3.71E+01		3.71E+01	2.65	1.80	5.72					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T09-B	1	2.99E+01		2.99E+01	4.48	1.80	5.72					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T01-C	1	7.19E+02		7.19E+02	0.90	1.80	5.72					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T02-C	1	3.57E+02		3.57E+02	1.13	1.80	5.72					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T03-C	1	2.98E+02		2.98E+02	0.34	1.80	5.72	10000	1000	1.37E+03	107%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T04-C	1	2.93E+02		2.93E+02	1.23	1.80	5.72					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T05-C	1	2.64E+02		2.64E+02	0.57	1.80	5.72					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T06-C	1	1.24E+02		1.24E+02	1.14	1.80	5.72					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T07-C	1	6.50E+01		6.50E+01	2.62	1.80	5.72					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T08-C	1	4.20E+01		4.20E+01	1.55	1.80	5.72					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-T09-C	1	3.37E+01		3.37E+01	1.59	1.80	5.72					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Co	CFS-L06-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	44.77	1.80	5.72					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L06-1314-T01-A	1	2.86E+03		2.86E+03	0.11	3.70	11.80					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T02-A	1	2.00E+03		2.00E+03	1.76	3.70	11.80					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T03-A	1	1.76E+03		1.76E+03	0.64	3.70	11.80	10000	1000	2.81E+03	105%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T04-A	1	1.89E+03		1.89E+03	1.26	3.70	11.80					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T05-A	1	1.80E+03		1.80E+03	0.53	3.70	11.80					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T06-A	1	1.39E+03		1.39E+03	0.73	3.70	11.80					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T07-A	1	1.14E+03		1.14E+03	2.92	3.70	11.80					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T08-A	1	8.98E+02		8.98E+02	0.95	3.70	11.80					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T09-A	1	7.83E+02		7.83E+02	0.93	3.70	11.80					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T01-B	1	3.40E+03		3.40E+03	1.34	3.70	11.80					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T02-B	1	2.07E+03		2.07E+03	1.17	3.70	11.80					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T03-B	1	1.71E+03		1.71E+03	0.70	3.70	11.80	10000	1000	2.66E+03	95%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T04-B	1	1.99E+03		1.99E+03	1.09	3.70	11.80					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T05-B	1	1.92E+03		1.92E+03	1.65	3.70	11.80					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T06-B	1	1.44E+03		1.44E+03	0.95	3.70	11.80					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T07-B	1	1.15E+03		1.15E+03	0.39	3.70	11.80					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T08-B	1	9.29E+02		9.29E+02	1.92	3.70	11.80					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T09-B	1	7.89E+02		7.89E+02	0.53	3.70	11.80					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T01-C	1	2.83E+03		2.83E+03	0.51	3.70	11.80					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T02-C	1	1.94E+03		1.94E+03	1.78	3.70	11.80					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T03-C	1	1.65E+03		1.65E+03	0.59	3.70	11.80	10000	1000	2.64E+03	99%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T04-C	1	1.83E+03		1.83E+03	1.07	3.70	11.80					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T05-C	1	1.80E+03		1.80E+03	0.97	3.70	11.80					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T06-C	1	1.39E+03		1.39E+03	1.45	3.70	11.80					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T07-C	1	1.16E+03		1.16E+03	1.73	3.70	11.80					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T08-C	1	9.53E+02		9.53E+02	2.09	3.70	11.80					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-T09-C	1	8.11E+02		8.11E+02	0.64	3.70	11.80					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Cu	CFS-L06-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	46.72	3.70	11.80					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L06-1314-T01-A	1	3.72E+00	E	3.72E+00	10.02	2.00	6.40					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	24.56	2.00	6.40					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	12.68	2.00	6.40	10000	1000	9.73E+02	97%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	35.65	2.00	6.40					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T05-A	1	8.23E+00		8.23E+00	2.65	2.00	6.40					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	24.44	2.00	6.40					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	10.73	2.00	6.40					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T08-A	1	2.61E+01		2.61E+01	1.25	2.00	6.40					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	13.72	2.00	6.40					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	25.61	2.00	6.40					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T02-B	1	2.53E+00	E	2.53E+00	13.56	2.00	6.40					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	24.02	2.00	6.40	10000	1000	9.53E+02	95%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	15.33	2.00	6.40					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	20.84	2.00	6.40					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	11.43	2.00	6.40					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	14.85	2.00	6.40					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	15.14	2.00	6.40					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	13.05	2.00	6.40					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	11.67	2.00	6.40					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	11.26	2.00	6.40					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T03-C	1	3.46E+00	E	3.46E+00	5.81	2.00	6.40	10000	1000	9.61E+02	96%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	7.52	2.00	6.40					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	1.18	2.00	6.40					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	20.73	2.00	6.40					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	5.49	2.00	6.40					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	27.05	2.00	6.40					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	3.84	2.00	6.40					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Fe	CFS-L06-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	12.74	2.00	6.40					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L06-1314-T01-A	1	6.92E+02		6.92E+02	0.34	6.80	21.60					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T02-A	1	7.74E+02		7.74E+02	0.92	6.80	21.60					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T03-A	1	9.01E+02		9.01E+02	0.72	6.80	21.60	10000	1000	1.89E+03	99%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T04-A	1	1.06E+03		1.06E+03	1.47	6.80	21.60					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T05-A	1	1.10E+03		1.10E+03	0.55	6.80	21.60					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T06-A	1	1.01E+03		1.01E+03	1.17	6.80	21.60					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T07-A	1	9.55E+02		9.55E+02	3.21	6.80	21.60					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T08-A	1	8.61E+02		8.61E+02	1.45	6.80	21.60					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T09-A	1	9.01E+02		9.01E+02	0.62	6.80	21.60					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T01-B	1	7.93E+02		7.93E+02	0.45	6.80	21.60					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T02-B	1	6.74E+02		6.74E+02	0.24	6.80	21.60					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T03-B	1	8.42E+02		8.42E+02	0.55	6.80	21.60	10000	1000	1.91E+03	106%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T04-B	1	1.04E+03		1.04E+03	1.61	6.80	21.60					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T05-B	1	1.09E+03		1.09E+03	2.58	6.80	21.60					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T06-B	1	9.92E+02		9.92E+02	0.75	6.80	21.60					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T07-B	1	9.27E+02		9.27E+02	0.56	6.80	21.60					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T08-B	1	8.71E+02		8.71E+02	2.56	6.80	21.60					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T09-B	1	9.00E+02		9.00E+02	0.39	6.80	21.60					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T01-C	1	6.98E+02		6.98E+02	0.90	6.80	21.60					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T02-C	1	7.79E+02		7.79E+02	1.09	6.80	21.60					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T03-C	1	8.88E+02		8.88E+02	0.32	6.80	21.60	10000	1000	1.83E+03	94%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T04-C	1	1.07E+03		1.07E+03	0.41	6.80	21.60					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T05-C	1	1.12E+03		1.12E+03	0.57	6.80	21.60					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T06-C	1	1.02E+03		1.02E+03	0.88	6.80	21.60					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T07-C	1	9.67E+02		9.67E+02	1.29	6.80	21.60					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T08-C	1	9.09E+02		9.09E+02	1.18	6.80	21.60					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-T09-C	1	9.18E+02		9.18E+02	0.71	6.80	21.60					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Pb	CFS-L06-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	17.14	6.80	21.60					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L06-1314-T01-A	1	3.47E+01		3.47E+01	5.95	1.90	6.00					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T02-A	1	7.28E+00		7.28E+00	2.67	1.90	6.00					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T03-A	1	1.07E+01		1.07E+01	5.83	1.90	6.00	10000	1000	1.05E+03	104%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T04-A	1	1.48E+01		1.48E+01	2.24	1.90	6.00					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T05-A	1	1.12E+01		1.12E+01	1.66	1.90	6.00					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T06-A	1	1.37E+01		1.37E+01	2.88	1.90	6.00					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T07-A	1	1.07E+01		1.07E+01	2.37	1.90	6.00					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T08-A	1	1.23E+01		1.23E+01	9.74	1.90	6.00					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T09-A	1	1.23E+01		1.23E+01	7.76	1.90	6.00					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T01-B	1	4.53E+01		4.53E+01	11.76	1.90	6.00					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T02-B	1	7.72E+00		7.72E+00	8.01	1.90	6.00					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T03-B	1	1.08E+01		1.08E+01	2.30	1.90	6.00	10000	1000	1.05E+03	104%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T04-B	1	1.32E+01		1.32E+01	9.30	1.90	6.00					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T05-B	1	1.50E+01		1.50E+01	6.96	1.90	6.00					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T06-B	1	1.06E+01		1.06E+01	2.28	1.90	6.00					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T07-B	1	1.28E+01		1.28E+01	5.45	1.90	6.00					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T08-B	1	1.19E+01		1.19E+01	4.91	1.90	6.00					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T09-B	1	1.28E+01		1.28E+01	1.11	1.90	6.00					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T01-C	1	3.87E+01		3.87E+01	1.21	1.90	6.00					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T02-C	1	6.29E+00		6.29E+00	1.51	1.90	6.00					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T03-C	1	1.09E+01		1.09E+01	1.87	1.90	6.00	10000	1000	1.03E+03	102%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T04-C	1	1.28E+01		1.28E+01	11.66	1.90	6.00					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T05-C	1	1.30E+01		1.30E+01	9.65	1.90	6.00					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T06-C	1	1.01E+01		1.01E+01	4.32	1.90	6.00					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T07-C	1	1.20E+01		1.20E+01	9.17	1.90	6.00					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T08-C	1	1.57E+01		1.57E+01	2.52	1.90	6.00					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-T09-C	1	1.24E+01		1.24E+01	3.71	1.90	6.00					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Li	CFS-L06-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	12.08	1.90	6.00					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L06-1314-T01-A	1	1.99E+04		1.99E+04	0.57	2.00	6.40					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T02-A	1	8.34E+03		8.34E+03	0.10	2.00	6.40					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T03-A	1	5.79E+03		5.79E+03	0.05	2.00	6.40	10000	1000	6.76E+03	96%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T04-A	1	4.16E+03		4.16E+03	1.92	2.00	6.40					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T05-A	1	2.31E+03		2.31E+03	1.35	2.00	6.40					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T06-A	1	8.40E+02		8.40E+02	1.59	2.00	6.40					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T07-A	1	5.07E+02		5.07E+02	1.03	2.00	6.40					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T08-A	1	3.71E+02		3.71E+02	0.75	2.00	6.40					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T09-A	1	3.71E+02		3.71E+02	0.56	2.00	6.40					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T01-B	1	2.18E+04		2.18E+04	0.57	2.00	6.40					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T02-B	1	8.02E+03		8.02E+03	0.80	2.00	6.40					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T03-B	1	5.76E+03		5.76E+03	0.43	2.00	6.40	10000	1000	6.74E+03	99%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T04-B	1	4.28E+03		4.28E+03	1.26	2.00	6.40					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T05-B	1	2.09E+03		2.09E+03	1.79	2.00	6.40					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T06-B	1	7.41E+02		7.41E+02	0.77	2.00	6.40					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T07-B	1	4.52E+02		4.52E+02	1.04	2.00	6.40					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T08-B	1	3.30E+02		3.30E+02	2.14	2.00	6.40					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T09-B	1	3.31E+02		3.31E+02	0.89	2.00	6.40					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T01-C	1	2.02E+04		2.02E+04	0.18	2.00	6.40					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T02-C	1	8.76E+03		8.76E+03	1.07	2.00	6.40					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T03-C	1	6.17E+03		6.17E+03	1.14	2.00	6.40	10000	1000	7.07E+03	90%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T04-C	1	4.33E+03		4.33E+03	1.04	2.00	6.40					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T05-C	1	2.10E+03		2.10E+03	0.66	2.00	6.40					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T06-C	1	8.24E+02		8.24E+02	1.59	2.00	6.40					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T07-C	1	5.17E+02		5.17E+02	1.08	2.00	6.40					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T08-C	1	3.74E+02		3.74E+02	1.36	2.00	6.40					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-T09-C	1	3.66E+02		3.66E+02	1.08	2.00	6.40					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Mn	CFS-L06-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	23.23	2.00	6.40					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L06-1314-T01-A	1	2.06E+06		2.06E+06	0.57	1.00	3.18					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T02-A	1	4.17E+05		4.17E+05	1.23	1.00	3.18					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T03-A	1	1.28E+05		1.28E+05	0.59	1.00	3.18	10000	1000	1.29E+05	87%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T04-A	1	3.88E+04		3.88E+04	0.97	1.00	3.18					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T05-A	1	2.22E+04		2.22E+04	0.23	1.00	3.18					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T06-A	1	1.60E+04		1.60E+04	1.12	1.00	3.18					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T07-A	1	1.02E+04		1.02E+04	1.84	1.00	3.18					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T08-A	1	7.08E+03		7.08E+03	1.07	1.00	3.18					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T09-A	1	6.32E+03		6.32E+03	0.22	1.00	3.18					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T01-B	1	2.30E+06		2.30E+06	0.69	1.00	3.18					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T02-B	1	4.19E+05		4.19E+05	0.39	1.00	3.18					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T03-B	1	1.21E+05		1.21E+05	0.66	1.00	3.18	10000	1000	1.22E+05	95%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T04-B	1	3.50E+04		3.50E+04	1.15	1.00	3.18					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T05-B	1	2.03E+04		2.03E+04	4.00	1.00	3.18					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T06-B	1	1.41E+04		1.41E+04	0.79	1.00	3.18					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T07-B	1	8.35E+03		8.35E+03	1.03	1.00	3.18					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T08-B	1	6.13E+03		6.13E+03	2.59	1.00	3.18					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T09-B	1	5.31E+03		5.31E+03	0.39	1.00	3.18					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T01-C	1	2.14E+06		2.14E+06	1.04	1.00	3.18					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T02-C	1	4.21E+05		4.21E+05	2.22	1.00	3.18					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T03-C	1	1.19E+05		1.19E+05	1.36	1.00	3.18	10000	1000	1.20E+05	93%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T04-C	1	3.22E+04		3.22E+04	1.04	1.00	3.18					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T05-C	1	2.07E+04		2.07E+04	1.22	1.00	3.18					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T06-C	1	1.54E+04		1.54E+04	0.59	1.00	3.18					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T07-C	1	9.47E+03		9.47E+03	1.58	1.00	3.18					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T08-C	1	6.83E+03		6.83E+03	0.64	1.00	3.18					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-T09-C	1	6.19E+03		6.19E+03	1.20	1.00	3.18					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Mg	CFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	17.52	1.00	3.18					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L06-1314-T01-A	1	2.70E+01		2.70E+01	0.89	1.20	3.82					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T02-A	1	1.08E+01		1.08E+01	1.38	1.20	3.82					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T03-A	1	7.86E+00		7.86E+00	7.16	1.20	3.82	10000	1000	1.03E+03	102%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T04-A	1	5.65E+00		5.65E+00	13.49	1.20	3.82					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T05-A	1	6.11E+00		6.11E+00	2.19	1.20	3.82					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T06-A	1	6.80E+00		6.80E+00	2.68	1.20	3.82					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T07-A	1	6.39E+00		6.39E+00	0.31	1.20	3.82					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T08-A	1	6.14E+00		6.14E+00	3.79	1.20	3.82					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T09-A	1	6.33E+00		6.33E+00	8.40	1.20	3.82					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T01-B	1	2.64E+01		2.64E+01	12.44	1.20	3.82					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T02-B	1	1.10E+01		1.10E+01	9.00	1.20	3.82					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T03-B	1	6.85E+00		6.85E+00	9.15	1.20	3.82	10000	1000	1.01E+03	100%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T04-B	1	7.05E+00		7.05E+00	2.18	1.20	3.82					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T05-B	1	5.94E+00		5.94E+00	2.87	1.20	3.82					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T06-B	1	6.10E+00		6.10E+00	2.12	1.20	3.82					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T07-B	1	5.22E+00		5.22E+00	1.28	1.20	3.82					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T08-B	1	5.08E+00		5.08E+00	1.94	1.20	3.82					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T09-B	1	6.12E+00		6.12E+00	3.51	1.20	3.82					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T01-C	1	2.39E+01		2.39E+01	5.97	1.20	3.82					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T02-C	1	9.40E+00		9.40E+00	3.29	1.20	3.82					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T03-C	1	6.83E+00		6.83E+00	1.14	1.20	3.82	10000	1000	1.04E+03	103%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T04-C	1	6.15E+00		6.15E+00	2.34	1.20	3.82					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T05-C	1	5.85E+00		5.85E+00	2.36	1.20	3.82					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T06-C	1	5.65E+00		5.65E+00	7.78	1.20	3.82					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T07-C	1	6.17E+00		6.17E+00	5.11	1.20	3.82					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T08-C	1	6.95E+00		6.95E+00	7.83	1.20	3.82					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-T09-C	1	6.09E+00		6.09E+00	1.27	1.20	3.82					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Mo	CFS-L06-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	12.51	1.20	3.82					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L06-1314-T01-A	1	1.01E+03		1.01E+03	0.34	1.80	5.70					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T02-A	1	5.20E+02		5.20E+02	0.36	1.80	5.70					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T03-A	1	4.41E+02		4.41E+02	0.79	1.80	5.70	10000	1000	1.42E+03	98%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T04-A	1	4.25E+02		4.25E+02	0.98	1.80	5.70					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T05-A	1	3.89E+02		3.89E+02	0.68	1.80	5.70					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T06-A	1	2.55E+02		2.55E+02	1.31	1.80	5.70					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T07-A	1	1.62E+02		1.62E+02	4.40	1.80	5.70					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T08-A	1	1.02E+02		1.02E+02	1.61	1.80	5.70					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T09-A	1	8.22E+01		8.22E+01	1.01	1.80	5.70					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T01-B	1	1.16E+03		1.16E+03	0.42	1.80	5.70					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T02-B	1	5.25E+02		5.25E+02	0.18	1.80	5.70					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T03-B	1	4.39E+02		4.39E+02	0.29	1.80	5.70	10000	1000	1.38E+03	94%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T04-B	1	4.47E+02		4.47E+02	1.41	1.80	5.70					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T05-B	1	4.14E+02		4.14E+02	2.33	1.80	5.70					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T06-B	1	2.47E+02		2.47E+02	1.16	1.80	5.70					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T07-B	1	1.45E+02		1.45E+02	1.71	1.80	5.70					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T08-B	1	9.79E+01		9.79E+01	0.94	1.80	5.70					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T09-B	1	7.66E+01		7.66E+01	2.66	1.80	5.70					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T01-C	1	9.94E+02		9.94E+02	0.24	1.80	5.70					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T02-C	1	5.13E+02		5.13E+02	1.47	1.80	5.70					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T03-C	1	4.42E+02		4.42E+02	0.50	1.80	5.70	10000	1000	1.38E+03	94%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T04-C	1	4.40E+02		4.40E+02	0.53	1.80	5.70					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T05-C	1	4.34E+02		4.34E+02	0.28	1.80	5.70					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T06-C	1	2.69E+02		2.69E+02	1.52	1.80	5.70					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T07-C	1	1.65E+02		1.65E+02	1.47	1.80	5.70					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T08-C	1	1.10E+02		1.10E+02	2.36	1.80	5.70					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-T09-C	1	8.40E+01		8.40E+01	1.45	1.80	5.70					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Ni	CFS-L06-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	48.06	1.80	5.70					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L06-1314-T01-A	1	4.21E+01		4.21E+01	1.64	3.70	11.80					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T02-A	1	1.34E+01		1.34E+01	4.99	3.70	11.80					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T03-A	1	7.17E+00	E	7.17E+00	13.45	3.70	11.80	10000	1000	1.07E+03	106%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T04-A	1	1.85E+00	U1/2	1.85E+00	10.05	3.70	11.80					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T05-A	1	1.85E+00	U1/2	1.85E+00	44.96	3.70	11.80					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T06-A	1	1.14E+01	E	1.14E+01	33.55	3.70	11.80					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T07-A	1	1.85E+00	U1/2	1.85E+00	24.62	3.70	11.80					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T08-A	1	1.85E+00	U1/2	1.85E+00	40.24	3.70	11.80					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T09-A	1	1.85E+00	U1/2	1.85E+00	61.34	3.70	11.80					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T01-B	1	4.33E+01		4.33E+01	6.16	3.70	11.80					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T02-B	1	1.24E+01		1.24E+01	20.48	3.70	11.80					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T03-B	1	5.43E+00	E	5.43E+00	35.70	3.70	11.80	10000	1000	1.06E+03	106%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T04-B	1	6.83E+00	E	6.83E+00	36.15	3.70	11.80					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T05-B	1	1.24E+01		1.24E+01	9.33	3.70	11.80					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T06-B	1	6.93E+00	E	6.93E+00	21.89	3.70	11.80					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T07-B	1	1.85E+00	U1/2	1.85E+00	43.60	3.70	11.80					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T08-B	1	1.85E+00	U1/2	1.85E+00	26.80	3.70	11.80					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T09-B	1	1.85E+00	U1/2	1.85E+00	18.36	3.70	11.80					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T01-C	1	4.58E+01		4.58E+01	2.31	3.70	11.80					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T02-C	1	6.60E+00	E	6.60E+00	7.00	3.70	11.80					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T03-C	1	8.05E+00	E	8.05E+00	10.05	3.70	11.80	10000	1000	1.07E+03	107%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T04-C	1	7.18E+00	E	7.18E+00	1.65	3.70	11.80					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T05-C	1	1.12E+01	E	1.12E+01	16.98	3.70	11.80					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T06-C	1	1.85E+00	U1/2	1.85E+00	35.83	3.70	11.80					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T07-C	1	1.85E+00	U1/2	1.85E+00	24.59	3.70	11.80					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T08-C	1	1.85E+00	U1/2	1.85E+00	12.67	3.70	11.80					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-T09-C	1	1.85E+00	U1/2	1.85E+00	29.00	3.70	11.80					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
P	CFS-L06-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	42.70	3.70	11.80					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L06-1314-T01-A	1	1.15E+05		1.15E+05	0.39	1.60	5.09					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T02-A	1	4.20E+04		4.20E+04	0.15	1.60	5.09					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T03-A	1	2.70E+04		2.70E+04	0.66	1.60	5.09	10000	1000	2.78E+04	87%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T04-A	1	1.93E+04		1.93E+04	2.24	1.60	5.09					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T05-A	1	1.28E+04		1.28E+04	0.40	1.60	5.09					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T06-A	1	6.24E+03		6.24E+03	1.16	1.60	5.09					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T07-A	1	3.62E+03		3.62E+03	3.99	1.60	5.09					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T08-A	1	2.42E+03		2.42E+03	0.84	1.60	5.09					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T09-A	1	2.03E+03		2.03E+03	0.45	1.60	5.09					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T01-B	1	1.27E+05		1.27E+05	0.33	1.60	5.09					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T02-B	1	4.29E+04		4.29E+04	0.17	1.60	5.09					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T03-B	1	2.76E+04		2.76E+04	1.09	1.60	5.09	10000	1000	2.85E+04	89%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T04-B	1	1.98E+04		1.98E+04	2.36	1.60	5.09					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T05-B	1	1.26E+04		1.26E+04	2.89	1.60	5.09					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T06-B	1	5.84E+03		5.84E+03	0.93	1.60	5.09					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T07-B	1	3.36E+03		3.36E+03	0.60	1.60	5.09					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T08-B	1	2.27E+03		2.27E+03	2.48	1.60	5.09					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T09-B	1	1.91E+03		1.91E+03	0.14	1.60	5.09					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T01-C	1	1.23E+05		1.23E+05	0.52	1.60	5.09					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T02-C	1	4.32E+04		4.32E+04	1.07	1.60	5.09					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T03-C	1	2.77E+04		2.77E+04	0.87	1.60	5.09	10000	1000	2.86E+04	90%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T04-C	1	1.92E+04		1.92E+04	2.26	1.60	5.09					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T05-C	1	1.29E+04		1.29E+04	0.61	1.60	5.09					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T06-C	1	6.23E+03		6.23E+03	0.41	1.60	5.09					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T07-C	1	3.66E+03		3.66E+03	0.99	1.60	5.09					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T08-C	1	2.46E+03		2.46E+03	0.91	1.60	5.09					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-T09-C	1	2.07E+03		2.07E+03	0.73	1.60	5.09					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
K	CFS-L06-1314-B01-A	1	2.18E+01		2.18E+01	1.67	1.60	5.09					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L06-1314-T01-A	1	1.84E+03		1.84E+03	0.75	15.00	47.70					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T02-A	1	2.80E+02		2.80E+02	4.25	15.00	47.70					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T03-A	1	9.76E+01		9.76E+01	2.33	15.00	47.70	10000	1000	1.12E+03	103%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T04-A	1	4.26E+01	E	4.26E+01	11.65	15.00	47.70					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T05-A	1	3.10E+01	E	3.10E+01	11.34	15.00	47.70					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T06-A	1	2.04E+01	E	2.04E+01	29.52	15.00	47.70					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T07-A	1	2.66E+01	E	2.66E+01	16.58	15.00	47.70					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T08-A	1	1.87E+01	E	1.87E+01	8.12	15.00	47.70					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	23.65	15.00	47.70					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T01-B	1	2.17E+03		2.17E+03	0.31	15.00	47.70					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T02-B	1	2.79E+02		2.79E+02	3.79	15.00	47.70					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T03-B	1	9.83E+01		9.83E+01	5.04	15.00	47.70	10000	1000	1.16E+03	106%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T04-B	1	4.48E+01	E	4.48E+01	19.21	15.00	47.70					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T05-B	1	4.18E+01	E	4.18E+01	15.28	15.00	47.70					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T06-B	1	2.46E+01	E	2.46E+01	24.53	15.00	47.70					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T07-B	1	1.66E+01	E	1.66E+01	18.16	15.00	47.70					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	16.77	15.00	47.70					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	20.49	15.00	47.70					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T01-C	1	2.01E+03		2.01E+03	0.93	15.00	47.70					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T02-C	1	2.74E+02		2.74E+02	3.93	15.00	47.70					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T03-C	1	9.74E+01		9.74E+01	1.31	15.00	47.70	10000	1000	1.14E+03	104%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T04-C	1	4.44E+01	E	4.44E+01	6.39	15.00	47.70					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T05-C	1	3.63E+01	E	3.63E+01	16.38	15.00	47.70					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T06-C	1	2.71E+01	E	2.71E+01	27.36	15.00	47.70					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T07-C	1	2.62E+01	E	2.62E+01	19.15	15.00	47.70					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	17.51	15.00	47.70					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	31.80	15.00	47.70					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Se	CFS-L06-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	45.20	15.00	47.70					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L06-1314-T01-A	1	7.76E+03		7.76E+03	0.96	1.10	3.50					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T02-A	1	6.80E+03		6.80E+03	0.11	1.10	3.50					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T03-A	1	6.65E+03		6.65E+03	0.38	1.10	3.50	10000	1000	7.61E+03	96%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T04-A	1	6.71E+03		6.71E+03	0.90	1.10	3.50					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T05-A	1	6.29E+03		6.29E+03	0.88	1.10	3.50					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T06-A	1	5.52E+03		5.52E+03	1.48	1.10	3.50					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T07-A	1	4.90E+03		4.90E+03	2.91	1.10	3.50					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T08-A	1	4.33E+03		4.33E+03	0.77	1.10	3.50					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T09-A	1	4.39E+03		4.39E+03	1.39	1.10	3.50					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T01-B	1	8.40E+03		8.40E+03	0.26	1.10	3.50					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T02-B	1	6.97E+03		6.97E+03	0.39	1.10	3.50					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T03-B	1	6.75E+03		6.75E+03	1.22	1.10	3.50	10000	1000	7.68E+03	93%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T04-B	1	6.99E+03		6.99E+03	1.51	1.10	3.50					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T05-B	1	6.50E+03		6.50E+03	1.96	1.10	3.50					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T06-B	1	5.63E+03		5.63E+03	1.35	1.10	3.50					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T07-B	1	4.85E+03		4.85E+03	1.25	1.10	3.50					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T08-B	1	4.36E+03		4.36E+03	2.32	1.10	3.50					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T09-B	1	4.34E+03		4.34E+03	0.52	1.10	3.50					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T01-C	1	7.72E+03		7.72E+03	0.50	1.10	3.50					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T02-C	1	6.93E+03		6.93E+03	1.11	1.10	3.50					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T03-C	1	6.59E+03		6.59E+03	0.85	1.10	3.50	10000	1000	7.53E+03	94%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T04-C	1	6.66E+03		6.66E+03	0.89	1.10	3.50					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T05-C	1	6.41E+03		6.41E+03	1.26	1.10	3.50					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T06-C	1	5.58E+03		5.58E+03	1.81	1.10	3.50					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T07-C	1	4.94E+03		4.94E+03	2.46	1.10	3.50					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T08-C	1	4.46E+03		4.46E+03	1.71	1.10	3.50					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-T09-C	1	4.43E+03		4.43E+03	1.22	1.10	3.50					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Si	CFS-L06-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	4.75	1.10	3.50					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L06-1314-T01-A	1	2.96E+05		2.96E+05	0.24	2.50	8.00					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T02-A	1	5.65E+04		5.65E+04	0.78	2.50	8.00					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T03-A	1	1.13E+04		1.13E+04	0.39	2.50	8.00	10000	1000	1.22E+04	88%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T04-A	1	5.49E+03		5.49E+03	0.59	2.50	8.00					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T05-A	1	3.45E+03		3.45E+03	0.53	2.50	8.00					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T06-A	1	2.18E+03		2.18E+03	0.53	2.50	8.00					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T07-A	1	1.42E+03		1.42E+03	2.06	2.50	8.00					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T08-A	1	1.15E+03		1.15E+03	1.63	2.50	8.00					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T09-A	1	1.16E+03		1.16E+03	0.46	2.50	8.00					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T01-B	1	3.19E+05		3.19E+05	0.58	2.50	8.00					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T02-B	1	5.58E+04		5.58E+04	0.22	2.50	8.00					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T03-B	1	1.07E+04		1.07E+04	0.59	2.50	8.00	10000	1000	1.16E+04	90%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T04-B	1	5.53E+03		5.53E+03	2.05	2.50	8.00					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T05-B	1	3.29E+03		3.29E+03	3.93	2.50	8.00					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T06-B	1	1.96E+03		1.96E+03	0.41	2.50	8.00					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T07-B	1	1.33E+03		1.33E+03	0.99	2.50	8.00					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T08-B	1	1.07E+03		1.07E+03	0.96	2.50	8.00					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T09-B	1	1.12E+03		1.12E+03	1.00	2.50	8.00					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T01-C	1	3.14E+05		3.14E+05	0.52	2.50	8.00					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T02-C	1	5.21E+04		5.21E+04	1.29	2.50	8.00					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T03-C	1	1.03E+04		1.03E+04	0.96	2.50	8.00	10000	1000	1.13E+04	93%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T04-C	1	4.90E+03		4.90E+03	0.32	2.50	8.00					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T05-C	1	3.32E+03		3.32E+03	0.71	2.50	8.00					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T06-C	1	2.08E+03		2.08E+03	0.76	2.50	8.00					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T07-C	1	1.40E+03		1.40E+03	0.55	2.50	8.00					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T08-C	1	1.09E+03		1.09E+03	1.22	2.50	8.00					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-T09-C	1	1.19E+03		1.19E+03	1.01	2.50	8.00					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Na	CFS-L06-1314-B01-A	1	1.25E+00	U1/2	1.25E+00	1.91	2.50	8.00					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L06-1314-T01-A	1	3.88E+03		3.88E+03	0.42	1.00	3.18					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T02-A	1	3.01E+03		3.01E+03	1.16	1.00	3.18					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T03-A	1	2.94E+03		2.94E+03	0.55	1.00	3.18	10000	1000	3.88E+03	94%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T04-A	1	2.79E+03		2.79E+03	0.87	1.00	3.18					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T05-A	1	2.24E+03		2.24E+03	0.63	1.00	3.18					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T06-A	1	1.73E+03		1.73E+03	1.81	1.00	3.18					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T07-A	1	1.53E+03		1.53E+03	2.86	1.00	3.18					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T08-A	1	1.36E+03		1.36E+03	1.10	1.00	3.18					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T09-A	1	1.34E+03		1.34E+03	1.26	1.00	3.18					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T01-B	1	4.14E+03		4.14E+03	0.74	1.00	3.18					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T02-B	1	2.94E+03		2.94E+03	1.17	1.00	3.18					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T03-B	1	2.91E+03		2.91E+03	1.34	1.00	3.18	10000	1000	3.87E+03	97%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T04-B	1	2.88E+03		2.88E+03	0.83	1.00	3.18					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T05-B	1	2.18E+03		2.18E+03	1.34	1.00	3.18					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T06-B	1	1.71E+03		1.71E+03	1.55	1.00	3.18					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T07-B	1	1.47E+03		1.47E+03	0.79	1.00	3.18					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T08-B	1	1.35E+03		1.35E+03	2.32	1.00	3.18					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T09-B	1	1.31E+03		1.31E+03	0.71	1.00	3.18					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T01-C	1	3.86E+03		3.86E+03	0.36	1.00	3.18					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T02-C	1	3.09E+03		3.09E+03	1.27	1.00	3.18					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T03-C	1	3.01E+03		3.01E+03	1.55	1.00	3.18	10000	1000	3.99E+03	98%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T04-C	1	2.84E+03		2.84E+03	1.81	1.00	3.18					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T05-C	1	2.20E+03		2.20E+03	1.33	1.00	3.18					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T06-C	1	1.75E+03		1.75E+03	1.38	1.00	3.18					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T07-C	1	1.54E+03		1.54E+03	2.46	1.00	3.18					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T08-C	1	1.39E+03		1.39E+03	1.55	1.00	3.18					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-T09-C	1	1.33E+03		1.33E+03	1.04	1.00	3.18					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Sr	CFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	31.22	1.00	3.18					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L06-1314-T01-A	1	2.39E+06		2.39E+06	0.25	6.80	21.60					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T02-A	1	9.57E+05		9.57E+05	0.25	6.80	21.60					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T03-A	1	6.45E+05		6.45E+05	0.10	6.80	21.60	10000	1000	6.46E+05	85%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T04-A	1	5.52E+05		5.52E+05	0.59	6.80	21.60					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T05-A	1	5.28E+05		5.28E+05	0.43	6.80	21.60					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T06-A	1	5.14E+05		5.14E+05	1.17	6.80	21.60					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T07-A	1	5.10E+05		5.10E+05	4.08	6.80	21.60					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T08-A	1	5.01E+05		5.01E+05	1.21	6.80	21.60					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T09-A	1	4.99E+05		4.99E+05	0.22	6.80	21.60					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T01-B	1	2.55E+06		2.55E+06	0.76	6.80	21.60					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T02-B	1	9.61E+05		9.61E+05	0.47	6.80	21.60					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T03-B	1	6.33E+05		6.33E+05	1.01	6.80	21.60	10000	1000	6.33E+05	87%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T04-B	1	5.58E+05		5.58E+05	1.46	6.80	21.60					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T05-B	1	5.22E+05		5.22E+05	2.46	6.80	21.60					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T06-B	1	5.06E+05		5.06E+05	0.93	6.80	21.60					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T07-B	1	4.97E+05		4.97E+05	0.69	6.80	21.60					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T08-B	1	4.93E+05		4.93E+05	2.85	6.80	21.60					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T09-B	1	5.00E+05		5.00E+05	0.35	6.80	21.60					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T01-C	1	2.46E+06		2.46E+06	0.74	6.80	21.60					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T02-C	1	9.75E+05		9.75E+05	1.13	6.80	21.60					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T03-C	1	6.33E+05		6.33E+05	0.59	6.80	21.60	10000	1000	6.34E+05	92%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T04-C	1	5.40E+05		5.40E+05	0.60	6.80	21.60					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T05-C	1	5.30E+05		5.30E+05	0.73	6.80	21.60					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T06-C	1	5.08E+05		5.08E+05	0.38	6.80	21.60					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T07-C	1	5.04E+05		5.04E+05	1.26	6.80	21.60					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T08-C	1	4.94E+05		4.94E+05	0.80	6.80	21.60					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-T09-C	1	4.96E+05		4.96E+05	0.65	6.80	21.60					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
S	CFS-L06-1314-B01-A	1	2.82E+01		2.82E+01	1.54	6.80	21.60					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L06-1314-T01-A	1	1.89E+03		1.89E+03	0.61	4.60	14.60					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T02-A	1	8.82E+02		8.82E+02	1.46	4.60	14.60					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T03-A	1	6.49E+02		6.49E+02	0.74	4.60	14.60	10000	1000	1.72E+03	107%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T04-A	1	5.21E+02		5.21E+02	0.92	4.60	14.60					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T05-A	1	3.89E+02		3.89E+02	2.11	4.60	14.60					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T06-A	1	2.37E+02		2.37E+02	2.28	4.60	14.60					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T07-A	1	1.70E+02		1.70E+02	4.61	4.60	14.60					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T08-A	1	1.25E+02		1.25E+02	2.36	4.60	14.60					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T09-A	1	1.18E+02		1.18E+02	3.87	4.60	14.60					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T01-B	1	2.05E+03		2.05E+03	0.70	4.60	14.60					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T02-B	1	8.81E+02		8.81E+02	0.74	4.60	14.60					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T03-B	1	6.44E+02		6.44E+02	0.94	4.60	14.60	10000	1000	1.64E+03	100%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T04-B	1	5.27E+02		5.27E+02	2.24	4.60	14.60					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T05-B	1	3.84E+02		3.84E+02	2.76	4.60	14.60					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T06-B	1	2.28E+02		2.28E+02	0.56	4.60	14.60					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T07-B	1	1.59E+02		1.59E+02	1.32	4.60	14.60					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T08-B	1	1.20E+02		1.20E+02	6.57	4.60	14.60					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T09-B	1	1.16E+02		1.16E+02	3.91	4.60	14.60					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T01-C	1	1.99E+03		1.99E+03	0.56	4.60	14.60					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T02-C	1	8.97E+02		8.97E+02	0.08	4.60	14.60					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T03-C	1	6.62E+02		6.62E+02	0.58	4.60	14.60	10000	1000	1.70E+03	104%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T04-C	1	5.14E+02		5.14E+02	0.87	4.60	14.60					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T05-C	1	3.90E+02		3.90E+02	1.40	4.60	14.60					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T06-C	1	2.41E+02		2.41E+02	0.84	4.60	14.60					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T07-C	1	1.67E+02		1.67E+02	2.20	4.60	14.60					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T08-C	1	1.28E+02		1.28E+02	2.40	4.60	14.60					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-T09-C	1	1.22E+02		1.22E+02	0.87	4.60	14.60					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Tl	CFS-L06-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	36.33	4.60	14.60					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L06-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	40.32	2.00	6.40					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	16.47	2.00	6.40					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	46.78	2.00	6.40	10000	1000	9.75E+02	97%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	37.87	2.00	6.40					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	34.06	2.00	6.40					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	67.79	2.00	6.40					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	34.02	2.00	6.40					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	11.68	2.00	6.40					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	72.51	2.00	6.40					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	20.02	2.00	6.40					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	49.76	2.00	6.40					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	17.53	2.00	6.40	10000	1000	9.54E+02	95%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	30.64	2.00	6.40					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	18.02	2.00	6.40					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	75.15	2.00	6.40					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	61.82	2.00	6.40					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	42.54	2.00	6.40					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	38.21	2.00	6.40					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	52.48	2.00	6.40					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	69.64	2.00	6.40					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	74.39	2.00	6.40	10000	1000	9.60E+02	96%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	34.27	2.00	6.40					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	70.33	2.00	6.40					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	40.92	2.00	6.40					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	12.49	2.00	6.40					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	42.95	2.00	6.40					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	14.28	2.00	6.40					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Ti	CFS-L06-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	25.74	2.00	6.40					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L06-1314-T01-A	1	2.58E+01		2.58E+01	5.46	1.50	4.77					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T02-A	1	2.78E+01		2.78E+01	0.82	1.50	4.77					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T03-A	1	3.07E+01		3.07E+01	3.32	1.50	4.77	10000	1000	1.08E+03	105%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T04-A	1	3.24E+01		3.24E+01	1.86	1.50	4.77					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T05-A	1	3.25E+01		3.25E+01	3.30	1.50	4.77					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T06-A	1	3.24E+01		3.24E+01	3.63	1.50	4.77					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T07-A	1	3.32E+01		3.32E+01	4.19	1.50	4.77					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T08-A	1	3.25E+01		3.25E+01	1.17	1.50	4.77					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T09-A	1	3.24E+01		3.24E+01	1.67	1.50	4.77					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T01-B	1	2.57E+01		2.57E+01	1.61	1.50	4.77					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T02-B	1	2.65E+01		2.65E+01	2.90	1.50	4.77					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T03-B	1	3.02E+01		3.02E+01	1.73	1.50	4.77	10000	1000	1.08E+03	105%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T04-B	1	3.28E+01		3.28E+01	3.22	1.50	4.77					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T05-B	1	3.31E+01		3.31E+01	0.63	1.50	4.77					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T06-B	1	3.25E+01		3.25E+01	2.06	1.50	4.77					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T07-B	1	3.30E+01		3.30E+01	1.09	1.50	4.77					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T08-B	1	3.36E+01		3.36E+01	2.24	1.50	4.77					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T09-B	1	3.35E+01		3.35E+01	0.99	1.50	4.77					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T01-C	1	2.45E+01		2.45E+01	9.83	1.50	4.77					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T02-C	1	2.78E+01		2.78E+01	3.40	1.50	4.77					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T03-C	1	2.99E+01		2.99E+01	2.78	1.50	4.77	10000	1000	1.07E+03	104%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T04-C	1	3.13E+01		3.13E+01	1.62	1.50	4.77					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T05-C	1	3.20E+01		3.20E+01	1.89	1.50	4.77					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T06-C	1	3.20E+01		3.20E+01	1.70	1.50	4.77					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T07-C	1	3.30E+01		3.30E+01	1.95	1.50	4.77					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T08-C	1	3.28E+01		3.28E+01	3.85	1.50	4.77					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-T09-C	1	3.26E+01		3.26E+01	2.04	1.50	4.77					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
V	CFS-L06-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	13.03	1.50	4.77					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L06-1314-T01-A	1	7.38E+04		7.38E+04	0.34	1.00	3.18					VU ICP-OES	1/2/12 3:37 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T02-A	1	4.76E+04		4.76E+04	0.53	1.00	3.18					VU ICP-OES	1/2/12 3:38 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T03-A	1	4.28E+04		4.28E+04	0.43	1.00	3.18	10000	1000	4.36E+04	86%	VU ICP-OES	1/2/12 3:40 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T04-A	1	4.27E+04		4.27E+04	1.19	1.00	3.18					VU ICP-OES	1/2/12 3:42 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T05-A	1	4.07E+04		4.07E+04	0.94	1.00	3.18					VU ICP-OES	1/2/12 3:43 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T06-A	1	3.22E+04		3.22E+04	1.87	1.00	3.18					VU ICP-OES	1/2/12 3:45 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T07-A	1	2.54E+04		2.54E+04	3.24	1.00	3.18					VU ICP-OES	1/2/12 3:46 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T08-A	1	1.88E+04		1.88E+04	1.37	1.00	3.18					VU ICP-OES	1/2/12 3:48 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T09-A	1	1.55E+04		1.55E+04	0.38	1.00	3.18					VU ICP-OES	1/2/12 3:50 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T01-B	1	8.34E+04		8.34E+04	0.89	1.00	3.18					VU ICP-OES	1/2/12 3:51 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T02-B	1	4.94E+04		4.94E+04	0.23	1.00	3.18					VU ICP-OES	1/2/12 3:53 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T03-B	1	4.30E+04		4.30E+04	0.12	1.00	3.18	10000	1000	4.39E+04	90%	VU ICP-OES	1/2/12 3:55 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T04-B	1	4.37E+04		4.37E+04	0.93	1.00	3.18					VU ICP-OES	1/2/12 3:56 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T05-B	1	4.27E+04		4.27E+04	1.59	1.00	3.18					VU ICP-OES	1/2/12 3:58 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T06-B	1	3.24E+04		3.24E+04	1.50	1.00	3.18					VU ICP-OES	1/2/12 4:00 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T07-B	1	2.43E+04		2.43E+04	0.51	1.00	3.18					VU ICP-OES	1/2/12 4:01 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T08-B	1	1.87E+04		1.87E+04	1.73	1.00	3.18					VU ICP-OES	1/2/12 4:03 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T09-B	1	1.50E+04		1.50E+04	0.50	1.00	3.18					VU ICP-OES	1/2/12 4:05 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T01-C	1	7.28E+04		7.28E+04	1.64	1.00	3.18					VU ICP-OES	1/2/12 4:06 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T02-C	1	4.69E+04		4.69E+04	2.01	1.00	3.18					VU ICP-OES	1/2/12 4:08 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T03-C	1	4.23E+04		4.23E+04	1.46	1.00	3.18	10000	1000	4.33E+04	92%	VU ICP-OES	1/2/12 4:10 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T04-C	1	4.25E+04		4.25E+04	0.72	1.00	3.18					VU ICP-OES	1/2/12 4:11 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T05-C	1	4.29E+04		4.29E+04	0.82	1.00	3.18					VU ICP-OES	1/2/12 4:13 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T06-C	1	3.35E+04		3.35E+04	1.46	1.00	3.18					VU ICP-OES	1/2/12 4:14 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T07-C	1	2.60E+04		2.60E+04	2.40	1.00	3.18					VU ICP-OES	1/2/12 4:16 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T08-C	1	1.99E+04		1.99E+04	2.04	1.00	3.18					VU ICP-OES	1/2/12 4:18 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-T09-C	1	1.59E+04		1.59E+04	1.45	1.00	3.18					VU ICP-OES	1/2/12 4:19 PM	EPA Interlab L06 1314 CFS
Zn	CFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	21.62	1.00	3.18					VU ICP-OES	1/2/12 3:35 PM	EPA Interlab L06 1314 CFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L07-1314-T01-A	1	5.75E+01		5.75E+01	6.52	1.00	3.18					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T02-A	1	5.80E+01		5.80E+01	1.93	1.00	3.18					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T03-A	1	5.47E+01		5.47E+01	7.34	1.00	3.18	10000	1000	1.09E+03	103%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T04-A	1	5.60E+01		5.60E+01	1.88	1.00	3.18					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T05-A	1	5.14E+01		5.14E+01	5.73	1.00	3.18					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T06-A	1	4.68E+01		4.68E+01	4.54	1.00	3.18					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T07-A	1	5.04E+01		5.04E+01	2.47	1.00	3.18					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T08-A	1	4.83E+01		4.83E+01	5.25	1.00	3.18					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T09-A	1	4.56E+01		4.56E+01	1.32	1.00	3.18					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T01-B	1	6.44E+01		6.44E+01	3.88	1.00	3.18					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T02-B	1	5.22E+01		5.22E+01	1.51	1.00	3.18					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T03-B	1	5.31E+01		5.31E+01	1.18	1.00	3.18	10000	1000	1.06E+03	101%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T04-B	1	5.25E+01		5.25E+01	7.78	1.00	3.18					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T05-B	1	5.23E+01		5.23E+01	8.31	1.00	3.18					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T06-B	1	4.88E+01		4.88E+01	2.03	1.00	3.18					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T07-B	1	4.85E+01		4.85E+01	4.74	1.00	3.18					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T08-B	1	5.39E+01		5.39E+01	8.18	1.00	3.18					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T09-B	1	5.19E+01		5.19E+01	3.43	1.00	3.18					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T01-C	1	6.13E+01		6.13E+01	4.37	1.00	3.18					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T02-C	1	5.61E+01		5.61E+01	7.53	1.00	3.18					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T03-C	1	5.51E+01		5.51E+01	2.76	1.00	3.18	10000	1000	1.02E+03	96%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T04-C	1	5.51E+01		5.51E+01	4.55	1.00	3.18					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T05-C	1	5.14E+01		5.14E+01	2.75	1.00	3.18					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T06-C	1	5.07E+01		5.07E+01	4.78	1.00	3.18					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T07-C	1	5.02E+01		5.02E+01	2.08	1.00	3.18					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T08-C	1	4.97E+01		4.97E+01	3.14	1.00	3.18					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-T09-C	1	5.68E+01		5.68E+01	7.18	1.00	3.18					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Al	CFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	15.75	1.00	3.18					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L07-1314-T01-A	1	4.31E+01		4.31E+01	2.84	7.50	23.90					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T02-A	1	3.88E+01		3.88E+01	1.87	7.50	23.90					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T03-A	1	2.07E+01	E	2.07E+01	15.09	7.50	23.90	10000	1000	1.07E+03	104%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T04-A	1	2.55E+01		2.55E+01	7.89	7.50	23.90					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T05-A	1	2.37E+01	E	2.37E+01	10.03	7.50	23.90					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T06-A	1	1.51E+01	E	1.51E+01	3.25	7.50	23.90					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T07-A	1	1.99E+01	E	1.99E+01	10.00	7.50	23.90					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T08-A	1	1.78E+01	E	1.78E+01	11.16	7.50	23.90					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T09-A	1	1.36E+01	E	1.36E+01	6.35	7.50	23.90					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T01-B	1	4.31E+01		4.31E+01	5.42	7.50	23.90					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T02-B	1	2.90E+01		2.90E+01	4.57	7.50	23.90					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T03-B	1	2.18E+01	E	2.18E+01	21.23	7.50	23.90	10000	1000	1.06E+03	104%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T04-B	1	2.35E+01	E	2.35E+01	17.69	7.50	23.90					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T05-B	1	1.78E+01	E	1.78E+01	11.83	7.50	23.90					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T06-B	1	2.01E+01	E	2.01E+01	21.26	7.50	23.90					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T07-B	1	2.17E+01	E	2.17E+01	27.99	7.50	23.90					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T08-B	1	1.53E+01	E	1.53E+01	23.15	7.50	23.90					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T09-B	1	1.56E+01	E	1.56E+01	20.21	7.50	23.90					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T01-C	1	5.87E+01		5.87E+01	2.06	7.50	23.90					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T02-C	1	2.91E+01		2.91E+01	3.92	7.50	23.90					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T03-C	1	2.13E+01	E	2.13E+01	19.65	7.50	23.90	10000	1000	1.03E+03	101%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T04-C	1	2.22E+01	E	2.22E+01	22.86	7.50	23.90					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T05-C	1	3.08E+01		3.08E+01	10.36	7.50	23.90					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T06-C	1	1.85E+01	E	1.85E+01	18.68	7.50	23.90					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T07-C	1	2.01E+01	E	2.01E+01	15.11	7.50	23.90					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T08-C	1	1.80E+01	E	1.80E+01	5.92	7.50	23.90					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-T09-C	1	1.33E+01	E	1.33E+01	6.84	7.50	23.90					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Sb	CFS-L07-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	10.27	7.50	23.90					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L07-1314-T01-A	1	3.79E+01		3.79E+01	6.56	11.00	35.00					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T02-A	1	2.61E+01	E	2.61E+01	3.37	11.00	35.00					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T03-A	1	1.18E+01	E	1.18E+01	1.57	11.00	35.00	10000	1000	9.87E+02	98%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T04-A	1	1.18E+01	E	1.18E+01	6.65	11.00	35.00					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T05-A	1	5.50E+00	U1/2	5.50E+00	26.90	11.00	35.00					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T06-A	1	5.50E+00	U1/2	5.50E+00	22.75	11.00	35.00					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T07-A	1	5.50E+00	U1/2	5.50E+00	6.90	11.00	35.00					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T08-A	1	5.50E+00	U1/2	5.50E+00	15.40	11.00	35.00					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T09-A	1	5.50E+00	U1/2	5.50E+00	7.80	11.00	35.00					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T01-B	1	4.43E+01		4.43E+01	4.74	11.00	35.00					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T02-B	1	1.92E+01	E	1.92E+01	3.29	11.00	35.00					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T03-B	1	5.50E+00	U1/2	5.50E+00	18.71	11.00	35.00	10000	1000	9.55E+02	95%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T04-B	1	5.50E+00	U1/2	5.50E+00	25.59	11.00	35.00					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T05-B	1	5.50E+00	U1/2	5.50E+00	22.56	11.00	35.00					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T06-B	1	5.50E+00	U1/2	5.50E+00	10.50	11.00	35.00					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T07-B	1	5.50E+00	U1/2	5.50E+00	27.06	11.00	35.00					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T08-B	1	5.50E+00	U1/2	5.50E+00	19.89	11.00	35.00					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T09-B	1	5.50E+00	U1/2	5.50E+00	12.25	11.00	35.00					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T01-C	1	5.41E+01		5.41E+01	2.42	11.00	35.00					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T02-C	1	2.18E+01	E	2.18E+01	8.56	11.00	35.00					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T03-C	1	1.36E+01	E	1.36E+01	8.05	11.00	35.00	10000	1000	9.79E+02	97%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T04-C	1	5.50E+00	U1/2	5.50E+00	11.28	11.00	35.00					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T05-C	1	5.50E+00	U1/2	5.50E+00	9.55	11.00	35.00					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T06-C	1	5.50E+00	U1/2	5.50E+00	20.99	11.00	35.00					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T07-C	1	5.50E+00	U1/2	5.50E+00	17.89	11.00	35.00					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T08-C	1	5.50E+00	U1/2	5.50E+00	6.02	11.00	35.00					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-T09-C	1	5.50E+00	U1/2	5.50E+00	8.03	11.00	35.00					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
As	CFS-L07-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	19.21	11.00	35.00					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L07-1314-T01-A	1	1.64E+03		1.64E+03	0.76	1.00	3.18					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T02-A	1	1.37E+03		1.37E+03	0.62	1.00	3.18					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T03-A	1	7.19E+02		7.19E+02	0.23	1.00	3.18	10000	1000	1.64E+03	92%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T04-A	1	3.80E+02		3.80E+02	0.83	1.00	3.18					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T05-A	1	2.48E+02		2.48E+02	0.69	1.00	3.18					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T06-A	1	1.26E+02		1.26E+02	1.34	1.00	3.18					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T07-A	1	9.22E+01		9.22E+01	3.14	1.00	3.18					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T08-A	1	6.39E+01		6.39E+01	0.50	1.00	3.18					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T09-A	1	3.95E+01		3.95E+01	3.20	1.00	3.18					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T01-B	1	1.66E+03		1.66E+03	0.72	1.00	3.18					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T02-B	1	1.07E+03		1.07E+03	1.74	1.00	3.18					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T03-B	1	6.42E+02		6.42E+02	0.52	1.00	3.18	10000	1000	1.54E+03	90%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T04-B	1	3.31E+02		3.31E+02	0.70	1.00	3.18					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T05-B	1	2.27E+02		2.27E+02	1.43	1.00	3.18					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T06-B	1	1.12E+02		1.12E+02	0.82	1.00	3.18					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T07-B	1	8.77E+01		8.77E+01	0.75	1.00	3.18					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T08-B	1	6.15E+01		6.15E+01	1.49	1.00	3.18					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T09-B	1	4.55E+01		4.55E+01	0.54	1.00	3.18					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T01-C	1	1.86E+03		1.86E+03	0.51	1.00	3.18					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T02-C	1	1.36E+03		1.36E+03	0.79	1.00	3.18					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T03-C	1	6.55E+02		6.55E+02	1.15	1.00	3.18	10000	1000	1.62E+03	97%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T04-C	1	3.30E+02		3.30E+02	4.42	1.00	3.18					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T05-C	1	2.28E+02		2.28E+02	1.69	1.00	3.18					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T06-C	1	1.18E+02		1.18E+02	0.36	1.00	3.18					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T07-C	1	8.87E+01		8.87E+01	1.33	1.00	3.18					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T08-C	1	6.37E+01		6.37E+01	1.37	1.00	3.18					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-T09-C	1	4.68E+01		4.68E+01	3.14	1.00	3.18					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
B	CFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	1.77	1.00	3.18					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L07-1314-T01-A	1	5.60E+01		5.60E+01	0.92	1.00	3.18					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T02-A	1	5.62E+01		5.62E+01	1.39	1.00	3.18					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T03-A	1	7.04E+01		7.04E+01	0.60	1.00	3.18	10000	1000	1.06E+03	99%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T04-A	1	7.44E+01		7.44E+01	0.78	1.00	3.18					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T05-A	1	7.81E+01		7.81E+01	0.47	1.00	3.18					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T06-A	1	8.00E+01		8.00E+01	1.07	1.00	3.18					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T07-A	1	8.65E+01		8.65E+01	0.24	1.00	3.18					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T08-A	1	8.95E+01		8.95E+01	0.88	1.00	3.18					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T09-A	1	7.50E+01		7.50E+01	0.83	1.00	3.18					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T01-B	1	5.24E+01		5.24E+01	1.08	1.00	3.18					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T02-B	1	5.39E+01		5.39E+01	1.76	1.00	3.18					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T03-B	1	7.45E+01		7.45E+01	0.88	1.00	3.18	10000	1000	1.04E+03	97%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T04-B	1	7.81E+01		7.81E+01	0.75	1.00	3.18					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T05-B	1	8.16E+01		8.16E+01	1.35	1.00	3.18					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T06-B	1	8.13E+01		8.13E+01	0.42	1.00	3.18					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T07-B	1	8.90E+01		8.90E+01	0.54	1.00	3.18					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T08-B	1	9.00E+01		9.00E+01	1.31	1.00	3.18					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T09-B	1	9.36E+01		9.36E+01	1.01	1.00	3.18					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T01-C	1	5.09E+01		5.09E+01	1.57	1.00	3.18					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T02-C	1	5.88E+01		5.88E+01	0.39	1.00	3.18					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T03-C	1	7.16E+01		7.16E+01	1.77	1.00	3.18	10000	1000	1.03E+03	96%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T04-C	1	7.44E+01		7.44E+01	4.45	1.00	3.18					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T05-C	1	7.73E+01		7.73E+01	1.31	1.00	3.18					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T06-C	1	8.05E+01		8.05E+01	0.66	1.00	3.18					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T07-C	1	8.68E+01		8.68E+01	0.58	1.00	3.18					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T08-C	1	9.08E+01		9.08E+01	0.70	1.00	3.18					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-T09-C	1	9.49E+01		9.49E+01	0.38	1.00	3.18					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Ba	CFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	9.77	1.00	3.18					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L07-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	7.27	1.90	6.00					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	18.99	1.90	6.00					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	11.09	1.90	6.00	10000	1000	1.10E+03	110%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	32.34	1.90	6.00					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	18.20	1.90	6.00					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	12.92	1.90	6.00					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	27.42	1.90	6.00					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	20.11	1.90	6.00					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	37.21	1.90	6.00					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	3.84	1.90	6.00					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	10.13	1.90	6.00					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	29.20	1.90	6.00	10000	1000	1.13E+03	113%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	8.37	1.90	6.00					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	13.12	1.90	6.00					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	27.02	1.90	6.00					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	4.42	1.90	6.00					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	22.10	1.90	6.00					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	8.95	1.90	6.00					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	9.18	1.90	6.00					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	12.10	1.90	6.00					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	21.37	1.90	6.00	10000	1000	1.12E+03	112%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	28.71	1.90	6.00					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	32.31	1.90	6.00					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	19.42	1.90	6.00					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	23.21	1.90	6.00					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	22.42	1.90	6.00					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	4.31	1.90	6.00					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Be	CFS-L07-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	30.98	1.90	6.00					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L07-1314-T01-A	1	1.16E+04		1.16E+04	0.26	2.20	7.00					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T02-A	1	9.29E+03		9.29E+03	0.71	2.20	7.00					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T03-A	1	7.05E+03		7.05E+03	0.25	2.20	7.00	10000	1000	7.98E+03	93%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T04-A	1	6.96E+03		6.96E+03	1.12	2.20	7.00					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T05-A	1	7.09E+03		7.09E+03	0.09	2.20	7.00					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T06-A	1	6.46E+03		6.46E+03	1.09	2.20	7.00					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T07-A	1	5.63E+03		5.63E+03	0.09	2.20	7.00					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T08-A	1	4.43E+03		4.43E+03	0.53	2.20	7.00					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T09-A	1	2.83E+03		2.83E+03	1.59	2.20	7.00					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T01-B	1	1.16E+04		1.16E+04	0.92	2.20	7.00					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T02-B	1	6.30E+03		6.30E+03	2.80	2.20	7.00					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T03-B	1	6.56E+03		6.56E+03	0.87	2.20	7.00	10000	1000	7.52E+03	96%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T04-B	1	6.66E+03		6.66E+03	0.39	2.20	7.00					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T05-B	1	6.86E+03		6.86E+03	1.10	2.20	7.00					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T06-B	1	6.13E+03		6.13E+03	0.25	2.20	7.00					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T07-B	1	5.52E+03		5.52E+03	0.65	2.20	7.00					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T08-B	1	4.32E+03		4.32E+03	0.25	2.20	7.00					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T09-B	1	3.49E+03		3.49E+03	0.99	2.20	7.00					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T01-C	1	1.38E+04		1.38E+04	0.90	2.20	7.00					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T02-C	1	8.51E+03		8.51E+03	0.45	2.20	7.00					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T03-C	1	7.23E+03		7.23E+03	1.10	2.20	7.00	10000	1000	8.28E+03	105%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T04-C	1	7.20E+03		7.20E+03	4.71	2.20	7.00					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T05-C	1	7.49E+03		7.49E+03	0.87	2.20	7.00					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T06-C	1	6.72E+03		6.72E+03	0.45	2.20	7.00					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T07-C	1	5.73E+03		5.73E+03	0.80	2.20	7.00					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T08-C	1	4.41E+03		4.41E+03	0.30	2.20	7.00					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-T09-C	1	3.37E+03		3.37E+03	0.26	2.20	7.00					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Cd	CFS-L07-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	28.22	2.20	7.00					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L07-1314-T01-A	1	3.81E+05		3.81E+05	0.51	2.60	8.30					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T02-A	1	4.03E+05		4.03E+05	0.41	2.60	8.30					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T03-A	1	4.62E+05		4.62E+05	0.31	2.60	8.30	10000	1000	4.63E+05	90%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T04-A	1	4.95E+05		4.95E+05	0.97	2.60	8.30					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T05-A	1	5.10E+05		5.10E+05	0.02	2.60	8.30					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T06-A	1	5.24E+05		5.24E+05	1.04	2.60	8.30					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T07-A	1	5.27E+05		5.27E+05	0.13	2.60	8.30					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T08-A	1	5.27E+05		5.27E+05	0.85	2.60	8.30					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T09-A	1	4.17E+05		4.17E+05	0.94	2.60	8.30					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T01-B	1	3.75E+05		3.75E+05	0.60	2.60	8.30					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T02-B	1	3.45E+05		3.45E+05	1.21	2.60	8.30					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T03-B	1	4.72E+05		4.72E+05	0.68	2.60	8.30	10000	1000	4.73E+05	92%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T04-B	1	5.03E+05		5.03E+05	0.23	2.60	8.30					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T05-B	1	5.17E+05		5.17E+05	1.41	2.60	8.30					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T06-B	1	5.12E+05		5.12E+05	0.20	2.60	8.30					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T07-B	1	5.30E+05		5.30E+05	0.85	2.60	8.30					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T08-B	1	5.26E+05		5.26E+05	0.41	2.60	8.30					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T09-B	1	5.28E+05		5.28E+05	0.65	2.60	8.30					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T01-C	1	3.71E+05		3.71E+05	0.73	2.60	8.30					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T02-C	1	4.06E+05		4.06E+05	0.39	2.60	8.30					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T03-C	1	4.72E+05		4.72E+05	0.86	2.60	8.30	10000	1000	4.73E+05	90%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T04-C	1	4.97E+05		4.97E+05	4.63	2.60	8.30					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T05-C	1	5.14E+05		5.14E+05	1.00	2.60	8.30					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T06-C	1	5.18E+05		5.18E+05	0.51	2.60	8.30					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T07-C	1	5.23E+05		5.23E+05	0.67	2.60	8.30					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T08-C	1	5.24E+05		5.24E+05	0.54	2.60	8.30					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-T09-C	1	5.24E+05		5.24E+05	0.39	2.60	8.30					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Ca	CFS-L07-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	15.67	2.60	8.30					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L07-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	10.24	1.20	3.82					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	21.53	1.20	3.82					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	13.58	1.20	3.82	10000	1000	1.07E+03	107%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	5.56	1.20	3.82					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	3.77	1.20	3.82					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	20.04	1.20	3.82					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	18.08	1.20	3.82					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	13.72	1.20	3.82					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	7.58	1.20	3.82					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	2.59	1.20	3.82					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	5.46	1.20	3.82					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	14.15	1.20	3.82	10000	1000	1.08E+03	108%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	18.29	1.20	3.82					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	6.04	1.20	3.82					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	6.72	1.20	3.82					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	7.62	1.20	3.82					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	17.63	1.20	3.82					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	20.69	1.20	3.82					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	13.32	1.20	3.82					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	14.10	1.20	3.82					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	7.88	1.20	3.82	10000	1000	1.08E+03	108%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	14.36	1.20	3.82					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	7.63	1.20	3.82					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	5.71	1.20	3.82					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	18.48	1.20	3.82					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	12.35	1.20	3.82					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	7.92	1.20	3.82					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Cr	CFS-L07-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	5.68	1.20	3.82					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L07-1314-T01-A	1	4.08E+02		4.08E+02	0.50	1.80	5.72					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T02-A	1	3.08E+02		3.08E+02	0.76	1.80	5.72					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T03-A	1	2.16E+02		2.16E+02	0.82	1.80	5.72	10000	1000	1.20E+03	98%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T04-A	1	2.00E+02		2.00E+02	0.80	1.80	5.72					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T05-A	1	1.98E+02		1.98E+02	0.40	1.80	5.72					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T06-A	1	1.36E+02		1.36E+02	0.66	1.80	5.72					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T07-A	1	8.24E+01		8.24E+01	0.34	1.80	5.72					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T08-A	1	4.85E+01		4.85E+01	1.37	1.80	5.72					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T09-A	1	2.42E+01		2.42E+01	1.04	1.80	5.72					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T01-B	1	4.06E+02		4.06E+02	0.73	1.80	5.72					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T02-B	1	2.03E+02		2.03E+02	2.62	1.80	5.72					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T03-B	1	1.98E+02		1.98E+02	1.37	1.80	5.72	10000	1000	1.15E+03	96%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T04-B	1	1.91E+02		1.91E+02	0.79	1.80	5.72					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T05-B	1	1.89E+02		1.89E+02	0.90	1.80	5.72					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T06-B	1	1.26E+02		1.26E+02	0.44	1.80	5.72					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T07-B	1	7.48E+01		7.48E+01	0.83	1.80	5.72					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T08-B	1	4.53E+01		4.53E+01	1.78	1.80	5.72					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T09-B	1	2.89E+01		2.89E+01	2.35	1.80	5.72					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T01-C	1	5.25E+02		5.25E+02	1.11	1.80	5.72					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T02-C	1	2.97E+02		2.97E+02	0.57	1.80	5.72					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T03-C	1	2.30E+02		2.30E+02	0.94	1.80	5.72	10000	1000	1.16E+03	93%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T04-C	1	2.21E+02		2.21E+02	4.25	1.80	5.72					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T05-C	1	2.23E+02		2.23E+02	0.84	1.80	5.72					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T06-C	1	1.38E+02		1.38E+02	0.91	1.80	5.72					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T07-C	1	7.41E+01		7.41E+01	0.80	1.80	5.72					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T08-C	1	4.56E+01		4.56E+01	1.96	1.80	5.72					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-T09-C	1	2.85E+01		2.85E+01	1.63	1.80	5.72					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Co	CFS-L07-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	10.70	1.80	5.72					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L07-1314-T01-A	1	1.54E+03		1.54E+03	0.87	3.70	11.80					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T02-A	1	1.60E+03		1.60E+03	0.42	3.70	11.80					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T03-A	1	1.23E+03		1.23E+03	1.65	3.70	11.80	10000	1000	2.24E+03	101%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T04-A	1	1.19E+03		1.19E+03	1.07	3.70	11.80					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T05-A	1	1.19E+03		1.19E+03	1.11	3.70	11.80					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T06-A	1	1.12E+03		1.12E+03	0.90	3.70	11.80					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T07-A	1	1.02E+03		1.02E+03	0.52	3.70	11.80					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T08-A	1	8.04E+02		8.04E+02	1.75	3.70	11.80					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T09-A	1	5.93E+02		5.93E+02	3.83	3.70	11.80					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T01-B	1	1.31E+03		1.31E+03	0.97	3.70	11.80					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T02-B	1	9.72E+02		9.72E+02	2.47	3.70	11.80					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T03-B	1	1.00E+03		1.00E+03	1.64	3.70	11.80	10000	1000	2.08E+03	107%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T04-B	1	1.06E+03		1.06E+03	0.76	3.70	11.80					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T05-B	1	1.06E+03		1.06E+03	0.66	3.70	11.80					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T06-B	1	1.02E+03		1.02E+03	0.54	3.70	11.80					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T07-B	1	9.34E+02		9.34E+02	1.12	3.70	11.80					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T08-B	1	7.93E+02		7.93E+02	0.58	3.70	11.80					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T09-B	1	6.77E+02		6.77E+02	0.54	3.70	11.80					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T01-C	1	1.75E+03		1.75E+03	0.98	3.70	11.80					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T02-C	1	1.40E+03		1.40E+03	0.46	3.70	11.80					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T03-C	1	1.25E+03		1.25E+03	0.08	3.70	11.80	10000	1000	2.22E+03	97%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T04-C	1	1.27E+03		1.27E+03	5.73	3.70	11.80					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T05-C	1	1.27E+03		1.27E+03	0.30	3.70	11.80					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T06-C	1	1.16E+03		1.16E+03	0.59	3.70	11.80					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T07-C	1	9.98E+02		9.98E+02	1.08	3.70	11.80					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T08-C	1	7.99E+02		7.99E+02	0.88	3.70	11.80					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-T09-C	1	6.67E+02		6.67E+02	0.87	3.70	11.80					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Cu	CFS-L07-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	13.48	3.70	11.80					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L07-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	10.31	2.00	6.40					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T02-A	1	3.69E+00	E	3.69E+00	5.26	2.00	6.40					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	4.66	2.00	6.40	10000	1000	1.04E+03	103%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	12.98	2.00	6.40					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	16.68	2.00	6.40					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	6.21	2.00	6.40					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	14.16	2.00	6.40					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	7.12	2.00	6.40					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	3.30	2.00	6.40					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	7.31	2.00	6.40					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	10.43	2.00	6.40					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	13.38	2.00	6.40	10000	1000	1.03E+03	103%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	11.62	2.00	6.40					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	7.14	2.00	6.40					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	1.87	2.00	6.40					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	9.35	2.00	6.40					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	8.69	2.00	6.40					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	21.56	2.00	6.40					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T01-C	1	2.78E+00	E	2.78E+00	12.93	2.00	6.40					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	16.75	2.00	6.40					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T03-C	1	2.67E+00	E	2.67E+00	8.17	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	9.09	2.00	6.40					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	17.54	2.00	6.40					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	20.97	2.00	6.40					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	1.45	2.00	6.40					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	22.90	2.00	6.40					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	14.23	2.00	6.40					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Fe	CFS-L07-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	11.12	2.00	6.40					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L07-1314-T01-A	1	6.48E+02		6.48E+02	1.12	6.80	21.60					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T02-A	1	8.30E+02		8.30E+02	1.26	6.80	21.60					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T03-A	1	7.00E+02		7.00E+02	0.37	6.80	21.60	10000	1000	1.71E+03	101%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T04-A	1	6.69E+02		6.69E+02	1.18	6.80	21.60					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T05-A	1	7.44E+02		7.44E+02	0.51	6.80	21.60					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T06-A	1	8.81E+02		8.81E+02	0.80	6.80	21.60					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T07-A	1	8.84E+02		8.84E+02	0.50	6.80	21.60					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T08-A	1	8.24E+02		8.24E+02	0.58	6.80	21.60					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T09-A	1	5.99E+02		5.99E+02	0.99	6.80	21.60					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T01-B	1	6.65E+02		6.65E+02	0.25	6.80	21.60					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T02-B	1	5.22E+02		5.22E+02	0.81	6.80	21.60					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T03-B	1	6.31E+02		6.31E+02	0.46	6.80	21.60	10000	1000	1.66E+03	103%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T04-B	1	7.28E+02		7.28E+02	0.81	6.80	21.60					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T05-B	1	8.31E+02		8.31E+02	0.68	6.80	21.60					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T06-B	1	8.59E+02		8.59E+02	0.47	6.80	21.60					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T07-B	1	8.93E+02		8.93E+02	0.71	6.80	21.60					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T08-B	1	8.31E+02		8.31E+02	0.66	6.80	21.60					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T09-B	1	8.00E+02		8.00E+02	1.27	6.80	21.60					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T01-C	1	6.50E+02		6.50E+02	1.53	6.80	21.60					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T02-C	1	6.67E+02		6.67E+02	0.81	6.80	21.60					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T03-C	1	6.35E+02		6.35E+02	0.63	6.80	21.60	10000	1000	1.64E+03	101%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T04-C	1	6.92E+02		6.92E+02	5.04	6.80	21.60					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T05-C	1	8.03E+02		8.03E+02	0.89	6.80	21.60					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T06-C	1	8.64E+02		8.64E+02	0.59	6.80	21.60					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T07-C	1	8.65E+02		8.65E+02	0.80	6.80	21.60					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T08-C	1	8.06E+02		8.06E+02	0.75	6.80	21.60					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-T09-C	1	7.55E+02		7.55E+02	0.56	6.80	21.60					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Pb	CFS-L07-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	31.47	6.80	21.60					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L07-1314-T01-A	1	1.37E+01		1.37E+01	1.77	1.90	6.00					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T02-A	1	7.01E+00		7.01E+00	1.20	1.90	6.00					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T03-A	1	1.15E+01		1.15E+01	1.05	1.90	6.00	10000	1000	1.11E+03	109%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T04-A	1	1.25E+01		1.25E+01	0.75	1.90	6.00					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T05-A	1	1.29E+01		1.29E+01	1.23	1.90	6.00					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T06-A	1	1.36E+01		1.36E+01	1.24	1.90	6.00					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T07-A	1	1.43E+01		1.43E+01	3.01	1.90	6.00					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T08-A	1	1.39E+01		1.39E+01	2.95	1.90	6.00					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T09-A	1	1.28E+01		1.28E+01	1.93	1.90	6.00					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T01-B	1	1.97E+01		1.97E+01	12.63	1.90	6.00					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T02-B	1	7.39E+00		7.39E+00	1.76	1.90	6.00					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T03-B	1	1.05E+01		1.05E+01	1.00	1.90	6.00	10000	1000	1.02E+03	101%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T04-B	1	1.35E+01		1.35E+01	1.15	1.90	6.00					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T05-B	1	1.30E+01		1.30E+01	1.14	1.90	6.00					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T06-B	1	1.64E+01		1.64E+01	3.73	1.90	6.00					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T07-B	1	1.35E+01		1.35E+01	3.68	1.90	6.00					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T08-B	1	1.09E+01		1.09E+01	2.29	1.90	6.00					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T09-B	1	1.57E+01		1.57E+01	0.41	1.90	6.00					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T01-C	1	2.19E+01		2.19E+01	1.92	1.90	6.00					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T02-C	1	7.18E+00		7.18E+00	14.48	1.90	6.00					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T03-C	1	1.13E+01		1.13E+01	1.06	1.90	6.00	10000	1000	1.08E+03	107%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T04-C	1	1.30E+01		1.30E+01	0.73	1.90	6.00					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T05-C	1	1.40E+01		1.40E+01	1.15	1.90	6.00					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T06-C	1	1.29E+01		1.29E+01	1.51	1.90	6.00					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T07-C	1	1.33E+01		1.33E+01	3.86	1.90	6.00					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T08-C	1	1.11E+01		1.11E+01	1.94	1.90	6.00					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-T09-C	1	1.55E+01		1.55E+01	1.05	1.90	6.00					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Li	CFS-L07-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	16.12	1.90	6.00					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L07-1314-T01-A	1	1.21E+04		1.21E+04	0.46	2.00	6.40					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T02-A	1	8.78E+03		8.78E+03	0.78	2.00	6.40					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T03-A	1	5.31E+03		5.31E+03	0.46	2.00	6.40	10000	1000	6.31E+03	100%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T04-A	1	4.00E+03		4.00E+03	0.94	2.00	6.40					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T05-A	1	3.00E+03		3.00E+03	0.39	2.00	6.40					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T06-A	1	1.19E+03		1.19E+03	0.81	2.00	6.40					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T07-A	1	6.00E+02		6.00E+02	0.11	2.00	6.40					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T08-A	1	4.55E+02		4.55E+02	0.94	2.00	6.40					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T09-A	1	3.07E+02		3.07E+02	2.77	2.00	6.40					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T01-B	1	1.31E+04		1.31E+04	0.62	2.00	6.40					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T02-B	1	6.25E+03		6.25E+03	9.37	2.00	6.40					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T03-B	1	4.90E+03		4.90E+03	1.21	2.00	6.40	10000	1000	5.86E+03	95%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T04-B	1	3.86E+03		3.86E+03	0.20	2.00	6.40					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T05-B	1	2.87E+03		2.87E+03	0.99	2.00	6.40					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T06-B	1	9.94E+02		9.94E+02	1.43	2.00	6.40					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T07-B	1	5.43E+02		5.43E+02	0.67	2.00	6.40					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T08-B	1	4.12E+02		4.12E+02	0.63	2.00	6.40					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T09-B	1	3.01E+02		3.01E+02	0.31	2.00	6.40					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T01-C	1	1.64E+04		1.64E+04	0.66	2.00	6.40					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T02-C	1	8.36E+03		8.36E+03	0.80	2.00	6.40					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T03-C	1	5.65E+03		5.65E+03	1.24	2.00	6.40	10000	1000	6.62E+03	98%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T04-C	1	4.47E+03		4.47E+03	5.40	2.00	6.40					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T05-C	1	3.10E+03		3.10E+03	0.62	2.00	6.40					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T06-C	1	1.01E+03		1.01E+03	0.92	2.00	6.40					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T07-C	1	5.83E+02		5.83E+02	0.52	2.00	6.40					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T08-C	1	4.58E+02		4.58E+02	0.88	2.00	6.40					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-T09-C	1	3.32E+02		3.32E+02	0.87	2.00	6.40					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Mn	CFS-L07-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	9.89	2.00	6.40					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L07-1314-T01-A	1	1.68E+06		1.68E+06	0.17	1.00	3.18					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T02-A	1	1.00E+06		1.00E+06	1.05	1.00	3.18					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T03-A	1	2.69E+05		2.69E+05	0.47	1.00	3.18	10000	1000	2.70E+05	86%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T04-A	1	7.98E+04		7.98E+04	0.62	1.00	3.18					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T05-A	1	3.68E+04		3.68E+04	1.17	1.00	3.18					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T06-A	1	1.76E+04		1.76E+04	1.55	1.00	3.18					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T07-A	1	1.33E+04		1.33E+04	0.65	1.00	3.18					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T08-A	1	8.61E+03		8.61E+03	0.95	1.00	3.18					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T09-A	1	3.99E+03		3.99E+03	1.11	1.00	3.18					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T01-B	1	1.98E+06		1.98E+06	1.07	1.00	3.18					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T02-B	1	5.82E+05		5.82E+05	2.64	1.00	3.18					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T03-B	1	1.84E+05		1.84E+05	0.27	1.00	3.18	10000	1000	1.85E+05	88%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T04-B	1	5.97E+04		5.97E+04	1.65	1.00	3.18					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T05-B	1	3.19E+04		3.19E+04	1.56	1.00	3.18					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T06-B	1	1.60E+04		1.60E+04	0.73	1.00	3.18					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T07-B	1	1.18E+04		1.18E+04	1.39	1.00	3.18					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T08-B	1	7.40E+03		7.40E+03	1.37	1.00	3.18					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T09-B	1	4.64E+03		4.64E+03	1.18	1.00	3.18					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T01-C	1	2.19E+06		2.19E+06	0.97	1.00	3.18					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T02-C	1	7.28E+05		7.28E+05	0.39	1.00	3.18					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T03-C	1	1.93E+05		1.93E+05	0.72	1.00	3.18	10000	1000	1.93E+05	87%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T04-C	1	5.74E+04		5.74E+04	3.46	1.00	3.18					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T05-C	1	3.08E+04		3.08E+04	1.26	1.00	3.18					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T06-C	1	1.61E+04		1.61E+04	0.98	1.00	3.18					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T07-C	1	1.22E+04		1.22E+04	0.40	1.00	3.18					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T08-C	1	7.56E+03		7.56E+03	0.79	1.00	3.18					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-T09-C	1	4.51E+03		4.51E+03	0.99	1.00	3.18					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Mg	CFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	8.72	1.00	3.18					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L07-1314-T01-A	1	2.17E+01		2.17E+01	7.58	1.20	3.82					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T02-A	1	1.63E+01		1.63E+01	10.04	1.20	3.82					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T03-A	1	8.44E+00		8.44E+00	7.22	1.20	3.82	10000	1000	1.10E+03	109%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T04-A	1	6.22E+00		6.22E+00	6.19	1.20	3.82					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T05-A	1	6.28E+00		6.28E+00	2.12	1.20	3.82					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T06-A	1	6.83E+00		6.83E+00	4.67	1.20	3.82					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T07-A	1	6.66E+00		6.66E+00	1.13	1.20	3.82					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T08-A	1	5.79E+00		5.79E+00	1.11	1.20	3.82					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T09-A	1	4.86E+00		4.86E+00	4.37	1.20	3.82					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T01-B	1	2.96E+01		2.96E+01	4.67	1.20	3.82					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T02-B	1	1.23E+01		1.23E+01	2.23	1.20	3.82					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T03-B	1	8.94E+00		8.94E+00	4.85	1.20	3.82	10000	1000	1.00E+03	99%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T04-B	1	8.07E+00		8.07E+00	2.55	1.20	3.82					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T05-B	1	6.83E+00		6.83E+00	7.77	1.20	3.82					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T06-B	1	7.00E+00		7.00E+00	1.19	1.20	3.82					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T07-B	1	6.71E+00		6.71E+00	2.84	1.20	3.82					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T08-B	1	5.73E+00		5.73E+00	7.04	1.20	3.82					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T09-B	1	7.18E+00		7.18E+00	8.50	1.20	3.82					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T01-C	1	2.68E+01		2.68E+01	8.22	1.20	3.82					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T02-C	1	1.21E+01		1.21E+01	5.56	1.20	3.82					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T03-C	1	8.34E+00		8.34E+00	4.83	1.20	3.82	10000	1000	1.03E+03	102%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T04-C	1	6.77E+00		6.77E+00	1.26	1.20	3.82					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T05-C	1	8.69E+00		8.69E+00	1.45	1.20	3.82					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T06-C	1	6.20E+00		6.20E+00	7.46	1.20	3.82					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T07-C	1	6.82E+00		6.82E+00	2.75	1.20	3.82					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T08-C	1	5.83E+00		5.83E+00	2.17	1.20	3.82					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-T09-C	1	7.59E+00		7.59E+00	4.26	1.20	3.82					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Mo	CFS-L07-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	14.75	1.20	3.82					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L07-1314-T01-A	1	5.84E+02		5.84E+02	0.23	1.80	5.70					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T02-A	1	4.45E+02		4.45E+02	0.37	1.80	5.70					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T03-A	1	3.18E+02		3.18E+02	0.71	1.80	5.70	10000	1000	1.41E+03	110%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T04-A	1	3.05E+02		3.05E+02	0.75	1.80	5.70					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T05-A	1	3.05E+02		3.05E+02	0.81	1.80	5.70					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T06-A	1	2.45E+02		2.45E+02	1.95	1.80	5.70					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T07-A	1	1.79E+02		1.79E+02	0.53	1.80	5.70					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T08-A	1	1.18E+02		1.18E+02	2.33	1.80	5.70					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T09-A	1	6.22E+01		6.22E+01	1.06	1.80	5.70					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T01-B	1	5.72E+02		5.72E+02	1.04	1.80	5.70					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T02-B	1	2.87E+02		2.87E+02	2.65	1.80	5.70					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T03-B	1	2.84E+02		2.84E+02	0.40	1.80	5.70	10000	1000	1.35E+03	106%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T04-B	1	2.82E+02		2.82E+02	0.31	1.80	5.70					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T05-B	1	2.91E+02		2.91E+02	1.11	1.80	5.70					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T06-B	1	2.28E+02		2.28E+02	1.10	1.80	5.70					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T07-B	1	1.71E+02		1.71E+02	1.18	1.80	5.70					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T08-B	1	1.11E+02		1.11E+02	1.47	1.80	5.70					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T09-B	1	7.39E+01		7.39E+01	1.74	1.80	5.70					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T01-C	1	7.28E+02		7.28E+02	0.33	1.80	5.70					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T02-C	1	4.18E+02		4.18E+02	0.39	1.80	5.70					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T03-C	1	3.30E+02		3.30E+02	1.69	1.80	5.70	10000	1000	1.36E+03	103%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T04-C	1	3.24E+02		3.24E+02	4.64	1.80	5.70					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T05-C	1	3.38E+02		3.38E+02	0.78	1.80	5.70					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T06-C	1	2.62E+02		2.62E+02	0.37	1.80	5.70					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T07-C	1	1.75E+02		1.75E+02	1.02	1.80	5.70					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T08-C	1	1.11E+02		1.11E+02	1.39	1.80	5.70					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-T09-C	1	7.20E+01		7.20E+01	2.14	1.80	5.70					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Ni	CFS-L07-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	4.77	1.80	5.70					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L07-1314-T01-A	1	6.16E+01		6.16E+01	21.53	3.70	11.80					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T02-A	1	6.54E+00	E	6.54E+00	13.61	3.70	11.80					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T03-A	1	1.85E+00	U1/2	1.85E+00	3.16	3.70	11.80	10000	1000	1.06E+03	106%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T04-A	1	1.85E+00	U1/2	1.85E+00	7.28	3.70	11.80					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T05-A	1	1.85E+00	U1/2	1.85E+00	11.33	3.70	11.80					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T06-A	1	1.85E+00	U1/2	1.85E+00	8.20	3.70	11.80					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T07-A	1	1.85E+00	U1/2	1.85E+00	9.88	3.70	11.80					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T08-A	1	1.85E+00	U1/2	1.85E+00	18.50	3.70	11.80					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T09-A	1	1.85E+00	U1/2	1.85E+00	11.56	3.70	11.80					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T01-B	1	5.96E+01		5.96E+01	19.58	3.70	11.80					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T02-B	1	7.33E+00	E	7.33E+00	10.12	3.70	11.80					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T03-B	1	1.85E+00	U1/2	1.85E+00	18.52	3.70	11.80	10000	1000	1.04E+03	103%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T04-B	1	1.85E+00	U1/2	1.85E+00	3.98	3.70	11.80					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T05-B	1	1.85E+00	U1/2	1.85E+00	7.57	3.70	11.80					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T06-B	1	1.85E+00	U1/2	1.85E+00	7.70	3.70	11.80					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T07-B	1	1.85E+00	U1/2	1.85E+00	9.93	3.70	11.80					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T08-B	1	1.85E+00	U1/2	1.85E+00	16.54	3.70	11.80					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T09-B	1	1.85E+00	U1/2	1.85E+00	24.71	3.70	11.80					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T01-C	1	5.43E+01		5.43E+01	14.35	3.70	11.80					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T02-C	1	8.28E+00	E	8.28E+00	26.94	3.70	11.80					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T03-C	1	1.85E+00	U1/2	1.85E+00	15.67	3.70	11.80	10000	1000	1.08E+03	108%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T04-C	1	1.85E+00	U1/2	1.85E+00	5.70	3.70	11.80					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T05-C	1	1.85E+00	U1/2	1.85E+00	8.22	3.70	11.80					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T06-C	1	1.85E+00	U1/2	1.85E+00	19.22	3.70	11.80					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T07-C	1	1.85E+00	U1/2	1.85E+00	14.78	3.70	11.80					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T08-C	1	1.85E+00	U1/2	1.85E+00	14.14	3.70	11.80					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-T09-C	1	1.85E+00	U1/2	1.85E+00	6.17	3.70	11.80					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
P	CFS-L07-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	7.12	3.70	11.80					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L07-1314-T01-A	1	1.30E+05		1.30E+05	0.69	1.60	5.09					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T02-A	1	7.07E+04		7.07E+04	0.16	1.60	5.09					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T03-A	1	3.31E+04		3.31E+04	0.74	1.60	5.09	10000	1000	3.40E+04	93%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T04-A	1	2.20E+04		2.20E+04	1.22	1.60	5.09					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T05-A	1	1.63E+04		1.63E+04	0.20	1.60	5.09					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T06-A	1	8.26E+03		8.26E+03	1.00	1.60	5.09					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T07-A	1	5.15E+03		5.15E+03	0.29	1.60	5.09					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T08-A	1	3.21E+03		3.21E+03	0.56	1.60	5.09					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T09-A	1	1.75E+03		1.75E+03	2.38	1.60	5.09					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T01-B	1	1.19E+05		1.19E+05	0.62	1.60	5.09					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T02-B	1	4.52E+04		4.52E+04	1.81	1.60	5.09					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T03-B	1	3.05E+04		3.05E+04	0.52	1.60	5.09	10000	1000	3.15E+04	92%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T04-B	1	2.11E+04		2.11E+04	0.33	1.60	5.09					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T05-B	1	1.55E+04		1.55E+04	1.21	1.60	5.09					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T06-B	1	7.48E+03		7.48E+03	0.13	1.60	5.09					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T07-B	1	4.78E+03		4.78E+03	0.73	1.60	5.09					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T08-B	1	3.02E+03		3.02E+03	0.50	1.60	5.09					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T09-B	1	2.16E+03		2.16E+03	0.52	1.60	5.09					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T01-C	1	1.35E+05		1.35E+05	0.40	1.60	5.09					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T02-C	1	5.90E+04		5.90E+04	0.34	1.60	5.09					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T03-C	1	3.20E+04		3.20E+04	0.57	1.60	5.09	10000	1000	3.30E+04	95%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T04-C	1	2.23E+04		2.23E+04	4.21	1.60	5.09					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T05-C	1	1.65E+04		1.65E+04	0.59	1.60	5.09					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T06-C	1	7.98E+03		7.98E+03	0.58	1.60	5.09					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T07-C	1	4.96E+03		4.96E+03	0.69	1.60	5.09					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T08-C	1	3.07E+03		3.07E+03	0.53	1.60	5.09					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-T09-C	1	2.10E+03		2.10E+03	0.54	1.60	5.09					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
K	CFS-L07-1314-B01-A	1	9.12E+00		9.12E+00	4.81	1.60	5.09					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L07-1314-T01-A	1	1.22E+03		1.22E+03	1.26	15.00	47.70					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T02-A	1	6.97E+02		6.97E+02	0.26	15.00	47.70					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T03-A	1	1.79E+02		1.79E+02	2.65	15.00	47.70	10000	1000	1.18E+03	100%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T04-A	1	7.21E+01		7.21E+01	4.53	15.00	47.70					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T05-A	1	5.17E+01		5.17E+01	7.66	15.00	47.70					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T06-A	1	3.11E+01	E	3.11E+01	10.76	15.00	47.70					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T07-A	1	3.64E+01	E	3.64E+01	4.93	15.00	47.70					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T08-A	1	3.30E+01	E	3.30E+01	15.40	15.00	47.70					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	32.80	15.00	47.70					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T01-B	1	1.52E+03		1.52E+03	0.81	15.00	47.70					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T02-B	1	3.36E+02		3.36E+02	3.05	15.00	47.70					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T03-B	1	1.24E+02		1.24E+02	9.81	15.00	47.70	10000	1000	1.20E+03	107%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T04-B	1	6.04E+01		6.04E+01	11.55	15.00	47.70					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T05-B	1	5.03E+01		5.03E+01	3.06	15.00	47.70					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T06-B	1	3.55E+01	E	3.55E+01	16.16	15.00	47.70					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T07-B	1	3.09E+01	E	3.09E+01	21.02	15.00	47.70					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T08-B	1	1.79E+01	E	1.79E+01	19.37	15.00	47.70					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	32.91	15.00	47.70					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T01-C	1	1.75E+03		1.75E+03	1.63	15.00	47.70					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T02-C	1	4.76E+02		4.76E+02	3.87	15.00	47.70					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T03-C	1	1.33E+02		1.33E+02	1.94	15.00	47.70	10000	1000	1.20E+03	107%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T04-C	1	6.18E+01		6.18E+01	7.83	15.00	47.70					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T05-C	1	3.45E+01	E	3.45E+01	8.44	15.00	47.70					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T06-C	1	3.51E+01	E	3.51E+01	7.22	15.00	47.70					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T07-C	1	2.05E+01	E	2.05E+01	23.56	15.00	47.70					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T08-C	1	1.88E+01	E	1.88E+01	13.40	15.00	47.70					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	22.20	15.00	47.70					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Se	CFS-L07-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	28.54	15.00	47.70					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L07-1314-T01-A	1	6.16E+03		6.16E+03	0.54	1.10	3.50					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T02-A	1	5.79E+03		5.79E+03	0.52	1.10	3.50					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T03-A	1	5.44E+03		5.44E+03	0.15	1.10	3.50	10000	1000	6.44E+03	100%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T04-A	1	5.30E+03		5.30E+03	0.44	1.10	3.50					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T05-A	1	5.37E+03		5.37E+03	0.40	1.10	3.50					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T06-A	1	4.92E+03		4.92E+03	0.84	1.10	3.50					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T07-A	1	4.75E+03		4.75E+03	0.87	1.10	3.50					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T08-A	1	4.25E+03		4.25E+03	1.84	1.10	3.50					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T09-A	1	3.67E+03		3.67E+03	1.04	1.10	3.50					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T01-B	1	5.94E+03		5.94E+03	0.52	1.10	3.50					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T02-B	1	4.56E+03		4.56E+03	0.73	1.10	3.50					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T03-B	1	5.23E+03		5.23E+03	0.75	1.10	3.50	10000	1000	6.20E+03	97%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T04-B	1	5.17E+03		5.17E+03	0.14	1.10	3.50					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T05-B	1	5.23E+03		5.23E+03	1.75	1.10	3.50					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T06-B	1	4.71E+03		4.71E+03	0.63	1.10	3.50					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T07-B	1	4.70E+03		4.70E+03	1.52	1.10	3.50					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T08-B	1	4.26E+03		4.26E+03	0.71	1.10	3.50					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T09-B	1	3.98E+03		3.98E+03	0.27	1.10	3.50					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T01-C	1	6.53E+03		6.53E+03	0.58	1.10	3.50					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T02-C	1	5.81E+03		5.81E+03	0.51	1.10	3.50					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T03-C	1	5.63E+03		5.63E+03	1.14	1.10	3.50	10000	1000	6.65E+03	101%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T04-C	1	5.47E+03		5.47E+03	5.45	1.10	3.50					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T05-C	1	5.58E+03		5.58E+03	0.83	1.10	3.50					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T06-C	1	5.00E+03		5.00E+03	0.89	1.10	3.50					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T07-C	1	4.87E+03		4.87E+03	0.97	1.10	3.50					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T08-C	1	4.32E+03		4.32E+03	0.98	1.10	3.50					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-T09-C	1	3.98E+03		3.98E+03	1.30	1.10	3.50					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Si	CFS-L07-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	22.50	1.10	3.50					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L07-1314-T01-A	1	2.22E+05		2.22E+05	0.42	2.50	8.00					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T02-A	1	1.38E+05		1.38E+05	0.39	2.50	8.00					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T03-A	1	3.14E+04		3.14E+04	0.16	2.50	8.00	10000	1000	3.24E+04	96%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T04-A	1	7.35E+03		7.35E+03	0.77	2.50	8.00					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T05-A	1	4.11E+03		4.11E+03	0.12	2.50	8.00					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T06-A	1	1.95E+03		1.95E+03	0.37	2.50	8.00					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T07-A	1	1.57E+03		1.57E+03	0.78	2.50	8.00					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T08-A	1	1.15E+03		1.15E+03	0.20	2.50	8.00					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T09-A	1	7.71E+02		7.71E+02	0.67	2.50	8.00					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T01-B	1	2.44E+05		2.44E+05	0.82	2.50	8.00					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T02-B	1	8.26E+04		8.26E+04	1.44	2.50	8.00					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T03-B	1	1.70E+04		1.70E+04	0.31	2.50	8.00	10000	1000	1.80E+04	95%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T04-B	1	5.82E+03		5.82E+03	0.80	2.50	8.00					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T05-B	1	3.57E+03		3.57E+03	0.57	2.50	8.00					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T06-B	1	1.83E+03		1.83E+03	1.25	2.50	8.00					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T07-B	1	1.47E+03		1.47E+03	0.50	2.50	8.00					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T08-B	1	1.10E+03		1.10E+03	1.05	2.50	8.00					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T09-B	1	8.74E+02		8.74E+02	0.47	2.50	8.00					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T01-C	1	2.64E+05		2.64E+05	0.21	2.50	8.00					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T02-C	1	1.03E+05		1.03E+05	0.87	2.50	8.00					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T03-C	1	1.94E+04		1.94E+04	0.22	2.50	8.00	10000	1000	2.03E+04	94%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T04-C	1	6.38E+03		6.38E+03	1.45	2.50	8.00					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T05-C	1	3.78E+03		3.78E+03	0.37	2.50	8.00					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T06-C	1	1.91E+03		1.91E+03	0.82	2.50	8.00					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T07-C	1	1.53E+03		1.53E+03	0.75	2.50	8.00					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T08-C	1	1.09E+03		1.09E+03	0.71	2.50	8.00					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-T09-C	1	8.24E+02		8.24E+02	0.96	2.50	8.00					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Na	CFS-L07-1314-B01-A	1	7.52E+00	E	7.52E+00	2.06	2.50	8.00					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L07-1314-T01-A	1	4.00E+03		4.00E+03	1.09	1.00	3.18					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T02-A	1	3.47E+03		3.47E+03	0.22	1.00	3.18					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T03-A	1	3.04E+03		3.04E+03	1.68	1.00	3.18	10000	1000	4.09E+03	105%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T04-A	1	2.82E+03		2.82E+03	0.90	1.00	3.18					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T05-A	1	2.47E+03		2.47E+03	0.56	1.00	3.18					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T06-A	1	1.78E+03		1.78E+03	0.74	1.00	3.18					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T07-A	1	1.53E+03		1.53E+03	0.26	1.00	3.18					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T08-A	1	1.40E+03		1.40E+03	1.33	1.00	3.18					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T09-A	1	1.19E+03		1.19E+03	1.07	1.00	3.18					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T01-B	1	4.30E+03		4.30E+03	0.61	1.00	3.18					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T02-B	1	3.04E+03		3.04E+03	1.37	1.00	3.18					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T03-B	1	3.19E+03		3.19E+03	0.92	1.00	3.18	10000	1000	4.15E+03	96%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T04-B	1	2.94E+03		2.94E+03	0.35	1.00	3.18					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T05-B	1	2.44E+03		2.44E+03	1.52	1.00	3.18					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T06-B	1	1.64E+03		1.64E+03	0.32	1.00	3.18					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T07-B	1	1.48E+03		1.48E+03	1.46	1.00	3.18					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T08-B	1	1.37E+03		1.37E+03	0.45	1.00	3.18					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T09-B	1	1.29E+03		1.29E+03	0.34	1.00	3.18					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T01-C	1	4.31E+03		4.31E+03	1.53	1.00	3.18					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T02-C	1	3.22E+03		3.22E+03	0.68	1.00	3.18					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T03-C	1	3.13E+03		3.13E+03	0.71	1.00	3.18	10000	1000	4.11E+03	98%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T04-C	1	2.97E+03		2.97E+03	5.24	1.00	3.18					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T05-C	1	2.44E+03		2.44E+03	0.77	1.00	3.18					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T06-C	1	1.70E+03		1.70E+03	0.84	1.00	3.18					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T07-C	1	1.52E+03		1.52E+03	1.28	1.00	3.18					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T08-C	1	1.37E+03		1.37E+03	1.16	1.00	3.18					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-T09-C	1	1.27E+03		1.27E+03	0.87	1.00	3.18					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Sr	CFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	20.28	1.00	3.18					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L07-1314-T01-A	1	1.81E+06		1.81E+06	0.37	6.80	21.60					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T02-A	1	1.32E+06		1.32E+06	0.36	6.80	21.60					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T03-A	1	6.79E+05		6.79E+05	0.64	6.80	21.60	10000	1000	6.80E+05	86%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T04-A	1	5.05E+05		5.05E+05	1.03	6.80	21.60					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T05-A	1	4.69E+05		4.69E+05	0.11	6.80	21.60					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T06-A	1	4.54E+05		4.54E+05	1.25	6.80	21.60					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T07-A	1	4.51E+05		4.51E+05	0.31	6.80	21.60					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T08-A	1	4.43E+05		4.43E+05	0.59	6.80	21.60					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T09-A	1	3.43E+05		3.43E+05	1.82	6.80	21.60					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T01-B	1	1.97E+06		1.97E+06	0.98	6.80	21.60					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T02-B	1	8.71E+05		8.71E+05	0.84	6.80	21.60					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T03-B	1	6.02E+05		6.02E+05	0.71	6.80	21.60	10000	1000	6.03E+05	89%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T04-B	1	4.88E+05		4.88E+05	0.33	6.80	21.60					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T05-B	1	4.65E+05		4.65E+05	1.42	6.80	21.60					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T06-B	1	4.43E+05		4.43E+05	0.35	6.80	21.60					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T07-B	1	4.49E+05		4.49E+05	0.91	6.80	21.60					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T08-B	1	4.38E+05		4.38E+05	0.44	6.80	21.60					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T09-B	1	4.32E+05		4.32E+05	0.88	6.80	21.60					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T01-C	1	2.09E+06		2.09E+06	0.52	6.80	21.60					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T02-C	1	1.10E+06		1.10E+06	0.31	6.80	21.60					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T03-C	1	6.17E+05		6.17E+05	0.59	6.80	21.60	10000	1000	6.18E+05	83%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T04-C	1	4.91E+05		4.91E+05	4.56	6.80	21.60					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T05-C	1	4.69E+05		4.69E+05	0.71	6.80	21.60					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T06-C	1	4.52E+05		4.52E+05	0.60	6.80	21.60					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T07-C	1	4.48E+05		4.48E+05	0.68	6.80	21.60					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T08-C	1	4.38E+05		4.38E+05	0.39	6.80	21.60					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-T09-C	1	4.30E+05		4.30E+05	0.48	6.80	21.60					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
S	CFS-L07-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	20.26	6.80	21.60					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L07-1314-T01-A	1	1.42E+03		1.42E+03	0.90	4.60	14.60					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T02-A	1	1.14E+03		1.14E+03	0.63	4.60	14.60					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T03-A	1	6.47E+02		6.47E+02	0.55	4.60	14.60	10000	1000	1.70E+03	105%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T04-A	1	4.71E+02		4.71E+02	1.47	4.60	14.60					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T05-A	1	3.93E+02		3.93E+02	1.38	4.60	14.60					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T06-A	1	2.44E+02		2.44E+02	2.58	4.60	14.60					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T07-A	1	1.81E+02		1.81E+02	2.58	4.60	14.60					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T08-A	1	1.30E+02		1.30E+02	1.18	4.60	14.60					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T09-A	1	7.36E+01		7.36E+01	1.42	4.60	14.60					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T01-B	1	1.55E+03		1.55E+03	0.38	4.60	14.60					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T02-B	1	7.58E+02		7.58E+02	2.76	4.60	14.60					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T03-B	1	5.83E+02		5.83E+02	2.55	4.60	14.60	10000	1000	1.54E+03	95%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T04-B	1	4.40E+02		4.40E+02	2.07	4.60	14.60					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T05-B	1	3.69E+02		3.69E+02	1.08	4.60	14.60					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T06-B	1	2.15E+02		2.15E+02	2.29	4.60	14.60					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T07-B	1	1.67E+02		1.67E+02	1.19	4.60	14.60					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T08-B	1	1.16E+02		1.16E+02	2.44	4.60	14.60					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T09-B	1	9.58E+01		9.58E+01	3.05	4.60	14.60					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T01-C	1	1.63E+03		1.63E+03	0.38	4.60	14.60					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T02-C	1	9.53E+02		9.53E+02	1.04	4.60	14.60					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T03-C	1	6.05E+02		6.05E+02	0.48	4.60	14.60	10000	1000	1.67E+03	107%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T04-C	1	4.62E+02		4.62E+02	3.46	4.60	14.60					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T05-C	1	3.83E+02		3.83E+02	1.65	4.60	14.60					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T06-C	1	2.29E+02		2.29E+02	2.77	4.60	14.60					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T07-C	1	1.69E+02		1.69E+02	2.03	4.60	14.60					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T08-C	1	1.21E+02		1.21E+02	1.32	4.60	14.60					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-T09-C	1	9.22E+01		9.22E+01	1.36	4.60	14.60					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Tl	CFS-L07-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	22.15	4.60	14.60					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L07-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	33.54	2.00	6.40					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	24.89	2.00	6.40					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	40.49	2.00	6.40	10000	1000	1.05E+03	105%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	23.38	2.00	6.40					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	18.60	2.00	6.40					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	24.93	2.00	6.40					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	17.19	2.00	6.40					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	32.78	2.00	6.40					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	23.41	2.00	6.40					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	37.20	2.00	6.40					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	13.25	2.00	6.40					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	38.32	2.00	6.40	10000	1000	1.04E+03	104%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	24.74	2.00	6.40					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	33.29	2.00	6.40					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	24.91	2.00	6.40					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	15.81	2.00	6.40					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	18.59	2.00	6.40					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	20.43	2.00	6.40					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	9.75	2.00	6.40					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	33.59	2.00	6.40					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	17.30	2.00	6.40	10000	1000	1.06E+03	105%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	34.92	2.00	6.40					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	21.21	2.00	6.40					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	83.22	2.00	6.40					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	25.03	2.00	6.40					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	13.44	2.00	6.40					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	17.76	2.00	6.40					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Ti	CFS-L07-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	8.41	2.00	6.40					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L07-1314-T01-A	1	2.89E+01		2.89E+01	3.14	1.50	4.77					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T02-A	1	3.12E+01		3.12E+01	1.07	1.50	4.77					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T03-A	1	3.42E+01		3.42E+01	1.73	1.50	4.77	10000	1000	9.56E+02	92%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T04-A	1	3.64E+01		3.64E+01	0.61	1.50	4.77					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T05-A	1	3.72E+01		3.72E+01	2.69	1.50	4.77					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T06-A	1	3.84E+01		3.84E+01	1.89	1.50	4.77					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T07-A	1	3.89E+01		3.89E+01	2.60	1.50	4.77					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T08-A	1	3.85E+01		3.85E+01	2.95	1.50	4.77					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T09-A	1	3.18E+01		3.18E+01	3.30	1.50	4.77					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T01-B	1	2.92E+01		2.92E+01	1.79	1.50	4.77					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T02-B	1	2.75E+01		2.75E+01	2.59	1.50	4.77					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T03-B	1	3.49E+01		3.49E+01	1.74	1.50	4.77	10000	1000	9.37E+02	90%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T04-B	1	3.74E+01		3.74E+01	0.59	1.50	4.77					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T05-B	1	3.90E+01		3.90E+01	1.60	1.50	4.77					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T06-B	1	3.75E+01		3.75E+01	1.15	1.50	4.77					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T07-B	1	3.98E+01		3.98E+01	3.54	1.50	4.77					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T08-B	1	3.84E+01		3.84E+01	1.21	1.50	4.77					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T09-B	1	3.90E+01		3.90E+01	2.43	1.50	4.77					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T01-C	1	2.92E+01		2.92E+01	2.81	1.50	4.77					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T02-C	1	3.07E+01		3.07E+01	1.65	1.50	4.77					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T03-C	1	3.47E+01		3.47E+01	4.92	1.50	4.77	10000	1000	9.26E+02	89%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T04-C	1	3.64E+01		3.64E+01	2.65	1.50	4.77					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T05-C	1	3.76E+01		3.76E+01	0.48	1.50	4.77					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T06-C	1	3.90E+01		3.90E+01	1.67	1.50	4.77					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T07-C	1	3.89E+01		3.89E+01	1.51	1.50	4.77					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T08-C	1	3.93E+01		3.93E+01	2.25	1.50	4.77					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-T09-C	1	3.76E+01		3.76E+01	0.62	1.50	4.77					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
V	CFS-L07-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	27.53	1.50	4.77					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L07-1314-T01-A	1	4.91E+04		4.91E+04	0.30	1.00	3.18					VU ICP-OES	12/8/11 2:47 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T02-A	1	4.02E+04		4.02E+04	0.93	1.00	3.18					VU ICP-OES	12/8/11 2:48 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T03-A	1	3.10E+04		3.10E+04	0.83	1.00	3.18	10000	1000	3.19E+04	91%	VU ICP-OES	12/8/11 2:50 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T04-A	1	3.06E+04		3.06E+04	0.80	1.00	3.18					VU ICP-OES	12/8/11 2:52 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T05-A	1	3.15E+04		3.15E+04	0.36	1.00	3.18					VU ICP-OES	12/8/11 2:53 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T06-A	1	2.85E+04		2.85E+04	0.99	1.00	3.18					VU ICP-OES	12/8/11 2:55 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T07-A	1	2.39E+04		2.39E+04	0.58	1.00	3.18					VU ICP-OES	12/8/11 2:57 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T08-A	1	1.85E+04		1.85E+04	2.28	1.00	3.18					VU ICP-OES	12/8/11 2:58 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T09-A	1	1.36E+04		1.36E+04	4.05	1.00	3.18					VU ICP-OES	12/8/11 3:00 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T01-B	1	4.50E+04		4.50E+04	1.05	1.00	3.18					VU ICP-OES	12/8/11 3:08 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T02-B	1	2.72E+04		2.72E+04	1.58	1.00	3.18					VU ICP-OES	12/8/11 3:10 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T03-B	1	2.73E+04		2.73E+04	13.82	1.00	3.18	10000	1000	2.82E+04	94%	VU ICP-OES	12/8/11 3:11 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T04-B	1	2.81E+04		2.81E+04	0.45	1.00	3.18					VU ICP-OES	12/8/11 3:13 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T05-B	1	2.90E+04		2.90E+04	1.25	1.00	3.18					VU ICP-OES	12/8/11 3:15 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T06-B	1	2.60E+04		2.60E+04	0.47	1.00	3.18					VU ICP-OES	12/8/11 3:16 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T07-B	1	2.28E+04		2.28E+04	1.11	1.00	3.18					VU ICP-OES	12/8/11 3:18 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T08-B	1	1.81E+04		1.81E+04	0.77	1.00	3.18					VU ICP-OES	12/8/11 3:20 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T09-B	1	1.49E+04		1.49E+04	0.72	1.00	3.18					VU ICP-OES	12/8/11 3:21 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T01-C	1	5.83E+04		5.83E+04	1.10	1.00	3.18					VU ICP-OES	12/8/11 3:23 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T02-C	1	3.73E+04		3.73E+04	0.66	1.00	3.18					VU ICP-OES	12/8/11 3:25 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T03-C	1	3.26E+04		3.26E+04	1.14	1.00	3.18	10000	1000	3.35E+04	94%	VU ICP-OES	12/8/11 3:26 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T04-C	1	3.29E+04		3.29E+04	4.78	1.00	3.18					VU ICP-OES	12/8/11 3:28 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T05-C	1	3.37E+04		3.37E+04	0.64	1.00	3.18					VU ICP-OES	12/8/11 3:30 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T06-C	1	2.98E+04		2.98E+04	1.12	1.00	3.18					VU ICP-OES	12/8/11 3:31 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T07-C	1	2.48E+04		2.48E+04	0.65	1.00	3.18					VU ICP-OES	12/8/11 3:33 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T08-C	1	1.90E+04		1.90E+04	1.23	1.00	3.18					VU ICP-OES	12/8/11 3:35 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-T09-C	1	1.45E+04		1.45E+04	2.07	1.00	3.18					VU ICP-OES	12/8/11 3:36 PM	EPA Interlab L07 1314 CFS
Zn	CFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	6.32	1.00	3.18					VU ICP-OES	12/8/11 2:32 PM	EPA Interlab L07 1314 CFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L10-1314-T01-A	1	5.55E+01		5.55E+01	9.49	1.00	3.18					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T02-A	1	4.81E+01		4.81E+01	4.04	1.00	3.18					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T03-A	1	4.68E+01		4.68E+01	4.53	1.00	3.18	10000	1000	1.04E+03	99%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T04-A	1	3.92E+01		3.92E+01	7.20	1.00	3.18					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T05-A	1	4.79E+01		4.79E+01	5.78	1.00	3.18					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T06-A	1	3.63E+01		3.63E+01	2.61	1.00	3.18					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T07-A	1	4.96E+01		4.96E+01	1.69	1.00	3.18					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T08-A	1	3.86E+01		3.86E+01	3.52	1.00	3.18					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T09-A	1	3.63E+01		3.63E+01	2.93	1.00	3.18					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T01-B	1	5.89E+01		5.89E+01	6.81	1.00	3.18					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T02-B	1	4.53E+01		4.53E+01	7.70	1.00	3.18					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T03-B	1	4.41E+01		4.41E+01	6.27	1.00	3.18	10000	1000	1.10E+03	105%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T04-B	1	3.87E+01		3.87E+01	8.11	1.00	3.18					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T05-B	1	4.31E+01		4.31E+01	1.22	1.00	3.18					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T06-B	1	3.85E+01		3.85E+01	9.28	1.00	3.18					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T07-B	1	4.03E+01		4.03E+01	4.36	1.00	3.18					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T08-B	1	3.35E+01		3.35E+01	1.00	1.00	3.18					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T09-B	1	3.83E+01		3.83E+01	3.43	1.00	3.18					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T01-C	1	5.66E+01		5.66E+01	5.56	1.00	3.18					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T02-C	1	5.58E+01		5.58E+01	5.22	1.00	3.18					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T03-C	1	4.85E+01		4.85E+01	3.28	1.00	3.18	10000	1000	1.07E+03	102%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T04-C	1	4.10E+01		4.10E+01	1.76	1.00	3.18					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T05-C	1	4.05E+01		4.05E+01	8.92	1.00	3.18					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T06-C	1	4.21E+01		4.21E+01	2.58	1.00	3.18					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T07-C	1	3.90E+01		3.90E+01	4.48	1.00	3.18					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T08-C	1	3.55E+01		3.55E+01	6.42	1.00	3.18					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-T09-C	1	3.92E+01		3.92E+01	1.93	1.00	3.18					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Al	CFS-L10-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	38.03	1.00	3.18					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L10-1314-T01-A	1	7.06E+01		7.06E+01	9.08	7.50	23.90					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T02-A	1	3.54E+01		3.54E+01	5.83	7.50	23.90					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T03-A	1	2.53E+01		2.53E+01	7.52	7.50	23.90	10000	1000	1.18E+03	115%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T04-A	1	1.93E+01	E	1.93E+01	6.77	7.50	23.90					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T05-A	1	1.93E+01	E	1.93E+01	15.07	7.50	23.90					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T06-A	1	1.87E+01	E	1.87E+01	4.38	7.50	23.90					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T07-A	1	1.53E+01	E	1.53E+01	1.37	7.50	23.90					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T08-A	1	1.38E+01	E	1.38E+01	6.43	7.50	23.90					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T09-A	1	1.30E+01	E	1.30E+01	5.33	7.50	23.90					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T01-B	1	6.52E+01		6.52E+01	2.51	7.50	23.90					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T02-B	1	3.76E+01		3.76E+01	5.03	7.50	23.90					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T03-B	1	2.63E+01		2.63E+01	4.61	7.50	23.90	10000	1000	1.15E+03	112%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T04-B	1	1.91E+01	E	1.91E+01	1.95	7.50	23.90					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T05-B	1	2.06E+01	E	2.06E+01	12.11	7.50	23.90					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T06-B	1	1.82E+01	E	1.82E+01	6.28	7.50	23.90					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T07-B	1	1.49E+01	E	1.49E+01	13.35	7.50	23.90					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T08-B	1	1.20E+01	E	1.20E+01	22.64	7.50	23.90					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T09-B	1	1.11E+01	E	1.11E+01	7.65	7.50	23.90					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T01-C	1	7.05E+01		7.05E+01	13.69	7.50	23.90					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T02-C	1	3.47E+01		3.47E+01	2.21	7.50	23.90					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T03-C	1	2.52E+01		2.52E+01	7.62	7.50	23.90	10000	1000	1.14E+03	111%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T04-C	1	2.07E+01	E	2.07E+01	3.36	7.50	23.90					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T05-C	1	2.09E+01	E	2.09E+01	12.35	7.50	23.90					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T06-C	1	1.88E+01	E	1.88E+01	8.64	7.50	23.90					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T07-C	1	1.44E+01	E	1.44E+01	10.20	7.50	23.90					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T08-C	1	1.12E+01	E	1.12E+01	0.87	7.50	23.90					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-T09-C	1	1.34E+01	E	1.34E+01	9.81	7.50	23.90					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Sb	CFS-L10-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	7.38	7.50	23.90					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L10-1314-T01-A	1	4.36E+01		4.36E+01	2.79	11.00	35.00					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T02-A	1	3.12E+01	E	3.12E+01	1.76	11.00	35.00					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T03-A	1	2.14E+01	E	2.14E+01	2.53	11.00	35.00	10000	1000	1.09E+03	107%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T04-A	1	2.30E+01	E	2.30E+01	3.32	11.00	35.00					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T05-A	1	1.54E+01	E	1.54E+01	3.90	11.00	35.00					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T06-A	1	1.63E+01	E	1.63E+01	3.35	11.00	35.00					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T07-A	1	1.71E+01	E	1.71E+01	0.59	11.00	35.00					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T08-A	1	1.30E+01	E	1.30E+01	4.01	11.00	35.00					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T09-A	1	1.47E+01	E	1.47E+01	5.51	11.00	35.00					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T01-B	1	4.27E+01		4.27E+01	1.03	11.00	35.00					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T02-B	1	3.31E+01	E	3.31E+01	4.19	11.00	35.00					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T03-B	1	2.37E+01	E	2.37E+01	3.44	11.00	35.00	10000	1000	1.07E+03	105%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T04-B	1	2.28E+01	E	2.28E+01	1.61	11.00	35.00					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T05-B	1	1.50E+01	E	1.50E+01	3.38	11.00	35.00					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T06-B	1	1.54E+01	E	1.54E+01	1.65	11.00	35.00					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T07-B	1	1.60E+01	E	1.60E+01	1.96	11.00	35.00					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T08-B	1	1.44E+01	E	1.44E+01	0.91	11.00	35.00					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T09-B	1	1.56E+01	E	1.56E+01	1.08	11.00	35.00					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T01-C	1	4.42E+01		4.42E+01	4.11	11.00	35.00					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T02-C	1	3.55E+01		3.55E+01	5.42	11.00	35.00					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T03-C	1	2.24E+01	E	2.24E+01	6.11	11.00	35.00	10000	1000	1.04E+03	102%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T04-C	1	2.14E+01	E	2.14E+01	5.03	11.00	35.00					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T05-C	1	1.52E+01	E	1.52E+01	0.96	11.00	35.00					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T06-C	1	1.75E+01	E	1.75E+01	5.74	11.00	35.00					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T07-C	1	1.43E+01	E	1.43E+01	1.84	11.00	35.00					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T08-C	1	1.25E+01	E	1.25E+01	2.40	11.00	35.00					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-T09-C	1	1.33E+01	E	1.33E+01	2.82	11.00	35.00					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
As	CFS-L10-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	2.00	11.00	35.00					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L10-1314-T01-A	1	2.06E+03		2.06E+03	1.13	1.00	3.18					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T02-A	1	9.73E+02		9.73E+02	0.75	1.00	3.18					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T03-A	1	4.73E+02		4.73E+02	2.07	1.00	3.18	10000	1000	1.34E+03	86%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T04-A	1	2.73E+02		2.73E+02	0.73	1.00	3.18					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T05-A	1	1.81E+02		1.81E+02	0.36	1.00	3.18					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T06-A	1	1.02E+02		1.02E+02	3.01	1.00	3.18					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T07-A	1	7.87E+01		7.87E+01	2.34	1.00	3.18					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T08-A	1	6.27E+01		6.27E+01	4.65	1.00	3.18					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T09-A	1	4.86E+01		4.86E+01	3.14	1.00	3.18					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T01-B	1	1.49E+03		1.49E+03	0.49	1.00	3.18					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T02-B	1	1.40E+03		1.40E+03	0.35	1.00	3.18					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T03-B	1	6.92E+02		6.92E+02	0.83	1.00	3.18	10000	1000	1.58E+03	88%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T04-B	1	3.45E+02		3.45E+02	0.61	1.00	3.18					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T05-B	1	2.23E+02		2.23E+02	1.74	1.00	3.18					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T06-B	1	1.19E+02		1.19E+02	1.21	1.00	3.18					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T07-B	1	8.20E+01		8.20E+01	2.04	1.00	3.18					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T08-B	1	5.07E+01		5.07E+01	5.05	1.00	3.18					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T09-B	1	5.07E+01		5.07E+01	2.57	1.00	3.18					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T01-C	1	1.59E+03		1.59E+03	1.00	1.00	3.18					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T02-C	1	1.15E+03		1.15E+03	0.62	1.00	3.18					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T03-C	1	6.01E+02		6.01E+02	0.80	1.00	3.18	10000	1000	1.47E+03	87%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T04-C	1	3.29E+02		3.29E+02	0.23	1.00	3.18					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T05-C	1	2.18E+02		2.18E+02	1.19	1.00	3.18					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T06-C	1	1.19E+02		1.19E+02	1.03	1.00	3.18					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T07-C	1	7.67E+01		7.67E+01	1.64	1.00	3.18					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T08-C	1	5.39E+01		5.39E+01	2.21	1.00	3.18					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-T09-C	1	5.02E+01		5.02E+01	2.21	1.00	3.18					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
B	CFS-L10-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	10.95	1.00	3.18					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L10-1314-T01-A	1	4.57E+01		4.57E+01	1.63	1.00	3.18					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T02-A	1	5.98E+01		5.98E+01	0.93	1.00	3.18					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T03-A	1	7.07E+01		7.07E+01	1.82	1.00	3.18	10000	1000	1.03E+03	96%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T04-A	1	7.51E+01		7.51E+01	0.53	1.00	3.18					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T05-A	1	7.76E+01		7.76E+01	0.24	1.00	3.18					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T06-A	1	8.24E+01		8.24E+01	0.18	1.00	3.18					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T07-A	1	8.91E+01		8.91E+01	0.80	1.00	3.18					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T08-A	1	9.38E+01		9.38E+01	0.36	1.00	3.18					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T09-A	1	9.89E+01		9.89E+01	0.47	1.00	3.18					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T01-B	1	5.02E+01		5.02E+01	2.43	1.00	3.18					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T02-B	1	5.40E+01		5.40E+01	0.89	1.00	3.18					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T03-B	1	7.01E+01		7.01E+01	0.41	1.00	3.18	10000	1000	1.04E+03	97%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T04-B	1	7.67E+01		7.67E+01	0.35	1.00	3.18					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T05-B	1	7.84E+01		7.84E+01	0.69	1.00	3.18					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T06-B	1	8.23E+01		8.23E+01	1.13	1.00	3.18					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T07-B	1	8.52E+01		8.52E+01	1.57	1.00	3.18					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T08-B	1	9.87E+01		9.87E+01	0.49	1.00	3.18					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T09-B	1	9.47E+01		9.47E+01	1.17	1.00	3.18					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T01-C	1	5.04E+01		5.04E+01	1.66	1.00	3.18					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T02-C	1	5.87E+01		5.87E+01	2.97	1.00	3.18					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T03-C	1	7.20E+01		7.20E+01	0.72	1.00	3.18	10000	1000	1.01E+03	94%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T04-C	1	7.75E+01		7.75E+01	0.64	1.00	3.18					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T05-C	1	8.01E+01		8.01E+01	0.68	1.00	3.18					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T06-C	1	8.42E+01		8.42E+01	0.06	1.00	3.18					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T07-C	1	8.69E+01		8.69E+01	0.21	1.00	3.18					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T08-C	1	9.08E+01		9.08E+01	0.87	1.00	3.18					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-T09-C	1	1.08E+02		1.08E+02	0.86	1.00	3.18					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Ba	CFS-L10-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	23.55	1.00	3.18					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L10-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	5.92	1.90	6.00					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	9.15	1.90	6.00					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	6.00	1.90	6.00	10000	1000	1.16E+03	116%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	3.26	1.90	6.00					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	12.01	1.90	6.00					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	8.85	1.90	6.00					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	4.80	1.90	6.00					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	8.29	1.90	6.00					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	22.12	1.90	6.00					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	11.57	1.90	6.00					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	15.03	1.90	6.00					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	3.66	1.90	6.00	10000	1000	1.14E+03	114%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	14.96	1.90	6.00					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	19.79	1.90	6.00					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	23.86	1.90	6.00					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	15.31	1.90	6.00					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	19.89	1.90	6.00					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	9.06	1.90	6.00					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	9.26	1.90	6.00					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	11.11	1.90	6.00					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	17.95	1.90	6.00	10000	1000	1.12E+03	112%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	3.58	1.90	6.00					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	15.54	1.90	6.00					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	7.35	1.90	6.00					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	18.47	1.90	6.00					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	2.89	1.90	6.00					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	6.89	1.90	6.00					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Be	CFS-L10-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	2.57	1.90	6.00					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L10-1314-T01-A	1	1.61E+04		1.61E+04	0.40	2.20	7.00					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T02-A	1	1.00E+04		1.00E+04	0.77	2.20	7.00					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T03-A	1	8.55E+03		8.55E+03	1.36	2.20	7.00	10000	1000	9.54E+03	99%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T04-A	1	8.19E+03		8.19E+03	0.79	2.20	7.00					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T05-A	1	8.72E+03		8.72E+03	0.59	2.20	7.00					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T06-A	1	7.09E+03		7.09E+03	0.07	2.20	7.00					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T07-A	1	5.96E+03		5.96E+03	1.08	2.20	7.00					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T08-A	1	4.12E+03		4.12E+03	0.52	2.20	7.00					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T09-A	1	3.03E+03		3.03E+03	0.55	2.20	7.00					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T01-B	1	1.19E+04		1.19E+04	0.63	2.20	7.00					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T02-B	1	1.08E+04		1.08E+04	0.65	2.20	7.00					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T03-B	1	8.46E+03		8.46E+03	0.50	2.20	7.00	10000	1000	9.40E+03	94%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T04-B	1	8.51E+03		8.51E+03	0.32	2.20	7.00					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T05-B	1	8.36E+03		8.36E+03	0.64	2.20	7.00					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T06-B	1	7.02E+03		7.02E+03	0.66	2.20	7.00					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T07-B	1	5.84E+03		5.84E+03	1.13	2.20	7.00					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T08-B	1	4.18E+03		4.18E+03	0.70	2.20	7.00					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T09-B	1	3.40E+03		3.40E+03	0.88	2.20	7.00					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T01-C	1	1.39E+04		1.39E+04	1.21	2.20	7.00					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T02-C	1	1.04E+04		1.04E+04	1.69	2.20	7.00					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T03-C	1	9.08E+03		9.08E+03	0.72	2.20	7.00	10000	1000	1.01E+04	99%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T04-C	1	8.29E+03		8.29E+03	0.33	2.20	7.00					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T05-C	1	7.86E+03		7.86E+03	0.59	2.20	7.00					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T06-C	1	6.68E+03		6.68E+03	0.46	2.20	7.00					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T07-C	1	5.44E+03		5.44E+03	0.62	2.20	7.00					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T08-C	1	4.41E+03		4.41E+03	0.72	2.20	7.00					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-T09-C	1	3.35E+03		3.35E+03	1.28	2.20	7.00					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Cd	CFS-L10-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	8.15	2.20	7.00					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L10-1314-T01-A	1	4.45E+05		4.45E+05	0.23	2.60	8.30					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T02-A	1	5.20E+05		5.20E+05	0.74	2.60	8.30					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T03-A	1	5.71E+05		5.71E+05	1.18	2.60	8.30	10000	1000	5.72E+05	84%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T04-A	1	5.97E+05		5.97E+05	0.43	2.60	8.30					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T05-A	1	6.09E+05		6.09E+05	0.50	2.60	8.30					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T06-A	1	6.09E+05		6.09E+05	0.31	2.60	8.30					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T07-A	1	6.12E+05		6.12E+05	1.42	2.60	8.30					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T08-A	1	6.24E+05		6.24E+05	0.21	2.60	8.30					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T09-A	1	5.99E+05		5.99E+05	0.63	2.60	8.30					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T01-B	1	4.80E+05		4.80E+05	0.49	2.60	8.30					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T02-B	1	4.80E+05		4.80E+05	0.20	2.60	8.30					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T03-B	1	5.50E+05		5.50E+05	0.40	2.60	8.30	10000	1000	5.51E+05	87%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T04-B	1	5.88E+05		5.88E+05	0.45	2.60	8.30					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T05-B	1	6.00E+05		6.00E+05	0.35	2.60	8.30					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T06-B	1	6.08E+05		6.08E+05	0.91	2.60	8.30					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T07-B	1	6.08E+05		6.08E+05	0.80	2.60	8.30					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T08-B	1	5.75E+05		5.75E+05	0.65	2.60	8.30					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T09-B	1	6.16E+05		6.16E+05	0.80	2.60	8.30					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T01-C	1	4.75E+05		4.75E+05	0.66	2.60	8.30					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T02-C	1	5.09E+05		5.09E+05	0.57	2.60	8.30					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T03-C	1	5.64E+05		5.64E+05	0.47	2.60	8.30	10000	1000	5.65E+05	91%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T04-C	1	5.96E+05		5.96E+05	0.58	2.60	8.30					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T05-C	1	6.07E+05		6.07E+05	0.26	2.60	8.30					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T06-C	1	6.11E+05		6.11E+05	0.27	2.60	8.30					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T07-C	1	6.17E+05		6.17E+05	0.22	2.60	8.30					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T08-C	1	6.14E+05		6.14E+05	0.53	2.60	8.30					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-T09-C	1	5.31E+05		5.31E+05	0.99	2.60	8.30					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Ca	CFS-L10-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	4.46	2.60	8.30					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L10-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	4.63	1.20	3.82					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	10.23	1.20	3.82					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	16.96	1.20	3.82	10000	1000	1.06E+03	106%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	37.89	1.20	3.82					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	51.53	1.20	3.82					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	23.42	1.20	3.82					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	34.57	1.20	3.82					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	68.37	1.20	3.82					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	22.63	1.20	3.82					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	13.30	1.20	3.82					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	13.70	1.20	3.82					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	15.13	1.20	3.82	10000	1000	1.06E+03	106%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	26.98	1.20	3.82					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	47.38	1.20	3.82					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	54.24	1.20	3.82					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	74.94	1.20	3.82					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	46.83	1.20	3.82					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	48.27	1.20	3.82					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	17.93	1.20	3.82					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	11.80	1.20	3.82					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	26.22	1.20	3.82	10000	1000	1.04E+03	104%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	15.53	1.20	3.82					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	35.54	1.20	3.82					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	55.25	1.20	3.82					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	50.99	1.20	3.82					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	84.55	1.20	3.82					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	17.11	1.20	3.82					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Cr	CFS-L10-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	21.97	1.20	3.82					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L10-1314-T01-A	1	6.39E+02		6.39E+02	0.16	1.80	5.72					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T02-A	1	3.20E+02		3.20E+02	1.35	1.80	5.72					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T03-A	1	2.59E+02		2.59E+02	1.63	1.80	5.72	10000	1000	1.18E+03	92%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T04-A	1	2.33E+02		2.33E+02	0.97	1.80	5.72					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T05-A	1	2.09E+02		2.09E+02	0.30	1.80	5.72					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T06-A	1	1.23E+02		1.23E+02	1.13	1.80	5.72					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T07-A	1	8.71E+01		8.71E+01	2.99	1.80	5.72					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T08-A	1	4.35E+01		4.35E+01	0.67	1.80	5.72					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T09-A	1	2.80E+01		2.80E+01	3.37	1.80	5.72					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T01-B	1	4.39E+02		4.39E+02	0.52	1.80	5.72					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T02-B	1	3.99E+02		3.99E+02	0.47	1.80	5.72					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T03-B	1	2.69E+02		2.69E+02	0.19	1.80	5.72	10000	1000	1.25E+03	98%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T04-B	1	2.43E+02		2.43E+02	0.63	1.80	5.72					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T05-B	1	2.22E+02		2.22E+02	0.62	1.80	5.72					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T06-B	1	1.40E+02		1.40E+02	1.80	1.80	5.72					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T07-B	1	8.43E+01		8.43E+01	1.06	1.80	5.72					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T08-B	1	4.62E+01		4.62E+01	3.43	1.80	5.72					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T09-B	1	2.89E+01		2.89E+01	4.49	1.80	5.72					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T01-C	1	5.31E+02		5.31E+02	1.11	1.80	5.72					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T02-C	1	3.68E+02		3.68E+02	0.17	1.80	5.72					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T03-C	1	2.69E+02		2.69E+02	0.29	1.80	5.72	10000	1000	1.20E+03	93%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T04-C	1	2.29E+02		2.29E+02	1.53	1.80	5.72					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T05-C	1	2.03E+02		2.03E+02	0.70	1.80	5.72					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T06-C	1	1.41E+02		1.41E+02	0.99	1.80	5.72					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T07-C	1	7.11E+01		7.11E+01	1.02	1.80	5.72					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T08-C	1	4.50E+01		4.50E+01	3.40	1.80	5.72					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-T09-C	1	3.22E+01		3.22E+01	0.96	1.80	5.72					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Co	CFS-L10-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	8.72	1.80	5.72					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L10-1314-T01-A	1	2.07E+03		2.07E+03	0.46	3.70	11.80					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T02-A	1	1.67E+03		1.67E+03	0.61	3.70	11.80					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T03-A	1	1.56E+03		1.56E+03	0.99	3.70	11.80	10000	1000	2.52E+03	96%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T04-A	1	1.53E+03		1.53E+03	0.36	3.70	11.80					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T05-A	1	1.49E+03		1.49E+03	0.40	3.70	11.80					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T06-A	1	1.22E+03		1.22E+03	0.27	3.70	11.80					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T07-A	1	1.14E+03		1.14E+03	0.68	3.70	11.80					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T08-A	1	8.62E+02		8.62E+02	0.78	3.70	11.80					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T09-A	1	6.91E+02		6.91E+02	0.12	3.70	11.80					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T01-B	1	1.90E+03		1.90E+03	0.54	3.70	11.80					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T02-B	1	1.67E+03		1.67E+03	0.54	3.70	11.80					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T03-B	1	1.40E+03		1.40E+03	0.55	3.70	11.80	10000	1000	2.44E+03	103%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T04-B	1	1.38E+03		1.38E+03	0.74	3.70	11.80					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T05-B	1	1.40E+03		1.40E+03	0.68	3.70	11.80					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T06-B	1	1.24E+03		1.24E+03	0.69	3.70	11.80					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T07-B	1	1.07E+03		1.07E+03	1.05	3.70	11.80					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T08-B	1	8.90E+02		8.90E+02	0.27	3.70	11.80					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T09-B	1	6.88E+02		6.88E+02	0.90	3.70	11.80					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T01-C	1	2.35E+03		2.35E+03	0.23	3.70	11.80					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T02-C	1	2.00E+03		2.00E+03	0.62	3.70	11.80					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T03-C	1	1.70E+03		1.70E+03	0.72	3.70	11.80	10000	1000	2.73E+03	103%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T04-C	1	1.60E+03		1.60E+03	0.99	3.70	11.80					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T05-C	1	1.55E+03		1.55E+03	0.45	3.70	11.80					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T06-C	1	1.32E+03		1.32E+03	0.52	3.70	11.80					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T07-C	1	1.07E+03		1.07E+03	0.62	3.70	11.80					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T08-C	1	8.61E+02		8.61E+02	0.55	3.70	11.80					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-T09-C	1	7.75E+02		7.75E+02	0.81	3.70	11.80					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Cu	CFS-L10-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	29.78	3.70	11.80					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L10-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	10.63	2.00	6.40					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	5.24	2.00	6.40					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	15.96	2.00	6.40	10000	1000	1.17E+03	117%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	2.58	2.00	6.40					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	10.87	2.00	6.40					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	7.48	2.00	6.40					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	14.39	2.00	6.40					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	8.02	2.00	6.40					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	5.97	2.00	6.40					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	6.00	2.00	6.40					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	9.78	2.00	6.40					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	8.23	2.00	6.40	10000	1000	1.13E+03	113%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	8.86	2.00	6.40					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	6.72	2.00	6.40					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	11.49	2.00	6.40					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	5.64	2.00	6.40					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	11.67	2.00	6.40					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	9.33	2.00	6.40					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	11.98	2.00	6.40					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	8.33	2.00	6.40					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	4.39	2.00	6.40	10000	1000	1.15E+03	115%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	4.01	2.00	6.40					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	12.41	2.00	6.40					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	4.46	2.00	6.40					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	1.77	2.00	6.40					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	2.14	2.00	6.40					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	2.02	2.00	6.40					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Fe	CFS-L10-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	5.12	2.00	6.40					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L10-1314-T01-A	1	6.94E+02		6.94E+02	1.25	6.80	21.60					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T02-A	1	6.77E+02		6.77E+02	0.61	6.80	21.60					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T03-A	1	7.64E+02		7.64E+02	1.80	6.80	21.60	10000	1000	1.67E+03	91%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T04-A	1	8.25E+02		8.25E+02	0.94	6.80	21.60					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T05-A	1	8.63E+02		8.63E+02	0.52	6.80	21.60					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T06-A	1	8.35E+02		8.35E+02	0.70	6.80	21.60					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T07-A	1	8.43E+02		8.43E+02	1.46	6.80	21.60					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T08-A	1	7.81E+02		7.81E+02	0.51	6.80	21.60					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T09-A	1	7.18E+02		7.18E+02	1.80	6.80	21.60					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T01-B	1	6.12E+02		6.12E+02	1.92	6.80	21.60					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T02-B	1	6.83E+02		6.83E+02	1.29	6.80	21.60					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T03-B	1	6.86E+02		6.86E+02	0.58	6.80	21.60	10000	1000	1.68E+03	100%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T04-B	1	7.81E+02		7.81E+02	1.06	6.80	21.60					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T05-B	1	8.32E+02		8.32E+02	1.10	6.80	21.60					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T06-B	1	8.54E+02		8.54E+02	0.97	6.80	21.60					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T07-B	1	8.38E+02		8.38E+02	0.76	6.80	21.60					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T08-B	1	7.76E+02		7.76E+02	0.56	6.80	21.60					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T09-B	1	7.20E+02		7.20E+02	0.96	6.80	21.60					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T01-C	1	5.14E+02		5.14E+02	0.80	6.80	21.60					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T02-C	1	6.96E+02		6.96E+02	0.58	6.80	21.60					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T03-C	1	7.72E+02		7.72E+02	0.29	6.80	21.60	10000	1000	1.73E+03	96%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T04-C	1	8.50E+02		8.50E+02	0.84	6.80	21.60					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T05-C	1	8.82E+02		8.82E+02	0.67	6.80	21.60					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T06-C	1	8.75E+02		8.75E+02	0.43	6.80	21.60					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T07-C	1	8.32E+02		8.32E+02	0.62	6.80	21.60					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T08-C	1	7.87E+02		7.87E+02	1.05	6.80	21.60					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-T09-C	1	7.46E+02		7.46E+02	1.66	6.80	21.60					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Pb	CFS-L10-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	44.57	6.80	21.60					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L10-1314-T01-A	1	2.22E+01		2.22E+01	12.69	1.90	6.00					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T02-A	1	1.16E+01		1.16E+01	14.95	1.90	6.00					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T03-A	1	1.33E+01		1.33E+01	27.56	1.90	6.00	10000	1000	1.03E+03	102%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T04-A	1	1.34E+01		1.34E+01	15.44	1.90	6.00					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T05-A	1	1.35E+01		1.35E+01	12.61	1.90	6.00					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T06-A	1	1.14E+01		1.14E+01	19.89	1.90	6.00					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T07-A	1	1.26E+01		1.26E+01	7.17	1.90	6.00					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T08-A	1	1.16E+01		1.16E+01	40.93	1.90	6.00					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T09-A	1	1.26E+01		1.26E+01	6.17	1.90	6.00					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T01-B	1	1.55E+01		1.55E+01	8.79	1.90	6.00					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T02-B	1	9.92E+00		9.92E+00	7.44	1.90	6.00					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T03-B	1	1.13E+01		1.13E+01	12.03	1.90	6.00	10000	1000	1.05E+03	104%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T04-B	1	1.25E+01		1.25E+01	10.01	1.90	6.00					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T05-B	1	1.25E+01		1.25E+01	11.31	1.90	6.00					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T06-B	1	1.19E+01		1.19E+01	6.96	1.90	6.00					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T07-B	1	1.46E+01		1.46E+01	10.67	1.90	6.00					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T08-B	1	1.13E+01		1.13E+01	23.48	1.90	6.00					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T09-B	1	1.38E+01		1.38E+01	16.70	1.90	6.00					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T01-C	1	1.72E+01		1.72E+01	26.77	1.90	6.00					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T02-C	1	9.24E+00		9.24E+00	6.17	1.90	6.00					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T03-C	1	1.25E+01		1.25E+01	11.22	1.90	6.00	10000	1000	1.03E+03	102%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T04-C	1	1.31E+01		1.31E+01	9.66	1.90	6.00					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T05-C	1	1.14E+01		1.14E+01	6.31	1.90	6.00					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T06-C	1	1.39E+01		1.39E+01	15.30	1.90	6.00					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T07-C	1	1.32E+01		1.32E+01	5.09	1.90	6.00					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T08-C	1	1.43E+01		1.43E+01	4.13	1.90	6.00					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-T09-C	1	1.25E+01		1.25E+01	9.81	1.90	6.00					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Li	CFS-L10-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	8.10	1.90	6.00					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L10-1314-T01-A	1	1.82E+04		1.82E+04	0.24	2.00	6.40					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T02-A	1	7.23E+03		7.23E+03	1.30	2.00	6.40					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T03-A	1	4.82E+03		4.82E+03	1.04	2.00	6.40	10000	1000	5.85E+03	103%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T04-A	1	3.51E+03		3.51E+03	0.22	2.00	6.40					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T05-A	1	2.43E+03		2.43E+03	0.60	2.00	6.40					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T06-A	1	9.55E+02		9.55E+02	1.78	2.00	6.40					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T07-A	1	5.74E+02		5.74E+02	1.38	2.00	6.40					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T08-A	1	3.50E+02		3.50E+02	0.43	2.00	6.40					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T09-A	1	2.69E+02		2.69E+02	1.68	2.00	6.40					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T01-B	1	1.12E+04		1.12E+04	0.69	2.00	6.40					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T02-B	1	1.01E+04		1.01E+04	0.32	2.00	6.40					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T03-B	1	5.75E+03		5.75E+03	0.58	2.00	6.40	10000	1000	6.77E+03	102%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T04-B	1	4.16E+03		4.16E+03	0.68	2.00	6.40					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T05-B	1	3.06E+03		3.06E+03	1.20	2.00	6.40					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T06-B	1	1.14E+03		1.14E+03	0.62	2.00	6.40					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T07-B	1	6.63E+02		6.63E+02	1.39	2.00	6.40					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T08-B	1	3.50E+02		3.50E+02	0.80	2.00	6.40					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T09-B	1	2.65E+02		2.65E+02	0.56	2.00	6.40					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T01-C	1	1.35E+04		1.35E+04	0.95	2.00	6.40					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T02-C	1	8.45E+03		8.45E+03	0.74	2.00	6.40					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T03-C	1	5.16E+03		5.16E+03	0.67	2.00	6.40	10000	1000	6.17E+03	101%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T04-C	1	3.72E+03		3.72E+03	1.70	2.00	6.40					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T05-C	1	2.84E+03		2.84E+03	0.17	2.00	6.40					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T06-C	1	1.29E+03		1.29E+03	1.12	2.00	6.40					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T07-C	1	5.13E+02		5.13E+02	1.37	2.00	6.40					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T08-C	1	3.76E+02		3.76E+02	1.78	2.00	6.40					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-T09-C	1	2.70E+02		2.70E+02	0.90	2.00	6.40					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Mn	CFS-L10-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	2.65	2.00	6.40					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L10-1314-T01-A	1	2.03E+06		2.03E+06	0.57	1.00	3.18					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T02-A	1	7.55E+05		7.55E+05	1.23	1.00	3.18					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T03-A	1	1.14E+05		1.14E+05	0.44	1.00	3.18	10000	1000	1.15E+05	89%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T04-A	1	4.60E+04		4.60E+04	0.42	1.00	3.18					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T05-A	1	2.76E+04		2.76E+04	0.68	1.00	3.18					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T06-A	1	1.70E+04		1.70E+04	0.34	1.00	3.18					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T07-A	1	1.12E+04		1.12E+04	0.54	1.00	3.18					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T08-A	1	8.69E+03		8.69E+03	1.38	1.00	3.18					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T09-A	1	6.02E+03		6.02E+03	0.43	1.00	3.18					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T01-B	1	1.90E+06		1.90E+06	1.04	1.00	3.18					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T02-B	1	8.15E+05		8.15E+05	0.64	1.00	3.18					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T03-B	1	2.06E+05		2.06E+05	1.06	1.00	3.18	10000	1000	2.07E+05	90%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T04-B	1	6.16E+04		6.16E+04	0.73	1.00	3.18					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T05-B	1	3.11E+04		3.11E+04	1.10	1.00	3.18					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T06-B	1	1.70E+04		1.70E+04	1.38	1.00	3.18					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T07-B	1	1.33E+04		1.33E+04	0.55	1.00	3.18					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T08-B	1	7.14E+03		7.14E+03	1.21	1.00	3.18					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T09-B	1	5.78E+03		5.78E+03	0.71	1.00	3.18					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T01-C	1	1.92E+06		1.92E+06	0.37	1.00	3.18					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T02-C	1	7.42E+05		7.42E+05	0.77	1.00	3.18					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T03-C	1	1.65E+05		1.65E+05	1.14	1.00	3.18	10000	1000	1.66E+05	87%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T04-C	1	6.31E+04		6.31E+04	0.80	1.00	3.18					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T05-C	1	3.10E+04		3.10E+04	0.15	1.00	3.18					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T06-C	1	1.46E+04		1.46E+04	1.10	1.00	3.18					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T07-C	1	1.27E+04		1.27E+04	0.69	1.00	3.18					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T08-C	1	8.70E+03		8.70E+03	0.35	1.00	3.18					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-T09-C	1	5.17E+03		5.17E+03	1.31	1.00	3.18					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Mg	CFS-L10-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	9.01	1.00	3.18					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L10-1314-T01-A	1	2.93E+01		2.93E+01	4.49	1.20	3.82					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T02-A	1	1.36E+01		1.36E+01	8.40	1.20	3.82					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T03-A	1	1.11E+01		1.11E+01	3.61	1.20	3.82	10000	1000	1.07E+03	106%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T04-A	1	9.59E+00		9.59E+00	1.12	1.20	3.82					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T05-A	1	6.47E+00		6.47E+00	4.22	1.20	3.82					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T06-A	1	6.12E+00		6.12E+00	1.38	1.20	3.82					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T07-A	1	4.44E+00		4.44E+00	1.18	1.20	3.82					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T08-A	1	6.46E+00		6.46E+00	2.94	1.20	3.82					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T09-A	1	6.17E+00		6.17E+00	2.52	1.20	3.82					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T01-B	1	1.84E+01		1.84E+01	11.79	1.20	3.82					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T02-B	1	1.67E+01		1.67E+01	9.67	1.20	3.82					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T03-B	1	1.21E+01		1.21E+01	2.59	1.20	3.82	10000	1000	1.02E+03	100%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T04-B	1	9.14E+00		9.14E+00	1.81	1.20	3.82					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T05-B	1	6.60E+00		6.60E+00	5.78	1.20	3.82					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T06-B	1	7.22E+00		7.22E+00	7.48	1.20	3.82					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T07-B	1	6.07E+00		6.07E+00	1.09	1.20	3.82					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T08-B	1	6.93E+00		6.93E+00	4.08	1.20	3.82					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T09-B	1	7.42E+00		7.42E+00	3.16	1.20	3.82					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T01-C	1	2.20E+01		2.20E+01	6.06	1.20	3.82					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T02-C	1	1.41E+01		1.41E+01	8.19	1.20	3.82					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T03-C	1	1.11E+01		1.11E+01	1.30	1.20	3.82	10000	1000	1.08E+03	107%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T04-C	1	1.08E+01		1.08E+01	5.34	1.20	3.82					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T05-C	1	7.68E+00		7.68E+00	9.48	1.20	3.82					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T06-C	1	5.10E+00		5.10E+00	1.76	1.20	3.82					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T07-C	1	6.63E+00		6.63E+00	2.81	1.20	3.82					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T08-C	1	5.55E+00		5.55E+00	6.33	1.20	3.82					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-T09-C	1	3.13E+00	E	3.13E+00	7.75	1.20	3.82					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Mo	CFS-L10-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	4.60	1.20	3.82					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L10-1314-T01-A	1	8.86E+02		8.86E+02	0.49	1.80	5.70					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T02-A	1	4.63E+02		4.63E+02	0.36	1.80	5.70					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T03-A	1	3.93E+02		3.93E+02	0.99	1.80	5.70	10000	1000	1.37E+03	98%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T04-A	1	3.60E+02		3.60E+02	1.02	1.80	5.70					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T05-A	1	3.37E+02		3.37E+02	1.05	1.80	5.70					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T06-A	1	2.30E+02		2.30E+02	0.94	1.80	5.70					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T07-A	1	1.77E+02		1.77E+02	1.00	1.80	5.70					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T08-A	1	1.01E+02		1.01E+02	1.16	1.80	5.70					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T09-A	1	5.49E+01		5.49E+01	1.86	1.80	5.70					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T01-B	1	6.35E+02		6.35E+02	1.16	1.80	5.70					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T02-B	1	5.65E+02		5.65E+02	0.73	1.80	5.70					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T03-B	1	3.91E+02		3.91E+02	0.26	1.80	5.70	10000	1000	1.37E+03	97%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T04-B	1	3.70E+02		3.70E+02	0.48	1.80	5.70					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T05-B	1	3.49E+02		3.49E+02	0.40	1.80	5.70					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T06-B	1	2.55E+02		2.55E+02	1.03	1.80	5.70					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T07-B	1	1.78E+02		1.78E+02	2.98	1.80	5.70					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T08-B	1	1.05E+02		1.05E+02	4.71	1.80	5.70					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T09-B	1	6.47E+01		6.47E+01	4.10	1.80	5.70					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T01-C	1	7.72E+02		7.72E+02	0.29	1.80	5.70					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T02-C	1	5.41E+02		5.41E+02	0.44	1.80	5.70					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T03-C	1	4.09E+02		4.09E+02	1.05	1.80	5.70	10000	1000	1.35E+03	94%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T04-C	1	3.61E+02		3.61E+02	1.10	1.80	5.70					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T05-C	1	3.30E+02		3.30E+02	1.14	1.80	5.70					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T06-C	1	2.48E+02		2.48E+02	1.27	1.80	5.70					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T07-C	1	1.56E+02		1.56E+02	1.74	1.80	5.70					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T08-C	1	1.06E+02		1.06E+02	1.02	1.80	5.70					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-T09-C	1	7.17E+01		7.17E+01	1.68	1.80	5.70					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Ni	CFS-L10-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	21.84	1.80	5.70					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L10-1314-T01-A	1	5.96E+01		5.96E+01	7.29	3.70	11.80					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T02-A	1	3.32E+01		3.32E+01	9.58	3.70	11.80					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T03-A	1	2.76E+01		2.76E+01	4.77	3.70	11.80	10000	1000	1.16E+03	113%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T04-A	1	2.21E+01		2.21E+01	11.78	3.70	11.80					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T05-A	1	1.85E+01		1.85E+01	8.06	3.70	11.80					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T06-A	1	1.64E+01		1.64E+01	10.99	3.70	11.80					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T07-A	1	1.70E+01		1.70E+01	9.10	3.70	11.80					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T08-A	1	1.39E+01		1.39E+01	16.77	3.70	11.80					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T09-A	1	1.73E+01		1.73E+01	3.61	3.70	11.80					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T01-B	1	6.94E+01		6.94E+01	15.88	3.70	11.80					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T02-B	1	3.92E+01		3.92E+01	10.99	3.70	11.80					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T03-B	1	2.83E+01		2.83E+01	14.79	3.70	11.80	10000	1000	1.20E+03	117%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T04-B	1	1.99E+01		1.99E+01	10.51	3.70	11.80					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T05-B	1	1.69E+01		1.69E+01	4.62	3.70	11.80					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T06-B	1	1.49E+01		1.49E+01	5.26	3.70	11.80					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T07-B	1	1.28E+01		1.28E+01	11.72	3.70	11.80					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T08-B	1	1.37E+01		1.37E+01	15.18	3.70	11.80					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T09-B	1	1.62E+01		1.62E+01	3.90	3.70	11.80					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T01-C	1	5.73E+01		5.73E+01	20.79	3.70	11.80					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T02-C	1	3.88E+01		3.88E+01	11.17	3.70	11.80					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T03-C	1	2.51E+01		2.51E+01	10.88	3.70	11.80	10000	1000	1.17E+03	115%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T04-C	1	2.08E+01		2.08E+01	19.17	3.70	11.80					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T05-C	1	1.89E+01		1.89E+01	3.41	3.70	11.80					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T06-C	1	1.67E+01		1.67E+01	5.41	3.70	11.80					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T07-C	1	1.45E+01		1.45E+01	9.09	3.70	11.80					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T08-C	1	1.48E+01		1.48E+01	11.81	3.70	11.80					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-T09-C	1	1.60E+01		1.60E+01	20.42	3.70	11.80					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
P	CFS-L10-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	13.15	3.70	11.80					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L10-1314-T01-A	1	1.20E+05		1.20E+05	0.56	1.60	5.09					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T02-A	1	4.97E+04		4.97E+04	0.91	1.60	5.09					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T03-A	1	2.52E+04		2.52E+04	1.50	1.60	5.09	10000	1000	2.62E+04	93%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T04-A	1	1.92E+04		1.92E+04	0.29	1.60	5.09					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T05-A	1	1.50E+04		1.50E+04	0.74	1.60	5.09					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T06-A	1	8.06E+03		8.06E+03	0.34	1.60	5.09					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T07-A	1	5.73E+03		5.73E+03	1.24	1.60	5.09					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T08-A	1	3.26E+03		3.26E+03	0.19	1.60	5.09					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T09-A	1	2.21E+03		2.21E+03	0.89	1.60	5.09					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T01-B	1	1.19E+05		1.19E+05	0.63	1.60	5.09					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T02-B	1	5.17E+04		5.17E+04	0.36	1.60	5.09					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T03-B	1	3.07E+04		3.07E+04	0.41	1.60	5.09	10000	1000	3.17E+04	100%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T04-B	1	2.14E+04		2.14E+04	0.35	1.60	5.09					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T05-B	1	1.71E+04		1.71E+04	0.21	1.60	5.09					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T06-B	1	9.10E+03		9.10E+03	0.91	1.60	5.09					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T07-B	1	5.88E+03		5.88E+03	0.83	1.60	5.09					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T08-B	1	3.35E+03		3.35E+03	0.72	1.60	5.09					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T09-B	1	2.34E+03		2.34E+03	0.55	1.60	5.09					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T01-C	1	1.18E+05		1.18E+05	1.10	1.60	5.09					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T02-C	1	4.76E+04		4.76E+04	0.55	1.60	5.09					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T03-C	1	2.70E+04		2.70E+04	0.59	1.60	5.09	10000	1000	2.79E+04	91%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T04-C	1	1.96E+04		1.96E+04	1.09	1.60	5.09					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T05-C	1	1.60E+04		1.60E+04	0.53	1.60	5.09					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T06-C	1	9.34E+03		9.34E+03	0.45	1.60	5.09					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T07-C	1	5.08E+03		5.08E+03	0.33	1.60	5.09					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T08-C	1	3.50E+03		3.50E+03	0.58	1.60	5.09					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-T09-C	1	2.38E+03		2.38E+03	1.12	1.60	5.09					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
K	CFS-L10-1314-B01-A	1	1.28E+01		1.28E+01	3.42	1.60	5.09					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L10-1314-T01-A	1	1.77E+03		1.77E+03	2.85	15.00	47.70					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T02-A	1	5.23E+02		5.23E+02	5.34	15.00	47.70					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T03-A	1	1.45E+02		1.45E+02	13.93	15.00	47.70	10000	1000	1.13E+03	99%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T04-A	1	9.62E+01		9.62E+01	6.50	15.00	47.70					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T05-A	1	8.27E+01		8.27E+01	11.48	15.00	47.70					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T06-A	1	7.00E+01		7.00E+01	5.86	15.00	47.70					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T07-A	1	2.01E+01	E	2.01E+01	28.20	15.00	47.70					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	8.69	15.00	47.70					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	18.95	15.00	47.70					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T01-B	1	1.75E+03		1.75E+03	2.28	15.00	47.70					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T02-B	1	5.42E+02		5.42E+02	3.36	15.00	47.70					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T03-B	1	1.77E+02		1.77E+02	6.52	15.00	47.70	10000	1000	1.12E+03	94%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T04-B	1	1.29E+02		1.29E+02	15.78	15.00	47.70					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T05-B	1	8.06E+01		8.06E+01	7.69	15.00	47.70					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T06-B	1	6.70E+01		6.70E+01	5.07	15.00	47.70					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T07-B	1	2.54E+01	E	2.54E+01	18.74	15.00	47.70					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	8.18	15.00	47.70					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	27.01	15.00	47.70					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T01-C	1	1.61E+03		1.61E+03	2.46	15.00	47.70					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T02-C	1	4.98E+02		4.98E+02	5.80	15.00	47.70					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T03-C	1	1.72E+02		1.72E+02	4.94	15.00	47.70	10000	1000	1.18E+03	101%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T04-C	1	1.14E+02		1.14E+02	10.86	15.00	47.70					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T05-C	1	8.34E+01		8.34E+01	23.80	15.00	47.70					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T06-C	1	6.82E+01		6.82E+01	11.16	15.00	47.70					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T07-C	1	2.38E+01	E	2.38E+01	21.85	15.00	47.70					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	16.53	15.00	47.70					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	29.37	15.00	47.70					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Se	CFS-L10-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	17.53	15.00	47.70					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L10-1314-T01-A	1	7.62E+03		7.62E+03	0.65	1.10	3.50					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T02-A	1	6.62E+03		6.62E+03	1.02	1.10	3.50					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T03-A	1	6.24E+03		6.24E+03	1.16	1.10	3.50	10000	1000	7.22E+03	99%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T04-A	1	6.02E+03		6.02E+03	0.77	1.10	3.50					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T05-A	1	5.76E+03		5.76E+03	0.61	1.10	3.50					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T06-A	1	5.02E+03		5.02E+03	0.40	1.10	3.50					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T07-A	1	4.48E+03		4.48E+03	3.06	1.10	3.50					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T08-A	1	4.02E+03		4.02E+03	1.28	1.10	3.50					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T09-A	1	3.60E+03		3.60E+03	1.43	1.10	3.50					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T01-B	1	7.30E+03		7.30E+03	0.47	1.10	3.50					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T02-B	1	6.81E+03		6.81E+03	0.17	1.10	3.50					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T03-B	1	6.30E+03		6.30E+03	0.34	1.10	3.50	10000	1000	7.32E+03	102%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T04-B	1	6.08E+03		6.08E+03	0.13	1.10	3.50					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T05-B	1	5.90E+03		5.90E+03	1.80	1.10	3.50					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T06-B	1	5.25E+03		5.25E+03	1.04	1.10	3.50					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T07-B	1	4.72E+03		4.72E+03	1.25	1.10	3.50					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T08-B	1	3.88E+03		3.88E+03	0.75	1.10	3.50					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T09-B	1	3.71E+03		3.71E+03	0.89	1.10	3.50					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T01-C	1	7.70E+03		7.70E+03	0.83	1.10	3.50					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T02-C	1	6.96E+03		6.96E+03	0.59	1.10	3.50					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T03-C	1	6.36E+03		6.36E+03	0.24	1.10	3.50	10000	1000	7.32E+03	96%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T04-C	1	6.03E+03		6.03E+03	2.04	1.10	3.50					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T05-C	1	5.73E+03		5.73E+03	0.78	1.10	3.50					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T06-C	1	4.98E+03		4.98E+03	1.40	1.10	3.50					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T07-C	1	4.57E+03		4.57E+03	0.47	1.10	3.50					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T08-C	1	4.11E+03		4.11E+03	0.37	1.10	3.50					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-T09-C	1	3.58E+03		3.58E+03	1.67	1.10	3.50					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Si	CFS-L10-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	4.22	1.10	3.50					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L10-1314-T01-A	1	2.93E+05		2.93E+05	0.96	2.50	8.00					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T02-A	1	1.81E+05		1.81E+05	0.92	2.50	8.00					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T03-A	1	2.87E+04		2.87E+04	1.95	2.50	8.00	10000	1000	2.97E+04	93%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T04-A	1	1.08E+04		1.08E+04	0.43	2.50	8.00					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T05-A	1	7.60E+03		7.60E+03	0.77	2.50	8.00					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T06-A	1	3.78E+03		3.78E+03	0.49	2.50	8.00					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T07-A	1	2.11E+03		2.11E+03	1.21	2.50	8.00					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T08-A	1	1.80E+03		1.80E+03	0.37	2.50	8.00					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T09-A	1	1.43E+03		1.43E+03	0.67	2.50	8.00					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T01-B	1	2.31E+05		2.31E+05	0.49	2.50	8.00					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T02-B	1	1.96E+05		1.96E+05	0.10	2.50	8.00					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T03-B	1	3.58E+04		3.58E+04	0.46	2.50	8.00	10000	1000	3.67E+04	89%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T04-B	1	1.13E+04		1.13E+04	0.41	2.50	8.00					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T05-B	1	6.68E+03		6.68E+03	0.32	2.50	8.00					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T06-B	1	3.32E+03		3.32E+03	0.83	2.50	8.00					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T07-B	1	2.28E+03		2.28E+03	1.15	2.50	8.00					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T08-B	1	1.56E+03		1.56E+03	0.89	2.50	8.00					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T09-B	1	1.37E+03		1.37E+03	0.59	2.50	8.00					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T01-C	1	3.01E+05		3.01E+05	0.87	2.50	8.00					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T02-C	1	1.47E+05		1.47E+05	0.88	2.50	8.00					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T03-C	1	2.45E+04		2.45E+04	0.54	2.50	8.00	10000	1000	2.55E+04	94%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T04-C	1	9.47E+03		9.47E+03	0.73	2.50	8.00					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T05-C	1	5.80E+03		5.80E+03	0.40	2.50	8.00					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T06-C	1	3.34E+03		3.34E+03	0.65	2.50	8.00					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T07-C	1	2.35E+03		2.35E+03	0.23	2.50	8.00					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T08-C	1	1.75E+03		1.75E+03	1.14	2.50	8.00					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-T09-C	1	1.27E+03		1.27E+03	0.63	2.50	8.00					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Na	CFS-L10-1314-B01-A	1	1.25E+00	U1/2	1.25E+00	1.94	2.50	8.00					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L10-1314-T01-A	1	4.79E+03		4.79E+03	1.45	1.00	3.18					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T02-A	1	3.29E+03		3.29E+03	0.94	1.00	3.18					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T03-A	1	2.98E+03		2.98E+03	1.79	1.00	3.18	10000	1000	3.97E+03	99%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T04-A	1	2.66E+03		2.66E+03	0.71	1.00	3.18					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T05-A	1	2.28E+03		2.28E+03	1.07	1.00	3.18					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T06-A	1	1.73E+03		1.73E+03	0.80	1.00	3.18					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T07-A	1	1.55E+03		1.55E+03	2.35	1.00	3.18					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T08-A	1	1.41E+03		1.41E+03	1.86	1.00	3.18					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T09-A	1	1.29E+03		1.29E+03	1.06	1.00	3.18					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T01-B	1	3.91E+03		3.91E+03	0.28	1.00	3.18					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T02-B	1	3.63E+03		3.63E+03	0.61	1.00	3.18					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T03-B	1	3.10E+03		3.10E+03	0.57	1.00	3.18	10000	1000	4.14E+03	103%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T04-B	1	2.86E+03		2.86E+03	0.18	1.00	3.18					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T05-B	1	2.52E+03		2.52E+03	1.94	1.00	3.18					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T06-B	1	1.83E+03		1.83E+03	1.06	1.00	3.18					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T07-B	1	1.62E+03		1.62E+03	0.92	1.00	3.18					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T08-B	1	1.35E+03		1.35E+03	0.78	1.00	3.18					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T09-B	1	1.33E+03		1.33E+03	0.90	1.00	3.18					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T01-C	1	4.18E+03		4.18E+03	0.77	1.00	3.18					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T02-C	1	3.33E+03		3.33E+03	0.43	1.00	3.18					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T03-C	1	2.88E+03		2.88E+03	0.38	1.00	3.18	10000	1000	3.83E+03	96%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T04-C	1	2.60E+03		2.60E+03	2.48	1.00	3.18					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T05-C	1	2.38E+03		2.38E+03	1.43	1.00	3.18					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T06-C	1	1.83E+03		1.83E+03	0.98	1.00	3.18					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T07-C	1	1.54E+03		1.54E+03	0.70	1.00	3.18					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T08-C	1	1.42E+03		1.42E+03	0.64	1.00	3.18					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-T09-C	1	1.22E+03		1.22E+03	1.29	1.00	3.18					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Sr	CFS-L10-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	32.98	1.00	3.18					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L10-1314-T01-A	1	2.39E+06		2.39E+06	0.39	6.80	21.60					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T02-A	1	8.86E+05		8.86E+05	0.61	6.80	21.60					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T03-A	1	6.30E+05		6.30E+05	1.12	6.80	21.60	10000	1000	6.31E+05	86%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T04-A	1	5.60E+05		5.60E+05	0.41	6.80	21.60					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T05-A	1	5.46E+05		5.46E+05	0.70	6.80	21.60					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T06-A	1	5.23E+05		5.23E+05	0.25	6.80	21.60					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T07-A	1	5.18E+05		5.18E+05	1.44	6.80	21.60					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T08-A	1	5.15E+05		5.15E+05	0.62	6.80	21.60					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T09-A	1	4.93E+05		4.93E+05	0.50	6.80	21.60					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T01-B	1	1.50E+06		1.50E+06	0.57	6.80	21.60					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T02-B	1	1.40E+06		1.40E+06	0.25	6.80	21.60					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T03-B	1	7.31E+05		7.31E+05	0.28	6.80	21.60	10000	1000	7.32E+05	92%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T04-B	1	5.79E+05		5.79E+05	0.20	6.80	21.60					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T05-B	1	5.46E+05		5.46E+05	0.54	6.80	21.60					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T06-B	1	5.28E+05		5.28E+05	1.19	6.80	21.60					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T07-B	1	5.16E+05		5.16E+05	1.06	6.80	21.60					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T08-B	1	4.80E+05		4.80E+05	0.52	6.80	21.60					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T09-B	1	5.06E+05		5.06E+05	0.70	6.80	21.60					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T01-C	1	1.75E+06		1.75E+06	1.69	6.80	21.60					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T02-C	1	1.12E+06		1.12E+06	0.68	6.80	21.60					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T03-C	1	6.91E+05		6.91E+05	0.49	6.80	21.60	10000	1000	6.92E+05	90%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T04-C	1	5.90E+05		5.90E+05	0.58	6.80	21.60					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T05-C	1	5.55E+05		5.55E+05	0.24	6.80	21.60					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T06-C	1	5.27E+05		5.27E+05	0.58	6.80	21.60					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T07-C	1	5.26E+05		5.26E+05	0.37	6.80	21.60					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T08-C	1	5.12E+05		5.12E+05	0.48	6.80	21.60					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-T09-C	1	4.42E+05		4.42E+05	1.23	6.80	21.60					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
S	CFS-L10-1314-B01-A	1	2.13E+01	E	2.13E+01	0.56	6.80	21.60					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L10-1314-T01-A	1	1.79E+03		1.79E+03	0.86	4.60	14.60					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T02-A	1	7.74E+02		7.74E+02	0.57	4.60	14.60					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T03-A	1	5.49E+02		5.49E+02	0.67	4.60	14.60	10000	1000	1.56E+03	101%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T04-A	1	4.34E+02		4.34E+02	4.95	4.60	14.60					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T05-A	1	3.55E+02		3.55E+02	0.04	4.60	14.60					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T06-A	1	2.32E+02		2.32E+02	3.29	4.60	14.60					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T07-A	1	1.74E+02		1.74E+02	2.50	4.60	14.60					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T08-A	1	1.20E+02		1.20E+02	2.88	4.60	14.60					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T09-A	1	9.25E+01		9.25E+01	3.48	4.60	14.60					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T01-B	1	1.18E+03		1.18E+03	1.20	4.60	14.60					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T02-B	1	1.08E+03		1.08E+03	1.22	4.60	14.60					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T03-B	1	6.25E+02		6.25E+02	2.18	4.60	14.60	10000	1000	1.63E+03	100%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T04-B	1	4.65E+02		4.65E+02	1.43	4.60	14.60					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T05-B	1	3.95E+02		3.95E+02	2.17	4.60	14.60					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T06-B	1	2.51E+02		2.51E+02	1.98	4.60	14.60					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T07-B	1	1.77E+02		1.77E+02	2.58	4.60	14.60					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T08-B	1	1.12E+02		1.12E+02	2.38	4.60	14.60					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T09-B	1	9.21E+01		9.21E+01	10.62	4.60	14.60					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T01-C	1	1.36E+03		1.36E+03	0.97	4.60	14.60					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T02-C	1	8.90E+02		8.90E+02	0.99	4.60	14.60					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T03-C	1	5.59E+02		5.59E+02	0.69	4.60	14.60	10000	1000	1.58E+03	102%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T04-C	1	4.44E+02		4.44E+02	1.48	4.60	14.60					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T05-C	1	3.67E+02		3.67E+02	3.05	4.60	14.60					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T06-C	1	2.44E+02		2.44E+02	3.57	4.60	14.60					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T07-C	1	1.69E+02		1.69E+02	3.53	4.60	14.60					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T08-C	1	1.25E+02		1.25E+02	2.21	4.60	14.60					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-T09-C	1	9.45E+01		9.45E+01	4.72	4.60	14.60					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Tl	CFS-L10-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	10.03	4.60	14.60					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L10-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	34.87	2.00	6.40					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	603.16	2.00	6.40					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	26.01	2.00	6.40	10000	1000	1.06E+03	106%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	64.41	2.00	6.40					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	95.95	2.00	6.40					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	86.81	2.00	6.40					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	47.33	2.00	6.40					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	13.32	2.00	6.40					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	126.85	2.00	6.40					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	79.73	2.00	6.40					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	47.68	2.00	6.40					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	31.56	2.00	6.40	10000	1000	1.11E+03	111%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	121.20	2.00	6.40					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	64.33	2.00	6.40					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	696.05	2.00	6.40					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	51.68	2.00	6.40					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	56.14	2.00	6.40					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	179.50	2.00	6.40					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	5.87	2.00	6.40					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	68.05	2.00	6.40					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	44.26	2.00	6.40	10000	1000	1.08E+03	108%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	3.98	2.00	6.40					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	144.72	2.00	6.40					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	92.27	2.00	6.40					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	27.26	2.00	6.40					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	79.10	2.00	6.40					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	131.82	2.00	6.40					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Ti	CFS-L10-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	158.16	2.00	6.40					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L10-1314-T01-A	1	2.61E+01		2.61E+01	3.36	1.50	4.77					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T02-A	1	3.18E+01		3.18E+01	2.09	1.50	4.77					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T03-A	1	3.56E+01		3.56E+01	2.75	1.50	4.77	10000	1000	1.08E+03	105%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T04-A	1	4.08E+01		4.08E+01	1.35	1.50	4.77					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T05-A	1	4.00E+01		4.00E+01	1.20	1.50	4.77					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T06-A	1	4.03E+01		4.03E+01	2.73	1.50	4.77					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T07-A	1	4.04E+01		4.04E+01	1.75	1.50	4.77					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T08-A	1	4.15E+01		4.15E+01	2.06	1.50	4.77					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T09-A	1	3.93E+01		3.93E+01	0.63	1.50	4.77					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T01-B	1	2.76E+01		2.76E+01	1.70	1.50	4.77					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T02-B	1	2.72E+01		2.72E+01	1.49	1.50	4.77					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T03-B	1	3.40E+01		3.40E+01	1.57	1.50	4.77	10000	1000	1.12E+03	108%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T04-B	1	3.72E+01		3.72E+01	0.88	1.50	4.77					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T05-B	1	3.84E+01		3.84E+01	1.44	1.50	4.77					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T06-B	1	3.97E+01		3.97E+01	4.23	1.50	4.77					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T07-B	1	4.06E+01		4.06E+01	1.32	1.50	4.77					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T08-B	1	3.61E+01		3.61E+01	0.85	1.50	4.77					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T09-B	1	4.04E+01		4.04E+01	0.84	1.50	4.77					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T01-C	1	2.68E+01		2.68E+01	2.04	1.50	4.77					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T02-C	1	3.08E+01		3.08E+01	1.66	1.50	4.77					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T03-C	1	3.53E+01		3.53E+01	1.84	1.50	4.77	10000	1000	1.09E+03	106%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T04-C	1	3.86E+01		3.86E+01	1.20	1.50	4.77					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T05-C	1	3.91E+01		3.91E+01	2.72	1.50	4.77					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T06-C	1	4.04E+01		4.04E+01	0.76	1.50	4.77					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T07-C	1	4.08E+01		4.08E+01	2.05	1.50	4.77					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T08-C	1	3.99E+01		3.99E+01	1.33	1.50	4.77					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-T09-C	1	3.27E+01		3.27E+01	2.31	1.50	4.77					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
V	CFS-L10-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	13.28	1.50	4.77					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L10-1314-T01-A	1	6.87E+04		6.87E+04	0.37	1.00	3.18					VU ICP-OES	2/28/12 11:53 AM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T02-A	1	4.43E+04		4.43E+04	0.96	1.00	3.18					VU ICP-OES	2/28/12 11:55 AM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T03-A	1	4.07E+04		4.07E+04	1.04	1.00	3.18	10000	1000	4.17E+04	95%	VU ICP-OES	2/28/12 11:56 AM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T04-A	1	3.96E+04		3.96E+04	0.27	1.00	3.18					VU ICP-OES	2/28/12 11:58 AM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T05-A	1	3.78E+04		3.78E+04	0.61	1.00	3.18					VU ICP-OES	2/28/12 12:00 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T06-A	1	3.04E+04		3.04E+04	0.09	1.00	3.18					VU ICP-OES	2/28/12 12:01 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T07-A	1	2.56E+04		2.56E+04	2.36	1.00	3.18					VU ICP-OES	2/28/12 12:03 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T08-A	1	1.81E+04		1.81E+04	0.95	1.00	3.18					VU ICP-OES	2/28/12 12:05 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T09-A	1	1.35E+04		1.35E+04	0.73	1.00	3.18					VU ICP-OES	2/28/12 12:06 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T01-B	1	5.56E+04		5.56E+04	0.56	1.00	3.18					VU ICP-OES	2/28/12 12:13 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T02-B	1	5.01E+04		5.01E+04	0.74	1.00	3.18					VU ICP-OES	2/28/12 12:15 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T03-B	1	3.97E+04		3.97E+04	0.17	1.00	3.18	10000	1000	4.06E+04	92%	VU ICP-OES	2/28/12 12:16 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T04-B	1	3.90E+04		3.90E+04	0.44	1.00	3.18					VU ICP-OES	2/28/12 12:18 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T05-B	1	3.82E+04		3.82E+04	0.99	1.00	3.18					VU ICP-OES	2/28/12 12:19 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T06-B	1	3.25E+04		3.25E+04	0.65	1.00	3.18					VU ICP-OES	2/28/12 12:21 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T07-B	1	2.64E+04		2.64E+04	0.77	1.00	3.18					VU ICP-OES	2/28/12 12:23 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T08-B	1	1.84E+04		1.84E+04	0.98	1.00	3.18					VU ICP-OES	2/28/12 12:24 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T09-B	1	1.50E+04		1.50E+04	0.29	1.00	3.18					VU ICP-OES	2/28/12 12:26 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T01-C	1	6.50E+04		6.50E+04	0.60	1.00	3.18					VU ICP-OES	2/28/12 12:28 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T02-C	1	5.11E+04		5.11E+04	1.12	1.00	3.18					VU ICP-OES	2/28/12 12:29 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T03-C	1	4.27E+04		4.27E+04	0.46	1.00	3.18	10000	1000	4.37E+04	92%	VU ICP-OES	2/28/12 12:31 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T04-C	1	3.99E+04		3.99E+04	1.60	1.00	3.18					VU ICP-OES	2/28/12 12:33 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T05-C	1	3.77E+04		3.77E+04	0.33	1.00	3.18					VU ICP-OES	2/28/12 12:34 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T06-C	1	3.19E+04		3.19E+04	1.43	1.00	3.18					VU ICP-OES	2/28/12 12:36 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T07-C	1	2.43E+04		2.43E+04	0.38	1.00	3.18					VU ICP-OES	2/28/12 12:38 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T08-C	1	1.93E+04		1.93E+04	0.21	1.00	3.18					VU ICP-OES	2/28/12 12:39 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-T09-C	1	1.52E+04		1.52E+04	0.42	1.00	3.18					VU ICP-OES	2/28/12 12:41 PM	EPA Interlab L10 1314 JaFS
Zn	CFS-L10-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	2.64	1.00	3.18					VU ICP-OES	2/28/12 11:52 AM	EPA Interlab L10 1314 JaFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L11-1314-T01-A	1	5.08E+01		5.08E+01	3.89	1.00	3.18					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T02-A	1	5.29E+01		5.29E+01	1.26	1.00	3.18					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T03-A	1	4.19E+01		4.19E+01	5.86	1.00	3.18	10000	1000	1.05E+03	101%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T04-A	1	3.77E+01		3.77E+01	1.33	1.00	3.18					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T05-A	1	3.68E+01		3.68E+01	6.38	1.00	3.18					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T06-A	1	3.86E+01		3.86E+01	3.57	1.00	3.18					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T07-A	1	3.70E+01		3.70E+01	6.53	1.00	3.18					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T08-A	1	3.56E+01		3.56E+01	3.79	1.00	3.18					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T09-A	1	3.31E+01		3.31E+01	2.65	1.00	3.18					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T01-B	1	5.17E+01		5.17E+01	2.63	1.00	3.18					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T02-B	1	5.01E+01		5.01E+01	10.83	1.00	3.18					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T03-B	1	4.32E+01		4.32E+01	4.77	1.00	3.18	10000	1000	9.81E+02	94%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T04-B	1	3.86E+01		3.86E+01	5.73	1.00	3.18					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T05-B	1	3.66E+01		3.66E+01	3.48	1.00	3.18					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T06-B	1	3.71E+01		3.71E+01	1.71	1.00	3.18					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T07-B	1	3.57E+01		3.57E+01	7.73	1.00	3.18					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T08-B	1	3.60E+01		3.60E+01	3.72	1.00	3.18					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T09-B	1	3.50E+01		3.50E+01	4.16	1.00	3.18					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T01-C	1	5.35E+01		5.35E+01	4.60	1.00	3.18					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T02-C	1	5.17E+01		5.17E+01	4.35	1.00	3.18					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T03-C	1	4.40E+01		4.40E+01	4.18	1.00	3.18	10000	1000	9.83E+02	94%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T04-C	1	3.81E+01		3.81E+01	7.29	1.00	3.18					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T05-C	1	3.51E+01		3.51E+01	1.35	1.00	3.18					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T06-C	1	3.59E+01		3.59E+01	1.23	1.00	3.18					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T07-C	1	3.64E+01		3.64E+01	3.21	1.00	3.18					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T08-C	1	3.43E+01		3.43E+01	3.04	1.00	3.18					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-T09-C	1	3.45E+01		3.45E+01	1.82	1.00	3.18					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Al	CFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	7.33	1.00	3.18					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L11-1314-T01-A	1	7.27E+01		7.27E+01	4.55	7.50	23.90					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T02-A	1	4.22E+01		4.22E+01	0.94	7.50	23.90					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T03-A	1	3.14E+01		3.14E+01	1.41	7.50	23.90	10000	1000	1.06E+03	103%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T04-A	1	2.53E+01		2.53E+01	6.08	7.50	23.90					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T05-A	1	2.16E+01	E	2.16E+01	3.08	7.50	23.90					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T06-A	1	2.28E+01	E	2.28E+01	4.21	7.50	23.90					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T07-A	1	2.26E+01	E	2.26E+01	4.66	7.50	23.90					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T08-A	1	2.03E+01	E	2.03E+01	3.71	7.50	23.90					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T09-A	1	1.87E+01	E	1.87E+01	8.01	7.50	23.90					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T01-B	1	7.63E+01		7.63E+01	8.88	7.50	23.90					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T02-B	1	3.71E+01		3.71E+01	3.17	7.50	23.90					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T03-B	1	2.91E+01		2.91E+01	5.96	7.50	23.90	10000	1000	1.08E+03	105%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T04-B	1	2.45E+01		2.45E+01	7.99	7.50	23.90					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T05-B	1	2.26E+01	E	2.26E+01	10.44	7.50	23.90					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T06-B	1	2.38E+01	E	2.38E+01	7.18	7.50	23.90					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T07-B	1	2.07E+01	E	2.07E+01	6.23	7.50	23.90					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T08-B	1	1.89E+01	E	1.89E+01	1.70	7.50	23.90					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T09-B	1	1.95E+01	E	1.95E+01	7.03	7.50	23.90					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T01-C	1	7.70E+01		7.70E+01	3.78	7.50	23.90					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T02-C	1	4.31E+01		4.31E+01	3.23	7.50	23.90					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T03-C	1	2.74E+01		2.74E+01	9.70	7.50	23.90	10000	1000	1.09E+03	106%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T04-C	1	2.50E+01		2.50E+01	1.74	7.50	23.90					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T05-C	1	2.21E+01	E	2.21E+01	13.30	7.50	23.90					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T06-C	1	2.13E+01	E	2.13E+01	5.91	7.50	23.90					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T07-C	1	1.99E+01	E	1.99E+01	4.27	7.50	23.90					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T08-C	1	1.89E+01	E	1.89E+01	0.59	7.50	23.90					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-T09-C	1	1.88E+01	E	1.88E+01	0.25	7.50	23.90					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Sb	CFS-L11-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	20.34	7.50	23.90					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L11-1314-T01-A	1	4.24E+01		4.24E+01	0.52	11.00	35.00					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T02-A	1	3.65E+01		3.65E+01	6.05	11.00	35.00					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T03-A	1	2.45E+01	E	2.45E+01	2.20	11.00	35.00	10000	1000	1.14E+03	112%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T04-A	1	2.15E+01	E	2.15E+01	1.03	11.00	35.00					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T05-A	1	1.60E+01	E	1.60E+01	5.81	11.00	35.00					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T06-A	1	1.89E+01	E	1.89E+01	2.05	11.00	35.00					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T07-A	1	1.67E+01	E	1.67E+01	1.34	11.00	35.00					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T08-A	1	1.22E+01	E	1.22E+01	2.72	11.00	35.00					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T09-A	1	1.56E+01	E	1.56E+01	3.31	11.00	35.00					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T01-B	1	4.42E+01		4.42E+01	4.26	11.00	35.00					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T02-B	1	3.50E+01	E	3.50E+01	1.67	11.00	35.00					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T03-B	1	2.50E+01	E	2.50E+01	0.53	11.00	35.00	10000	1000	1.12E+03	109%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T04-B	1	1.90E+01	E	1.90E+01	2.87	11.00	35.00					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T05-B	1	1.54E+01	E	1.54E+01	1.27	11.00	35.00					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T06-B	1	1.88E+01	E	1.88E+01	1.86	11.00	35.00					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T07-B	1	1.99E+01	E	1.99E+01	3.44	11.00	35.00					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T08-B	1	1.32E+01	E	1.32E+01	0.76	11.00	35.00					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T09-B	1	1.34E+01	E	1.34E+01	0.48	11.00	35.00					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T01-C	1	4.35E+01		4.35E+01	1.09	11.00	35.00					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T02-C	1	3.42E+01	E	3.42E+01	1.91	11.00	35.00					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T03-C	1	2.32E+01	E	2.32E+01	2.56	11.00	35.00	10000	1000	1.10E+03	108%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T04-C	1	1.98E+01	E	1.98E+01	0.73	11.00	35.00					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T05-C	1	1.67E+01	E	1.67E+01	1.93	11.00	35.00					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T06-C	1	1.62E+01	E	1.62E+01	2.44	11.00	35.00					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T07-C	1	1.55E+01	E	1.55E+01	2.66	11.00	35.00					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T08-C	1	1.29E+01	E	1.29E+01	0.38	11.00	35.00					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-T09-C	1	1.58E+01	E	1.58E+01	0.96	11.00	35.00					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
As	CFS-L11-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	8.80	11.00	35.00					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L11-1314-T01-A	1	2.21E+03		2.21E+03	0.98	1.00	3.18					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T02-A	1	1.36E+03		1.36E+03	0.88	1.00	3.18					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T03-A	1	5.37E+02		5.37E+02	0.20	1.00	3.18	10000	1000	1.47E+03	94%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T04-A	1	3.25E+02		3.25E+02	0.16	1.00	3.18					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T05-A	1	1.29E+02		1.29E+02	0.77	1.00	3.18					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T06-A	1	1.02E+02		1.02E+02	1.52	1.00	3.18					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T07-A	1	7.84E+01		7.84E+01	1.23	1.00	3.18					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T08-A	1	6.49E+01		6.49E+01	2.49	1.00	3.18					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T09-A	1	4.38E+01		4.38E+01	1.25	1.00	3.18					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T01-B	1	2.29E+03		2.29E+03	0.85	1.00	3.18					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T02-B	1	1.40E+03		1.40E+03	0.98	1.00	3.18					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T03-B	1	5.65E+02		5.65E+02	1.31	1.00	3.18	10000	1000	1.47E+03	91%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T04-B	1	3.05E+02		3.05E+02	0.26	1.00	3.18					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T05-B	1	1.48E+02		1.48E+02	1.76	1.00	3.18					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T06-B	1	1.01E+02		1.01E+02	2.03	1.00	3.18					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T07-B	1	7.71E+01		7.71E+01	2.60	1.00	3.18					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T08-B	1	6.19E+01		6.19E+01	2.94	1.00	3.18					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T09-B	1	4.96E+01		4.96E+01	0.90	1.00	3.18					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T01-C	1	2.16E+03		2.16E+03	0.54	1.00	3.18					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T02-C	1	1.36E+03		1.36E+03	1.28	1.00	3.18					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T03-C	1	5.47E+02		5.47E+02	0.57	1.00	3.18	10000	1000	1.53E+03	98%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T04-C	1	3.11E+02		3.11E+02	1.60	1.00	3.18					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T05-C	1	1.22E+02		1.22E+02	0.98	1.00	3.18					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T06-C	1	9.47E+01		9.47E+01	1.39	1.00	3.18					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T07-C	1	7.56E+01		7.56E+01	2.25	1.00	3.18					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T08-C	1	6.27E+01		6.27E+01	1.03	1.00	3.18					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-T09-C	1	4.23E+01		4.23E+01	2.98	1.00	3.18					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
B	CFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	1.74	1.00	3.18					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L11-1314-T01-A	1	4.39E+01		4.39E+01	1.32	1.00	3.18					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T02-A	1	4.64E+01		4.64E+01	0.84	1.00	3.18					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T03-A	1	5.58E+01		5.58E+01	1.55	1.00	3.18	10000	1000	1.05E+03	100%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T04-A	1	6.74E+01		6.74E+01	1.32	1.00	3.18					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T05-A	1	7.32E+01		7.32E+01	0.60	1.00	3.18					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T06-A	1	7.99E+01		7.99E+01	1.76	1.00	3.18					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T07-A	1	8.52E+01		8.52E+01	0.66	1.00	3.18					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T08-A	1	9.41E+01		9.41E+01	1.13	1.00	3.18					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T09-A	1	9.83E+01		9.83E+01	1.00	1.00	3.18					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T01-B	1	4.55E+01		4.55E+01	3.03	1.00	3.18					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T02-B	1	4.67E+01		4.67E+01	1.32	1.00	3.18					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T03-B	1	5.57E+01		5.57E+01	0.99	1.00	3.18	10000	1000	1.05E+03	99%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T04-B	1	6.68E+01		6.68E+01	0.41	1.00	3.18					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T05-B	1	7.63E+01		7.63E+01	1.49	1.00	3.18					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T06-B	1	7.94E+01		7.94E+01	0.63	1.00	3.18					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T07-B	1	8.64E+01		8.64E+01	1.01	1.00	3.18					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T08-B	1	9.26E+01		9.26E+01	0.57	1.00	3.18					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T09-B	1	9.64E+01		9.64E+01	0.85	1.00	3.18					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T01-C	1	4.43E+01		4.43E+01	1.50	1.00	3.18					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T02-C	1	5.06E+01		5.06E+01	1.11	1.00	3.18					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T03-C	1	5.84E+01		5.84E+01	0.53	1.00	3.18	10000	1000	1.05E+03	99%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T04-C	1	6.78E+01		6.78E+01	0.79	1.00	3.18					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T05-C	1	7.36E+01		7.36E+01	1.30	1.00	3.18					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T06-C	1	7.96E+01		7.96E+01	1.10	1.00	3.18					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T07-C	1	8.51E+01		8.51E+01	1.57	1.00	3.18					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T08-C	1	9.45E+01		9.45E+01	0.34	1.00	3.18					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-T09-C	1	9.75E+01		9.75E+01	1.05	1.00	3.18					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Ba	CFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	3.23	1.00	3.18					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L11-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	9.99	1.90	6.00					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	7.43	1.90	6.00					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	7.43	1.90	6.00	10000	1000	1.05E+03	105%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	11.81	1.90	6.00					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	6.47	1.90	6.00					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	8.06	1.90	6.00					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	8.39	1.90	6.00					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	15.57	1.90	6.00					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	1.63	1.90	6.00					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	13.16	1.90	6.00					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	14.02	1.90	6.00					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	8.58	1.90	6.00	10000	1000	1.05E+03	105%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	5.51	1.90	6.00					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	14.36	1.90	6.00					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	4.80	1.90	6.00					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	12.88	1.90	6.00					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	12.97	1.90	6.00					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	11.15	1.90	6.00					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	6.18	1.90	6.00					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	16.32	1.90	6.00					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	1.62	1.90	6.00	10000	1000	1.05E+03	104%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	10.55	1.90	6.00					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	8.22	1.90	6.00					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	10.06	1.90	6.00					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	10.11	1.90	6.00					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	9.14	1.90	6.00					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	14.27	1.90	6.00					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Be	CFS-L11-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	25.33	1.90	6.00					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L11-1314-T01-A	1	1.38E+04		1.38E+04	1.79	2.20	7.00					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T02-A	1	1.06E+04		1.06E+04	1.05	2.20	7.00					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T03-A	1	9.48E+03		9.48E+03	0.54	2.20	7.00	10000	1000	1.04E+04	95%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T04-A	1	7.86E+03		7.86E+03	0.66	2.20	7.00					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T05-A	1	7.52E+03		7.52E+03	0.40	2.20	7.00					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T06-A	1	6.07E+03		6.07E+03	1.07	2.20	7.00					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T07-A	1	5.34E+03		5.34E+03	0.83	2.20	7.00					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T08-A	1	4.69E+03		4.69E+03	0.30	2.20	7.00					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T09-A	1	4.04E+03		4.04E+03	0.51	2.20	7.00					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T01-B	1	1.36E+04		1.36E+04	0.47	2.20	7.00					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T02-B	1	9.81E+03		9.81E+03	1.01	2.20	7.00					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T03-B	1	8.91E+03		8.91E+03	0.94	2.20	7.00	10000	1000	9.91E+03	100%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T04-B	1	8.12E+03		8.12E+03	0.26	2.20	7.00					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T05-B	1	7.57E+03		7.57E+03	1.27	2.20	7.00					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T06-B	1	6.42E+03		6.42E+03	0.40	2.20	7.00					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T07-B	1	5.78E+03		5.78E+03	0.68	2.20	7.00					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T08-B	1	4.88E+03		4.88E+03	0.51	2.20	7.00					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T09-B	1	3.74E+03		3.74E+03	0.18	2.20	7.00					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T01-C	1	1.32E+04		1.32E+04	0.08	2.20	7.00					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T02-C	1	1.05E+04		1.05E+04	1.61	2.20	7.00					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T03-C	1	9.02E+03		9.02E+03	0.79	2.20	7.00	10000	1000	9.97E+03	95%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T04-C	1	7.96E+03		7.96E+03	1.00	2.20	7.00					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T05-C	1	7.48E+03		7.48E+03	1.01	2.20	7.00					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T06-C	1	6.05E+03		6.05E+03	0.78	2.20	7.00					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T07-C	1	5.87E+03		5.87E+03	1.37	2.20	7.00					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T08-C	1	4.94E+03		4.94E+03	0.14	2.20	7.00					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-T09-C	1	4.03E+03		4.03E+03	1.29	2.20	7.00					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Cd	CFS-L11-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	6.29	2.20	7.00					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L11-1314-T01-A	1	4.43E+05		4.43E+05	0.80	2.60	8.30					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T02-A	1	5.07E+05		5.07E+05	0.99	2.60	8.30					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T03-A	1	5.61E+05		5.61E+05	0.57	2.60	8.30	10000	1000	5.62E+05	88%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T04-A	1	5.86E+05		5.86E+05	0.45	2.60	8.30					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T05-A	1	5.98E+05		5.98E+05	0.65	2.60	8.30					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T06-A	1	6.01E+05		6.01E+05	0.99	2.60	8.30					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T07-A	1	6.12E+05		6.12E+05	0.51	2.60	8.30					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T08-A	1	6.03E+05		6.03E+05	0.27	2.60	8.30					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T09-A	1	6.10E+05		6.10E+05	0.51	2.60	8.30					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T01-B	1	4.38E+05		4.38E+05	0.67	2.60	8.30					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T02-B	1	5.08E+05		5.08E+05	0.97	2.60	8.30					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T03-B	1	5.67E+05		5.67E+05	0.70	2.60	8.30	10000	1000	5.68E+05	87%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T04-B	1	5.89E+05		5.89E+05	0.11	2.60	8.30					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T05-B	1	5.99E+05		5.99E+05	0.72	2.60	8.30					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T06-B	1	6.05E+05		6.05E+05	0.45	2.60	8.30					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T07-B	1	6.11E+05		6.11E+05	0.41	2.60	8.30					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T08-B	1	6.02E+05		6.02E+05	0.40	2.60	8.30					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T09-B	1	6.13E+05		6.13E+05	0.35	2.60	8.30					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T01-C	1	4.40E+05		4.40E+05	0.31	2.60	8.30					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T02-C	1	5.03E+05		5.03E+05	0.67	2.60	8.30					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T03-C	1	5.66E+05		5.66E+05	0.56	2.60	8.30	10000	1000	5.67E+05	87%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T04-C	1	5.90E+05		5.90E+05	0.81	2.60	8.30					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T05-C	1	5.96E+05		5.96E+05	0.55	2.60	8.30					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T06-C	1	6.06E+05		6.06E+05	0.70	2.60	8.30					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T07-C	1	6.08E+05		6.08E+05	1.17	2.60	8.30					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T08-C	1	6.04E+05		6.04E+05	0.12	2.60	8.30					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-T09-C	1	6.14E+05		6.14E+05	0.60	2.60	8.30					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Ca	CFS-L11-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	1.15	2.60	8.30					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L11-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	7.59	1.20	3.82					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	13.45	1.20	3.82					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	7.36	1.20	3.82	10000	1000	1.03E+03	103%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	18.96	1.20	3.82					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	10.26	1.20	3.82					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	2.85	1.20	3.82					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	20.43	1.20	3.82					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	7.59	1.20	3.82					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	24.63	1.20	3.82					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	6.25	1.20	3.82					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	12.26	1.20	3.82					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	22.66	1.20	3.82	10000	1000	1.03E+03	103%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	10.53	1.20	3.82					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	7.60	1.20	3.82					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	4.98	1.20	3.82					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	12.67	1.20	3.82					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	28.80	1.20	3.82					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	28.82	1.20	3.82					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	16.44	1.20	3.82					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	11.92	1.20	3.82					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	8.32	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	34.61	1.20	3.82					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	16.85	1.20	3.82					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	10.96	1.20	3.82					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	17.29	1.20	3.82					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	5.74	1.20	3.82					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	14.19	1.20	3.82					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Cr	CFS-L11-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	23.14	1.20	3.82					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L11-1314-T01-A	1	7.35E+02		7.35E+02	0.49	1.80	5.72					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T02-A	1	3.25E+02		3.25E+02	1.07	1.80	5.72					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T03-A	1	2.64E+02		2.64E+02	0.89	1.80	5.72	10000	1000	1.28E+03	102%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T04-A	1	2.24E+02		2.24E+02	0.57	1.80	5.72					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T05-A	1	1.97E+02		1.97E+02	0.79	1.80	5.72					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T06-A	1	1.35E+02		1.35E+02	1.27	1.80	5.72					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T07-A	1	1.04E+02		1.04E+02	1.68	1.80	5.72					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T08-A	1	6.49E+01		6.49E+01	1.59	1.80	5.72					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T09-A	1	4.98E+01		4.98E+01	2.43	1.80	5.72					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T01-B	1	7.18E+02		7.18E+02	1.47	1.80	5.72					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T02-B	1	3.31E+02		3.31E+02	1.34	1.80	5.72					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T03-B	1	2.54E+02		2.54E+02	0.85	1.80	5.72	10000	1000	1.31E+03	106%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T04-B	1	2.28E+02		2.28E+02	0.89	1.80	5.72					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T05-B	1	1.85E+02		1.85E+02	0.55	1.80	5.72					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T06-B	1	1.32E+02		1.32E+02	0.82	1.80	5.72					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T07-B	1	1.03E+02		1.03E+02	1.23	1.80	5.72					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T08-B	1	5.84E+01		5.84E+01	1.13	1.80	5.72					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T09-B	1	4.16E+01		4.16E+01	2.04	1.80	5.72					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T01-C	1	7.25E+02		7.25E+02	0.24	1.80	5.72					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T02-C	1	3.40E+02		3.40E+02	1.02	1.80	5.72					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T03-C	1	2.62E+02		2.62E+02	0.52	1.80	5.72	10000	1000	1.25E+03	99%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T04-C	1	2.20E+02		2.20E+02	1.44	1.80	5.72					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T05-C	1	1.85E+02		1.85E+02	0.19	1.80	5.72					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T06-C	1	1.29E+02		1.29E+02	1.00	1.80	5.72					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T07-C	1	1.19E+02		1.19E+02	1.66	1.80	5.72					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T08-C	1	6.59E+01		6.59E+01	1.69	1.80	5.72					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-T09-C	1	4.43E+01		4.43E+01	0.92	1.80	5.72					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Co	CFS-L11-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	3.92	1.80	5.72					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L11-1314-T01-A	1	2.26E+03		2.26E+03	2.04	3.70	11.80					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T02-A	1	1.82E+03		1.82E+03	0.74	3.70	11.80					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T03-A	1	1.40E+03		1.40E+03	0.49	3.70	11.80	10000	1000	2.46E+03	106%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T04-A	1	1.44E+03		1.44E+03	0.75	3.70	11.80					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T05-A	1	1.51E+03		1.51E+03	0.52	3.70	11.80					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T06-A	1	1.10E+03		1.10E+03	1.12	3.70	11.80					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T07-A	1	9.97E+02		9.97E+02	0.06	3.70	11.80					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T08-A	1	9.35E+02		9.35E+02	0.15	3.70	11.80					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T09-A	1	8.92E+02		8.92E+02	0.52	3.70	11.80					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T01-B	1	2.30E+03		2.30E+03	1.06	3.70	11.80					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T02-B	1	1.92E+03		1.92E+03	3.55	3.70	11.80					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T03-B	1	1.43E+03		1.43E+03	2.14	3.70	11.80	10000	1000	2.42E+03	98%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T04-B	1	1.49E+03		1.49E+03	0.51	3.70	11.80					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T05-B	1	1.54E+03		1.54E+03	0.74	3.70	11.80					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T06-B	1	1.13E+03		1.13E+03	0.27	3.70	11.80					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T07-B	1	1.02E+03		1.02E+03	0.52	3.70	11.80					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T08-B	1	9.57E+02		9.57E+02	0.66	3.70	11.80					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T09-B	1	9.14E+02		9.14E+02	0.51	3.70	11.80					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T01-C	1	2.18E+03		2.18E+03	0.69	3.70	11.80					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T02-C	1	1.85E+03		1.85E+03	3.45	3.70	11.80					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T03-C	1	1.47E+03		1.47E+03	1.06	3.70	11.80	10000	1000	2.50E+03	103%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T04-C	1	1.50E+03		1.50E+03	0.96	3.70	11.80					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T05-C	1	1.51E+03		1.51E+03	1.13	3.70	11.80					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T06-C	1	1.02E+03		1.02E+03	0.17	3.70	11.80					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T07-C	1	9.73E+02		9.73E+02	1.17	3.70	11.80					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T08-C	1	9.27E+02		9.27E+02	0.36	3.70	11.80					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-T09-C	1	8.73E+02		8.73E+02	0.96	3.70	11.80					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Cu	CFS-L11-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	3.48	3.70	11.80					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L11-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	16.35	2.00	6.40					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	0.23	2.00	6.40					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	5.51	2.00	6.40	10000	1000	1.04E+03	104%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	6.33	2.00	6.40					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	11.81	2.00	6.40					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	0.77	2.00	6.40					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	3.47	2.00	6.40					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	5.70	2.00	6.40					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	1.49	2.00	6.40					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	8.55	2.00	6.40					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	9.37	2.00	6.40					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	5.69	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	6.13	2.00	6.40					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	9.90	2.00	6.40					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	3.98	2.00	6.40					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	3.03	2.00	6.40					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	2.30	2.00	6.40					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	4.11	2.00	6.40					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	2.82	2.00	6.40					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	7.51	2.00	6.40					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	10.03	2.00	6.40	10000	1000	1.01E+03	101%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	8.49	2.00	6.40					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	3.27	2.00	6.40					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	6.80	2.00	6.40					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	5.33	2.00	6.40					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	9.09	2.00	6.40					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	6.08	2.00	6.40					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Fe	CFS-L11-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	11.03	2.00	6.40					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L11-1314-T01-A	1	6.05E+02		6.05E+02	2.06	6.80	21.60					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T02-A	1	6.43E+02		6.43E+02	0.49	6.80	21.60					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T03-A	1	7.46E+02		7.46E+02	1.15	6.80	21.60	10000	1000	1.83E+03	109%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T04-A	1	8.44E+02		8.44E+02	0.25	6.80	21.60					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T05-A	1	8.99E+02		8.99E+02	0.32	6.80	21.60					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T06-A	1	8.22E+02		8.22E+02	1.68	6.80	21.60					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T07-A	1	8.32E+02		8.32E+02	0.29	6.80	21.60					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T08-A	1	8.19E+02		8.19E+02	0.56	6.80	21.60					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T09-A	1	7.64E+02		7.64E+02	1.12	6.80	21.60					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T01-B	1	6.12E+02		6.12E+02	3.42	6.80	21.60					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T02-B	1	6.43E+02		6.43E+02	5.43	6.80	21.60					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T03-B	1	7.87E+02		7.87E+02	1.54	6.80	21.60	10000	1000	1.86E+03	108%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T04-B	1	8.94E+02		8.94E+02	0.45	6.80	21.60					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T05-B	1	9.40E+02		9.40E+02	0.80	6.80	21.60					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T06-B	1	8.00E+02		8.00E+02	0.67	6.80	21.60					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T07-B	1	8.08E+02		8.08E+02	1.52	6.80	21.60					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T08-B	1	8.47E+02		8.47E+02	0.57	6.80	21.60					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T09-B	1	7.56E+02		7.56E+02	0.42	6.80	21.60					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T01-C	1	6.17E+02		6.17E+02	1.65	6.80	21.60					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T02-C	1	6.61E+02		6.61E+02	6.94	6.80	21.60					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T03-C	1	7.64E+02		7.64E+02	1.92	6.80	21.60	10000	1000	1.90E+03	113%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T04-C	1	8.46E+02		8.46E+02	1.04	6.80	21.60					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T05-C	1	8.89E+02		8.89E+02	1.38	6.80	21.60					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T06-C	1	8.10E+02		8.10E+02	1.49	6.80	21.60					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T07-C	1	8.39E+02		8.39E+02	1.05	6.80	21.60					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T08-C	1	8.12E+02		8.12E+02	0.88	6.80	21.60					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-T09-C	1	7.55E+02		7.55E+02	0.87	6.80	21.60					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Pb	CFS-L11-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	7.11	6.80	21.60					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L11-1314-T01-A	1	3.18E+01		3.18E+01	1.70	1.90	6.00					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T02-A	1	1.39E+01		1.39E+01	1.14	1.90	6.00					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T03-A	1	1.26E+01		1.26E+01	9.02	1.90	6.00	10000	1000	9.77E+02	96%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T04-A	1	1.19E+01		1.19E+01	2.80	1.90	6.00					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T05-A	1	1.30E+01		1.30E+01	7.94	1.90	6.00					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T06-A	1	1.11E+01		1.11E+01	5.52	1.90	6.00					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T07-A	1	1.34E+01		1.34E+01	4.80	1.90	6.00					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T08-A	1	1.10E+01		1.10E+01	5.74	1.90	6.00					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T09-A	1	1.10E+01		1.10E+01	4.36	1.90	6.00					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T01-B	1	3.50E+01		3.50E+01	13.55	1.90	6.00					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T02-B	1	1.36E+01		1.36E+01	7.82	1.90	6.00					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T03-B	1	1.11E+01		1.11E+01	1.85	1.90	6.00	10000	1000	9.72E+02	96%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T04-B	1	1.29E+01		1.29E+01	6.80	1.90	6.00					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T05-B	1	1.16E+01		1.16E+01	2.84	1.90	6.00					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T06-B	1	1.20E+01		1.20E+01	3.72	1.90	6.00					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T07-B	1	1.30E+01		1.30E+01	2.16	1.90	6.00					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T08-B	1	1.13E+01		1.13E+01	3.65	1.90	6.00					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T09-B	1	1.21E+01		1.21E+01	10.12	1.90	6.00					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T01-C	1	3.29E+01		3.29E+01	5.54	1.90	6.00					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T02-C	1	1.31E+01		1.31E+01	3.53	1.90	6.00					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T03-C	1	1.34E+01		1.34E+01	7.60	1.90	6.00	10000	1000	9.67E+02	95%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T04-C	1	1.22E+01		1.22E+01	1.49	1.90	6.00					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T05-C	1	1.11E+01		1.11E+01	3.08	1.90	6.00					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T06-C	1	1.24E+01		1.24E+01	0.53	1.90	6.00					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T07-C	1	1.26E+01		1.26E+01	4.95	1.90	6.00					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T08-C	1	1.21E+01		1.21E+01	3.77	1.90	6.00					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-T09-C	1	1.10E+01		1.10E+01	1.67	1.90	6.00					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Li	CFS-L11-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	14.21	1.90	6.00					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L11-1314-T01-A	1	1.75E+04		1.75E+04	1.20	2.00	6.40					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T02-A	1	8.85E+03		8.85E+03	0.18	2.00	6.40					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T03-A	1	6.16E+03		6.16E+03	0.92	2.00	6.40	10000	1000	7.10E+03	94%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T04-A	1	3.76E+03		3.76E+03	0.64	2.00	6.40					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T05-A	1	2.41E+03		2.41E+03	1.18	2.00	6.40					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T06-A	1	1.24E+03		1.24E+03	0.75	2.00	6.40					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T07-A	1	7.06E+02		7.06E+02	0.96	2.00	6.40					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T08-A	1	5.39E+02		5.39E+02	0.51	2.00	6.40					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T09-A	1	4.67E+02		4.67E+02	0.46	2.00	6.40					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T01-B	1	1.92E+04		1.92E+04	0.44	2.00	6.40					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T02-B	1	8.61E+03		8.61E+03	0.71	2.00	6.40					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T03-B	1	6.54E+03		6.54E+03	0.78	2.00	6.40	10000	1000	7.54E+03	100%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T04-B	1	3.76E+03		3.76E+03	0.28	2.00	6.40					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T05-B	1	2.57E+03		2.57E+03	1.64	2.00	6.40					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T06-B	1	1.17E+03		1.17E+03	1.29	2.00	6.40					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T07-B	1	7.01E+02		7.01E+02	1.26	2.00	6.40					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T08-B	1	5.36E+02		5.36E+02	0.31	2.00	6.40					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T09-B	1	4.95E+02		4.95E+02	2.34	2.00	6.40					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T01-C	1	1.78E+04		1.78E+04	0.30	2.00	6.40					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T02-C	1	9.14E+03		9.14E+03	0.63	2.00	6.40					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T03-C	1	5.87E+03		5.87E+03	1.46	2.00	6.40	10000	1000	6.80E+03	93%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T04-C	1	3.32E+03		3.32E+03	1.78	2.00	6.40					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T05-C	1	2.53E+03		2.53E+03	1.67	2.00	6.40					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T06-C	1	1.26E+03		1.26E+03	1.54	2.00	6.40					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T07-C	1	6.56E+02		6.56E+02	0.76	2.00	6.40					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T08-C	1	4.96E+02		4.96E+02	1.95	2.00	6.40					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-T09-C	1	4.32E+02		4.32E+02	0.66	2.00	6.40					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Mn	CFS-L11-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	4.32	2.00	6.40					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L11-1314-T01-A	1	2.09E+06		2.09E+06	1.05	1.00	3.18					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T02-A	1	7.42E+05		7.42E+05	0.95	1.00	3.18					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T03-A	1	1.54E+05		1.54E+05	0.52	1.00	3.18	10000	1000	1.55E+05	86%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T04-A	1	4.11E+04		4.11E+04	0.58	1.00	3.18					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T05-A	1	2.66E+04		2.66E+04	1.09	1.00	3.18					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T06-A	1	1.72E+04		1.72E+04	0.30	1.00	3.18					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T07-A	1	1.20E+04		1.20E+04	1.16	1.00	3.18					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T08-A	1	1.00E+04		1.00E+04	0.98	1.00	3.18					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T09-A	1	8.14E+03		8.14E+03	1.22	1.00	3.18					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T01-B	1	2.02E+06		2.02E+06	0.84	1.00	3.18					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T02-B	1	6.82E+05		6.82E+05	0.80	1.00	3.18					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T03-B	1	1.45E+05		1.45E+05	0.57	1.00	3.18	10000	1000	1.46E+05	87%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T04-B	1	4.15E+04		4.15E+04	0.76	1.00	3.18					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T05-B	1	2.54E+04		2.54E+04	0.51	1.00	3.18					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T06-B	1	1.66E+04		1.66E+04	1.51	1.00	3.18					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T07-B	1	1.19E+04		1.19E+04	0.81	1.00	3.18					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T08-B	1	1.01E+04		1.01E+04	0.44	1.00	3.18					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T09-B	1	8.95E+03		8.95E+03	0.75	1.00	3.18					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T01-C	1	2.02E+06		2.02E+06	0.78	1.00	3.18					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T02-C	1	7.37E+05		7.37E+05	1.29	1.00	3.18					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T03-C	1	1.43E+05		1.43E+05	0.84	1.00	3.18	10000	1000	1.44E+05	84%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T04-C	1	4.24E+04		4.24E+04	1.71	1.00	3.18					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T05-C	1	2.62E+04		2.62E+04	0.07	1.00	3.18					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T06-C	1	1.62E+04		1.62E+04	2.25	1.00	3.18					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T07-C	1	1.17E+04		1.17E+04	0.44	1.00	3.18					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T08-C	1	1.01E+04		1.01E+04	0.43	1.00	3.18					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-T09-C	1	8.48E+03		8.48E+03	1.75	1.00	3.18					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Mg	CFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	1.54	1.00	3.18					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L11-1314-T01-A	1	3.18E+01		3.18E+01	5.11	1.20	3.82					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T02-A	1	1.46E+01		1.46E+01	1.05	1.20	3.82					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T03-A	1	1.03E+01		1.03E+01	1.00	1.20	3.82	10000	1000	1.02E+03	101%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T04-A	1	9.56E+00		9.56E+00	6.29	1.20	3.82					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T05-A	1	7.94E+00		7.94E+00	3.18	1.20	3.82					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T06-A	1	7.93E+00		7.93E+00	6.10	1.20	3.82					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T07-A	1	8.10E+00		8.10E+00	3.13	1.20	3.82					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T08-A	1	8.37E+00		8.37E+00	1.44	1.20	3.82					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T09-A	1	8.36E+00		8.36E+00	10.69	1.20	3.82					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T01-B	1	3.19E+01		3.19E+01	2.63	1.20	3.82					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T02-B	1	1.31E+01		1.31E+01	1.17	1.20	3.82					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T03-B	1	9.67E+00		9.67E+00	3.09	1.20	3.82	10000	1000	1.01E+03	100%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T04-B	1	7.74E+00		7.74E+00	2.41	1.20	3.82					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T05-B	1	7.09E+00		7.09E+00	4.09	1.20	3.82					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T06-B	1	7.90E+00		7.90E+00	7.89	1.20	3.82					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T07-B	1	8.55E+00		8.55E+00	3.16	1.20	3.82					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T08-B	1	8.38E+00		8.38E+00	4.38	1.20	3.82					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T09-B	1	8.23E+00		8.23E+00	5.10	1.20	3.82					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T01-C	1	3.36E+01		3.36E+01	3.74	1.20	3.82					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T02-C	1	1.33E+01		1.33E+01	3.15	1.20	3.82					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T03-C	1	1.07E+01		1.07E+01	4.99	1.20	3.82	10000	1000	1.01E+03	100%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T04-C	1	8.70E+00		8.70E+00	9.55	1.20	3.82					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T05-C	1	8.00E+00		8.00E+00	2.82	1.20	3.82					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T06-C	1	8.08E+00		8.08E+00	2.76	1.20	3.82					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T07-C	1	8.34E+00		8.34E+00	6.17	1.20	3.82					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T08-C	1	8.38E+00		8.38E+00	7.29	1.20	3.82					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-T09-C	1	7.81E+00		7.81E+00	5.70	1.20	3.82					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Mo	CFS-L11-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	5.11	1.20	3.82					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L11-1314-T01-A	1	1.03E+03		1.03E+03	1.06	1.80	5.70					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T02-A	1	4.61E+02		4.61E+02	1.39	1.80	5.70					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T03-A	1	3.79E+02		3.79E+02	0.50	1.80	5.70	10000	1000	1.31E+03	93%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T04-A	1	3.66E+02		3.66E+02	0.90	1.80	5.70					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T05-A	1	3.71E+02		3.71E+02	0.73	1.80	5.70					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T06-A	1	3.25E+02		3.25E+02	0.56	1.80	5.70					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T07-A	1	2.52E+02		2.52E+02	1.42	1.80	5.70					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T08-A	1	1.45E+02		1.45E+02	3.57	1.80	5.70					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T09-A	1	1.11E+02		1.11E+02	1.44	1.80	5.70					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T01-B	1	1.02E+03		1.02E+03	1.60	1.80	5.70					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T02-B	1	4.56E+02		4.56E+02	1.16	1.80	5.70					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T03-B	1	3.52E+02		3.52E+02	0.93	1.80	5.70	10000	1000	1.29E+03	94%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T04-B	1	3.46E+02		3.46E+02	0.31	1.80	5.70					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T05-B	1	3.66E+02		3.66E+02	1.93	1.80	5.70					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T06-B	1	3.35E+02		3.35E+02	1.14	1.80	5.70					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T07-B	1	2.37E+02		2.37E+02	0.44	1.80	5.70					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T08-B	1	1.37E+02		1.37E+02	1.12	1.80	5.70					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T09-B	1	9.42E+01		9.42E+01	3.60	1.80	5.70					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T01-C	1	1.02E+03		1.02E+03	0.54	1.80	5.70					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T02-C	1	4.65E+02		4.65E+02	0.70	1.80	5.70					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T03-C	1	3.63E+02		3.63E+02	2.24	1.80	5.70	10000	1000	1.24E+03	88%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T04-C	1	3.25E+02		3.25E+02	0.50	1.80	5.70					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T05-C	1	3.73E+02		3.73E+02	2.07	1.80	5.70					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T06-C	1	3.37E+02		3.37E+02	2.30	1.80	5.70					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T07-C	1	2.43E+02		2.43E+02	3.24	1.80	5.70					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T08-C	1	1.44E+02		1.44E+02	2.96	1.80	5.70					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-T09-C	1	1.03E+02		1.03E+02	6.09	1.80	5.70					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Ni	CFS-L11-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	8.83	1.80	5.70					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L11-1314-T01-A	1	4.61E+01		4.61E+01	3.75	3.70	11.80					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T02-A	1	3.32E+01		3.32E+01	8.26	3.70	11.80					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T03-A	1	2.65E+01		2.65E+01	2.10	3.70	11.80	10000	1000	1.11E+03	108%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T04-A	1	2.07E+01		2.07E+01	4.07	3.70	11.80					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T05-A	1	2.23E+01		2.23E+01	4.56	3.70	11.80					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T06-A	1	2.75E+01		2.75E+01	4.89	3.70	11.80					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T07-A	1	2.22E+01		2.22E+01	2.95	3.70	11.80					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T08-A	1	2.73E+01		2.73E+01	1.90	3.70	11.80					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T09-A	1	2.80E+01		2.80E+01	8.48	3.70	11.80					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T01-B	1	4.54E+01		4.54E+01	4.37	3.70	11.80					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T02-B	1	3.24E+01		3.24E+01	4.55	3.70	11.80					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T03-B	1	2.32E+01		2.32E+01	10.78	3.70	11.80	10000	1000	1.12E+03	109%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T04-B	1	2.49E+01		2.49E+01	6.72	3.70	11.80					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T05-B	1	2.48E+01		2.48E+01	2.52	3.70	11.80					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T06-B	1	2.89E+01		2.89E+01	8.03	3.70	11.80					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T07-B	1	2.65E+01		2.65E+01	7.26	3.70	11.80					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T08-B	1	2.23E+01		2.23E+01	3.06	3.70	11.80					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T09-B	1	2.87E+01		2.87E+01	6.63	3.70	11.80					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T01-C	1	4.98E+01		4.98E+01	1.46	3.70	11.80					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T02-C	1	3.03E+01		3.03E+01	9.95	3.70	11.80					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T03-C	1	2.76E+01		2.76E+01	5.52	3.70	11.80	10000	1000	1.06E+03	103%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T04-C	1	2.47E+01		2.47E+01	4.14	3.70	11.80					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T05-C	1	2.10E+01		2.10E+01	8.46	3.70	11.80					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T06-C	1	2.47E+01		2.47E+01	3.70	3.70	11.80					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T07-C	1	2.17E+01		2.17E+01	2.06	3.70	11.80					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T08-C	1	2.74E+01		2.74E+01	1.87	3.70	11.80					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-T09-C	1	2.53E+01		2.53E+01	4.33	3.70	11.80					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
P	CFS-L11-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	16.40	3.70	11.80					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L11-1314-T01-A	1	1.29E+05		1.29E+05	1.23	1.60	5.09					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T02-A	1	5.20E+04		5.20E+04	0.86	1.60	5.09					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T03-A	1	2.78E+04		2.78E+04	0.50	1.60	5.09	10000	1000	2.87E+04	85%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T04-A	1	2.38E+04		2.38E+04	0.65	1.60	5.09					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T05-A	1	1.84E+04		1.84E+04	0.42	1.60	5.09					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T06-A	1	1.09E+04		1.09E+04	1.32	1.60	5.09					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T07-A	1	6.88E+03		6.88E+03	0.39	1.60	5.09					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T08-A	1	4.23E+03		4.23E+03	0.21	1.60	5.09					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T09-A	1	3.06E+03		3.06E+03	0.59	1.60	5.09					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T01-B	1	1.25E+05		1.25E+05	0.68	1.60	5.09					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T02-B	1	4.96E+04		4.96E+04	1.28	1.60	5.09					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T03-B	1	2.76E+04		2.76E+04	0.59	1.60	5.09	10000	1000	2.84E+04	84%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T04-B	1	2.30E+04		2.30E+04	0.01	1.60	5.09					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T05-B	1	1.72E+04		1.72E+04	0.82	1.60	5.09					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T06-B	1	9.97E+03		9.97E+03	0.33	1.60	5.09					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T07-B	1	6.52E+03		6.52E+03	0.72	1.60	5.09					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T08-B	1	3.99E+03		3.99E+03	0.27	1.60	5.09					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T09-B	1	2.92E+03		2.92E+03	0.11	1.60	5.09					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T01-C	1	1.24E+05		1.24E+05	0.27	1.60	5.09					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T02-C	1	4.86E+04		4.86E+04	1.37	1.60	5.09					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T03-C	1	2.64E+04		2.64E+04	1.18	1.60	5.09	10000	1000	2.73E+04	85%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T04-C	1	2.07E+04		2.07E+04	1.55	1.60	5.09					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T05-C	1	1.71E+04		1.71E+04	0.49	1.60	5.09					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T06-C	1	1.00E+04		1.00E+04	0.77	1.60	5.09					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T07-C	1	6.57E+03		6.57E+03	1.12	1.60	5.09					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T08-C	1	4.16E+03		4.16E+03	0.17	1.60	5.09					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-T09-C	1	2.88E+03		2.88E+03	0.85	1.60	5.09					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
K	CFS-L11-1314-B01-A	1	6.43E+00		6.43E+00	1.94	1.60	5.09					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L11-1314-T01-A	1	1.77E+03		1.77E+03	2.13	15.00	47.70					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T02-A	1	3.57E+02		3.57E+02	2.64	15.00	47.70					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T03-A	1	1.23E+02		1.23E+02	9.53	15.00	47.70	10000	1000	1.21E+03	108%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T04-A	1	8.81E+01		8.81E+01	3.81	15.00	47.70					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T05-A	1	6.61E+01		6.61E+01	1.32	15.00	47.70					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T06-A	1	4.19E+01	E	4.19E+01	18.10	15.00	47.70					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T07-A	1	2.03E+01	E	2.03E+01	8.59	15.00	47.70					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	14.73	15.00	47.70					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	12.23	15.00	47.70					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T01-B	1	1.50E+03		1.50E+03	1.20	15.00	47.70					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T02-B	1	3.52E+02		3.52E+02	5.86	15.00	47.70					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T03-B	1	1.24E+02		1.24E+02	5.82	15.00	47.70	10000	1000	1.18E+03	106%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T04-B	1	9.33E+01		9.33E+01	1.45	15.00	47.70					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T05-B	1	6.10E+01		6.10E+01	2.48	15.00	47.70					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T06-B	1	3.85E+01	E	3.85E+01	4.92	15.00	47.70					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T07-B	1	1.94E+01	E	1.94E+01	6.37	15.00	47.70					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	12.25	15.00	47.70					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	6.63	15.00	47.70					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T01-C	1	1.59E+03		1.59E+03	0.83	15.00	47.70					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T02-C	1	3.39E+02		3.39E+02	1.78	15.00	47.70					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T03-C	1	1.16E+02		1.16E+02	8.09	15.00	47.70	10000	1000	1.16E+03	104%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T04-C	1	8.57E+01		8.57E+01	1.75	15.00	47.70					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T05-C	1	5.85E+01		5.85E+01	5.78	15.00	47.70					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T06-C	1	3.67E+01	E	3.67E+01	23.34	15.00	47.70					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T07-C	1	2.22E+01	E	2.22E+01	16.77	15.00	47.70					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	6.92	15.00	47.70					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	13.09	15.00	47.70					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Se	CFS-L11-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	11.20	15.00	47.70					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L11-1314-T01-A	1	8.24E+03		8.24E+03	0.91	1.10	3.50					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T02-A	1	7.24E+03		7.24E+03	1.05	1.10	3.50					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T03-A	1	6.46E+03		6.46E+03	0.50	1.10	3.50	10000	1000	7.31E+03	85%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T04-A	1	5.83E+03		5.83E+03	1.49	1.10	3.50					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T05-A	1	5.74E+03		5.74E+03	1.22	1.10	3.50					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T06-A	1	5.20E+03		5.20E+03	1.62	1.10	3.50					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T07-A	1	4.89E+03		4.89E+03	0.91	1.10	3.50					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T08-A	1	4.12E+03		4.12E+03	1.50	1.10	3.50					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T09-A	1	4.16E+03		4.16E+03	1.48	1.10	3.50					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T01-B	1	8.12E+03		8.12E+03	1.18	1.10	3.50					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T02-B	1	6.82E+03		6.82E+03	1.06	1.10	3.50					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T03-B	1	6.38E+03		6.38E+03	0.96	1.10	3.50	10000	1000	7.27E+03	89%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T04-B	1	6.20E+03		6.20E+03	0.56	1.10	3.50					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T05-B	1	5.94E+03		5.94E+03	1.69	1.10	3.50					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T06-B	1	5.38E+03		5.38E+03	0.65	1.10	3.50					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T07-B	1	4.94E+03		4.94E+03	0.76	1.10	3.50					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T08-B	1	4.24E+03		4.24E+03	1.45	1.10	3.50					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T09-B	1	4.14E+03		4.14E+03	0.76	1.10	3.50					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T01-C	1	8.05E+03		8.05E+03	0.40	1.10	3.50					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T02-C	1	6.84E+03		6.84E+03	0.93	1.10	3.50					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T03-C	1	6.02E+03		6.02E+03	0.66	1.10	3.50	10000	1000	6.88E+03	86%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T04-C	1	5.90E+03		5.90E+03	1.69	1.10	3.50					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T05-C	1	5.87E+03		5.87E+03	0.20	1.10	3.50					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T06-C	1	5.11E+03		5.11E+03	1.22	1.10	3.50					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T07-C	1	4.90E+03		4.90E+03	1.99	1.10	3.50					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T08-C	1	4.02E+03		4.02E+03	0.94	1.10	3.50					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-T09-C	1	3.88E+03		3.88E+03	0.79	1.10	3.50					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Si	CFS-L11-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	7.21	1.10	3.50					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L11-1314-T01-A	1	3.12E+05		3.12E+05	0.98	2.50	8.00					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T02-A	1	1.48E+05		1.48E+05	1.01	2.50	8.00					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T03-A	1	2.23E+04		2.23E+04	0.95	2.50	8.00	10000	1000	2.32E+04	91%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T04-A	1	9.55E+03		9.55E+03	0.54	2.50	8.00					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T05-A	1	5.71E+03		5.71E+03	0.66	2.50	8.00					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T06-A	1	3.74E+03		3.74E+03	0.99	2.50	8.00					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T07-A	1	2.87E+03		2.87E+03	0.48	2.50	8.00					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T08-A	1	2.24E+03		2.24E+03	0.68	2.50	8.00					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T09-A	1	1.97E+03		1.97E+03	0.90	2.50	8.00					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T01-B	1	3.16E+05		3.16E+05	1.20	2.50	8.00					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T02-B	1	1.52E+05		1.52E+05	1.40	2.50	8.00					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T03-B	1	2.47E+04		2.47E+04	1.34	2.50	8.00	10000	1000	2.56E+04	90%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T04-B	1	9.37E+03		9.37E+03	0.25	2.50	8.00					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T05-B	1	5.43E+03		5.43E+03	0.61	2.50	8.00					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T06-B	1	3.44E+03		3.44E+03	0.79	2.50	8.00					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T07-B	1	2.67E+03		2.67E+03	0.41	2.50	8.00					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T08-B	1	2.03E+03		2.03E+03	0.53	2.50	8.00					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T09-B	1	1.81E+03		1.81E+03	0.18	2.50	8.00					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T01-C	1	3.09E+05		3.09E+05	0.67	2.50	8.00					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T02-C	1	1.46E+05		1.46E+05	0.93	2.50	8.00					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T03-C	1	2.28E+04		2.28E+04	0.87	2.50	8.00	10000	1000	2.37E+04	89%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T04-C	1	9.41E+03		9.41E+03	0.90	2.50	8.00					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T05-C	1	5.43E+03		5.43E+03	0.43	2.50	8.00					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T06-C	1	3.54E+03		3.54E+03	1.19	2.50	8.00					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T07-C	1	2.76E+03		2.76E+03	1.10	2.50	8.00					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T08-C	1	2.22E+03		2.22E+03	0.41	2.50	8.00					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-T09-C	1	2.00E+03		2.00E+03	0.83	2.50	8.00					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Na	CFS-L11-1314-B01-A	1	1.33E+01		1.33E+01	2.45	2.50	8.00					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L11-1314-T01-A	1	5.21E+03		5.21E+03	1.41	1.00	3.18					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T02-A	1	3.54E+03		3.54E+03	1.42	1.00	3.18					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T03-A	1	3.52E+03		3.52E+03	1.13	1.00	3.18	10000	1000	4.47E+03	95%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T04-A	1	3.27E+03		3.27E+03	1.83	1.00	3.18					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T05-A	1	2.77E+03		2.77E+03	0.84	1.00	3.18					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T06-A	1	2.02E+03		2.02E+03	1.64	1.00	3.18					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T07-A	1	1.83E+03		1.83E+03	0.61	1.00	3.18					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T08-A	1	1.61E+03		1.61E+03	1.03	1.00	3.18					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T09-A	1	1.64E+03		1.64E+03	1.00	1.00	3.18					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T01-B	1	5.01E+03		5.01E+03	0.98	1.00	3.18					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T02-B	1	3.49E+03		3.49E+03	0.42	1.00	3.18					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T03-B	1	3.40E+03		3.40E+03	0.62	1.00	3.18	10000	1000	4.32E+03	92%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T04-B	1	3.13E+03		3.13E+03	0.99	1.00	3.18					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T05-B	1	2.55E+03		2.55E+03	1.71	1.00	3.18					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T06-B	1	1.98E+03		1.98E+03	0.22	1.00	3.18					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T07-B	1	1.81E+03		1.81E+03	0.71	1.00	3.18					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T08-B	1	1.63E+03		1.63E+03	0.73	1.00	3.18					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T09-B	1	1.63E+03		1.63E+03	0.56	1.00	3.18					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T01-C	1	5.20E+03		5.20E+03	1.43	1.00	3.18					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T02-C	1	3.74E+03		3.74E+03	1.25	1.00	3.18					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T03-C	1	3.54E+03		3.54E+03	1.71	1.00	3.18	10000	1000	4.52E+03	98%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T04-C	1	3.08E+03		3.08E+03	0.86	1.00	3.18					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T05-C	1	2.82E+03		2.82E+03	1.18	1.00	3.18					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T06-C	1	1.93E+03		1.93E+03	0.98	1.00	3.18					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T07-C	1	1.79E+03		1.79E+03	1.51	1.00	3.18					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T08-C	1	1.61E+03		1.61E+03	0.93	1.00	3.18					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-T09-C	1	1.64E+03		1.64E+03	0.83	1.00	3.18					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Sr	CFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	3.39	1.00	3.18					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L11-1314-T01-A	1	2.42E+06		2.42E+06	0.74	6.80	21.60					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T02-A	1	1.28E+06		1.28E+06	0.08	6.80	21.60					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T03-A	1	7.21E+05		7.21E+05	2.81	6.80	21.60	10000	1000	7.22E+05	91%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T04-A	1	5.94E+05		5.94E+05	1.85	6.80	21.60					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T05-A	1	5.73E+05		5.73E+05	1.09	6.80	21.60					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T06-A	1	5.51E+05		5.51E+05	1.65	6.80	21.60					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T07-A	1	5.44E+05		5.44E+05	3.28	6.80	21.60					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T08-A	1	5.25E+05		5.25E+05	1.48	6.80	21.60					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T09-A	1	5.32E+05		5.32E+05	1.72	6.80	21.60					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T01-B	1	2.34E+06		2.34E+06	1.21	6.80	21.60					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T02-B	1	1.30E+06		1.30E+06	0.39	6.80	21.60					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T03-B	1	7.15E+05		7.15E+05	1.62	6.80	21.60	10000	1000	7.16E+05	90%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T04-B	1	5.93E+05		5.93E+05	1.01	6.80	21.60					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T05-B	1	5.72E+05		5.72E+05	0.65	6.80	21.60					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T06-B	1	5.57E+05		5.57E+05	2.38	6.80	21.60					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T07-B	1	5.47E+05		5.47E+05	1.44	6.80	21.60					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T08-B	1	5.43E+05		5.43E+05	1.60	6.80	21.60					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T09-B	1	5.25E+05		5.25E+05	0.91	6.80	21.60					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T01-C	1	2.27E+06		2.27E+06	0.54	6.80	21.60					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T02-C	1	1.23E+06		1.23E+06	0.64	6.80	21.60					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T03-C	1	7.11E+05		7.11E+05	2.24	6.80	21.60	10000	1000	7.12E+05	86%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T04-C	1	5.81E+05		5.81E+05	3.01	6.80	21.60					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T05-C	1	5.62E+05		5.62E+05	0.49	6.80	21.60					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T06-C	1	5.44E+05		5.44E+05	0.60	6.80	21.60					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T07-C	1	5.45E+05		5.45E+05	2.56	6.80	21.60					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T08-C	1	5.35E+05		5.35E+05	2.11	6.80	21.60					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-T09-C	1	5.52E+05		5.52E+05	0.71	6.80	21.60					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
S	CFS-L11-1314-B01-A	1	1.74E+01	E	1.74E+01	2.99	6.80	21.60					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L11-1314-T01-A	1	1.92E+03		1.92E+03	1.02	4.60	14.60					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T02-A	1	9.63E+02		9.63E+02	1.60	4.60	14.60					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T03-A	1	6.33E+02		6.33E+02	0.79	4.60	14.60	10000	1000	1.61E+03	97%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T04-A	1	4.75E+02		4.75E+02	1.18	4.60	14.60					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T05-A	1	3.87E+02		3.87E+02	2.64	4.60	14.60					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T06-A	1	2.41E+02		2.41E+02	1.92	4.60	14.60					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T07-A	1	1.75E+02		1.75E+02	2.04	4.60	14.60					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T08-A	1	1.14E+02		1.14E+02	2.01	4.60	14.60					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T09-A	1	9.95E+01		9.95E+01	3.14	4.60	14.60					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T01-B	1	1.91E+03		1.91E+03	1.04	4.60	14.60					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T02-B	1	9.81E+02		9.81E+02	1.91	4.60	14.60					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T03-B	1	6.37E+02		6.37E+02	2.12	4.60	14.60	10000	1000	1.62E+03	98%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T04-B	1	4.82E+02		4.82E+02	2.45	4.60	14.60					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T05-B	1	3.91E+02		3.91E+02	3.63	4.60	14.60					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T06-B	1	2.43E+02		2.43E+02	1.93	4.60	14.60					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T07-B	1	1.69E+02		1.69E+02	5.79	4.60	14.60					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T08-B	1	1.07E+02		1.07E+02	3.34	4.60	14.60					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T09-B	1	9.47E+01		9.47E+01	2.17	4.60	14.60					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T01-C	1	1.88E+03		1.88E+03	1.18	4.60	14.60					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T02-C	1	8.51E+02		8.51E+02	1.76	4.60	14.60					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T03-C	1	5.82E+02		5.82E+02	1.25	4.60	14.60	10000	1000	1.63E+03	105%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T04-C	1	4.50E+02		4.50E+02	1.36	4.60	14.60					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T05-C	1	3.53E+02		3.53E+02	1.16	4.60	14.60					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T06-C	1	2.23E+02		2.23E+02	2.91	4.60	14.60					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T07-C	1	1.58E+02		1.58E+02	4.28	4.60	14.60					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T08-C	1	1.20E+02		1.20E+02	6.19	4.60	14.60					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-T09-C	1	8.46E+01		8.46E+01	1.85	4.60	14.60					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Tl	CFS-L11-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	5.38	4.60	14.60					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L11-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	13.18	2.00	6.40					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	2.71	2.00	6.40					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	5.24	2.00	6.40	10000	1000	1.04E+03	104%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	4.96	2.00	6.40					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	10.87	2.00	6.40					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	3.55	2.00	6.40					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	2.19	2.00	6.40					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	22.25	2.00	6.40					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	8.40	2.00	6.40					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	3.71	2.00	6.40					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	3.51	2.00	6.40					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	14.23	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	11.34	2.00	6.40					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	3.18	2.00	6.40					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	10.60	2.00	6.40					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	14.61	2.00	6.40					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	14.11	2.00	6.40					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	3.20	2.00	6.40					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	2.77	2.00	6.40					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	0.25	2.00	6.40					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	22.41	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	4.24	2.00	6.40					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	3.42	2.00	6.40					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	12.50	2.00	6.40					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	16.83	2.00	6.40					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	4.64	2.00	6.40					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	5.66	2.00	6.40					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Ti	CFS-L11-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	17.38	2.00	6.40					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L11-1314-T01-A	1	2.58E+01		2.58E+01	2.37	1.50	4.77					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T02-A	1	3.28E+01		3.28E+01	2.22	1.50	4.77					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T03-A	1	3.92E+01		3.92E+01	3.14	1.50	4.77	10000	1000	1.06E+03	102%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T04-A	1	3.70E+01		3.70E+01	1.30	1.50	4.77					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T05-A	1	3.85E+01		3.85E+01	1.10	1.50	4.77					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T06-A	1	3.95E+01		3.95E+01	2.06	1.50	4.77					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T07-A	1	3.96E+01		3.96E+01	1.73	1.50	4.77					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T08-A	1	3.85E+01		3.85E+01	2.17	1.50	4.77					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T09-A	1	3.94E+01		3.94E+01	0.74	1.50	4.77					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T01-B	1	2.41E+01		2.41E+01	3.25	1.50	4.77					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T02-B	1	3.42E+01		3.42E+01	2.43	1.50	4.77					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T03-B	1	3.98E+01		3.98E+01	2.13	1.50	4.77	10000	1000	1.04E+03	100%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T04-B	1	3.73E+01		3.73E+01	0.71	1.50	4.77					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T05-B	1	3.79E+01		3.79E+01	1.63	1.50	4.77					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T06-B	1	3.87E+01		3.87E+01	0.84	1.50	4.77					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T07-B	1	3.95E+01		3.95E+01	0.59	1.50	4.77					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T08-B	1	3.98E+01		3.98E+01	0.58	1.50	4.77					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T09-B	1	4.05E+01		4.05E+01	1.10	1.50	4.77					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T01-C	1	2.68E+01		2.68E+01	2.91	1.50	4.77					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T02-C	1	3.36E+01		3.36E+01	1.65	1.50	4.77					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T03-C	1	4.03E+01		4.03E+01	1.55	1.50	4.77	10000	1000	1.03E+03	99%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T04-C	1	3.65E+01		3.65E+01	1.35	1.50	4.77					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T05-C	1	3.93E+01		3.93E+01	1.02	1.50	4.77					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T06-C	1	3.92E+01		3.92E+01	1.52	1.50	4.77					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T07-C	1	3.89E+01		3.89E+01	1.70	1.50	4.77					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T08-C	1	3.88E+01		3.88E+01	1.01	1.50	4.77					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-T09-C	1	3.98E+01		3.98E+01	1.33	1.50	4.77					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
V	CFS-L11-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	8.31	1.50	4.77					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L11-1314-T01-A	1	5.81E+04		5.81E+04	1.17	1.00	3.18					VU ICP-OES	3/6/12 12:03 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T02-A	1	5.03E+04		5.03E+04	1.39	1.00	3.18					VU ICP-OES	3/6/12 12:04 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T03-A	1	4.31E+04		4.31E+04	0.90	1.00	3.18	10000	1000	4.41E+04	95%	VU ICP-OES	3/6/12 12:06 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T04-A	1	3.77E+04		3.77E+04	0.19	1.00	3.18					VU ICP-OES	3/6/12 12:08 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T05-A	1	3.87E+04		3.87E+04	0.72	1.00	3.18					VU ICP-OES	3/6/12 12:09 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T06-A	1	3.53E+04		3.53E+04	0.98	1.00	3.18					VU ICP-OES	3/6/12 12:11 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T07-A	1	3.14E+04		3.14E+04	0.97	1.00	3.18					VU ICP-OES	3/6/12 12:12 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T08-A	1	2.28E+04		2.28E+04	0.69	1.00	3.18					VU ICP-OES	3/6/12 12:14 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T09-A	1	1.91E+04		1.91E+04	0.32	1.00	3.18					VU ICP-OES	3/6/12 12:16 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T01-B	1	5.84E+04		5.84E+04	0.92	1.00	3.18					VU ICP-OES	3/6/12 12:22 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T02-B	1	5.13E+04		5.13E+04	1.17	1.00	3.18					VU ICP-OES	3/6/12 12:24 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T03-B	1	4.49E+04		4.49E+04	0.93	1.00	3.18	10000	1000	4.58E+04	90%	VU ICP-OES	3/6/12 12:26 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T04-B	1	3.84E+04		3.84E+04	0.22	1.00	3.18					VU ICP-OES	3/6/12 12:27 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T05-B	1	3.80E+04		3.80E+04	0.88	1.00	3.18					VU ICP-OES	3/6/12 12:29 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T06-B	1	3.37E+04		3.37E+04	0.72	1.00	3.18					VU ICP-OES	3/6/12 12:31 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T07-B	1	2.77E+04		2.77E+04	0.32	1.00	3.18					VU ICP-OES	3/6/12 12:32 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T08-B	1	2.31E+04		2.31E+04	0.75	1.00	3.18					VU ICP-OES	3/6/12 12:34 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T09-B	1	1.72E+04		1.72E+04	0.97	1.00	3.18					VU ICP-OES	3/6/12 12:35 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T01-C	1	5.50E+04		5.50E+04	1.23	1.00	3.18					VU ICP-OES	3/6/12 12:37 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T02-C	1	4.96E+04		4.96E+04	1.39	1.00	3.18					VU ICP-OES	3/6/12 12:39 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T03-C	1	4.32E+04		4.32E+04	1.75	1.00	3.18	10000	1000	4.42E+04	100%	VU ICP-OES	3/6/12 12:40 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T04-C	1	3.65E+04		3.65E+04	1.29	1.00	3.18					VU ICP-OES	3/6/12 12:42 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T05-C	1	3.62E+04		3.62E+04	1.09	1.00	3.18					VU ICP-OES	3/6/12 12:44 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T06-C	1	3.42E+04		3.42E+04	1.02	1.00	3.18					VU ICP-OES	3/6/12 12:45 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T07-C	1	2.36E+04		2.36E+04	1.65	1.00	3.18					VU ICP-OES	3/6/12 12:47 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T08-C	1	1.99E+04		1.99E+04	0.32	1.00	3.18					VU ICP-OES	3/6/12 12:49 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-T09-C	1	1.70E+04		1.70E+04	1.53	1.00	3.18					VU ICP-OES	3/6/12 12:50 PM	EPA Interlab L11 1314 CFS
Zn	CFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	10.40	1.00	3.18					VU ICP-OES	3/6/12 12:52 PM	EPA Interlab L11 1314 CFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L14-1314-T01-A	1	4.94E+01		4.94E+01	6.33	1.00	3.18					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T02-A	1	5.75E+01		5.75E+01	4.73	1.00	3.18					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T03-A	1	4.03E+01		4.03E+01	6.36	1.00	3.18	10000	1000	1.06E+03	102%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T04-A	1	3.73E+01		3.73E+01	7.47	1.00	3.18					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T05-A	1	6.87E+01		6.87E+01	2.46	1.00	3.18					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T06-A	1	4.20E+01		4.20E+01	0.85	1.00	3.18					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T07-A	1	3.83E+01		3.83E+01	4.46	1.00	3.18					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T08-A	1	4.03E+01		4.03E+01	4.78	1.00	3.18					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T09-A	1	3.97E+01		3.97E+01	2.74	1.00	3.18					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T01-B	1	4.77E+01		4.77E+01	5.77	1.00	3.18					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T02-B	1	4.62E+01		4.62E+01	2.10	1.00	3.18					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T03-B	1	3.94E+01		3.94E+01	6.53	1.00	3.18	10000	1000	1.01E+03	97%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T04-B	1	3.42E+01		3.42E+01	3.77	1.00	3.18					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T05-B	1	4.61E+01		4.61E+01	4.90	1.00	3.18					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T06-B	1	4.95E+01		4.95E+01	3.36	1.00	3.18					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T07-B	1	3.79E+01		3.79E+01	2.79	1.00	3.18					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T08-B	1	3.50E+01		3.50E+01	6.12	1.00	3.18					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T09-B	1	3.68E+01		3.68E+01	1.81	1.00	3.18					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T01-C	1	4.90E+01		4.90E+01	5.51	1.00	3.18					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T02-C	1	4.91E+01		4.91E+01	2.26	1.00	3.18					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T03-C	1	4.52E+01		4.52E+01	5.95	1.00	3.18	10000	1000	1.10E+03	105%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T04-C	1	6.88E+01		6.88E+01	3.77	1.00	3.18					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T05-C	1	7.52E+01		7.52E+01	2.54	1.00	3.18					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T06-C	1	5.44E+01		5.44E+01	0.60	1.00	3.18					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T07-C	1	3.81E+01		3.81E+01	4.59	1.00	3.18					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T08-C	1	3.99E+01		3.99E+01	3.56	1.00	3.18					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-T09-C	1	4.38E+01		4.38E+01	3.58	1.00	3.18					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Al	CFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	38.15	1.00	3.18					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L14-1314-T01-A	1	6.38E+01		6.38E+01	1.60	7.50	23.90					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T02-A	1	3.74E+01		3.74E+01	9.34	7.50	23.90					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T03-A	1	2.43E+01		2.43E+01	3.04	7.50	23.90	10000	1000	1.09E+03	106%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T04-A	1	2.75E+01		2.75E+01	1.66	7.50	23.90					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T05-A	1	2.38E+01	E	2.38E+01	9.43	7.50	23.90					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T06-A	1	2.83E+01		2.83E+01	11.43	7.50	23.90					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T07-A	1	2.73E+01		2.73E+01	2.13	7.50	23.90					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T08-A	1	1.93E+01	E	1.93E+01	18.87	7.50	23.90					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T09-A	1	2.14E+01	E	2.14E+01	7.12	7.50	23.90					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T01-B	1	7.00E+01		7.00E+01	1.04	7.50	23.90					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T02-B	1	4.79E+01		4.79E+01	1.11	7.50	23.90					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T03-B	1	2.75E+01		2.75E+01	1.43	7.50	23.90	10000	1000	1.08E+03	105%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T04-B	1	3.19E+01		3.19E+01	1.11	7.50	23.90					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T05-B	1	3.26E+01		3.26E+01	1.43	7.50	23.90					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T06-B	1	2.91E+01		2.91E+01	1.15	7.50	23.90					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T07-B	1	3.41E+01		3.41E+01	5.00	7.50	23.90					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T08-B	1	2.83E+01		2.83E+01	1.08	7.50	23.90					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T09-B	1	2.44E+01		2.44E+01	13.97	7.50	23.90					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T01-C	1	6.21E+01		6.21E+01	3.09	7.50	23.90					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T02-C	1	4.87E+01		4.87E+01	1.11	7.50	23.90					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T03-C	1	3.17E+01		3.17E+01	1.42	7.50	23.90	10000	1000	1.07E+03	104%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T04-C	1	3.08E+01		3.08E+01	2.69	7.50	23.90					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T05-C	1	3.26E+01		3.26E+01	1.29	7.50	23.90					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T06-C	1	2.29E+01	E	2.29E+01	21.13	7.50	23.90					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T07-C	1	2.68E+01		2.68E+01	3.52	7.50	23.90					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T08-C	1	2.92E+01		2.92E+01	1.09	7.50	23.90					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-T09-C	1	2.34E+01	E	2.34E+01	10.24	7.50	23.90					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Sb	CFS-L14-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	56.11	7.50	23.90					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L14-1314-T01-A	1	5.80E+01		5.80E+01	7.97	11.00	35.00					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T02-A	1	2.55E+01	E	2.55E+01	13.49	11.00	35.00					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T03-A	1	1.52E+01	E	1.52E+01	14.66	11.00	35.00	10000	1000	1.01E+03	99%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T04-A	1	5.50E+00	U1/2	5.50E+00	31.51	11.00	35.00					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T05-A	1	5.50E+00	U1/2	5.50E+00	4.86	11.00	35.00					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T06-A	1	5.50E+00	U1/2	5.50E+00	38.48	11.00	35.00					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T07-A	1	5.50E+00	U1/2	5.50E+00	42.80	11.00	35.00					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T08-A	1	5.50E+00	U1/2	5.50E+00	20.12	11.00	35.00					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T09-A	1	5.50E+00	U1/2	5.50E+00	40.52	11.00	35.00					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T01-B	1	5.90E+01		5.90E+01	5.91	11.00	35.00					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T02-B	1	3.05E+01	E	3.05E+01	15.49	11.00	35.00					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T03-B	1	1.71E+01	E	1.71E+01	29.67	11.00	35.00	10000	1000	1.01E+03	99%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T04-B	1	5.50E+00	U1/2	5.50E+00	27.88	11.00	35.00					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T05-B	1	5.50E+00	U1/2	5.50E+00	2.77	11.00	35.00					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T06-B	1	5.50E+00	U1/2	5.50E+00	27.63	11.00	35.00					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T07-B	1	5.50E+00	U1/2	5.50E+00	9.87	11.00	35.00					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T08-B	1	5.50E+00	U1/2	5.50E+00	43.30	11.00	35.00					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T09-B	1	5.50E+00	U1/2	5.50E+00	22.58	11.00	35.00					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T01-C	1	5.86E+01		5.86E+01	1.63	11.00	35.00					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T02-C	1	2.93E+01	E	2.93E+01	1.31	11.00	35.00					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T03-C	1	1.24E+01	E	1.24E+01	37.04	11.00	35.00	10000	1000	9.90E+02	98%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T04-C	1	1.31E+01	E	1.31E+01	16.76	11.00	35.00					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T05-C	1	5.50E+00	U1/2	5.50E+00	17.44	11.00	35.00					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T06-C	1	5.50E+00	U1/2	5.50E+00	36.23	11.00	35.00					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T07-C	1	5.50E+00	U1/2	5.50E+00	19.95	11.00	35.00					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T08-C	1	5.50E+00	U1/2	5.50E+00	5.56	11.00	35.00					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-T09-C	1	5.50E+00	U1/2	5.50E+00	12.61	11.00	35.00					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
As	CFS-L14-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	20.60	11.00	35.00					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L14-1314-T01-A	1	2.08E+03		2.08E+03	0.59	1.00	3.18					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T02-A	1	1.74E+03		1.74E+03	0.31	1.00	3.18					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T03-A	1	5.83E+02		5.83E+02	1.15	1.00	3.18	10000	1000	1.46E+03	87%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T04-A	1	2.58E+02		2.58E+02	2.42	1.00	3.18					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T05-A	1	2.02E+02		2.02E+02	1.62	1.00	3.18					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T06-A	1	1.16E+02		1.16E+02	1.92	1.00	3.18					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T07-A	1	7.64E+01		7.64E+01	3.30	1.00	3.18					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T08-A	1	5.71E+01		5.71E+01	2.71	1.00	3.18					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T09-A	1	4.95E+01		4.95E+01	6.14	1.00	3.18					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T01-B	1	2.09E+03		2.09E+03	1.17	1.00	3.18					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T02-B	1	1.96E+03		1.96E+03	0.65	1.00	3.18					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T03-B	1	6.03E+02		6.03E+02	0.49	1.00	3.18	10000	1000	1.49E+03	88%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T04-B	1	2.98E+02		2.98E+02	0.90	1.00	3.18					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T05-B	1	2.26E+02		2.26E+02	0.12	1.00	3.18					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T06-B	1	1.28E+02		1.28E+02	2.08	1.00	3.18					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T07-B	1	8.58E+01		8.58E+01	2.51	1.00	3.18					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T08-B	1	5.90E+01		5.90E+01	3.90	1.00	3.18					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T09-B	1	4.73E+01		4.73E+01	2.57	1.00	3.18					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T01-C	1	2.43E+03		2.43E+03	0.83	1.00	3.18					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T02-C	1	1.56E+03		1.56E+03	0.57	1.00	3.18					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T03-C	1	5.68E+02		5.68E+02	0.32	1.00	3.18	10000	1000	1.46E+03	89%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T04-C	1	2.72E+02		2.72E+02	0.48	1.00	3.18					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T05-C	1	2.09E+02		2.09E+02	0.21	1.00	3.18					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T06-C	1	1.17E+02		1.17E+02	2.13	1.00	3.18					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T07-C	1	7.76E+01		7.76E+01	1.27	1.00	3.18					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T08-C	1	5.53E+01		5.53E+01	1.12	1.00	3.18					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-T09-C	1	4.29E+01		4.29E+01	3.10	1.00	3.18					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
B	CFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	6.24	1.00	3.18					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L14-1314-T01-A	1	5.14E+01		5.14E+01	0.75	1.00	3.18					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T02-A	1	5.79E+01		5.79E+01	0.62	1.00	3.18					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T03-A	1	7.30E+01		7.30E+01	1.06	1.00	3.18	10000	1000	1.15E+03	107%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T04-A	1	8.37E+01		8.37E+01	1.38	1.00	3.18					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T05-A	1	8.61E+01		8.61E+01	1.27	1.00	3.18					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T06-A	1	8.98E+01		8.98E+01	1.17	1.00	3.18					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T07-A	1	9.56E+01		9.56E+01	2.57	1.00	3.18					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T08-A	1	1.03E+02		1.03E+02	0.91	1.00	3.18					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T09-A	1	1.07E+02		1.07E+02	0.71	1.00	3.18					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T01-B	1	5.16E+01		5.16E+01	0.34	1.00	3.18					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T02-B	1	6.00E+01		6.00E+01	0.60	1.00	3.18					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T03-B	1	7.67E+01		7.67E+01	0.61	1.00	3.18	10000	1000	1.13E+03	105%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T04-B	1	8.82E+01		8.82E+01	0.38	1.00	3.18					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T05-B	1	8.73E+01		8.73E+01	2.50	1.00	3.18					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T06-B	1	9.14E+01		9.14E+01	0.22	1.00	3.18					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T07-B	1	9.97E+01		9.97E+01	1.96	1.00	3.18					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T08-B	1	1.02E+02		1.02E+02	3.28	1.00	3.18					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T09-B	1	1.10E+02		1.10E+02	1.39	1.00	3.18					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T01-C	1	5.15E+01		5.15E+01	0.10	1.00	3.18					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T02-C	1	5.40E+01		5.40E+01	0.42	1.00	3.18					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T03-C	1	7.66E+01		7.66E+01	0.17	1.00	3.18	10000	1000	1.16E+03	108%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T04-C	1	9.61E+01		9.61E+01	1.53	1.00	3.18					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T05-C	1	9.76E+01		9.76E+01	1.06	1.00	3.18					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T06-C	1	9.61E+01		9.61E+01	2.14	1.00	3.18					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T07-C	1	1.03E+02		1.03E+02	1.68	1.00	3.18					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T08-C	1	1.11E+02		1.11E+02	1.51	1.00	3.18					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-T09-C	1	1.05E+02		1.05E+02	1.23	1.00	3.18					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Ba	CFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	28.87	1.00	3.18					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L14-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	10.11	1.90	6.00					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	25.87	1.90	6.00					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	16.84	1.90	6.00	10000	1000	1.08E+03	107%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	6.71	1.90	6.00					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	10.86	1.90	6.00					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	41.55	1.90	6.00					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	32.07	1.90	6.00					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	38.79	1.90	6.00					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	27.75	1.90	6.00					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	15.39	1.90	6.00					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	20.45	1.90	6.00					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	16.82	1.90	6.00	10000	1000	1.07E+03	107%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	10.70	1.90	6.00					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	25.55	1.90	6.00					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	16.64	1.90	6.00					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	31.47	1.90	6.00					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	44.35	1.90	6.00					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	36.69	1.90	6.00					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	6.12	1.90	6.00					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	18.11	1.90	6.00					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	8.64	1.90	6.00	10000	1000	1.06E+03	106%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	50.17	1.90	6.00					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	8.97	1.90	6.00					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	7.74	1.90	6.00					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	48.13	1.90	6.00					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	5.47	1.90	6.00					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	48.17	1.90	6.00					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Be	CFS-L14-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	17.84	1.90	6.00					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L14-1314-T01-A	1	1.64E+04		1.64E+04	0.80	2.20	7.00					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T02-A	1	8.60E+03		8.60E+03	0.43	2.20	7.00					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T03-A	1	7.51E+03		7.51E+03	0.88	2.20	7.00	10000	1000	8.53E+03	103%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T04-A	1	7.84E+03		7.84E+03	1.88	2.20	7.00					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T05-A	1	8.13E+03		8.13E+03	1.39	2.20	7.00					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T06-A	1	6.85E+03		6.85E+03	1.72	2.20	7.00					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T07-A	1	5.43E+03		5.43E+03	2.99	2.20	7.00					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T08-A	1	4.20E+03		4.20E+03	0.84	2.20	7.00					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T09-A	1	3.18E+03		3.18E+03	0.44	2.20	7.00					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T01-B	1	1.78E+04		1.78E+04	0.47	2.20	7.00					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T02-B	1	9.31E+03		9.31E+03	0.63	2.20	7.00					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T03-B	1	7.91E+03		7.91E+03	0.24	2.20	7.00	10000	1000	8.93E+03	102%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T04-B	1	8.52E+03		8.52E+03	1.31	2.20	7.00					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T05-B	1	8.34E+03		8.34E+03	0.66	2.20	7.00					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T06-B	1	7.24E+03		7.24E+03	0.31	2.20	7.00					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T07-B	1	5.96E+03		5.96E+03	1.72	2.20	7.00					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T08-B	1	4.51E+03		4.51E+03	2.82	2.20	7.00					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T09-B	1	3.62E+03		3.62E+03	1.79	2.20	7.00					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T01-C	1	1.55E+04		1.55E+04	1.48	2.20	7.00					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T02-C	1	9.11E+03		9.11E+03	0.05	2.20	7.00					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T03-C	1	7.53E+03		7.53E+03	0.53	2.20	7.00	10000	1000	8.50E+03	97%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T04-C	1	7.60E+03		7.60E+03	0.72	2.20	7.00					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T05-C	1	7.91E+03		7.91E+03	0.15	2.20	7.00					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T06-C	1	6.87E+03		6.87E+03	3.04	2.20	7.00					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T07-C	1	5.68E+03		5.68E+03	1.40	2.20	7.00					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T08-C	1	4.36E+03		4.36E+03	1.20	2.20	7.00					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-T09-C	1	3.42E+03		3.42E+03	1.22	2.20	7.00					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Cd	CFS-L14-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	23.19	2.20	7.00					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L14-1314-T01-A	1	4.92E+05		4.92E+05	0.72	2.60	8.30					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T02-A	1	5.04E+05		5.04E+05	0.58	2.60	8.30					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T03-A	1	5.64E+05		5.64E+05	0.98	2.60	8.30	10000	1000	5.65E+05	91%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T04-A	1	5.84E+05		5.84E+05	2.06	2.60	8.30					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T05-A	1	6.02E+05		6.02E+05	2.07	2.60	8.30					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T06-A	1	6.11E+05		6.11E+05	2.42	2.60	8.30					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T07-A	1	6.05E+05		6.05E+05	2.83	2.60	8.30					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T08-A	1	6.10E+05		6.10E+05	1.03	2.60	8.30					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T09-A	1	5.91E+05		5.91E+05	0.33	2.60	8.30					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T01-B	1	4.94E+05		4.94E+05	0.49	2.60	8.30					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T02-B	1	5.02E+05		5.02E+05	0.39	2.60	8.30					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T03-B	1	5.74E+05		5.74E+05	0.92	2.60	8.30	10000	1000	5.75E+05	89%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T04-B	1	6.10E+05		6.10E+05	0.09	2.60	8.30					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T05-B	1	6.02E+05		6.02E+05	0.73	2.60	8.30					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T06-B	1	6.07E+05		6.07E+05	0.53	2.60	8.30					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T07-B	1	6.13E+05		6.13E+05	1.93	2.60	8.30					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T08-B	1	6.02E+05		6.02E+05	2.70	2.60	8.30					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T09-B	1	6.04E+05		6.04E+05	1.55	2.60	8.30					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T01-C	1	4.76E+05		4.76E+05	0.16	2.60	8.30					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T02-C	1	5.12E+05		5.12E+05	0.08	2.60	8.30					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T03-C	1	5.66E+05		5.66E+05	0.70	2.60	8.30	10000	1000	5.67E+05	91%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T04-C	1	5.95E+05		5.95E+05	0.55	2.60	8.30					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T05-C	1	6.04E+05		6.04E+05	0.38	2.60	8.30					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T06-C	1	6.03E+05		6.03E+05	2.62	2.60	8.30					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T07-C	1	6.05E+05		6.05E+05	1.37	2.60	8.30					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T08-C	1	6.17E+05		6.17E+05	1.15	2.60	8.30					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-T09-C	1	6.13E+05		6.13E+05	0.68	2.60	8.30					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Ca	CFS-L14-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	15.66	2.60	8.30					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L14-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	36.20	1.20	3.82					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	44.87	1.20	3.82					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	45.28	1.20	3.82	10000	1000	9.49E+02	95%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	80.65	1.20	3.82					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	21.78	1.20	3.82					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	44.72	1.20	3.82					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	32.69	1.20	3.82					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	22.36	1.20	3.82					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	32.15	1.20	3.82					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	36.29	1.20	3.82					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	35.08	1.20	3.82					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	38.06	1.20	3.82	10000	1000	9.49E+02	95%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	40.55	1.20	3.82					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	17.15	1.20	3.82					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	103.89	1.20	3.82					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	16.58	1.20	3.82					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	59.16	1.20	3.82					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	28.26	1.20	3.82					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	40.81	1.20	3.82					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	48.03	1.20	3.82					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	19.11	1.20	3.82	10000	1000	9.40E+02	94%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	43.94	1.20	3.82					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	66.51	1.20	3.82					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	98.30	1.20	3.82					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	56.94	1.20	3.82					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	61.74	1.20	3.82					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	42.77	1.20	3.82					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Cr	CFS-L14-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	24.54	1.20	3.82					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L14-1314-T01-A	1	6.02E+02		6.02E+02	0.98	1.80	5.72					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T02-A	1	3.30E+02		3.30E+02	0.88	1.80	5.72					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T03-A	1	2.55E+02		2.55E+02	1.27	1.80	5.72	10000	1000	1.32E+03	107%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T04-A	1	2.60E+02		2.60E+02	1.95	1.80	5.72					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T05-A	1	2.58E+02		2.58E+02	2.26	1.80	5.72					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T06-A	1	1.34E+02		1.34E+02	1.97	1.80	5.72					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T07-A	1	6.46E+01		6.46E+01	4.03	1.80	5.72					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T08-A	1	4.10E+01		4.10E+01	1.72	1.80	5.72					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T09-A	1	2.84E+01		2.84E+01	2.21	1.80	5.72					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T01-B	1	6.56E+02		6.56E+02	1.31	1.80	5.72					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T02-B	1	3.54E+02		3.54E+02	0.97	1.80	5.72					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T03-B	1	2.74E+02		2.74E+02	0.89	1.80	5.72	10000	1000	1.37E+03	110%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T04-B	1	2.82E+02		2.82E+02	0.87	1.80	5.72					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T05-B	1	2.77E+02		2.77E+02	1.08	1.80	5.72					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T06-B	1	1.61E+02		1.61E+02	0.67	1.80	5.72					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T07-B	1	7.87E+01		7.87E+01	1.46	1.80	5.72					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T08-B	1	4.69E+01		4.69E+01	2.69	1.80	5.72					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T09-B	1	3.29E+01		3.29E+01	1.47	1.80	5.72					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T01-C	1	6.15E+02		6.15E+02	1.54	1.80	5.72					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T02-C	1	3.43E+02		3.43E+02	0.76	1.80	5.72					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T03-C	1	2.55E+02		2.55E+02	0.45	1.80	5.72	10000	1000	1.34E+03	109%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T04-C	1	2.51E+02		2.51E+02	0.55	1.80	5.72					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T05-C	1	2.57E+02		2.57E+02	0.50	1.80	5.72					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T06-C	1	1.50E+02		1.50E+02	2.05	1.80	5.72					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T07-C	1	7.26E+01		7.26E+01	1.18	1.80	5.72					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T08-C	1	4.29E+01		4.29E+01	1.21	1.80	5.72					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-T09-C	1	2.88E+01		2.88E+01	4.68	1.80	5.72					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Co	CFS-L14-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	15.56	1.80	5.72					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L14-1314-T01-A	1	2.81E+03		2.81E+03	0.92	3.70	11.80					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T02-A	1	1.86E+03		1.86E+03	1.50	3.70	11.80					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T03-A	1	1.55E+03		1.55E+03	2.29	3.70	11.80	10000	1000	2.59E+03	104%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T04-A	1	1.60E+03		1.60E+03	1.29	3.70	11.80					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T05-A	1	1.59E+03		1.59E+03	1.48	3.70	11.80					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T06-A	1	1.36E+03		1.36E+03	2.01	3.70	11.80					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T07-A	1	1.08E+03		1.08E+03	2.90	3.70	11.80					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T08-A	1	8.67E+02		8.67E+02	1.12	3.70	11.80					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T09-A	1	7.88E+02		7.88E+02	1.62	3.70	11.80					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T01-B	1	3.60E+03		3.60E+03	1.98	3.70	11.80					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T02-B	1	2.10E+03		2.10E+03	0.57	3.70	11.80					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T03-B	1	1.70E+03		1.70E+03	1.23	3.70	11.80	10000	1000	2.71E+03	101%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T04-B	1	1.36E+03		1.36E+03	2.20	3.70	11.80					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T05-B	1	1.75E+03		1.75E+03	1.03	3.70	11.80					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T06-B	1	1.44E+03		1.44E+03	0.66	3.70	11.80					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T07-B	1	1.20E+03		1.20E+03	1.19	3.70	11.80					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T08-B	1	9.55E+02		9.55E+02	2.18	3.70	11.80					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T09-B	1	7.81E+02		7.81E+02	1.57	3.70	11.80					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T01-C	1	2.46E+03		2.46E+03	0.59	3.70	11.80					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T02-C	1	1.89E+03		1.89E+03	0.27	3.70	11.80					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T03-C	1	1.61E+03		1.61E+03	0.87	3.70	11.80	10000	1000	2.57E+03	96%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T04-C	1	1.59E+03		1.59E+03	0.32	3.70	11.80					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T05-C	1	1.59E+03		1.59E+03	1.74	3.70	11.80					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T06-C	1	1.30E+03		1.30E+03	2.43	3.70	11.80					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T07-C	1	1.13E+03		1.13E+03	1.68	3.70	11.80					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T08-C	1	9.13E+02		9.13E+02	1.73	3.70	11.80					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-T09-C	1	7.27E+02		7.27E+02	0.52	3.70	11.80					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Cu	CFS-L14-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	43.45	3.70	11.80					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L14-1314-T01-A	1	3.44E+00	E	3.44E+00	5.24	2.00	6.40					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	1.63	2.00	6.40					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	8.08	2.00	6.40	10000	1000	9.27E+02	93%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	2.93	2.00	6.40					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	2.34	2.00	6.40					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	8.60	2.00	6.40					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	3.84	2.00	6.40					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	3.85	2.00	6.40					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	2.52	2.00	6.40					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	3.28	2.00	6.40					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T02-B	1	8.11E+00		8.11E+00	2.08	2.00	6.40					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	8.40	2.00	6.40	10000	1000	9.24E+02	92%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	6.46	2.00	6.40					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	4.13	2.00	6.40					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	5.37	2.00	6.40					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	1.22	2.00	6.40					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	2.67	2.00	6.40					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	11.60	2.00	6.40					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	3.18	2.00	6.40					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	5.75	2.00	6.40					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	1.67	2.00	6.40	10000	1000	9.20E+02	92%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	1.93	2.00	6.40					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	6.08	2.00	6.40					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	2.99	2.00	6.40					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	1.90	2.00	6.40					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	7.62	2.00	6.40					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	1.18	2.00	6.40					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Fe	CFS-L14-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	1.31	2.00	6.40					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L14-1314-T01-A	1	9.45E+02		9.45E+02	0.93	6.80	21.60					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T02-A	1	8.83E+02		8.83E+02	0.56	6.80	21.60					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T03-A	1	9.97E+02		9.97E+02	1.74	6.80	21.60	10000	1000	1.98E+03	98%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T04-A	1	1.08E+03		1.08E+03	1.88	6.80	21.60					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T05-A	1	1.14E+03		1.14E+03	2.10	6.80	21.60					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T06-A	1	1.07E+03		1.07E+03	1.97	6.80	21.60					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T07-A	1	9.84E+02		9.84E+02	3.31	6.80	21.60					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T08-A	1	9.44E+02		9.44E+02	0.59	6.80	21.60					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T09-A	1	9.30E+02		9.30E+02	1.32	6.80	21.60					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T01-B	1	9.40E+02		9.40E+02	0.47	6.80	21.60					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T02-B	1	8.78E+02		8.78E+02	0.93	6.80	21.60					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T03-B	1	1.07E+03		1.07E+03	0.29	6.80	21.60	10000	1000	2.05E+03	98%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T04-B	1	7.49E+02		7.49E+02	1.23	6.80	21.60					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T05-B	1	1.19E+03		1.19E+03	0.71	6.80	21.60					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T06-B	1	1.11E+03		1.11E+03	0.35	6.80	21.60					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T07-B	1	1.05E+03		1.05E+03	1.58	6.80	21.60					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T08-B	1	9.95E+02		9.95E+02	2.72	6.80	21.60					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T09-B	1	9.43E+02		9.43E+02	1.39	6.80	21.60					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T01-C	1	9.38E+02		9.38E+02	1.30	6.80	21.60					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T02-C	1	8.69E+02		8.69E+02	0.87	6.80	21.60					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T03-C	1	9.64E+02		9.64E+02	0.53	6.80	21.60	10000	1000	1.88E+03	92%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T04-C	1	1.05E+03		1.05E+03	0.68	6.80	21.60					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T05-C	1	1.13E+03		1.13E+03	0.71	6.80	21.60					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T06-C	1	1.05E+03		1.05E+03	3.05	6.80	21.60					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T07-C	1	1.03E+03		1.03E+03	1.27	6.80	21.60					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T08-C	1	9.90E+02		9.90E+02	0.71	6.80	21.60					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-T09-C	1	9.29E+02		9.29E+02	0.56	6.80	21.60					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Pb	CFS-L14-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	38.66	6.80	21.60					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L14-1314-T01-A	1	4.04E+01		4.04E+01	1.83	1.90	6.00					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T02-A	1	7.17E+00		7.17E+00	4.77	1.90	6.00					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T03-A	1	1.20E+01		1.20E+01	2.20	1.90	6.00	10000	1000	1.04E+03	103%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T04-A	1	1.24E+01		1.24E+01	1.31	1.90	6.00					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T05-A	1	1.08E+01		1.08E+01	16.51	1.90	6.00					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T06-A	1	1.14E+01		1.14E+01	1.60	1.90	6.00					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T07-A	1	1.41E+01		1.41E+01	2.15	1.90	6.00					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T08-A	1	1.08E+01		1.08E+01	3.47	1.90	6.00					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T09-A	1	1.15E+01		1.15E+01	8.07	1.90	6.00					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T01-B	1	4.12E+01		4.12E+01	4.88	1.90	6.00					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T02-B	1	9.38E+00		9.38E+00	2.49	1.90	6.00					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T03-B	1	1.09E+01		1.09E+01	1.28	1.90	6.00	10000	1000	1.02E+03	101%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T04-B	1	1.02E+01		1.02E+01	1.25	1.90	6.00					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T05-B	1	1.03E+01		1.03E+01	14.05	1.90	6.00					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T06-B	1	1.09E+01		1.09E+01	1.84	1.90	6.00					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T07-B	1	1.13E+01		1.13E+01	6.00	1.90	6.00					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T08-B	1	1.33E+01		1.33E+01	2.72	1.90	6.00					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T09-B	1	1.18E+01		1.18E+01	1.81	1.90	6.00					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T01-C	1	4.28E+01		4.28E+01	1.27	1.90	6.00					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T02-C	1	6.33E+00		6.33E+00	2.25	1.90	6.00					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T03-C	1	1.17E+01		1.17E+01	2.81	1.90	6.00	10000	1000	1.02E+03	100%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T04-C	1	1.18E+01		1.18E+01	1.98	1.90	6.00					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T05-C	1	1.07E+01		1.07E+01	1.16	1.90	6.00					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T06-C	1	1.11E+01		1.11E+01	1.87	1.90	6.00					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T07-C	1	1.08E+01		1.08E+01	1.95	1.90	6.00					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T08-C	1	9.84E+00		9.84E+00	1.67	1.90	6.00					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-T09-C	1	1.60E+01		1.60E+01	2.05	1.90	6.00					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Li	CFS-L14-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	31.57	1.90	6.00					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L14-1314-T01-A	1	1.75E+04		1.75E+04	0.76	2.00	6.40					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T02-A	1	9.44E+03		9.44E+03	0.66	2.00	6.40					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T03-A	1	5.95E+03		5.95E+03	1.57	2.00	6.40	10000	1000	6.90E+03	95%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T04-A	1	4.26E+03		4.26E+03	1.93	2.00	6.40					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T05-A	1	2.58E+03		2.58E+03	2.27	2.00	6.40					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T06-A	1	9.44E+02		9.44E+02	0.49	2.00	6.40					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T07-A	1	5.35E+02		5.35E+02	1.79	2.00	6.40					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T08-A	1	3.87E+02		3.87E+02	2.18	2.00	6.40					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T09-A	1	3.07E+02		3.07E+02	0.62	2.00	6.40					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T01-B	1	1.85E+04		1.85E+04	1.49	2.00	6.40					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T02-B	1	1.00E+04		1.00E+04	0.34	2.00	6.40					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T03-B	1	6.23E+03		6.23E+03	0.61	2.00	6.40	10000	1000	7.16E+03	93%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T04-B	1	5.16E+03		5.16E+03	0.78	2.00	6.40					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T05-B	1	3.38E+03		3.38E+03	0.53	2.00	6.40					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T06-B	1	1.10E+03		1.10E+03	1.00	2.00	6.40					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T07-B	1	6.43E+02		6.43E+02	0.50	2.00	6.40					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T08-B	1	4.62E+02		4.62E+02	1.22	2.00	6.40					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T09-B	1	3.66E+02		3.66E+02	0.63	2.00	6.40					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T01-C	1	1.81E+04		1.81E+04	0.83	2.00	6.40					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T02-C	1	9.35E+03		9.35E+03	0.88	2.00	6.40					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T03-C	1	5.82E+03		5.82E+03	0.91	2.00	6.40	10000	1000	6.82E+03	99%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T04-C	1	4.54E+03		4.54E+03	0.55	2.00	6.40					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T05-C	1	3.10E+03		3.10E+03	0.86	2.00	6.40					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T06-C	1	1.04E+03		1.04E+03	1.61	2.00	6.40					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T07-C	1	5.40E+02		5.40E+02	1.00	2.00	6.40					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T08-C	1	3.68E+02		3.68E+02	0.10	2.00	6.40					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-T09-C	1	2.91E+02		2.91E+02	1.11	2.00	6.40					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Mn	CFS-L14-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	18.46	2.00	6.40					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L14-1314-T01-A	1	1.96E+06		1.96E+06	0.64	1.00	3.18					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T02-A	1	6.91E+05		6.91E+05	0.78	1.00	3.18					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T03-A	1	1.22E+05		1.22E+05	1.17	1.00	3.18	10000	1000	1.23E+05	93%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T04-A	1	2.80E+04		2.80E+04	0.79	1.00	3.18					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T05-A	1	2.16E+04		2.16E+04	0.95	1.00	3.18					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T06-A	1	1.36E+04		1.36E+04	2.27	1.00	3.18					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T07-A	1	8.54E+03		8.54E+03	3.31	1.00	3.18					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T08-A	1	5.19E+03		5.19E+03	1.24	1.00	3.18					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T09-A	1	3.46E+03		3.46E+03	1.58	1.00	3.18					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T01-B	1	2.02E+06		2.02E+06	1.87	1.00	3.18					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T02-B	1	7.57E+05		7.57E+05	0.67	1.00	3.18					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T03-B	1	1.23E+05		1.23E+05	0.57	1.00	3.18	10000	1000	1.24E+05	91%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T04-B	1	3.48E+04		3.48E+04	2.05	1.00	3.18					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T05-B	1	2.40E+04		2.40E+04	0.46	1.00	3.18					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T06-B	1	1.56E+04		1.56E+04	0.81	1.00	3.18					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T07-B	1	9.92E+03		9.92E+03	2.45	1.00	3.18					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T08-B	1	5.72E+03		5.72E+03	3.24	1.00	3.18					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T09-B	1	3.82E+03		3.82E+03	1.90	1.00	3.18					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T01-C	1	1.90E+06		1.90E+06	1.13	1.00	3.18					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T02-C	1	6.46E+05		6.46E+05	0.58	1.00	3.18					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T03-C	1	1.26E+05		1.26E+05	0.46	1.00	3.18	10000	1000	1.27E+05	93%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T04-C	1	3.15E+04		3.15E+04	1.06	1.00	3.18					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T05-C	1	2.28E+04		2.28E+04	0.74	1.00	3.18					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T06-C	1	1.51E+04		1.51E+04	2.03	1.00	3.18					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T07-C	1	9.01E+03		9.01E+03	1.77	1.00	3.18					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T08-C	1	5.27E+03		5.27E+03	0.95	1.00	3.18					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-T09-C	1	3.43E+03		3.43E+03	1.28	1.00	3.18					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Mg	CFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	39.51	1.00	3.18					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L14-1314-T01-A	1	2.56E+01		2.56E+01	7.89	1.20	3.82					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T02-A	1	1.40E+01		1.40E+01	4.53	1.20	3.82					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T03-A	1	7.74E+00		7.74E+00	1.83	1.20	3.82	10000	1000	1.05E+03	104%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T04-A	1	6.35E+00		6.35E+00	6.92	1.20	3.82					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T05-A	1	5.56E+00		5.56E+00	1.68	1.20	3.82					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T06-A	1	6.26E+00		6.26E+00	3.28	1.20	3.82					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T07-A	1	6.02E+00		6.02E+00	1.62	1.20	3.82					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T08-A	1	6.04E+00		6.04E+00	6.23	1.20	3.82					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T09-A	1	6.14E+00		6.14E+00	7.46	1.20	3.82					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T01-B	1	2.84E+01		2.84E+01	2.84	1.20	3.82					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T02-B	1	1.50E+01		1.50E+01	8.04	1.20	3.82					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T03-B	1	8.02E+00		8.02E+00	2.15	1.20	3.82	10000	1000	1.08E+03	107%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T04-B	1	9.95E+00		9.95E+00	1.85	1.20	3.82					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T05-B	1	6.26E+00		6.26E+00	2.46	1.20	3.82					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T06-B	1	5.48E+00		5.48E+00	2.67	1.20	3.82					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T07-B	1	7.31E+00		7.31E+00	9.95	1.20	3.82					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T08-B	1	7.43E+00		7.43E+00	4.88	1.20	3.82					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T09-B	1	7.20E+00		7.20E+00	5.50	1.20	3.82					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T01-C	1	2.60E+01		2.60E+01	9.86	1.20	3.82					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T02-C	1	1.42E+01		1.42E+01	5.62	1.20	3.82					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T03-C	1	7.87E+00		7.87E+00	10.69	1.20	3.82	10000	1000	1.10E+03	109%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T04-C	1	6.89E+00		6.89E+00	2.99	1.20	3.82					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T05-C	1	5.84E+00		5.84E+00	1.87	1.20	3.82					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T06-C	1	6.50E+00		6.50E+00	1.45	1.20	3.82					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T07-C	1	6.12E+00		6.12E+00	1.85	1.20	3.82					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T08-C	1	6.12E+00		6.12E+00	4.25	1.20	3.82					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-T09-C	1	6.70E+00		6.70E+00	6.51	1.20	3.82					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Mo	CFS-L14-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	40.24	1.20	3.82					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L14-1314-T01-A	1	8.66E+02		8.66E+02	0.51	1.80	5.70					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T02-A	1	4.58E+02		4.58E+02	1.40	1.80	5.70					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T03-A	1	3.66E+02		3.66E+02	1.18	1.80	5.70	10000	1000	1.32E+03	96%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T04-A	1	3.77E+02		3.77E+02	1.58	1.80	5.70					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T05-A	1	3.91E+02		3.91E+02	1.46	1.80	5.70					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T06-A	1	2.65E+02		2.65E+02	1.97	1.80	5.70					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T07-A	1	1.60E+02		1.60E+02	0.91	1.80	5.70					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T08-A	1	1.05E+02		1.05E+02	1.91	1.80	5.70					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T09-A	1	7.24E+01		7.24E+01	1.28	1.80	5.70					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T01-B	1	9.51E+02		9.51E+02	0.77	1.80	5.70					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T02-B	1	4.97E+02		4.97E+02	0.84	1.80	5.70					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T03-B	1	3.92E+02		3.92E+02	0.80	1.80	5.70	10000	1000	1.39E+03	100%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T04-B	1	4.16E+02		4.16E+02	1.01	1.80	5.70					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T05-B	1	4.13E+02		4.13E+02	1.05	1.80	5.70					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T06-B	1	3.02E+02		3.02E+02	0.32	1.80	5.70					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T07-B	1	1.88E+02		1.88E+02	2.50	1.80	5.70					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T08-B	1	1.16E+02		1.16E+02	2.89	1.80	5.70					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T09-B	1	8.31E+01		8.31E+01	1.66	1.80	5.70					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T01-C	1	8.51E+02		8.51E+02	0.90	1.80	5.70					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T02-C	1	4.84E+02		4.84E+02	0.04	1.80	5.70					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T03-C	1	3.70E+02		3.70E+02	0.39	1.80	5.70	10000	1000	1.33E+03	96%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T04-C	1	3.68E+02		3.68E+02	1.08	1.80	5.70					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T05-C	1	3.84E+02		3.84E+02	0.18	1.80	5.70					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T06-C	1	2.78E+02		2.78E+02	3.12	1.80	5.70					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T07-C	1	1.75E+02		1.75E+02	1.24	1.80	5.70					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T08-C	1	1.11E+02		1.11E+02	1.48	1.80	5.70					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-T09-C	1	7.44E+01		7.44E+01	2.76	1.80	5.70					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Ni	CFS-L14-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	49.08	1.80	5.70					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L14-1314-T01-A	1	3.88E+01		3.88E+01	7.25	3.70	11.80					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T02-A	1	1.55E+01		1.55E+01	1.76	3.70	11.80					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T03-A	1	1.85E+00	U1/2	1.85E+00	31.11	3.70	11.80	10000	1000	1.01E+03	101%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T04-A	1	1.85E+00	U1/2	1.85E+00	49.21	3.70	11.80					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T05-A	1	1.85E+00	U1/2	1.85E+00	10.79	3.70	11.80					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T06-A	1	1.21E+01		1.21E+01	9.07	3.70	11.80					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T07-A	1	1.85E+00	U1/2	1.85E+00	14.05	3.70	11.80					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T08-A	1	1.85E+00	U1/2	1.85E+00	45.27	3.70	11.80					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T09-A	1	1.85E+00	U1/2	1.85E+00	3.28	3.70	11.80					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T01-B	1	4.25E+01		4.25E+01	2.29	3.70	11.80					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T02-B	1	1.14E+01	E	1.14E+01	13.26	3.70	11.80					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T03-B	1	8.73E+00	E	8.73E+00	4.72	3.70	11.80	10000	1000	9.87E+02	98%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T04-B	1	1.85E+00	U1/2	1.85E+00	47.47	3.70	11.80					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T05-B	1	1.85E+00	U1/2	1.85E+00	63.95	3.70	11.80					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T06-B	1	5.83E+00	E	5.83E+00	11.89	3.70	11.80					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T07-B	1	8.99E+00	E	8.99E+00	12.91	3.70	11.80					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T08-B	1	6.57E+00	E	6.57E+00	19.19	3.70	11.80					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T09-B	1	1.85E+00	U1/2	1.85E+00	10.63	3.70	11.80					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T01-C	1	3.53E+01		3.53E+01	12.56	3.70	11.80					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T02-C	1	1.90E+01		1.90E+01	7.57	3.70	11.80					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T03-C	1	4.53E+00	E	4.53E+00	7.53	3.70	11.80	10000	1000	1.00E+03	100%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T04-C	1	6.44E+00	E	6.44E+00	13.70	3.70	11.80					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T05-C	1	8.42E+00	E	8.42E+00	6.35	3.70	11.80					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T06-C	1	1.85E+00	U1/2	1.85E+00	20.80	3.70	11.80					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T07-C	1	5.24E+00	E	5.24E+00	11.32	3.70	11.80					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T08-C	1	1.85E+00	U1/2	1.85E+00	52.37	3.70	11.80					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-T09-C	1	1.85E+00	U1/2	1.85E+00	35.97	3.70	11.80					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
P	CFS-L14-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	22.56	3.70	11.80					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L14-1314-T01-A	1	1.11E+05		1.11E+05	0.38	1.60	5.09					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T02-A	1	5.51E+04		5.51E+04	0.42	1.60	5.09					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T03-A	1	2.65E+04		2.65E+04	0.86	1.60	5.09	10000	1000	2.73E+04	87%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T04-A	1	1.80E+04		1.80E+04	2.03	1.60	5.09					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T05-A	1	1.28E+04		1.28E+04	1.68	1.60	5.09					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T06-A	1	6.17E+03		6.17E+03	1.77	1.60	5.09					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T07-A	1	3.56E+03		3.56E+03	2.55	1.60	5.09					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T08-A	1	2.37E+03		2.37E+03	1.02	1.60	5.09					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T09-A	1	1.87E+03		1.87E+03	0.36	1.60	5.09					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T01-B	1	1.09E+05		1.09E+05	0.79	1.60	5.09					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T02-B	1	5.88E+04		5.88E+04	0.35	1.60	5.09					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T03-B	1	2.78E+04		2.78E+04	0.56	1.60	5.09	10000	1000	2.86E+04	85%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T04-B	1	2.12E+04		2.12E+04	1.14	1.60	5.09					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T05-B	1	1.50E+04		1.50E+04	0.93	1.60	5.09					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T06-B	1	7.05E+03		7.05E+03	0.51	1.60	5.09					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T07-B	1	4.05E+03		4.05E+03	1.45	1.60	5.09					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T08-B	1	2.59E+03		2.59E+03	2.90	1.60	5.09					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T09-B	1	1.86E+03		1.86E+03	1.80	1.60	5.09					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T01-C	1	1.19E+05		1.19E+05	0.58	1.60	5.09					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T02-C	1	5.32E+04		5.32E+04	0.37	1.60	5.09					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T03-C	1	2.57E+04		2.57E+04	0.71	1.60	5.09	10000	1000	2.66E+04	90%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T04-C	1	1.76E+04		1.76E+04	0.56	1.60	5.09					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T05-C	1	1.30E+04		1.30E+04	0.45	1.60	5.09					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T06-C	1	6.36E+03		6.36E+03	3.08	1.60	5.09					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T07-C	1	3.81E+03		3.81E+03	1.34	1.60	5.09					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T08-C	1	2.38E+03		2.38E+03	1.31	1.60	5.09					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-T09-C	1	1.73E+03		1.73E+03	1.43	1.60	5.09					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
K	CFS-L14-1314-B01-A	1	3.19E+01		3.19E+01	9.15	1.60	5.09					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L14-1314-T01-A	1	1.88E+03		1.88E+03	1.30	15.00	47.70					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T02-A	1	5.07E+02		5.07E+02	1.10	15.00	47.70					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T03-A	1	8.42E+01		8.42E+01	7.35	15.00	47.70	10000	1000	1.09E+03	101%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T04-A	1	2.88E+01	E	2.88E+01	15.51	15.00	47.70					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T05-A	1	3.11E+01	E	3.11E+01	10.54	15.00	47.70					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T06-A	1	2.16E+01	E	2.16E+01	25.05	15.00	47.70					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T07-A	1	7.50E+00	U1/2	7.50E+00	24.63	15.00	47.70					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	20.97	15.00	47.70					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	33.30	15.00	47.70					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T01-B	1	1.98E+03		1.98E+03	0.54	15.00	47.70					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T02-B	1	5.63E+02		5.63E+02	3.52	15.00	47.70					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T03-B	1	8.24E+01		8.24E+01	2.78	15.00	47.70	10000	1000	1.03E+03	94%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T04-B	1	3.48E+01	E	3.48E+01	13.94	15.00	47.70					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T05-B	1	1.81E+01	E	1.81E+01	36.49	15.00	47.70					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T06-B	1	2.59E+01	E	2.59E+01	3.09	15.00	47.70					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T07-B	1	7.50E+00	U1/2	7.50E+00	26.11	15.00	47.70					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	13.50	15.00	47.70					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	11.34	15.00	47.70					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T01-C	1	1.77E+03		1.77E+03	0.75	15.00	47.70					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T02-C	1	4.70E+02		4.70E+02	1.57	15.00	47.70					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T03-C	1	1.02E+02		1.02E+02	9.57	15.00	47.70	10000	1000	1.06E+03	96%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T04-C	1	3.27E+01	E	3.27E+01	8.44	15.00	47.70					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T05-C	1	3.49E+01	E	3.49E+01	10.72	15.00	47.70					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T06-C	1	1.63E+01	E	1.63E+01	24.02	15.00	47.70					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T07-C	1	7.50E+00	U1/2	7.50E+00	33.36	15.00	47.70					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	21.25	15.00	47.70					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	42.85	15.00	47.70					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Se	CFS-L14-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	10.72	15.00	47.70					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L14-1314-T01-A	1	8.54E+03		8.54E+03	0.51	1.10	3.50					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T02-A	1	6.65E+03		6.65E+03	0.53	1.10	3.50					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T03-A	1	6.44E+03		6.44E+03	1.80	1.10	3.50	10000	1000	7.41E+03	97%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T04-A	1	6.32E+03		6.32E+03	1.56	1.10	3.50					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T05-A	1	6.33E+03		6.33E+03	2.46	1.10	3.50					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T06-A	1	5.77E+03		5.77E+03	2.64	1.10	3.50					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T07-A	1	5.20E+03		5.20E+03	2.90	1.10	3.50					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T08-A	1	4.72E+03		4.72E+03	1.38	1.10	3.50					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T09-A	1	4.26E+03		4.26E+03	0.30	1.10	3.50					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T01-B	1	9.00E+03		9.00E+03	0.92	1.10	3.50					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T02-B	1	7.07E+03		7.07E+03	0.35	1.10	3.50					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T03-B	1	6.86E+03		6.86E+03	1.24	1.10	3.50	10000	1000	7.82E+03	97%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T04-B	1	6.97E+03		6.97E+03	1.87	1.10	3.50					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T05-B	1	6.77E+03		6.77E+03	0.93	1.10	3.50					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T06-B	1	6.01E+03		6.01E+03	0.41	1.10	3.50					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T07-B	1	5.63E+03		5.63E+03	1.41	1.10	3.50					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T08-B	1	5.04E+03		5.04E+03	1.97	1.10	3.50					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T09-B	1	4.63E+03		4.63E+03	2.28	1.10	3.50					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T01-C	1	8.69E+03		8.69E+03	0.72	1.10	3.50					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T02-C	1	7.20E+03		7.20E+03	0.16	1.10	3.50					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T03-C	1	6.62E+03		6.62E+03	0.88	1.10	3.50	10000	1000	7.67E+03	105%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T04-C	1	6.50E+03		6.50E+03	0.47	1.10	3.50					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T05-C	1	6.50E+03		6.50E+03	0.92	1.10	3.50					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T06-C	1	5.83E+03		5.83E+03	3.85	1.10	3.50					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T07-C	1	5.35E+03		5.35E+03	1.41	1.10	3.50					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T08-C	1	4.90E+03		4.90E+03	0.60	1.10	3.50					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-T09-C	1	4.45E+03		4.45E+03	0.40	1.10	3.50					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Si	CFS-L14-1314-B01-A	1	1.18E+00	E	1.18E+00	7.83	1.10	3.50					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L14-1314-T01-A	1	2.93E+05		2.93E+05	0.58	2.50	8.00					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T02-A	1	1.12E+05		1.12E+05	0.39	2.50	8.00					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T03-A	1	1.06E+04		1.06E+04	0.74	2.50	8.00	10000	1000	1.15E+04	89%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T04-A	1	3.98E+03		3.98E+03	0.78	2.50	8.00					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T05-A	1	3.34E+03		3.34E+03	0.78	2.50	8.00					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T06-A	1	1.80E+03		1.80E+03	1.16	2.50	8.00					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T07-A	1	1.33E+03		1.33E+03	0.87	2.50	8.00					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T08-A	1	1.06E+03		1.06E+03	0.58	2.50	8.00					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T09-A	1	9.39E+02		9.39E+02	0.53	2.50	8.00					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T01-B	1	3.03E+05		3.03E+05	0.29	2.50	8.00					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T02-B	1	1.20E+05		1.20E+05	0.21	2.50	8.00					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T03-B	1	1.03E+04		1.03E+04	0.90	2.50	8.00	10000	1000	1.12E+04	90%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T04-B	1	5.24E+03		5.24E+03	1.22	2.50	8.00					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T05-B	1	3.84E+03		3.84E+03	0.86	2.50	8.00					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T06-B	1	1.92E+03		1.92E+03	1.50	2.50	8.00					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T07-B	1	1.50E+03		1.50E+03	0.75	2.50	8.00					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T08-B	1	1.11E+03		1.11E+03	1.00	2.50	8.00					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T09-B	1	9.40E+02		9.40E+02	1.17	2.50	8.00					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T01-C	1	2.91E+05		2.91E+05	0.23	2.50	8.00					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T02-C	1	9.89E+04		9.89E+04	0.25	2.50	8.00					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T03-C	1	9.93E+03		9.93E+03	0.44	2.50	8.00	10000	1000	1.09E+04	94%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T04-C	1	4.24E+03		4.24E+03	0.92	2.50	8.00					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T05-C	1	3.67E+03		3.67E+03	1.50	2.50	8.00					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T06-C	1	1.90E+03		1.90E+03	1.14	2.50	8.00					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T07-C	1	1.36E+03		1.36E+03	1.48	2.50	8.00					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T08-C	1	1.04E+03		1.04E+03	0.61	2.50	8.00					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-T09-C	1	9.02E+02		9.02E+02	2.26	2.50	8.00					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Na	CFS-L14-1314-B01-A	1	1.25E+00	U1/2	1.25E+00	1.46	2.50	8.00					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L14-1314-T01-A	1	4.77E+03		4.77E+03	0.44	1.00	3.18					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T02-A	1	3.07E+03		3.07E+03	1.21	1.00	3.18					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T03-A	1	3.02E+03		3.02E+03	1.96	1.00	3.18	10000	1000	3.99E+03	97%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T04-A	1	2.59E+03		2.59E+03	1.91	1.00	3.18					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T05-A	1	2.13E+03		2.13E+03	2.28	1.00	3.18					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T06-A	1	1.71E+03		1.71E+03	2.60	1.00	3.18					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T07-A	1	1.47E+03		1.47E+03	2.82	1.00	3.18					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T08-A	1	1.33E+03		1.33E+03	1.00	1.00	3.18					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T09-A	1	1.26E+03		1.26E+03	0.54	1.00	3.18					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T01-B	1	4.54E+03		4.54E+03	0.61	1.00	3.18					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T02-B	1	3.08E+03		3.08E+03	0.54	1.00	3.18					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T03-B	1	3.15E+03		3.15E+03	1.02	1.00	3.18	10000	1000	4.08E+03	93%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T04-B	1	3.04E+03		3.04E+03	1.37	1.00	3.18					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T05-B	1	2.37E+03		2.37E+03	0.38	1.00	3.18					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T06-B	1	1.77E+03		1.77E+03	0.50	1.00	3.18					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T07-B	1	1.58E+03		1.58E+03	1.54	1.00	3.18					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T08-B	1	1.38E+03		1.38E+03	1.73	1.00	3.18					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T09-B	1	1.29E+03		1.29E+03	2.18	1.00	3.18					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T01-C	1	4.62E+03		4.62E+03	0.86	1.00	3.18					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T02-C	1	3.38E+03		3.38E+03	0.28	1.00	3.18					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T03-C	1	3.15E+03		3.15E+03	0.38	1.00	3.18	10000	1000	4.11E+03	96%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T04-C	1	2.85E+03		2.85E+03	0.24	1.00	3.18					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T05-C	1	2.28E+03		2.28E+03	0.91	1.00	3.18					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T06-C	1	1.71E+03		1.71E+03	4.14	1.00	3.18					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T07-C	1	1.50E+03		1.50E+03	1.47	1.00	3.18					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T08-C	1	1.38E+03		1.38E+03	0.87	1.00	3.18					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-T09-C	1	1.27E+03		1.27E+03	0.46	1.00	3.18					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Sr	CFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	21.89	1.00	3.18					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L14-1314-T01-A	1	2.34E+06		2.34E+06	0.46	6.80	21.60					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T02-A	1	1.26E+06		1.26E+06	0.56	6.80	21.60					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T03-A	1	6.25E+05		6.25E+05	1.09	6.80	21.60	10000	1000	6.26E+05	86%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T04-A	1	5.15E+05		5.15E+05	2.26	6.80	21.60					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T05-A	1	5.14E+05		5.14E+05	1.36	6.80	21.60					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T06-A	1	5.02E+05		5.02E+05	2.10	6.80	21.60					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T07-A	1	4.89E+05		4.89E+05	2.76	6.80	21.60					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T08-A	1	4.84E+05		4.84E+05	0.69	6.80	21.60					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T09-A	1	4.66E+05		4.66E+05	0.27	6.80	21.60					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T01-B	1	2.38E+06		2.38E+06	0.59	6.80	21.60					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T02-B	1	1.33E+06		1.33E+06	0.54	6.80	21.60					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T03-B	1	6.39E+05		6.39E+05	0.44	6.80	21.60	10000	1000	6.40E+05	89%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T04-B	1	5.66E+05		5.66E+05	0.62	6.80	21.60					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T05-B	1	5.24E+05		5.24E+05	0.78	6.80	21.60					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T06-B	1	5.02E+05		5.02E+05	0.39	6.80	21.60					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T07-B	1	4.98E+05		4.98E+05	1.84	6.80	21.60					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T08-B	1	4.79E+05		4.79E+05	2.74	6.80	21.60					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T09-B	1	4.74E+05		4.74E+05	1.76	6.80	21.60					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T01-C	1	2.27E+06		2.27E+06	0.77	6.80	21.60					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T02-C	1	1.21E+06		1.21E+06	0.82	6.80	21.60					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T03-C	1	6.23E+05		6.23E+05	0.54	6.80	21.60	10000	1000	6.24E+05	90%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T04-C	1	5.19E+05		5.19E+05	0.37	6.80	21.60					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T05-C	1	5.21E+05		5.21E+05	0.51	6.80	21.60					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T06-C	1	5.01E+05		5.01E+05	2.95	6.80	21.60					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T07-C	1	4.97E+05		4.97E+05	1.37	6.80	21.60					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T08-C	1	4.94E+05		4.94E+05	1.67	6.80	21.60					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-T09-C	1	4.86E+05		4.86E+05	1.28	6.80	21.60					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
S	CFS-L14-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	8.75	6.80	21.60					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L14-1314-T01-A	1	1.93E+03		1.93E+03	0.28	4.60	14.60					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T02-A	1	1.10E+03		1.10E+03	0.61	4.60	14.60					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T03-A	1	6.39E+02		6.39E+02	0.80	4.60	14.60	10000	1000	1.73E+03	109%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T04-A	1	4.59E+02		4.59E+02	3.16	4.60	14.60					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T05-A	1	3.81E+02		3.81E+02	2.86	4.60	14.60					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T06-A	1	2.34E+02		2.34E+02	2.67	4.60	14.60					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T07-A	1	1.63E+02		1.63E+02	5.43	4.60	14.60					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T08-A	1	1.26E+02		1.26E+02	2.05	4.60	14.60					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T09-A	1	1.09E+02		1.09E+02	1.64	4.60	14.60					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T01-B	1	1.99E+03		1.99E+03	0.49	4.60	14.60					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T02-B	1	1.19E+03		1.19E+03	1.01	4.60	14.60					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T03-B	1	6.71E+02		6.71E+02	0.43	4.60	14.60	10000	1000	1.72E+03	105%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T04-B	1	5.42E+02		5.42E+02	1.28	4.60	14.60					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T05-B	1	4.26E+02		4.26E+02	2.12	4.60	14.60					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T06-B	1	2.65E+02		2.65E+02	1.87	4.60	14.60					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T07-B	1	1.81E+02		1.81E+02	2.53	4.60	14.60					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T08-B	1	1.37E+02		1.37E+02	4.83	4.60	14.60					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T09-B	1	1.16E+02		1.16E+02	4.61	4.60	14.60					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T01-C	1	2.02E+03		2.02E+03	0.42	4.60	14.60					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T02-C	1	1.09E+03		1.09E+03	1.33	4.60	14.60					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T03-C	1	6.33E+02		6.33E+02	1.45	4.60	14.60	10000	1000	1.70E+03	107%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T04-C	1	4.85E+02		4.85E+02	0.10	4.60	14.60					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T05-C	1	4.01E+02		4.01E+02	0.55	4.60	14.60					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T06-C	1	2.47E+02		2.47E+02	4.00	4.60	14.60					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T07-C	1	1.75E+02		1.75E+02	1.58	4.60	14.60					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T08-C	1	1.43E+02		1.43E+02	0.97	4.60	14.60					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-T09-C	1	1.10E+02		1.10E+02	4.64	4.60	14.60					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Tl	CFS-L14-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	25.84	4.60	14.60					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L14-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	9.27	2.00	6.40					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	2.63	2.00	6.40					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	13.05	2.00	6.40	10000	1000	9.39E+02	94%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	10.00	2.00	6.40					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	18.48	2.00	6.40					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	17.21	2.00	6.40					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	17.56	2.00	6.40					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	15.30	2.00	6.40					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	11.11	2.00	6.40					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	15.46	2.00	6.40					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	19.89	2.00	6.40					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	8.88	2.00	6.40	10000	1000	9.24E+02	92%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	21.74	2.00	6.40					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	5.41	2.00	6.40					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	4.31	2.00	6.40					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	27.64	2.00	6.40					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	33.81	2.00	6.40					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	14.69	2.00	6.40					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	1.61	2.00	6.40					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	6.65	2.00	6.40					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	3.09	2.00	6.40	10000	1000	9.29E+02	93%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	21.74	2.00	6.40					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	2.05	2.00	6.40					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	17.88	2.00	6.40					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	14.48	2.00	6.40					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	15.60	2.00	6.40					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	27.51	2.00	6.40					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Ti	CFS-L14-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	25.88	2.00	6.40					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L14-1314-T01-A	1	2.64E+01		2.64E+01	5.12	1.50	4.77					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T02-A	1	2.67E+01		2.67E+01	4.49	1.50	4.77					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T03-A	1	3.00E+01		3.00E+01	3.92	1.50	4.77	10000	1000	1.05E+03	102%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T04-A	1	3.03E+01		3.03E+01	0.95	1.50	4.77					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T05-A	1	3.21E+01		3.21E+01	14.20	1.50	4.77					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T06-A	1	3.27E+01		3.27E+01	4.39	1.50	4.77					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T07-A	1	3.23E+01		3.23E+01	3.23	1.50	4.77					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T08-A	1	3.22E+01		3.22E+01	3.15	1.50	4.77					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T09-A	1	3.56E+01		3.56E+01	2.50	1.50	4.77					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T01-B	1	2.75E+01		2.75E+01	1.13	1.50	4.77					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T02-B	1	2.56E+01		2.56E+01	2.27	1.50	4.77					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T03-B	1	3.01E+01		3.01E+01	1.68	1.50	4.77	10000	1000	1.05E+03	102%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T04-B	1	3.32E+01		3.32E+01	0.90	1.50	4.77					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T05-B	1	3.13E+01		3.13E+01	4.25	1.50	4.77					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T06-B	1	3.16E+01		3.16E+01	2.65	1.50	4.77					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T07-B	1	3.29E+01		3.29E+01	2.66	1.50	4.77					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T08-B	1	3.17E+01		3.17E+01	3.77	1.50	4.77					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T09-B	1	3.27E+01		3.27E+01	3.94	1.50	4.77					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T01-C	1	2.49E+01		2.49E+01	5.34	1.50	4.77					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T02-C	1	2.68E+01		2.68E+01	7.40	1.50	4.77					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T03-C	1	2.99E+01		2.99E+01	2.24	1.50	4.77	10000	1000	1.03E+03	100%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T04-C	1	3.25E+01		3.25E+01	2.67	1.50	4.77					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T05-C	1	3.28E+01		3.28E+01	1.64	1.50	4.77					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T06-C	1	3.22E+01		3.22E+01	2.97	1.50	4.77					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T07-C	1	3.31E+01		3.31E+01	1.77	1.50	4.77					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T08-C	1	3.31E+01		3.31E+01	4.51	1.50	4.77					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-T09-C	1	3.28E+01		3.28E+01	3.10	1.50	4.77					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
V	CFS-L14-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	12.62	1.50	4.77					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L14-1314-T01-A	1	6.71E+04		6.71E+04	0.42	1.00	3.18					VU ICP-OES	1/2/12 2:35 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T02-A	1	3.92E+04		3.92E+04	0.58	1.00	3.18					VU ICP-OES	1/2/12 2:36 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T03-A	1	3.45E+04		3.45E+04	0.78	1.00	3.18	10000	1000	3.54E+04	88%	VU ICP-OES	1/2/12 2:38 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T04-A	1	3.66E+04		3.66E+04	2.15	1.00	3.18					VU ICP-OES	1/2/12 2:39 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T05-A	1	3.81E+04		3.81E+04	2.22	1.00	3.18					VU ICP-OES	1/2/12 2:41 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T06-A	1	3.16E+04		3.16E+04	2.64	1.00	3.18					VU ICP-OES	1/2/12 2:43 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T07-A	1	2.42E+04		2.42E+04	2.79	1.00	3.18					VU ICP-OES	1/2/12 2:44 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T08-A	1	1.83E+04		1.83E+04	0.85	1.00	3.18					VU ICP-OES	1/2/12 2:46 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T09-A	1	1.37E+04		1.37E+04	0.44	1.00	3.18					VU ICP-OES	1/2/12 2:50 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T01-B	1	7.30E+04		7.30E+04	1.63	1.00	3.18					VU ICP-OES	1/2/12 2:59 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T02-B	1	4.31E+04		4.31E+04	1.28	1.00	3.18					VU ICP-OES	1/2/12 3:00 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T03-B	1	3.75E+04		3.75E+04	0.04	1.00	3.18	10000	1000	3.83E+04	87%	VU ICP-OES	1/2/12 3:02 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T04-B	1	3.98E+04		3.98E+04	0.94	1.00	3.18					VU ICP-OES	1/2/12 3:04 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T05-B	1	3.97E+04		3.97E+04	0.36	1.00	3.18					VU ICP-OES	1/2/12 3:05 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T06-B	1	3.39E+04		3.39E+04	0.44	1.00	3.18					VU ICP-OES	1/2/12 3:07 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T07-B	1	2.68E+04		2.68E+04	1.92	1.00	3.18					VU ICP-OES	1/2/12 3:09 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T08-B	1	1.97E+04		1.97E+04	2.39	1.00	3.18					VU ICP-OES	1/2/12 3:10 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T09-B	1	1.55E+04		1.55E+04	1.79	1.00	3.18					VU ICP-OES	1/2/12 3:12 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T01-C	1	6.33E+04		6.33E+04	1.32	1.00	3.18					VU ICP-OES	1/2/12 3:14 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T02-C	1	4.22E+04		4.22E+04	0.30	1.00	3.18					VU ICP-OES	1/2/12 3:15 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T03-C	1	3.54E+04		3.54E+04	1.27	1.00	3.18	10000	1000	3.63E+04	89%	VU ICP-OES	1/2/12 3:17 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T04-C	1	3.57E+04		3.57E+04	0.83	1.00	3.18					VU ICP-OES	1/2/12 3:19 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T05-C	1	3.67E+04		3.67E+04	0.57	1.00	3.18					VU ICP-OES	1/2/12 3:20 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T06-C	1	3.12E+04		3.12E+04	3.79	1.00	3.18					VU ICP-OES	1/2/12 3:22 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T07-C	1	2.48E+04		2.48E+04	1.71	1.00	3.18					VU ICP-OES	1/2/12 3:23 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T08-C	1	1.88E+04		1.88E+04	1.45	1.00	3.18					VU ICP-OES	1/2/12 3:25 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-T09-C	1	1.49E+04		1.49E+04	1.94	1.00	3.18					VU ICP-OES	1/2/12 3:27 PM	EPA Interlab L14 1314 CFS
Zn	CFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	9.17	1.00	3.18					VU ICP-OES	1/2/12 2:30 PM	EPA Interlab L14 1314 CFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-LRef-1314-T01-A	1	5.19E+01		5.19E+01	3.08	1.00	3.18					VU ICP-OES	3/7/12 2:26 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T02-A	1	4.70E+01		4.70E+01	5.14	1.00	3.18					VU ICP-OES	3/7/12 2:28 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T03-A	1	4.13E+01		4.13E+01	5.63	1.00	3.18	10000	1000	1.02E+03	98%	VU ICP-OES	3/7/12 2:30 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T04-A	1	4.45E+01		4.45E+01	5.43	1.00	3.18					VU ICP-OES	3/7/12 2:31 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T05-A	1	3.84E+01		3.84E+01	2.87	1.00	3.18					VU ICP-OES	3/7/12 2:33 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T06-A	1	3.54E+01		3.54E+01	0.89	1.00	3.18					VU ICP-OES	3/7/12 2:35 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T07-A	1	3.76E+01		3.76E+01	8.35	1.00	3.18					VU ICP-OES	3/7/12 2:36 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T08-A	1	3.65E+01		3.65E+01	3.91	1.00	3.18					VU ICP-OES	3/7/12 2:38 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T09-A	1	3.53E+01		3.53E+01	5.73	1.00	3.18					VU ICP-OES	3/7/12 2:40 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T01-B	1	4.92E+01		4.92E+01	2.10	1.00	3.18					VU ICP-OES	3/7/12 2:41 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T02-B	1	4.66E+01		4.66E+01	7.96	1.00	3.18					VU ICP-OES	3/7/12 2:43 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T03-B	1	4.07E+01		4.07E+01	6.70	1.00	3.18	10000	1000	1.04E+03	100%	VU ICP-OES	3/7/12 2:45 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T04-B	1	4.33E+01		4.33E+01	6.75	1.00	3.18					VU ICP-OES	3/7/12 2:46 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T05-B	1	3.70E+01		3.70E+01	2.84	1.00	3.18					VU ICP-OES	3/7/12 2:48 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T06-B	1	3.55E+01		3.55E+01	3.81	1.00	3.18					VU ICP-OES	3/7/12 2:50 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T07-B	1	3.79E+01		3.79E+01	4.09	1.00	3.18					VU ICP-OES	3/7/12 2:51 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T08-B	1	3.58E+01		3.58E+01	4.30	1.00	3.18					VU ICP-OES	3/7/12 2:53 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T09-B	1	3.52E+01		3.52E+01	5.18	1.00	3.18					VU ICP-OES	3/7/12 2:55 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T01-C	1	5.04E+01		5.04E+01	2.55	1.00	3.18					VU ICP-OES	3/7/12 3:00 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T02-C	1	4.62E+01		4.62E+01	2.39	1.00	3.18					VU ICP-OES	3/7/12 3:01 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T03-C	1	4.40E+01		4.40E+01	1.76	1.00	3.18	10000	1000	1.04E+03	100%	VU ICP-OES	3/7/12 3:03 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T04-C	1	4.46E+01		4.46E+01	4.39	1.00	3.18					VU ICP-OES	3/7/12 3:05 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T05-C	1	3.88E+01		3.88E+01	6.26	1.00	3.18					VU ICP-OES	3/7/12 3:06 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T06-C	1	3.49E+01		3.49E+01	1.59	1.00	3.18					VU ICP-OES	3/7/12 3:08 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T07-C	1	3.67E+01		3.67E+01	3.96	1.00	3.18					VU ICP-OES	3/7/12 3:09 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T08-C	1	3.58E+01		3.58E+01	7.10	1.00	3.18					VU ICP-OES	3/7/12 3:11 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T09-C	1	3.55E+01		3.55E+01	4.10	1.00	3.18					VU ICP-OES	3/7/12 3:13 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	11.88	1.00	3.18					VU ICP-OES	3/7/12 2:25 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-LRef-1314-T01-A	1	7.13E+01		7.13E+01	1.21	7.50	23.90					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T02-A	1	4.21E+01		4.21E+01	4.04	7.50	23.90					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T03-A	1	3.19E+01		3.19E+01	11.84	7.50	23.90	10000	1000	1.01E+03	98%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T04-A	1	2.94E+01		2.94E+01	3.22	7.50	23.90					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T05-A	1	2.86E+01		2.86E+01	1.28	7.50	23.90					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T06-A	1	3.33E+01		3.33E+01	2.27	7.50	23.90					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T07-A	1	2.14E+01	E	2.14E+01	30.51	7.50	23.90					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T08-A	1	2.34E+01	E	2.34E+01	31.67	7.50	23.90					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T09-A	1	1.85E+01	E	1.85E+01	17.36	7.50	23.90					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T01-B	1	6.97E+01		6.97E+01	2.87	7.50	23.90					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T02-B	1	4.17E+01		4.17E+01	2.53	7.50	23.90					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T03-B	1	3.44E+01		3.44E+01	1.14	7.50	23.90	10000	1000	1.04E+03	100%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T04-B	1	3.41E+01		3.41E+01	3.75	7.50	23.90					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T05-B	1	3.28E+01		3.28E+01	12.57	7.50	23.90					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T06-B	1	2.73E+01		2.73E+01	4.39	7.50	23.90					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T07-B	1	2.50E+01		2.50E+01	6.66	7.50	23.90					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T08-B	1	1.93E+01	E	1.93E+01	17.16	7.50	23.90					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T09-B	1	1.72E+01	E	1.72E+01	4.20	7.50	23.90					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T01-C	1	7.11E+01		7.11E+01	9.30	7.50	23.90					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T02-C	1	4.17E+01		4.17E+01	3.18	7.50	23.90					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T03-C	1	3.35E+01		3.35E+01	7.51	7.50	23.90	10000	1000	1.03E+03	100%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T04-C	1	2.62E+01		2.62E+01	2.96	7.50	23.90					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T05-C	1	3.12E+01		3.12E+01	1.24	7.50	23.90					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T06-C	1	3.00E+01		3.00E+01	9.75	7.50	23.90					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T07-C	1	2.51E+01		2.51E+01	1.62	7.50	23.90					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T08-C	1	1.84E+01	E	1.84E+01	12.42	7.50	23.90					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T09-C	1	1.56E+01	E	1.56E+01	4.14	7.50	23.90					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	56.65	7.50	23.90					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-LRef-1314-T01-A	1	4.10E+01		4.10E+01	2.75	11.00	35.00					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T02-A	1	3.19E+01	E	3.19E+01	5.11	11.00	35.00					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T03-A	1	2.04E+01	E	2.04E+01	32.39	11.00	35.00	10000	1000	1.03E+03	101%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T04-A	1	1.99E+01	E	1.99E+01	23.27	11.00	35.00					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T05-A	1	1.87E+01	E	1.87E+01	15.33	11.00	35.00					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T06-A	1	2.17E+01	E	2.17E+01	13.31	11.00	35.00					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T07-A	1	2.06E+01	E	2.06E+01	23.80	11.00	35.00					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T08-A	1	1.88E+01	E	1.88E+01	25.71	11.00	35.00					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T09-A	1	1.43E+01	E	1.43E+01	3.11	11.00	35.00					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T01-B	1	4.04E+01		4.04E+01	2.88	11.00	35.00					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T02-B	1	3.17E+01	E	3.17E+01	21.87	11.00	35.00					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T03-B	1	1.95E+01	E	1.95E+01	13.77	11.00	35.00	10000	1000	1.03E+03	101%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T04-B	1	2.02E+01	E	2.02E+01	21.02	11.00	35.00					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T05-B	1	1.79E+01	E	1.79E+01	21.92	11.00	35.00					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T06-B	1	1.61E+01	E	1.61E+01	7.33	11.00	35.00					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T07-B	1	2.29E+01	E	2.29E+01	15.10	11.00	35.00					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T08-B	1	1.93E+01	E	1.93E+01	32.95	11.00	35.00					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T09-B	1	1.55E+01	E	1.55E+01	9.77	11.00	35.00					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T01-C	1	4.15E+01		4.15E+01	9.65	11.00	35.00					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T02-C	1	3.37E+01	E	3.37E+01	16.88	11.00	35.00					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T03-C	1	2.13E+01	E	2.13E+01	5.24	11.00	35.00	10000	1000	1.03E+03	101%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T04-C	1	1.50E+01	E	1.50E+01	24.68	11.00	35.00					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T05-C	1	2.02E+01	E	2.02E+01	22.77	11.00	35.00					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T06-C	1	1.94E+01	E	1.94E+01	7.09	11.00	35.00					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T07-C	1	1.71E+01	E	1.71E+01	26.11	11.00	35.00					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T08-C	1	1.68E+01	E	1.68E+01	16.99	11.00	35.00					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T09-C	1	1.34E+01	E	1.34E+01	18.58	11.00	35.00					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	52.27	11.00	35.00					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-LRef-1314-T01-A	1	2.20E+03		2.20E+03	0.74	1.00	3.18					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T02-A	1	1.42E+03		1.42E+03	0.82	1.00	3.18					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T03-A	1	4.68E+02		4.68E+02	0.60	1.00	3.18	10000	1000	1.37E+03	90%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T04-A	1	2.46E+02		2.46E+02	0.83	1.00	3.18					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T05-A	1	1.78E+02		1.78E+02	1.27	1.00	3.18					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T06-A	1	1.07E+02		1.07E+02	0.97	1.00	3.18					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T07-A	1	7.45E+01		7.45E+01	3.04	1.00	3.18					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T08-A	1	5.17E+01		5.17E+01	4.13	1.00	3.18					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T09-A	1	3.53E+01		3.53E+01	4.92	1.00	3.18					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T01-B	1	2.00E+03		2.00E+03	1.33	1.00	3.18					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T02-B	1	1.23E+03		1.23E+03	0.23	1.00	3.18					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T03-B	1	4.79E+02		4.79E+02	1.28	1.00	3.18	10000	1000	1.31E+03	83%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T04-B	1	2.45E+02		2.45E+02	0.34	1.00	3.18					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T05-B	1	1.50E+02		1.50E+02	1.88	1.00	3.18					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T06-B	1	1.03E+02		1.03E+02	1.75	1.00	3.18					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T07-B	1	7.44E+01		7.44E+01	0.14	1.00	3.18					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T08-B	1	5.12E+01		5.12E+01	3.09	1.00	3.18					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T09-B	1	4.26E+01		4.26E+01	2.37	1.00	3.18					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T01-C	1	2.19E+03		2.19E+03	0.30	1.00	3.18					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T02-C	1	1.38E+03		1.38E+03	1.75	1.00	3.18					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T03-C	1	4.52E+02		4.52E+02	1.33	1.00	3.18	10000	1000	1.32E+03	86%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T04-C	1	2.34E+02		2.34E+02	0.53	1.00	3.18					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T05-C	1	1.57E+02		1.57E+02	1.19	1.00	3.18					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T06-C	1	9.85E+01		9.85E+01	1.15	1.00	3.18					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T07-C	1	6.99E+01		6.99E+01	0.89	1.00	3.18					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T08-C	1	5.72E+01		5.72E+01	1.67	1.00	3.18					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T09-C	1	4.04E+01		4.04E+01	12.02	1.00	3.18					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	1.91	1.00	3.18					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-LRef-1314-T01-A	1	4.65E+01		4.65E+01	1.18	1.00	3.18					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T02-A	1	4.93E+01		4.93E+01	0.41	1.00	3.18					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T03-A	1	9.27E+01		9.27E+01	0.43	1.00	3.18	10000	1000	1.11E+03	101%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T04-A	1	1.09E+02		1.09E+02	0.19	1.00	3.18					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T05-A	1	1.14E+02		1.14E+02	0.47	1.00	3.18					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T06-A	1	1.26E+02		1.26E+02	1.03	1.00	3.18					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T07-A	1	1.29E+02		1.29E+02	0.56	1.00	3.18					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T08-A	1	1.28E+02		1.28E+02	1.11	1.00	3.18					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T09-A	1	1.28E+02		1.28E+02	0.59	1.00	3.18					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T01-B	1	4.35E+01		4.35E+01	0.64	1.00	3.18					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T02-B	1	4.74E+01		4.74E+01	0.32	1.00	3.18					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T03-B	1	1.00E+02		1.00E+02	0.65	1.00	3.18	10000	1000	1.11E+03	100%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T04-B	1	1.10E+02		1.10E+02	0.65	1.00	3.18					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T05-B	1	1.04E+02		1.04E+02	1.27	1.00	3.18					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T06-B	1	1.27E+02		1.27E+02	2.67	1.00	3.18					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T07-B	1	1.34E+02		1.34E+02	0.44	1.00	3.18					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T08-B	1	1.29E+02		1.29E+02	0.83	1.00	3.18					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T09-B	1	1.31E+02		1.31E+02	0.40	1.00	3.18					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T01-C	1	4.23E+01		4.23E+01	0.09	1.00	3.18					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T02-C	1	5.44E+01		5.44E+01	1.90	1.00	3.18					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T03-C	1	9.30E+01		9.30E+01	2.08	1.00	3.18	10000	1000	1.10E+03	101%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T04-C	1	1.10E+02		1.10E+02	0.76	1.00	3.18					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T05-C	1	1.11E+02		1.11E+02	0.84	1.00	3.18					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T06-C	1	1.20E+02		1.20E+02	0.44	1.00	3.18					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T07-C	1	1.30E+02		1.30E+02	0.31	1.00	3.18					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T08-C	1	1.25E+02		1.25E+02	1.11	1.00	3.18					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T09-C	1	1.30E+02		1.30E+02	0.51	1.00	3.18					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	16.98	1.00	3.18					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-LRef-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	20.97	1.90	6.00					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	5.69	1.90	6.00					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	20.20	1.90	6.00	10000	1000	9.98E+02	100%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	20.38	1.90	6.00					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	21.74	1.90	6.00					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	4.87	1.90	6.00					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	23.51	1.90	6.00					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	16.62	1.90	6.00					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	27.23	1.90	6.00					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	35.16	1.90	6.00					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	23.93	1.90	6.00					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	14.15	1.90	6.00	10000	1000	1.00E+03	100%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	30.12	1.90	6.00					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	19.43	1.90	6.00					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	10.46	1.90	6.00					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	14.17	1.90	6.00					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	28.39	1.90	6.00					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	23.94	1.90	6.00					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	13.70	1.90	6.00					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	10.42	1.90	6.00					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	39.48	1.90	6.00	10000	1000	1.00E+03	100%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	33.93	1.90	6.00					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	37.43	1.90	6.00					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	26.10	1.90	6.00					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	50.94	1.90	6.00					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	9.12	1.90	6.00					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	50.75	1.90	6.00					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	37.12	1.90	6.00					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-LRef-1314-T01-A	1	1.44E+04		1.44E+04	0.63	2.20	7.00					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T02-A	1	9.29E+03		9.29E+03	0.89	2.20	7.00					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T03-A	1	7.93E+03		7.93E+03	0.16	2.20	7.00	10000	1000	8.93E+03	101%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T04-A	1	1.03E+04		1.03E+04	0.58	2.20	7.00					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T05-A	1	9.34E+03		9.34E+03	0.44	2.20	7.00					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T06-A	1	7.70E+03		7.70E+03	0.77	2.20	7.00					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T07-A	1	5.55E+03		5.55E+03	0.81	2.20	7.00					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T08-A	1	3.77E+03		3.77E+03	1.63	2.20	7.00					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T09-A	1	3.05E+03		3.05E+03	0.77	2.20	7.00					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T01-B	1	1.64E+04		1.64E+04	1.45	2.20	7.00					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T02-B	1	9.11E+03		9.11E+03	0.62	2.20	7.00					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T03-B	1	9.49E+03		9.49E+03	1.01	2.20	7.00	10000	1000	1.05E+04	101%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T04-B	1	9.86E+03		9.86E+03	0.15	2.20	7.00					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T05-B	1	8.63E+03		8.63E+03	1.53	2.20	7.00					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T06-B	1	7.53E+03		7.53E+03	1.33	2.20	7.00					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T07-B	1	5.57E+03		5.57E+03	0.43	2.20	7.00					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T08-B	1	3.20E+03		3.20E+03	0.73	2.20	7.00					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T09-B	1	3.11E+03		3.11E+03	0.63	2.20	7.00					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T01-C	1	1.58E+04		1.58E+04	0.52	2.20	7.00					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T02-C	1	1.04E+04		1.04E+04	1.59	2.20	7.00					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T03-C	1	7.98E+03		7.98E+03	2.60	2.20	7.00	10000	1000	8.92E+03	94%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T04-C	1	9.44E+03		9.44E+03	0.96	2.20	7.00					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T05-C	1	8.86E+03		8.86E+03	0.39	2.20	7.00					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T06-C	1	6.93E+03		6.93E+03	0.95	2.20	7.00					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T07-C	1	5.38E+03		5.38E+03	0.52	2.20	7.00					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T08-C	1	3.50E+03		3.50E+03	1.26	2.20	7.00					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T09-C	1	2.88E+03		2.88E+03	0.11	2.20	7.00					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	17.81	2.20	7.00					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-LRef-1314-T01-A	1	5.13E+05		5.13E+05	0.92	2.60	8.30					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T02-A	1	5.24E+05		5.24E+05	0.77	2.60	8.30					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T03-A	1	5.21E+05		5.21E+05	0.14	2.60	8.30	10000	1000	5.22E+05	86%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T04-A	1	6.48E+05		6.48E+05	0.14	2.60	8.30					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T05-A	1	6.80E+05		6.80E+05	0.46	2.60	8.30					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T06-A	1	6.84E+05		6.84E+05	0.59	2.60	8.30					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T07-A	1	6.58E+05		6.58E+05	0.66	2.60	8.30					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T08-A	1	6.26E+05		6.26E+05	0.86	2.60	8.30					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T09-A	1	6.47E+05		6.47E+05	0.72	2.60	8.30					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T01-B	1	5.09E+05		5.09E+05	1.41	2.60	8.30					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T02-B	1	5.61E+05		5.61E+05	0.16	2.60	8.30					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T03-B	1	5.95E+05		5.95E+05	0.83	2.60	8.30	10000	1000	5.96E+05	84%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T04-B	1	6.52E+05		6.52E+05	0.71	2.60	8.30					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T05-B	1	6.10E+05		6.10E+05	1.53	2.60	8.30					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T06-B	1	6.45E+05		6.45E+05	2.37	2.60	8.30					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T07-B	1	6.86E+05		6.86E+05	0.34	2.60	8.30					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T08-B	1	6.75E+05		6.75E+05	0.85	2.60	8.30					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T09-B	1	6.83E+05		6.83E+05	0.86	2.60	8.30					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T01-C	1	5.17E+05		5.17E+05	0.18	2.60	8.30					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T02-C	1	5.87E+05		5.87E+05	1.94	2.60	8.30					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T03-C	1	6.52E+05		6.52E+05	1.23	2.60	8.30	10000	1000	6.52E+05	84%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T04-C	1	6.58E+05		6.58E+05	1.16	2.60	8.30					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T05-C	1	6.42E+05		6.42E+05	0.57	2.60	8.30					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T06-C	1	6.52E+05		6.52E+05	0.59	2.60	8.30					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T07-C	1	6.64E+05		6.64E+05	0.55	2.60	8.30					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T08-C	1	6.89E+05		6.89E+05	1.15	2.60	8.30					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T09-C	1	6.35E+05		6.35E+05	0.33	2.60	8.30					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	15.70	2.60	8.30					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-LRef-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	19.38	1.20	3.82					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	30.13	1.20	3.82					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	2.55	1.20	3.82	10000	1000	9.36E+02	94%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	52.91	1.20	3.82					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	61.05	1.20	3.82					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	71.23	1.20	3.82					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	47.89	1.20	3.82					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	22.03	1.20	3.82					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	94.13	1.20	3.82					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	37.56	1.20	3.82					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	31.22	1.20	3.82					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	14.67	1.20	3.82	10000	1000	9.31E+02	93%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	60.55	1.20	3.82					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	67.59	1.20	3.82					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	53.00	1.20	3.82					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	25.20	1.20	3.82					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	24.66	1.20	3.82					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	30.77	1.20	3.82					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	1.84	1.20	3.82					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	14.94	1.20	3.82					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	41.37	1.20	3.82	10000	1000	9.32E+02	93%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	18.69	1.20	3.82					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	42.71	1.20	3.82					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	50.79	1.20	3.82					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	26.03	1.20	3.82					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	27.11	1.20	3.82					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	11.08	1.20	3.82					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	24.63	1.20	3.82					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-LRef-1314-T01-A	1	7.07E+02		7.07E+02	0.41	1.80	5.72					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T02-A	1	2.62E+02		2.62E+02	1.03	1.80	5.72					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T03-A	1	2.13E+02		2.13E+02	0.45	1.80	5.72	10000	1000	1.33E+03	112%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T04-A	1	2.90E+02		2.90E+02	0.34	1.80	5.72					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T05-A	1	2.99E+02		2.99E+02	1.75	1.80	5.72					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T06-A	1	1.26E+02		1.26E+02	0.62	1.80	5.72					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T07-A	1	6.02E+01		6.02E+01	1.21	1.80	5.72					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T08-A	1	3.56E+01		3.56E+01	1.48	1.80	5.72					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T09-A	1	1.80E+01		1.80E+01	14.14	1.80	5.72					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T01-B	1	7.24E+02		7.24E+02	3.23	1.80	5.72					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T02-B	1	2.60E+02		2.60E+02	0.52	1.80	5.72					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T03-B	1	2.35E+02		2.35E+02	1.50	1.80	5.72	10000	1000	1.38E+03	114%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T04-B	1	2.79E+02		2.79E+02	0.40	1.80	5.72					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T05-B	1	2.54E+02		2.54E+02	1.55	1.80	5.72					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T06-B	1	1.34E+02		1.34E+02	6.58	1.80	5.72					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T07-B	1	5.86E+01		5.86E+01	2.40	1.80	5.72					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T08-B	1	3.70E+01		3.70E+01	2.38	1.80	5.72					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T09-B	1	2.63E+01		2.63E+01	1.18	1.80	5.72					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T01-C	1	7.32E+02		7.32E+02	0.57	1.80	5.72					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T02-C	1	2.85E+02		2.85E+02	1.83	1.80	5.72					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T03-C	1	2.74E+02		2.74E+02	4.29	1.80	5.72	10000	1000	1.29E+03	101%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T04-C	1	3.15E+02		3.15E+02	0.77	1.80	5.72					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T05-C	1	1.59E+02		1.59E+02	0.56	1.80	5.72					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T06-C	1	1.10E+02		1.10E+02	0.61	1.80	5.72					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T07-C	1	5.84E+01		5.84E+01	2.38	1.80	5.72					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T08-C	1	4.28E+01		4.28E+01	3.43	1.80	5.72					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T09-C	1	2.40E+01		2.40E+01	4.94	1.80	5.72					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	59.53	1.80	5.72					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-LRef-1314-T01-A	1	2.50E+03		2.50E+03	0.78	3.70	11.80					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T02-A	1	1.25E+03		1.25E+03	0.50	3.70	11.80					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T03-A	1	1.83E+03		1.83E+03	0.57	3.70	11.80	10000	1000	2.80E+03	97%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T04-A	1	1.31E+03		1.31E+03	1.16	3.70	11.80					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T05-A	1	1.44E+03		1.44E+03	1.71	3.70	11.80					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T06-A	1	1.43E+03		1.43E+03	1.40	3.70	11.80					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T07-A	1	1.26E+03		1.26E+03	0.49	3.70	11.80					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T08-A	1	8.89E+02		8.89E+02	5.32	3.70	11.80					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T09-A	1	7.58E+02		7.58E+02	0.39	3.70	11.80					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T01-B	1	2.74E+03		2.74E+03	1.54	3.70	11.80					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T02-B	1	1.33E+03		1.33E+03	1.22	3.70	11.80					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T03-B	1	2.11E+03		2.11E+03	0.14	3.70	11.80	10000	1000	3.12E+03	101%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T04-B	1	1.12E+03		1.12E+03	1.02	3.70	11.80					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T05-B	1	1.36E+03		1.36E+03	1.51	3.70	11.80					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T06-B	1	1.26E+03		1.26E+03	3.21	3.70	11.80					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T07-B	1	1.29E+03		1.29E+03	0.47	3.70	11.80					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T08-B	1	8.45E+02		8.45E+02	0.57	3.70	11.80					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T09-B	1	8.00E+02		8.00E+02	0.51	3.70	11.80					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T01-C	1	2.16E+03		2.16E+03	0.54	3.70	11.80					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T02-C	1	1.26E+03		1.26E+03	1.41	3.70	11.80					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T03-C	1	1.78E+03		1.78E+03	4.83	3.70	11.80	10000	1000	2.87E+03	109%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T04-C	1	1.04E+03		1.04E+03	1.99	3.70	11.80					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T05-C	1	1.28E+03		1.28E+03	0.92	3.70	11.80					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T06-C	1	1.30E+03		1.30E+03	0.49	3.70	11.80					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T07-C	1	1.15E+03		1.15E+03	0.16	3.70	11.80					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T08-C	1	8.32E+02		8.32E+02	1.26	3.70	11.80					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T09-C	1	7.21E+02		7.21E+02	0.49	3.70	11.80					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	41.35	3.70	11.80					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-LRef-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	25.67	2.00	6.40					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	24.79	2.00	6.40					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	22.07	2.00	6.40	10000	1000	9.74E+02	97%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	10.03	2.00	6.40					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	38.08	2.00	6.40					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	24.61	2.00	6.40					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	21.38	2.00	6.40					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	30.93	2.00	6.40					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	32.56	2.00	6.40					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	28.36	2.00	6.40					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	24.41	2.00	6.40					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	14.42	2.00	6.40	10000	1000	9.71E+02	97%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	45.06	2.00	6.40					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	10.27	2.00	6.40					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	16.06	2.00	6.40					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	34.05	2.00	6.40					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	21.52	2.00	6.40					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	44.16	2.00	6.40					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	10.26	2.00	6.40					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	16.32	2.00	6.40					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	41.96	2.00	6.40	10000	1000	9.68E+02	97%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	24.60	2.00	6.40					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	21.63	2.00	6.40					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	32.75	2.00	6.40					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	27.68	2.00	6.40					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	24.88	2.00	6.40					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	37.06	2.00	6.40					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	29.10	2.00	6.40					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-LRef-1314-T01-A	1	9.66E+02		9.66E+02	0.51	6.80	21.60					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T02-A	1	8.03E+02		8.03E+02	0.48	6.80	21.60					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T03-A	1	8.67E+02		8.67E+02	0.52	6.80	21.60	10000	1000	1.83E+03	96%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T04-A	1	9.67E+02		9.67E+02	0.25	6.80	21.60					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T05-A	1	1.11E+03		1.11E+03	0.94	6.80	21.60					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T06-A	1	1.08E+03		1.08E+03	0.99	6.80	21.60					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T07-A	1	1.01E+03		1.01E+03	0.86	6.80	21.60					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T08-A	1	8.18E+02		8.18E+02	15.11	6.80	21.60					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T09-A	1	8.02E+02		8.02E+02	0.61	6.80	21.60					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T01-B	1	9.46E+02		9.46E+02	0.60	6.80	21.60					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T02-B	1	7.92E+02		7.92E+02	0.45	6.80	21.60					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T03-B	1	9.76E+02		9.76E+02	0.68	6.80	21.60	10000	1000	1.91E+03	93%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T04-B	1	9.96E+02		9.96E+02	0.02	6.80	21.60					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T05-B	1	9.88E+02		9.88E+02	4.14	6.80	21.60					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T06-B	1	1.06E+03		1.06E+03	5.00	6.80	21.60					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T07-B	1	1.03E+03		1.03E+03	0.60	6.80	21.60					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T08-B	1	9.18E+02		9.18E+02	1.24	6.80	21.60					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T09-B	1	9.22E+02		9.22E+02	1.10	6.80	21.60					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T01-C	1	9.28E+02		9.28E+02	0.37	6.80	21.60					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T02-C	1	7.75E+02		7.75E+02	1.75	6.80	21.60					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T03-C	1	8.23E+02		8.23E+02	8.18	6.80	21.60	10000	1000	1.79E+03	97%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T04-C	1	9.41E+02		9.41E+02	1.43	6.80	21.60					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T05-C	1	1.04E+03		1.04E+03	0.66	6.80	21.60					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T06-C	1	1.06E+03		1.06E+03	0.74	6.80	21.60					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T07-C	1	9.74E+02		9.74E+02	0.56	6.80	21.60					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T08-C	1	9.23E+02		9.23E+02	1.80	6.80	21.60					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T09-C	1	8.65E+02		8.65E+02	0.88	6.80	21.60					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	20.68	6.80	21.60					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-LRef-1314-T01-A	1	4.03E+01		4.03E+01	7.78	1.90	6.00					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T02-A	1	8.28E+00		8.28E+00	7.35	1.90	6.00					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T03-A	1	7.98E+00		7.98E+00	1.95	1.90	6.00	10000	1000	8.60E+02	85%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T04-A	1	1.29E+01		1.29E+01	1.54	1.90	6.00					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T05-A	1	1.14E+01		1.14E+01	8.05	1.90	6.00					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T06-A	1	1.45E+01		1.45E+01	3.47	1.90	6.00					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T07-A	1	1.32E+01		1.32E+01	9.00	1.90	6.00					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T08-A	1	1.33E+01		1.33E+01	3.00	1.90	6.00					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T09-A	1	8.76E+00		8.76E+00	1.82	1.90	6.00					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T01-B	1	4.25E+01		4.25E+01	6.48	1.90	6.00					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T02-B	1	8.20E+00		8.20E+00	1.05	1.90	6.00					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T03-B	1	1.31E+01		1.31E+01	1.38	1.90	6.00	10000	1000	8.70E+02	86%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T04-B	1	1.40E+01		1.40E+01	9.93	1.90	6.00					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T05-B	1	1.21E+01		1.21E+01	1.94	1.90	6.00					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T06-B	1	1.23E+01		1.23E+01	15.28	1.90	6.00					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T07-B	1	1.44E+01		1.44E+01	3.45	1.90	6.00					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T08-B	1	1.29E+01		1.29E+01	6.88	1.90	6.00					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T09-B	1	1.33E+01		1.33E+01	12.39	1.90	6.00					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T01-C	1	4.25E+01		4.25E+01	4.92	1.90	6.00					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T02-C	1	1.03E+01		1.03E+01	1.47	1.90	6.00					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T03-C	1	9.68E+00		9.68E+00	1.57	1.90	6.00	10000	1000	8.66E+02	86%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T04-C	1	1.27E+01		1.27E+01	2.26	1.90	6.00					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T05-C	1	1.28E+01		1.28E+01	1.37	1.90	6.00					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T06-C	1	1.33E+01		1.33E+01	1.49	1.90	6.00					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T07-C	1	1.40E+01		1.40E+01	1.08	1.90	6.00					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T08-C	1	7.14E+00		7.14E+00	1.01	1.90	6.00					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T09-C	1	1.55E+01		1.55E+01	9.51	1.90	6.00					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	35.25	1.90	6.00					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-LRef-1314-T01-A	1	1.90E+04		1.90E+04	0.69	2.00	6.40					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T02-A	1	9.25E+03		9.25E+03	1.20	2.00	6.40					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T03-A	1	7.12E+03		7.12E+03	0.34	2.00	6.40	10000	1000	8.10E+03	98%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T04-A	1	4.28E+03		4.28E+03	0.37	2.00	6.40					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T05-A	1	2.04E+03		2.04E+03	0.82	2.00	6.40					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T06-A	1	7.73E+02		7.73E+02	0.54	2.00	6.40					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T07-A	1	4.60E+02		4.60E+02	1.17	2.00	6.40					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T08-A	1	3.14E+02		3.14E+02	17.49	2.00	6.40					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T09-A	1	2.00E+02		2.00E+02	0.58	2.00	6.40					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T01-B	1	2.03E+04		2.03E+04	1.48	2.00	6.40					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T02-B	1	9.44E+03		9.44E+03	0.59	2.00	6.40					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T03-B	1	6.41E+03		6.41E+03	0.74	2.00	6.40	10000	1000	7.34E+03	93%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T04-B	1	4.26E+03		4.26E+03	1.15	2.00	6.40					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T05-B	1	1.77E+03		1.77E+03	8.81	2.00	6.40					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T06-B	1	8.12E+02		8.12E+02	1.94	2.00	6.40					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T07-B	1	4.66E+02		4.66E+02	0.97	2.00	6.40					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T08-B	1	3.19E+02		3.19E+02	0.66	2.00	6.40					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T09-B	1	2.52E+02		2.52E+02	0.26	2.00	6.40					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T01-C	1	1.91E+04		1.91E+04	0.27	2.00	6.40					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T02-C	1	9.04E+03		9.04E+03	1.62	2.00	6.40					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T03-C	1	6.70E+03		6.70E+03	3.73	2.00	6.40	10000	1000	7.64E+03	94%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T04-C	1	4.87E+03		4.87E+03	1.06	2.00	6.40					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T05-C	1	1.72E+03		1.72E+03	0.84	2.00	6.40					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T06-C	1	6.89E+02		6.89E+02	1.67	2.00	6.40					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T07-C	1	4.30E+02		4.30E+02	1.68	2.00	6.40					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T08-C	1	2.51E+02		2.51E+02	1.53	2.00	6.40					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T09-C	1	2.41E+02		2.41E+02	0.30	2.00	6.40					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	8.62	2.00	6.40					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-LRef-1314-T01-A	1	2.01E+06		2.01E+06	1.14	1.00	3.18					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T02-A	1	5.23E+05		5.23E+05	0.79	1.00	3.18					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T03-A	1	1.21E+05		1.21E+05	0.40	1.00	3.18	10000	1000	1.22E+05	90%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T04-A	1	3.00E+04		3.00E+04	0.42	1.00	3.18					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T05-A	1	1.39E+04		1.39E+04	0.67	1.00	3.18					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T06-A	1	1.18E+04		1.18E+04	1.28	1.00	3.18					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T07-A	1	1.01E+04		1.01E+04	1.20	1.00	3.18					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T08-A	1	7.11E+03		7.11E+03	2.37	1.00	3.18					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T09-A	1	5.09E+03		5.09E+03	0.50	1.00	3.18					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T01-B	1	1.99E+06		1.99E+06	1.90	1.00	3.18					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T02-B	1	5.08E+05		5.08E+05	0.25	1.00	3.18					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T03-B	1	1.04E+05		1.04E+05	0.26	1.00	3.18	10000	1000	1.05E+05	92%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T04-B	1	2.86E+04		2.86E+04	0.82	1.00	3.18					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T05-B	1	1.70E+04		1.70E+04	2.91	1.00	3.18					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T06-B	1	1.17E+04		1.17E+04	2.82	1.00	3.18					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T07-B	1	1.09E+04		1.09E+04	0.50	1.00	3.18					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T08-B	1	5.10E+03		5.10E+03	0.26	1.00	3.18					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T09-B	1	4.83E+03		4.83E+03	0.94	1.00	3.18					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T01-C	1	2.11E+06		2.11E+06	0.23	1.00	3.18					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T02-C	1	4.37E+05		4.37E+05	0.92	1.00	3.18					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T03-C	1	1.48E+05		1.48E+05	3.19	1.00	3.18	10000	1000	1.49E+05	95%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T04-C	1	2.89E+04		2.89E+04	0.58	1.00	3.18					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T05-C	1	1.55E+04		1.55E+04	0.99	1.00	3.18					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T06-C	1	1.16E+04		1.16E+04	0.60	1.00	3.18					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T07-C	1	9.02E+03		9.02E+03	0.64	1.00	3.18					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T08-C	1	5.76E+03		5.76E+03	1.14	1.00	3.18					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T09-C	1	4.33E+03		4.33E+03	0.26	1.00	3.18					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	34.34	1.00	3.18					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-LRef-1314-T01-A	1	2.66E+01		2.66E+01	0.83	1.20	3.82					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T02-A	1	1.55E+01		1.55E+01	2.30	1.20	3.82					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T03-A	1	7.13E+00		7.13E+00	1.71	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T04-A	1	6.93E+00		6.93E+00	9.66	1.20	3.82					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T05-A	1	8.38E+00		8.38E+00	10.78	1.20	3.82					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T06-A	1	9.04E+00		9.04E+00	1.40	1.20	3.82					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T07-A	1	7.14E+00		7.14E+00	2.58	1.20	3.82					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T08-A	1	6.29E+00		6.29E+00	2.40	1.20	3.82					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T09-A	1	6.60E+00		6.60E+00	9.63	1.20	3.82					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T01-B	1	2.25E+01		2.25E+01	3.90	1.20	3.82					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T02-B	1	1.65E+01		1.65E+01	5.98	1.20	3.82					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T03-B	1	7.11E+00		7.11E+00	1.61	1.20	3.82	10000	1000	1.02E+03	101%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T04-B	1	6.55E+00		6.55E+00	2.67	1.20	3.82					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T05-B	1	5.83E+00		5.83E+00	2.61	1.20	3.82					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T06-B	1	6.32E+00		6.32E+00	4.21	1.20	3.82					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T07-B	1	7.80E+00		7.80E+00	2.12	1.20	3.82					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T08-B	1	7.34E+00		7.34E+00	1.45	1.20	3.82					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T09-B	1	7.44E+00		7.44E+00	2.13	1.20	3.82					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T01-C	1	2.58E+01		2.58E+01	5.17	1.20	3.82					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T02-C	1	1.60E+01		1.60E+01	1.29	1.20	3.82					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T03-C	1	6.71E+00		6.71E+00	2.23	1.20	3.82	10000	1000	1.01E+03	100%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T04-C	1	7.23E+00		7.23E+00	11.88	1.20	3.82					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T05-C	1	8.43E+00		8.43E+00	1.29	1.20	3.82					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T06-C	1	8.32E+00		8.32E+00	4.36	1.20	3.82					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T07-C	1	8.13E+00		8.13E+00	1.79	1.20	3.82					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T08-C	1	7.54E+00		7.54E+00	1.44	1.20	3.82					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T09-C	1	7.81E+00		7.81E+00	1.66	1.20	3.82					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	17.78	1.20	3.82					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-LRef-1314-T01-A	1	1.06E+03		1.06E+03	0.77	1.80	5.70					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T02-A	1	6.47E+02		6.47E+02	0.81	1.80	5.70					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T03-A	1	4.38E+02		4.38E+02	0.60	1.80	5.70	10000	1000	1.51E+03	107%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T04-A	1	5.35E+02		5.35E+02	3.52	1.80	5.70					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T05-A	1	5.41E+02		5.41E+02	0.68	1.80	5.70					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T06-A	1	3.32E+02		3.32E+02	0.92	1.80	5.70					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T07-A	1	1.83E+02		1.83E+02	0.93	1.80	5.70					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T08-A	1	1.04E+02		1.04E+02	1.54	1.80	5.70					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T09-A	1	7.63E+01		7.63E+01	1.90	1.80	5.70					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T01-B	1	1.09E+03		1.09E+03	2.28	1.80	5.70					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T02-B	1	6.54E+02		6.54E+02	1.03	1.80	5.70					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T03-B	1	4.13E+02		4.13E+02	1.12	1.80	5.70	10000	1000	1.52E+03	111%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T04-B	1	5.28E+02		5.28E+02	0.58	1.80	5.70					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T05-B	1	5.09E+02		5.09E+02	1.64	1.80	5.70					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T06-B	1	3.05E+02		3.05E+02	1.76	1.80	5.70					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T07-B	1	1.76E+02		1.76E+02	0.18	1.80	5.70					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T08-B	1	1.02E+02		1.02E+02	0.63	1.80	5.70					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T09-B	1	7.61E+01		7.61E+01	1.80	1.80	5.70					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T01-C	1	1.16E+03		1.16E+03	0.49	1.80	5.70					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T02-C	1	6.38E+02		6.38E+02	0.94	1.80	5.70					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T03-C	1	3.94E+02		3.94E+02	3.65	1.80	5.70	10000	1000	1.46E+03	107%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T04-C	1	5.53E+02		5.53E+02	0.97	1.80	5.70					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T05-C	1	4.87E+02		4.87E+02	0.51	1.80	5.70					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T06-C	1	2.93E+02		2.93E+02	0.66	1.80	5.70					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T07-C	1	1.74E+02		1.74E+02	1.51	1.80	5.70					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T08-C	1	1.04E+02		1.04E+02	1.41	1.80	5.70					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T09-C	1	7.26E+01		7.26E+01	3.01	1.80	5.70					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	30.14	1.80	5.70					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-LRef-1314-T01-A	1	4.30E+01		4.30E+01	42.14	3.70	11.80					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T02-A	1	2.75E+01		2.75E+01	26.68	3.70	11.80					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T03-A	1	2.42E+01		2.42E+01	28.25	3.70	11.80	10000	1000	9.77E+02	95%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T04-A	1	2.11E+01		2.11E+01	14.53	3.70	11.80					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T05-A	1	2.22E+01		2.22E+01	49.66	3.70	11.80					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T06-A	1	1.89E+01		1.89E+01	37.70	3.70	11.80					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T07-A	1	2.39E+01		2.39E+01	38.25	3.70	11.80					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T08-A	1	1.88E+01		1.88E+01	65.74	3.70	11.80					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T09-A	1	1.38E+01		1.38E+01	12.69	3.70	11.80					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T01-B	1	4.28E+01		4.28E+01	33.33	3.70	11.80					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T02-B	1	3.44E+01		3.44E+01	27.15	3.70	11.80					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T03-B	1	2.55E+01		2.55E+01	23.20	3.70	11.80	10000	1000	9.98E+02	97%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T04-B	1	2.01E+01		2.01E+01	54.99	3.70	11.80					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T05-B	1	1.86E+01		1.86E+01	11.62	3.70	11.80					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T06-B	1	1.93E+01		1.93E+01	21.64	3.70	11.80					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T07-B	1	2.04E+01		2.04E+01	17.78	3.70	11.80					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T08-B	1	1.48E+01		1.48E+01	44.57	3.70	11.80					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T09-B	1	1.59E+01		1.59E+01	29.13	3.70	11.80					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T01-C	1	4.37E+01		4.37E+01	35.51	3.70	11.80					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T02-C	1	2.87E+01		2.87E+01	48.87	3.70	11.80					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T03-C	1	2.45E+01		2.45E+01	23.87	3.70	11.80	10000	1000	9.87E+02	96%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T04-C	1	2.22E+01		2.22E+01	83.82	3.70	11.80					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T05-C	1	1.95E+01		1.95E+01	66.42	3.70	11.80					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T06-C	1	1.86E+01		1.86E+01	56.42	3.70	11.80					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T07-C	1	2.20E+01		2.20E+01	46.21	3.70	11.80					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T08-C	1	1.72E+01		1.72E+01	29.29	3.70	11.80					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T09-C	1	2.19E+01		2.19E+01	42.85	3.70	11.80					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	24.91	3.70	11.80					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-LRef-1314-T01-A	1	1.33E+05		1.33E+05	0.93	1.60	5.09					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T02-A	1	5.14E+04		5.14E+04	0.99	1.60	5.09					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T03-A	1	2.17E+04		2.17E+04	0.47	1.60	5.09	10000	1000	2.25E+04	86%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T04-A	1	2.21E+04		2.21E+04	0.27	1.60	5.09					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T05-A	1	1.54E+04		1.54E+04	0.49	1.60	5.09					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T06-A	1	7.60E+03		7.60E+03	0.59	1.60	5.09					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T07-A	1	4.35E+03		4.35E+03	0.50	1.60	5.09					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T08-A	1	2.58E+03		2.58E+03	1.52	1.60	5.09					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T09-A	1	1.63E+03		1.63E+03	0.81	1.60	5.09					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T01-B	1	1.30E+05		1.30E+05	4.31	1.60	5.09					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T02-B	1	5.17E+04		5.17E+04	0.23	1.60	5.09					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T03-B	1	2.36E+04		2.36E+04	0.77	1.60	5.09	10000	1000	2.45E+04	89%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T04-B	1	2.28E+04		2.28E+04	0.47	1.60	5.09					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T05-B	1	1.34E+04		1.34E+04	1.81	1.60	5.09					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T06-B	1	6.89E+03		6.89E+03	2.55	1.60	5.09					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T07-B	1	4.30E+03		4.30E+03	0.54	1.60	5.09					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T08-B	1	2.54E+03		2.54E+03	0.51	1.60	5.09					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T09-B	1	1.95E+03		1.95E+03	0.53	1.60	5.09					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T01-C	1	1.29E+05		1.29E+05	0.33	1.60	5.09					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T02-C	1	5.10E+04		5.10E+04	1.21	1.60	5.09					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T03-C	1	2.16E+04		2.16E+04	2.16	1.60	5.09	10000	1000	2.26E+04	92%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T04-C	1	2.15E+04		2.15E+04	1.35	1.60	5.09					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T05-C	1	1.37E+04		1.37E+04	0.56	1.60	5.09					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T06-C	1	6.93E+03		6.93E+03	0.67	1.60	5.09					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T07-C	1	4.19E+03		4.19E+03	0.69	1.60	5.09					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T08-C	1	2.96E+03		2.96E+03	1.47	1.60	5.09					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T09-C	1	1.76E+03		1.76E+03	0.36	1.60	5.09					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-B01-A	1	9.93E+00		9.93E+00	4.84	1.60	5.09					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-LRef-1314-T01-A	1	1.91E+03		1.91E+03	1.33	15.00	47.70					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T02-A	1	2.97E+02		2.97E+02	5.11	15.00	47.70					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T03-A	1	6.54E+01		6.54E+01	1.23	15.00	47.70	10000	1000	1.12E+03	106%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T04-A	1	4.67E+01	E	4.67E+01	4.35	15.00	47.70					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T05-A	1	3.19E+01	E	3.19E+01	39.20	15.00	47.70					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T06-A	1	1.63E+01	E	1.63E+01	31.35	15.00	47.70					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T07-A	1	2.02E+01	E	2.02E+01	3.98	15.00	47.70					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	10.27	15.00	47.70					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	32.39	15.00	47.70					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T01-B	1	1.74E+03		1.74E+03	3.47	15.00	47.70					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T02-B	1	3.38E+02		3.38E+02	5.66	15.00	47.70					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T03-B	1	7.03E+01		7.03E+01	13.98	15.00	47.70	10000	1000	1.17E+03	110%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T04-B	1	5.16E+01		5.16E+01	1.09	15.00	47.70					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T05-B	1	3.76E+01	E	3.76E+01	3.73	15.00	47.70					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T06-B	1	2.12E+01	E	2.12E+01	7.54	15.00	47.70					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T07-B	1	1.80E+01	E	1.80E+01	33.15	15.00	47.70					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	12.35	15.00	47.70					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	27.64	15.00	47.70					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T01-C	1	1.77E+03		1.77E+03	0.63	15.00	47.70					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T02-C	1	3.18E+02		3.18E+02	3.33	15.00	47.70					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T03-C	1	7.90E+01		7.90E+01	5.17	15.00	47.70	10000	1000	1.15E+03	108%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T04-C	1	4.70E+01	E	4.70E+01	10.70	15.00	47.70					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T05-C	1	3.72E+01	E	3.72E+01	12.52	15.00	47.70					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T06-C	1	2.60E+01	E	2.60E+01	38.42	15.00	47.70					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T07-C	1	2.29E+01	E	2.29E+01	18.25	15.00	47.70					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	36.04	15.00	47.70					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	25.62	15.00	47.70					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	20.25	15.00	47.70					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-LRef-1314-T01-A	1	8.26E+03		8.26E+03	0.67	1.10	3.50					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T02-A	1	6.67E+03		6.67E+03	0.65	1.10	3.50					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T03-A	1	6.59E+03		6.59E+03	0.63	1.10	3.50	10000	1000	7.65E+03	107%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T04-A	1	7.06E+03		7.06E+03	0.13	1.10	3.50					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T05-A	1	7.05E+03		7.05E+03	1.05	1.10	3.50					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T06-A	1	6.13E+03		6.13E+03	1.41	1.10	3.50					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T07-A	1	5.40E+03		5.40E+03	1.72	1.10	3.50					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T08-A	1	4.72E+03		4.72E+03	7.18	1.10	3.50					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T09-A	1	4.59E+03		4.59E+03	0.56	1.10	3.50					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T01-B	1	7.54E+03		7.54E+03	2.87	1.10	3.50					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T02-B	1	6.38E+03		6.38E+03	0.10	1.10	3.50					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T03-B	1	7.27E+03		7.27E+03	0.53	1.10	3.50	10000	1000	8.24E+03	97%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T04-B	1	7.29E+03		7.29E+03	0.69	1.10	3.50					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T05-B	1	6.50E+03		6.50E+03	9.32	1.10	3.50					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T06-B	1	5.42E+03		5.42E+03	2.24	1.10	3.50					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T07-B	1	5.52E+03		5.52E+03	0.68	1.10	3.50					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T08-B	1	4.62E+03		4.62E+03	0.43	1.10	3.50					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T09-B	1	4.50E+03		4.50E+03	0.68	1.10	3.50					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T01-C	1	7.36E+03		7.36E+03	0.45	1.10	3.50					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T02-C	1	6.68E+03		6.68E+03	1.76	1.10	3.50					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T03-C	1	6.88E+03		6.88E+03	6.85	1.10	3.50	10000	1000	7.85E+03	98%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T04-C	1	6.96E+03		6.96E+03	1.35	1.10	3.50					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T05-C	1	6.43E+03		6.43E+03	1.21	1.10	3.50					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T06-C	1	5.79E+03		5.79E+03	0.02	1.10	3.50					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T07-C	1	5.30E+03		5.30E+03	0.92	1.10	3.50					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T08-C	1	4.51E+03		4.51E+03	1.17	1.10	3.50					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T09-C	1	4.41E+03		4.41E+03	0.37	1.10	3.50					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	5.21	1.10	3.50					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-LRef-1314-T01-A	1	3.23E+05		3.23E+05	0.38	2.50	8.00					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T02-A	1	6.61E+04		6.61E+04	0.41	2.50	8.00					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T03-A	1	8.18E+03		8.18E+03	0.45	2.50	8.00	10000	1000	9.10E+03	92%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T04-A	1	4.41E+03		4.41E+03	0.72	2.50	8.00					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T05-A	1	3.06E+03		3.06E+03	0.34	2.50	8.00					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T06-A	1	1.89E+03		1.89E+03	0.64	2.50	8.00					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T07-A	1	1.39E+03		1.39E+03	1.12	2.50	8.00					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T08-A	1	1.01E+03		1.01E+03	3.95	2.50	8.00					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T09-A	1	8.13E+02		8.13E+02	0.55	2.50	8.00					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T01-B	1	3.23E+05		3.23E+05	2.93	2.50	8.00					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T02-B	1	6.13E+04		6.13E+04	0.10	2.50	8.00					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T03-B	1	9.67E+03		9.67E+03	2.21	2.50	8.00	10000	1000	1.06E+04	90%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T04-B	1	4.52E+03		4.52E+03	0.59	2.50	8.00					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T05-B	1	2.88E+03		2.88E+03	7.37	2.50	8.00					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T06-B	1	1.54E+03		1.54E+03	0.37	2.50	8.00					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T07-B	1	1.30E+03		1.30E+03	2.06	2.50	8.00					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T08-B	1	1.02E+03		1.02E+03	0.37	2.50	8.00					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T09-B	1	7.98E+02		7.98E+02	0.39	2.50	8.00					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T01-C	1	3.14E+05		3.14E+05	0.44	2.50	8.00					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T02-C	1	7.58E+04		7.58E+04	1.06	2.50	8.00					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T03-C	1	8.56E+03		8.56E+03	1.56	2.50	8.00	10000	1000	9.50E+03	94%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T04-C	1	4.33E+03		4.33E+03	1.49	2.50	8.00					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T05-C	1	3.06E+03		3.06E+03	0.38	2.50	8.00					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T06-C	1	1.91E+03		1.91E+03	1.39	2.50	8.00					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T07-C	1	1.36E+03		1.36E+03	0.49	2.50	8.00					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T08-C	1	9.56E+02		9.56E+02	0.23	2.50	8.00					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T09-C	1	8.12E+02		8.12E+02	1.27	2.50	8.00					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-B01-A	1	1.25E+00	U1/2	1.25E+00	1.23	2.50	8.00					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-LRef-1314-T01-A	1	5.51E+03		5.51E+03	0.85	1.00	3.18					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T02-A	1	4.24E+03		4.24E+03	0.95	1.00	3.18					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T03-A	1	3.95E+03		3.95E+03	0.84	1.00	3.18	10000	1000	4.97E+03	103%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T04-A	1	3.39E+03		3.39E+03	0.44	1.00	3.18					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T05-A	1	2.56E+03		2.56E+03	1.14	1.00	3.18					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T06-A	1	1.99E+03		1.99E+03	1.12	1.00	3.18					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T07-A	1	1.68E+03		1.68E+03	1.31	1.00	3.18					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T08-A	1	1.47E+03		1.47E+03	7.04	1.00	3.18					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T09-A	1	1.30E+03		1.30E+03	0.56	1.00	3.18					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T01-B	1	5.28E+03		5.28E+03	3.16	1.00	3.18					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T02-B	1	3.91E+03		3.91E+03	1.38	1.00	3.18					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T03-B	1	3.76E+03		3.76E+03	0.27	1.00	3.18	10000	1000	4.77E+03	101%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T04-B	1	3.12E+03		3.12E+03	1.11	1.00	3.18					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T05-B	1	2.29E+03		2.29E+03	9.17	1.00	3.18					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T06-B	1	1.95E+03		1.95E+03	2.69	1.00	3.18					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T07-B	1	1.69E+03		1.69E+03	0.16	1.00	3.18					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T08-B	1	1.44E+03		1.44E+03	0.32	1.00	3.18					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T09-B	1	1.31E+03		1.31E+03	1.30	1.00	3.18					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T01-C	1	5.24E+03		5.24E+03	0.74	1.00	3.18					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T02-C	1	4.06E+03		4.06E+03	1.40	1.00	3.18					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T03-C	1	3.76E+03		3.76E+03	2.40	1.00	3.18	10000	1000	4.78E+03	102%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T04-C	1	3.09E+03		3.09E+03	2.93	1.00	3.18					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T05-C	1	2.30E+03		2.30E+03	0.84	1.00	3.18					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T06-C	1	1.86E+03		1.86E+03	0.18	1.00	3.18					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T07-C	1	1.64E+03		1.64E+03	1.16	1.00	3.18					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T08-C	1	1.40E+03		1.40E+03	1.00	1.00	3.18					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T09-C	1	1.29E+03		1.29E+03	1.09	1.00	3.18					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	45.95	1.00	3.18					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-LRef-1314-T01-A	1	2.16E+06		2.16E+06	0.68	6.80	21.60					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T02-A	1	1.02E+06		1.02E+06	1.11	6.80	21.60					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T03-A	1	6.41E+05		6.41E+05	0.32	6.80	21.60	10000	1000	6.42E+05	89%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T04-A	1	5.73E+05		5.73E+05	0.10	6.80	21.60					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T05-A	1	5.82E+05		5.82E+05	0.50	6.80	21.60					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T06-A	1	5.64E+05		5.64E+05	0.65	6.80	21.60					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T07-A	1	5.36E+05		5.36E+05	0.51	6.80	21.60					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T08-A	1	4.87E+05		4.87E+05	1.66	6.80	21.60					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T09-A	1	4.80E+05		4.80E+05	0.71	6.80	21.60					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T01-B	1	2.10E+06		2.10E+06	4.00	6.80	21.60					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T02-B	1	1.05E+06		1.05E+06	0.26	6.80	21.60					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T03-B	1	6.37E+05		6.37E+05	0.92	6.80	21.60	10000	1000	6.38E+05	90%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T04-B	1	5.74E+05		5.74E+05	0.34	6.80	21.60					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T05-B	1	5.55E+05		5.55E+05	1.57	6.80	21.60					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T06-B	1	5.40E+05		5.40E+05	2.87	6.80	21.60					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T07-B	1	5.44E+05		5.44E+05	0.23	6.80	21.60					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T08-B	1	5.31E+05		5.31E+05	0.70	6.80	21.60					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T09-B	1	5.28E+05		5.28E+05	0.77	6.80	21.60					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T01-C	1	2.13E+06		2.13E+06	0.17	6.80	21.60					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T02-C	1	1.02E+06		1.02E+06	1.65	6.80	21.60					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T03-C	1	6.29E+05		6.29E+05	7.64	6.80	21.60	10000	1000	6.30E+05	86%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T04-C	1	5.70E+05		5.70E+05	1.29	6.80	21.60					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T05-C	1	5.45E+05		5.45E+05	0.43	6.80	21.60					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T06-C	1	5.39E+05		5.39E+05	0.81	6.80	21.60					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T07-C	1	5.30E+05		5.30E+05	0.46	6.80	21.60					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T08-C	1	5.50E+05		5.50E+05	1.34	6.80	21.60					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T09-C	1	5.34E+05		5.34E+05	0.23	6.80	21.60					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	10.90	6.80	21.60					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-LRef-1314-T01-A	1	1.79E+03		1.79E+03	1.22	4.60	14.60					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T02-A	1	8.57E+02		8.57E+02	1.71	4.60	14.60					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T03-A	1	5.40E+02		5.40E+02	1.09	4.60	14.60	10000	1000	1.62E+03	108%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T04-A	1	5.16E+02		5.16E+02	0.46	4.60	14.60					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T05-A	1	4.08E+02		4.08E+02	1.21	4.60	14.60					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T06-A	1	2.60E+02		2.60E+02	0.51	4.60	14.60					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T07-A	1	1.75E+02		1.75E+02	1.79	4.60	14.60					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T08-A	1	1.24E+02		1.24E+02	1.36	4.60	14.60					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T09-A	1	9.97E+01		9.97E+01	2.74	4.60	14.60					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T01-B	1	1.70E+03		1.70E+03	3.57	4.60	14.60					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T02-B	1	8.44E+02		8.44E+02	1.01	4.60	14.60					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T03-B	1	6.74E+02		6.74E+02	1.59	4.60	14.60	10000	1000	1.69E+03	101%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T04-B	1	5.36E+02		5.36E+02	0.42	4.60	14.60					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T05-B	1	3.65E+02		3.65E+02	1.54	4.60	14.60					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T06-B	1	2.22E+02		2.22E+02	2.50	4.60	14.60					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T07-B	1	1.79E+02		1.79E+02	1.20	4.60	14.60					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T08-B	1	1.04E+02		1.04E+02	4.79	4.60	14.60					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T09-B	1	1.03E+02		1.03E+02	1.55	4.60	14.60					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T01-C	1	1.85E+03		1.85E+03	0.15	4.60	14.60					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T02-C	1	9.47E+02		9.47E+02	1.12	4.60	14.60					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T03-C	1	5.46E+02		5.46E+02	1.28	4.60	14.60	10000	1000	1.60E+03	105%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T04-C	1	5.05E+02		5.05E+02	0.70	4.60	14.60					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T05-C	1	3.69E+02		3.69E+02	1.53	4.60	14.60					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T06-C	1	2.36E+02		2.36E+02	0.75	4.60	14.60					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T07-C	1	1.72E+02		1.72E+02	1.70	4.60	14.60					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T08-C	1	1.20E+02		1.20E+02	3.91	4.60	14.60					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T09-C	1	9.47E+01		9.47E+01	3.30	4.60	14.60					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	4.49	4.60	14.60					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-LRef-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	58.02	2.00	6.40					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	9.57	2.00	6.40					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	30.91	2.00	6.40	10000	1000	1.01E+03	101%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	47.32	2.00	6.40					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	17.21	2.00	6.40					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	18.65	2.00	6.40					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	31.45	2.00	6.40					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	10.08	2.00	6.40					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	94.31	2.00	6.40					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	58.29	2.00	6.40					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	524.33	2.00	6.40					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	76.01	2.00	6.40	10000	1000	1.01E+03	101%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	13.16	2.00	6.40					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	81.76	2.00	6.40					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	37.59	2.00	6.40					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	42.56	2.00	6.40					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	57.16	2.00	6.40					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	70.25	2.00	6.40					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	69.63	2.00	6.40					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	42.24	2.00	6.40					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	71.47	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	60.45	2.00	6.40					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	94.55	2.00	6.40					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	28.08	2.00	6.40					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	71.47	2.00	6.40					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	21.55	2.00	6.40					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	49.34	2.00	6.40					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	17.72	2.00	6.40					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-LRef-1314-T01-A	1	2.00E+01		2.00E+01	3.79	1.50	4.77					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T02-A	1	3.32E+01		3.32E+01	2.82	1.50	4.77					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T03-A	1	3.05E+01		3.05E+01	2.03	1.50	4.77	10000	1000	1.03E+03	100%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T04-A	1	4.07E+01		4.07E+01	1.07	1.50	4.77					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T05-A	1	4.23E+01		4.23E+01	2.84	1.50	4.77					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T06-A	1	4.26E+01		4.26E+01	1.61	1.50	4.77					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T07-A	1	4.07E+01		4.07E+01	4.06	1.50	4.77					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T08-A	1	3.99E+01		3.99E+01	1.15	1.50	4.77					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T09-A	1	3.87E+01		3.87E+01	3.08	1.50	4.77					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T01-B	1	1.94E+01		1.94E+01	6.27	1.50	4.77					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T02-B	1	2.62E+01		2.62E+01	3.03	1.50	4.77					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T03-B	1	3.68E+01		3.68E+01	1.67	1.50	4.77	10000	1000	1.03E+03	100%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T04-B	1	4.04E+01		4.04E+01	0.92	1.50	4.77					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T05-B	1	3.76E+01		3.76E+01	16.31	1.50	4.77					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T06-B	1	4.20E+01		4.20E+01	2.34	1.50	4.77					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T07-B	1	4.20E+01		4.20E+01	1.53	1.50	4.77					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T08-B	1	4.17E+01		4.17E+01	2.69	1.50	4.77					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T09-B	1	3.97E+01		3.97E+01	1.86	1.50	4.77					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T01-C	1	2.44E+01		2.44E+01	6.78	1.50	4.77					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T02-C	1	3.65E+01		3.65E+01	3.37	1.50	4.77					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T03-C	1	2.12E+01		2.12E+01	5.78	1.50	4.77	10000	1000	1.03E+03	101%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T04-C	1	3.93E+01		3.93E+01	1.76	1.50	4.77					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T05-C	1	3.93E+01		3.93E+01	2.57	1.50	4.77					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T06-C	1	3.99E+01		3.99E+01	1.70	1.50	4.77					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T07-C	1	4.12E+01		4.12E+01	4.04	1.50	4.77					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T08-C	1	4.04E+01		4.04E+01	1.02	1.50	4.77					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T09-C	1	3.86E+01		3.86E+01	1.13	1.50	4.77					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	29.86	1.50	4.77					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-LRef-1314-T01-A	1	6.61E+04		6.61E+04	0.09	1.00	3.18					VU ICP-OES	8/29/11 3:12 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T02-A	1	3.11E+04		3.11E+04	1.02	1.00	3.18					VU ICP-OES	8/29/11 11:17 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T03-A	1	3.38E+04		3.38E+04	0.70	1.00	3.18	10000	1000	3.47E+04	92%	VU ICP-OES	8/29/11 11:19 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T04-A	1	4.30E+04		4.30E+04	1.77	1.00	3.18					VU ICP-OES	8/29/11 3:17 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T05-A	1	4.35E+04		4.35E+04	0.73	1.00	3.18					VU ICP-OES	8/29/11 3:18 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T06-A	1	3.95E+04		3.95E+04	0.88	1.00	3.18					VU ICP-OES	8/29/11 3:20 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T07-A	1	2.83E+04		2.83E+04	1.53	1.00	3.18					VU ICP-OES	8/29/11 3:22 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T08-A	1	1.95E+04		1.95E+04	6.34	1.00	3.18					VU ICP-OES	8/29/11 3:23 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T09-A	1	1.66E+04		1.66E+04	2.21	1.00	3.18					VU ICP-OES	8/29/11 11:21 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T01-B	1	5.89E+04		5.89E+04	19.30	1.00	3.18					VU ICP-OES	8/29/11 3:26 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T02-B	1	3.05E+04		3.05E+04	0.34	1.00	3.18					VU ICP-OES	8/29/11 11:22 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T03-B	1	3.38E+04		3.38E+04	0.55	1.00	3.18	10000	1000	3.47E+04	92%	VU ICP-OES	8/29/11 3:30 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T04-B	1	4.10E+04		4.10E+04	0.51	1.00	3.18					VU ICP-OES	8/29/11 3:31 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T05-B	1	4.05E+04		4.05E+04	8.82	1.00	3.18					VU ICP-OES	8/29/11 3:33 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T06-B	1	3.61E+04		3.61E+04	2.24	1.00	3.18					VU ICP-OES	8/29/11 3:35 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T07-B	1	2.84E+04		2.84E+04	0.52	1.00	3.18					VU ICP-OES	8/29/11 3:36 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T08-B	1	2.14E+04		2.14E+04	0.09	1.00	3.18					VU ICP-OES	8/29/11 11:24 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T09-B	1	1.53E+04		1.53E+04	0.66	1.00	3.18					VU ICP-OES	8/29/11 3:40 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T01-C	1	6.22E+04		6.22E+04	0.86	1.00	3.18					VU ICP-OES	8/29/11 11:26 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T02-C	1	3.32E+04		3.32E+04	1.08	1.00	3.18					VU ICP-OES	8/29/11 3:50 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T03-C	1	3.18E+04		3.18E+04	3.72	1.00	3.18	10000	1000	3.27E+04	87%	VU ICP-OES	8/29/11 11:39 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T04-C	1	4.21E+04		4.21E+04	1.45	1.00	3.18					VU ICP-OES	8/29/11 3:53 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T05-C	1	4.54E+04		4.54E+04	0.91	1.00	3.18					VU ICP-OES	8/29/11 3:54 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T06-C	1	3.46E+04		3.46E+04	0.95	1.00	3.18					VU ICP-OES	8/29/11 3:56 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T07-C	1	2.61E+04		2.61E+04	0.76	1.00	3.18					VU ICP-OES	8/29/11 3:58 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T08-C	1	1.87E+04		1.87E+04	1.97	1.00	3.18					VU ICP-OES	8/29/11 11:48 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T09-C	1	1.49E+04		1.49E+04	1.04	1.00	3.18					VU ICP-OES	8/29/11 4:01 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	11.50	1.00	3.18					VU ICP-OES	8/29/11 3:10 PM	EPA Interlab LRef 1314 CFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-LRef-1314-T01-D	1	5.27E+01		5.27E+01	4.60	1.00	3.18					VU ICP-OES	3/7/12 3:14 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T02-D	1	4.85E+01		4.85E+01	6.46	1.00	3.18					VU ICP-OES	3/7/12 3:16 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T03-D	1	4.02E+01		4.02E+01	8.53	1.00	3.18	10000	1000	1.00E+03	96%	VU ICP-OES	3/7/12 3:18 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T04-D	1	4.36E+01		4.36E+01	2.40	1.00	3.18					VU ICP-OES	3/7/12 3:19 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T05-D	1	3.93E+01		3.93E+01	2.32	1.00	3.18					VU ICP-OES	3/7/12 3:21 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T06-D	1	3.62E+01		3.62E+01	4.27	1.00	3.18					VU ICP-OES	3/7/12 3:23 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T07-D	1	3.44E+01		3.44E+01	8.80	1.00	3.18					VU ICP-OES	3/7/12 3:24 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T08-D	1	3.63E+01		3.63E+01	2.45	1.00	3.18					VU ICP-OES	3/7/12 3:26 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T09-D	1	3.55E+01		3.55E+01	3.85	1.00	3.18					VU ICP-OES	3/7/12 3:28 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T01-E	1	4.97E+01		4.97E+01	3.42	1.00	3.18					VU ICP-OES	3/7/12 3:33 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T02-E	1	4.56E+01		4.56E+01	4.88	1.00	3.18					VU ICP-OES	3/7/12 3:34 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T03-E	1	3.97E+01		3.97E+01	5.63	1.00	3.18	10000	1000	1.11E+03	107%	VU ICP-OES	3/7/12 3:36 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T04-E	1	4.22E+01		4.22E+01	2.53	1.00	3.18					VU ICP-OES	3/7/12 3:38 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T05-E	1	3.90E+01		3.90E+01	9.13	1.00	3.18					VU ICP-OES	3/7/12 3:39 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T06-E	1	3.59E+01		3.59E+01	4.76	1.00	3.18					VU ICP-OES	3/7/12 3:41 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T07-E	1	3.62E+01		3.62E+01	2.29	1.00	3.18					VU ICP-OES	3/7/12 3:43 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T08-E	1	3.61E+01		3.61E+01	6.19	1.00	3.18					VU ICP-OES	3/7/12 3:44 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T09-E	1	3.58E+01		3.58E+01	6.22	1.00	3.18					VU ICP-OES	3/7/12 3:46 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T01-F	1	5.06E+01		5.06E+01	3.78	1.00	3.18					VU ICP-OES	3/7/12 3:48 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T02-F	1	4.80E+01		4.80E+01	1.46	1.00	3.18					VU ICP-OES	3/7/12 3:49 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T03-F	1	4.16E+01		4.16E+01	2.29	1.00	3.18	10000	1000	1.03E+03	99%	VU ICP-OES	3/7/12 3:51 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T04-F	1	4.48E+01		4.48E+01	2.73	1.00	3.18					VU ICP-OES	3/7/12 3:53 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T05-F	1	3.90E+01		3.90E+01	4.83	1.00	3.18					VU ICP-OES	3/7/12 3:54 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T06-F	1	3.69E+01		3.69E+01	5.42	1.00	3.18					VU ICP-OES	3/7/12 3:56 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T07-F	1	3.40E+01		3.40E+01	1.09	1.00	3.18					VU ICP-OES	3/7/12 3:58 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T08-F	1	3.55E+01		3.55E+01	5.24	1.00	3.18					VU ICP-OES	3/7/12 3:59 PM	EPA Interlab LRef 1314 CFS
Al	CFS-LRef-1314-T09-F	1	3.58E+01		3.58E+01	1.13	1.00	3.18					VU ICP-OES	3/7/12 4:01 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-LRef-1314-T01-D	1	7.74E+01		7.74E+01	8.84	7.50	23.90					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T02-D	1	3.78E+01		3.78E+01	1.56	7.50	23.90					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T03-D	1	3.25E+01		3.25E+01	4.21	7.50	23.90	10000	1000	1.01E+03	97%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T04-D	1	2.84E+01		2.84E+01	3.37	7.50	23.90					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T05-D	1	2.45E+01		2.45E+01	2.69	7.50	23.90					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T06-D	1	3.16E+01		3.16E+01	0.33	7.50	23.90					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T07-D	1	2.94E+01		2.94E+01	2.69	7.50	23.90					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T08-D	1	2.49E+01		2.49E+01	1.61	7.50	23.90					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T09-D	1	2.67E+01		2.67E+01	1.15	7.50	23.90					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T01-E	1	7.93E+01		7.93E+01	19.08	7.50	23.90					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T02-E	1	4.76E+01		4.76E+01	8.60	7.50	23.90					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T03-E	1	3.31E+01		3.31E+01	2.16	7.50	23.90	10000	1000	1.09E+03	105%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T04-E	1	2.55E+01		2.55E+01	3.72	7.50	23.90					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T05-E	1	2.90E+01		2.90E+01	8.72	7.50	23.90					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T06-E	1	2.19E+01	E	2.19E+01	14.46	7.50	23.90					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T07-E	1	2.77E+01		2.77E+01	1.15	7.50	23.90					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T08-E	1	2.37E+01	E	2.37E+01	18.79	7.50	23.90					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T09-E	1	1.70E+01	E	1.70E+01	8.67	7.50	23.90					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T01-F	1	8.94E+01		8.94E+01	6.94	7.50	23.90					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T02-F	1	4.33E+01		4.33E+01	1.41	7.50	23.90					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T03-F	1	3.22E+01		3.22E+01	4.63	7.50	23.90	10000	1000	1.03E+03	100%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T04-F	1	3.86E+01		3.86E+01	2.68	7.50	23.90					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T05-F	1	3.69E+01		3.69E+01	2.56	7.50	23.90					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T06-F	1	2.84E+01		2.84E+01	0.68	7.50	23.90					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T07-F	1	2.57E+01		2.57E+01	9.65	7.50	23.90					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T08-F	1	2.09E+01	E	2.09E+01	13.62	7.50	23.90					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Sb	CFS-LRef-1314-T09-F	1	1.80E+01	E	1.80E+01	22.31	7.50	23.90					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-LRef-1314-T01-D	1	4.83E+01		4.83E+01	1.20	11.00	35.00					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T02-D	1	3.78E+01		3.78E+01	2.01	11.00	35.00					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T03-D	1	1.43E+01	E	1.43E+01	6.57	11.00	35.00	10000	1000	1.01E+03	100%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T04-D	1	1.88E+01	E	1.88E+01	24.16	11.00	35.00					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T05-D	1	2.14E+01	E	2.14E+01	20.92	11.00	35.00					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T06-D	1	2.22E+01	E	2.22E+01	2.82	11.00	35.00					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T07-D	1	2.16E+01	E	2.16E+01	18.16	11.00	35.00					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T08-D	1	1.38E+01	E	1.38E+01	5.09	11.00	35.00					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T09-D	1	1.74E+01	E	1.74E+01	1.81	11.00	35.00					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T01-E	1	5.42E+01		5.42E+01	10.62	11.00	35.00					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T02-E	1	2.59E+01	E	2.59E+01	35.29	11.00	35.00					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T03-E	1	1.43E+01	E	1.43E+01	15.42	11.00	35.00	10000	1000	1.11E+03	109%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T04-E	1	2.10E+01	E	2.10E+01	32.08	11.00	35.00					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T05-E	1	1.80E+01	E	1.80E+01	33.68	11.00	35.00					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T06-E	1	1.90E+01	E	1.90E+01	24.32	11.00	35.00					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T07-E	1	2.29E+01	E	2.29E+01	31.86	11.00	35.00					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T08-E	1	1.81E+01	E	1.81E+01	43.46	11.00	35.00					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T09-E	1	2.46E+01	E	2.46E+01	1.73	11.00	35.00					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T01-F	1	6.75E+01		6.75E+01	8.48	11.00	35.00					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T02-F	1	3.11E+01	E	3.11E+01	3.61	11.00	35.00					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T03-F	1	1.59E+01	E	1.59E+01	22.22	11.00	35.00	10000	1000	1.03E+03	101%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T04-F	1	2.92E+01	E	2.92E+01	32.86	11.00	35.00					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T05-F	1	2.38E+01	E	2.38E+01	14.27	11.00	35.00					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T06-F	1	2.04E+01	E	2.04E+01	30.68	11.00	35.00					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T07-F	1	2.11E+01	E	2.11E+01	5.67	11.00	35.00					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T08-F	1	2.07E+01	E	2.07E+01	5.15	11.00	35.00					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
As	CFS-LRef-1314-T09-F	1	1.84E+01	E	1.84E+01	6.14	11.00	35.00					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-LRef-1314-T01-D	1	1.90E+03		1.90E+03	0.23	1.00	3.18					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T02-D	1	1.39E+03		1.39E+03	0.76	1.00	3.18					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T03-D	1	4.61E+02		4.61E+02	0.37	1.00	3.18	10000	1000	1.37E+03	91%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T04-D	1	2.42E+02		2.42E+02	0.48	1.00	3.18					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T05-D	1	1.57E+02		1.57E+02	0.36	1.00	3.18					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T06-D	1	9.23E+01		9.23E+01	0.46	1.00	3.18					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T07-D	1	6.76E+01		6.76E+01	2.91	1.00	3.18					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T08-D	1	4.81E+01		4.81E+01	1.95	1.00	3.18					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T09-D	1	3.98E+01		3.98E+01	4.26	1.00	3.18					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T01-E	1	2.10E+03		2.10E+03	0.96	1.00	3.18					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T02-E	1	1.47E+03		1.47E+03	0.39	1.00	3.18					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T03-E	1	4.37E+02		4.37E+02	1.32	1.00	3.18	10000	1000	1.33E+03	90%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T04-E	1	2.41E+02		2.41E+02	1.03	1.00	3.18					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T05-E	1	1.53E+02		1.53E+02	1.53	1.00	3.18					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T06-E	1	9.79E+01		9.79E+01	0.76	1.00	3.18					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T07-E	1	7.03E+01		7.03E+01	2.60	1.00	3.18					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T08-E	1	5.04E+01		5.04E+01	2.48	1.00	3.18					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T09-E	1	3.96E+01		3.96E+01	1.75	1.00	3.18					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T01-F	1	2.32E+03		2.32E+03	0.30	1.00	3.18					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T02-F	1	1.54E+03		1.54E+03	0.62	1.00	3.18					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T03-F	1	4.87E+02		4.87E+02	2.31	1.00	3.18	10000	1000	1.32E+03	83%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T04-F	1	2.47E+02		2.47E+02	0.64	1.00	3.18					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T05-F	1	1.62E+02		1.62E+02	2.14	1.00	3.18					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T06-F	1	9.40E+01		9.40E+01	1.63	1.00	3.18					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T07-F	1	6.91E+01		6.91E+01	1.24	1.00	3.18					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T08-F	1	5.08E+01		5.08E+01	1.71	1.00	3.18					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
B	CFS-LRef-1314-T09-F	1	4.52E+01		4.52E+01	6.74	1.00	3.18					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-LRef-1314-T01-D	1	4.29E+01		4.29E+01	1.03	1.00	3.18					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T02-D	1	5.25E+01		5.25E+01	0.26	1.00	3.18					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T03-D	1	9.35E+01		9.35E+01	0.40	1.00	3.18	10000	1000	1.09E+03	100%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T04-D	1	1.25E+02		1.25E+02	0.54	1.00	3.18					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T05-D	1	1.24E+02		1.24E+02	0.80	1.00	3.18					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T06-D	1	1.24E+02		1.24E+02	0.42	1.00	3.18					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T07-D	1	1.36E+02		1.36E+02	0.70	1.00	3.18					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T08-D	1	1.31E+02		1.31E+02	0.91	1.00	3.18					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T09-D	1	1.36E+02		1.36E+02	0.40	1.00	3.18					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T01-E	1	4.73E+01		4.73E+01	0.87	1.00	3.18					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T02-E	1	4.94E+01		4.94E+01	0.95	1.00	3.18					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T03-E	1	9.27E+01		9.27E+01	1.19	1.00	3.18	10000	1000	1.17E+03	108%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T04-E	1	1.20E+02		1.20E+02	0.60	1.00	3.18					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T05-E	1	1.17E+02		1.17E+02	0.37	1.00	3.18					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T06-E	1	1.31E+02		1.31E+02	0.71	1.00	3.18					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T07-E	1	1.39E+02		1.39E+02	0.89	1.00	3.18					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T08-E	1	1.38E+02		1.38E+02	0.34	1.00	3.18					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T09-E	1	1.43E+02		1.43E+02	1.00	1.00	3.18					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T01-F	1	5.65E+01		5.65E+01	0.56	1.00	3.18					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T02-F	1	6.09E+01		6.09E+01	0.35	1.00	3.18					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T03-F	1	9.79E+01		9.79E+01	3.64	1.00	3.18	10000	1000	1.10E+03	100%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T04-F	1	1.23E+02		1.23E+02	1.07	1.00	3.18					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T05-F	1	1.24E+02		1.24E+02	0.80	1.00	3.18					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T06-F	1	1.31E+02		1.31E+02	0.77	1.00	3.18					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T07-F	1	1.39E+02		1.39E+02	0.53	1.00	3.18					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T08-F	1	1.42E+02		1.42E+02	0.60	1.00	3.18					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Ba	CFS-LRef-1314-T09-F	1	1.53E+02		1.53E+02	8.40	1.00	3.18					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-LRef-1314-T01-D	1	9.50E-01	U1/2	9.50E-01	24.69	1.90	6.00					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T02-D	1	9.50E-01	U1/2	9.50E-01	34.32	1.90	6.00					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T03-D	1	9.50E-01	U1/2	9.50E-01	13.71	1.90	6.00	10000	1000	9.77E+02	98%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T04-D	1	9.50E-01	U1/2	9.50E-01	24.01	1.90	6.00					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T05-D	1	9.50E-01	U1/2	9.50E-01	23.97	1.90	6.00					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T06-D	1	9.50E-01	U1/2	9.50E-01	41.02	1.90	6.00					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T07-D	1	9.50E-01	U1/2	9.50E-01	43.91	1.90	6.00					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T08-D	1	9.50E-01	U1/2	9.50E-01	7.80	1.90	6.00					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T09-D	1	9.50E-01	U1/2	9.50E-01	43.15	1.90	6.00					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T01-E	1	9.50E-01	U1/2	9.50E-01	5.75	1.90	6.00					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T02-E	1	9.50E-01	U1/2	9.50E-01	27.39	1.90	6.00					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T03-E	1	9.50E-01	U1/2	9.50E-01	12.70	1.90	6.00	10000	1000	1.08E+03	108%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T04-E	1	9.50E-01	U1/2	9.50E-01	21.42	1.90	6.00					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T05-E	1	9.50E-01	U1/2	9.50E-01	28.97	1.90	6.00					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T06-E	1	9.50E-01	U1/2	9.50E-01	46.46	1.90	6.00					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T07-E	1	9.50E-01	U1/2	9.50E-01	20.89	1.90	6.00					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T08-E	1	9.50E-01	U1/2	9.50E-01	24.67	1.90	6.00					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T09-E	1	9.50E-01	U1/2	9.50E-01	59.98	1.90	6.00					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T01-F	1	9.50E-01	U1/2	9.50E-01	26.20	1.90	6.00					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T02-F	1	9.50E-01	U1/2	9.50E-01	38.84	1.90	6.00					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T03-F	1	9.50E-01	U1/2	9.50E-01	50.82	1.90	6.00	10000	1000	1.00E+03	100%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T04-F	1	9.50E-01	U1/2	9.50E-01	27.72	1.90	6.00					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T05-F	1	9.50E-01	U1/2	9.50E-01	9.28	1.90	6.00					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T06-F	1	9.50E-01	U1/2	9.50E-01	19.81	1.90	6.00					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T07-F	1	9.50E-01	U1/2	9.50E-01	37.80	1.90	6.00					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T08-F	1	9.50E-01	U1/2	9.50E-01	20.15	1.90	6.00					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Be	CFS-LRef-1314-T09-F	1	9.50E-01	U1/2	9.50E-01	42.53	1.90	6.00					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-LRef-1314-T01-D	1	1.46E+04		1.46E+04	0.64	2.20	7.00					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T02-D	1	7.07E+03		7.07E+03	0.37	2.20	7.00					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T03-D	1	6.75E+03		6.75E+03	0.54	2.20	7.00	10000	1000	7.71E+03	96%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T04-D	1	7.33E+03		7.33E+03	0.45	2.20	7.00					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T05-D	1	7.76E+03		7.76E+03	0.44	2.20	7.00					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T06-D	1	6.70E+03		6.70E+03	0.56	2.20	7.00					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T07-D	1	5.53E+03		5.53E+03	0.43	2.20	7.00					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T08-D	1	3.94E+03		3.94E+03	0.94	2.20	7.00					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T09-D	1	3.15E+03		3.15E+03	0.83	2.20	7.00					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T01-E	1	1.56E+04		1.56E+04	1.17	2.20	7.00					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T02-E	1	9.06E+03		9.06E+03	0.38	2.20	7.00					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T03-E	1	6.68E+03		6.68E+03	1.14	2.20	7.00	10000	1000	7.61E+03	94%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T04-E	1	8.59E+03		8.59E+03	0.57	2.20	7.00					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T05-E	1	8.28E+03		8.28E+03	0.57	2.20	7.00					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T06-E	1	7.18E+03		7.18E+03	0.45	2.20	7.00					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T07-E	1	5.70E+03		5.70E+03	1.08	2.20	7.00					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T08-E	1	4.03E+03		4.03E+03	0.27	2.20	7.00					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T09-E	1	3.16E+03		3.16E+03	1.15	2.20	7.00					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T01-F	1	1.65E+04		1.65E+04	0.26	2.20	7.00					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T02-F	1	9.24E+03		9.24E+03	0.61	2.20	7.00					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T03-F	1	6.96E+03		6.96E+03	1.57	2.20	7.00	10000	1000	7.93E+03	97%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T04-F	1	8.22E+03		8.22E+03	1.11	2.20	7.00					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T05-F	1	8.84E+03		8.84E+03	0.79	2.20	7.00					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T06-F	1	7.21E+03		7.21E+03	0.23	2.20	7.00					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T07-F	1	5.86E+03		5.86E+03	0.73	2.20	7.00					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T08-F	1	4.23E+03		4.23E+03	1.14	2.20	7.00					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Cd	CFS-LRef-1314-T09-F	1	3.52E+03		3.52E+03	9.39	2.20	7.00					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-LRef-1314-T01-D	1	5.06E+05		5.06E+05	0.65	2.60	8.30					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T02-D	1	5.74E+05		5.74E+05	0.13	2.60	8.30					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T03-D	1	5.13E+05		5.13E+05	0.53	2.60	8.30	10000	1000	5.14E+05	91%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T04-D	1	6.69E+05		6.69E+05	0.13	2.60	8.30					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T05-D	1	6.60E+05		6.60E+05	0.54	2.60	8.30					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T06-D	1	6.56E+05		6.56E+05	0.48	2.60	8.30					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T07-D	1	6.82E+05		6.82E+05	0.26	2.60	8.30					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T08-D	1	6.35E+05		6.35E+05	0.92	2.60	8.30					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T09-D	1	6.57E+05		6.57E+05	0.77	2.60	8.30					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T01-E	1	4.90E+05		4.90E+05	1.27	2.60	8.30					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T02-E	1	5.58E+05		5.58E+05	0.67	2.60	8.30					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T03-E	1	5.29E+05		5.29E+05	1.09	2.60	8.30	10000	1000	5.30E+05	95%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T04-E	1	6.54E+05		6.54E+05	0.62	2.60	8.30					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T05-E	1	6.33E+05		6.33E+05	0.51	2.60	8.30					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T06-E	1	6.79E+05		6.79E+05	0.21	2.60	8.30					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T07-E	1	6.87E+05		6.87E+05	1.09	2.60	8.30					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T08-E	1	6.56E+05		6.56E+05	0.48	2.60	8.30					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T09-E	1	6.72E+05		6.72E+05	1.29	2.60	8.30					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T01-F	1	4.95E+05		4.95E+05	0.39	2.60	8.30					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T02-F	1	5.65E+05		5.65E+05	0.39	2.60	8.30					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T03-F	1	5.33E+05		5.33E+05	0.88	2.60	8.30	10000	1000	5.34E+05	87%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T04-F	1	6.43E+05		6.43E+05	1.34	2.60	8.30					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T05-F	1	6.80E+05		6.80E+05	0.93	2.60	8.30					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T06-F	1	6.83E+05		6.83E+05	0.42	2.60	8.30					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T07-F	1	6.93E+05		6.93E+05	0.74	2.60	8.30					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T08-F	1	6.74E+05		6.74E+05	0.91	2.60	8.30					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Ca	CFS-LRef-1314-T09-F	1	7.24E+05		7.24E+05	9.64	2.60	8.30					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-LRef-1314-T01-D	1	6.00E-01	U1/2	6.00E-01	64.63	1.20	3.82					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T02-D	1	6.00E-01	U1/2	6.00E-01	10.53	1.20	3.82					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T03-D	1	6.00E-01	U1/2	6.00E-01	44.92	1.20	3.82	10000	1000	9.18E+02	92%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T04-D	1	6.00E-01	U1/2	6.00E-01	37.50	1.20	3.82					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T05-D	1	6.00E-01	U1/2	6.00E-01	68.89	1.20	3.82					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T06-D	1	6.00E-01	U1/2	6.00E-01	47.52	1.20	3.82					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T07-D	1	6.00E-01	U1/2	6.00E-01	61.79	1.20	3.82					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T08-D	1	6.00E-01	U1/2	6.00E-01	22.27	1.20	3.82					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T09-D	1	6.00E-01	U1/2	6.00E-01	41.58	1.20	3.82					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T01-E	1	6.00E-01	U1/2	6.00E-01	13.56	1.20	3.82					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T02-E	1	6.00E-01	U1/2	6.00E-01	12.46	1.20	3.82					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T03-E	1	6.00E-01	U1/2	6.00E-01	50.67	1.20	3.82	10000	1000	9.99E+02	100%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T04-E	1	6.00E-01	U1/2	6.00E-01	52.93	1.20	3.82					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T05-E	1	6.00E-01	U1/2	6.00E-01	72.81	1.20	3.82					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T06-E	1	6.00E-01	U1/2	6.00E-01	42.43	1.20	3.82					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T07-E	1	6.00E-01	U1/2	6.00E-01	25.07	1.20	3.82					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T08-E	1	6.00E-01	U1/2	6.00E-01	53.66	1.20	3.82					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T09-E	1	6.00E-01	U1/2	6.00E-01	15.96	1.20	3.82					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T01-F	1	6.00E-01	U1/2	6.00E-01	12.10	1.20	3.82					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T02-F	1	6.00E-01	U1/2	6.00E-01	30.60	1.20	3.82					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T03-F	1	6.00E-01	U1/2	6.00E-01	49.55	1.20	3.82	10000	1000	9.37E+02	94%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T04-F	1	6.00E-01	U1/2	6.00E-01	0.75	1.20	3.82					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T05-F	1	6.00E-01	U1/2	6.00E-01	13.60	1.20	3.82					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T06-F	1	6.00E-01	U1/2	6.00E-01	37.52	1.20	3.82					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T07-F	1	6.00E-01	U1/2	6.00E-01	38.19	1.20	3.82					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T08-F	1	6.00E-01	U1/2	6.00E-01	11.66	1.20	3.82					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Cr	CFS-LRef-1314-T09-F	1	6.00E-01	U1/2	6.00E-01	53.67	1.20	3.82					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-LRef-1314-T01-D	1	7.22E+02		7.22E+02	0.42	1.80	5.72					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T02-D	1	2.66E+02		2.66E+02	0.77	1.80	5.72					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T03-D	1	2.28E+02		2.28E+02	0.37	1.80	5.72	10000	1000	1.18E+03	95%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T04-D	1	2.90E+02		2.90E+02	0.31	1.80	5.72					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T05-D	1	2.89E+02		2.89E+02	0.73	1.80	5.72					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T06-D	1	1.39E+02		1.39E+02	1.30	1.80	5.72					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T07-D	1	6.52E+01		6.52E+01	1.65	1.80	5.72					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T08-D	1	3.58E+01		3.58E+01	2.21	1.80	5.72					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T09-D	1	2.41E+01		2.41E+01	4.41	1.80	5.72					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T01-E	1	7.21E+02		7.21E+02	2.21	1.80	5.72					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T02-E	1	4.00E+02		4.00E+02	0.32	1.80	5.72					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T03-E	1	2.46E+02		2.46E+02	1.00	1.80	5.72	10000	1000	1.38E+03	113%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T04-E	1	3.32E+02		3.32E+02	1.12	1.80	5.72					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T05-E	1	2.81E+02		2.81E+02	1.00	1.80	5.72					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T06-E	1	1.33E+02		1.33E+02	0.64	1.80	5.72					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T07-E	1	6.18E+01		6.18E+01	1.41	1.80	5.72					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T08-E	1	3.49E+01		3.49E+01	2.10	1.80	5.72					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T09-E	1	2.38E+01		2.38E+01	7.88	1.80	5.72					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T01-F	1	7.40E+02		7.40E+02	1.67	1.80	5.72					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T02-F	1	3.98E+02		3.98E+02	0.45	1.80	5.72					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T03-F	1	2.84E+02		2.84E+02	13.10	1.80	5.72	10000	1000	1.30E+03	102%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T04-F	1	3.41E+02		3.41E+02	1.66	1.80	5.72					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T05-F	1	3.34E+02		3.34E+02	0.91	1.80	5.72					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T06-F	1	1.37E+02		1.37E+02	0.59	1.80	5.72					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T07-F	1	6.35E+01		6.35E+01	0.96	1.80	5.72					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T08-F	1	3.78E+01		3.78E+01	5.75	1.80	5.72					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Co	CFS-LRef-1314-T09-F	1	2.67E+01		2.67E+01	6.89	1.80	5.72					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-LRef-1314-T01-D	1	2.51E+03		2.51E+03	1.06	3.70	11.80					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T02-D	1	1.28E+03		1.28E+03	1.30	3.70	11.80					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T03-D	1	1.64E+03		1.64E+03	0.88	3.70	11.80	10000	1000	2.64E+03	100%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T04-D	1	1.08E+03		1.08E+03	10.59	3.70	11.80					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T05-D	1	9.42E+02		9.42E+02	1.18	3.70	11.80					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T06-D	1	1.14E+03		1.14E+03	0.81	3.70	11.80					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T07-D	1	8.13E+02		8.13E+02	0.72	3.70	11.80					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T08-D	1	7.88E+02		7.88E+02	0.86	3.70	11.80					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T09-D	1	7.02E+02		7.02E+02	0.31	3.70	11.80					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T01-E	1	2.64E+03		2.64E+03	2.12	3.70	11.80					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T02-E	1	1.81E+03		1.81E+03	1.33	3.70	11.80					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T03-E	1	1.51E+03		1.51E+03	2.06	3.70	11.80	10000	1000	2.61E+03	109%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T04-E	1	1.13E+03		1.13E+03	1.26	3.70	11.80					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T05-E	1	1.14E+03		1.14E+03	0.47	3.70	11.80					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T06-E	1	1.21E+03		1.21E+03	0.47	3.70	11.80					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T07-E	1	9.26E+02		9.26E+02	1.07	3.70	11.80					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T08-E	1	8.47E+02		8.47E+02	0.27	3.70	11.80					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T09-E	1	7.93E+02		7.93E+02	0.75	3.70	11.80					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T01-F	1	2.71E+03		2.71E+03	1.51	3.70	11.80					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T02-F	1	1.95E+03		1.95E+03	0.79	3.70	11.80					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T03-F	1	1.69E+03		1.69E+03	7.56	3.70	11.80	10000	1000	2.74E+03	105%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T04-F	1	9.89E+02		9.89E+02	1.29	3.70	11.80					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T05-F	1	1.15E+03		1.15E+03	0.64	3.70	11.80					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T06-F	1	1.22E+03		1.22E+03	0.77	3.70	11.80					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T07-F	1	1.23E+03		1.23E+03	1.27	3.70	11.80					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T08-F	1	8.10E+02		8.10E+02	0.48	3.70	11.80					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Cu	CFS-LRef-1314-T09-F	1	8.79E+02		8.79E+02	6.59	3.70	11.80					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-LRef-1314-T01-D	1	1.00E+00	U1/2	1.00E+00	13.02	2.00	6.40					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T02-D	1	1.00E+00	U1/2	1.00E+00	15.32	2.00	6.40					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T03-D	1	1.00E+00	U1/2	1.00E+00	16.81	2.00	6.40	10000	1000	9.48E+02	95%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T04-D	1	1.00E+00	U1/2	1.00E+00	12.52	2.00	6.40					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T05-D	1	1.00E+00	U1/2	1.00E+00	25.06	2.00	6.40					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T06-D	1	1.00E+00	U1/2	1.00E+00	32.10	2.00	6.40					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T07-D	1	1.00E+00	U1/2	1.00E+00	22.06	2.00	6.40					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T08-D	1	1.00E+00	U1/2	1.00E+00	13.92	2.00	6.40					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T09-D	1	1.00E+00	U1/2	1.00E+00	20.98	2.00	6.40					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T01-E	1	1.00E+00	U1/2	1.00E+00	9.67	2.00	6.40					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T02-E	1	1.00E+00	U1/2	1.00E+00	22.67	2.00	6.40					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T03-E	1	1.00E+00	U1/2	1.00E+00	5.33	2.00	6.40	10000	1000	1.03E+03	103%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T04-E	1	1.00E+00	U1/2	1.00E+00	14.17	2.00	6.40					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T05-E	1	1.00E+00	U1/2	1.00E+00	31.33	2.00	6.40					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T06-E	1	1.00E+00	U1/2	1.00E+00	14.35	2.00	6.40					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T07-E	1	1.00E+00	U1/2	1.00E+00	21.85	2.00	6.40					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T08-E	1	1.00E+00	U1/2	1.00E+00	12.98	2.00	6.40					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T09-E	1	1.00E+00	U1/2	1.00E+00	9.43	2.00	6.40					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T01-F	1	1.00E+00	U1/2	1.00E+00	17.24	2.00	6.40					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T02-F	1	1.00E+00	U1/2	1.00E+00	39.80	2.00	6.40					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T03-F	1	1.00E+00	U1/2	1.00E+00	0.89	2.00	6.40	10000	1000	9.65E+02	96%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T04-F	1	1.00E+00	U1/2	1.00E+00	2.02	2.00	6.40					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T05-F	1	1.00E+00	U1/2	1.00E+00	18.11	2.00	6.40					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T06-F	1	1.00E+00	U1/2	1.00E+00	34.80	2.00	6.40					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T07-F	1	1.00E+00	U1/2	1.00E+00	29.79	2.00	6.40					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T08-F	1	1.00E+00	U1/2	1.00E+00	13.15	2.00	6.40					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Fe	CFS-LRef-1314-T09-F	1	1.00E+00	U1/2	1.00E+00	28.63	2.00	6.40					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-LRef-1314-T01-D	1	9.44E+02		9.44E+02	2.26	6.80	21.60					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T02-D	1	8.12E+02		8.12E+02	0.62	6.80	21.60					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T03-D	1	8.00E+02		8.00E+02	1.30	6.80	21.60	10000	1000	1.74E+03	94%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T04-D	1	9.31E+02		9.31E+02	0.93	6.80	21.60					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T05-D	1	9.95E+02		9.95E+02	0.10	6.80	21.60					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T06-D	1	1.00E+03		1.00E+03	0.50	6.80	21.60					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T07-D	1	8.76E+02		8.76E+02	0.88	6.80	21.60					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T08-D	1	8.75E+02		8.75E+02	0.38	6.80	21.60					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T09-D	1	8.64E+02		8.64E+02	1.18	6.80	21.60					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T01-E	1	9.62E+02		9.62E+02	2.33	6.80	21.60					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T02-E	1	8.45E+02		8.45E+02	1.29	6.80	21.60					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T03-E	1	8.30E+02		8.30E+02	1.31	6.80	21.60	10000	1000	1.76E+03	93%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T04-E	1	8.44E+02		8.44E+02	0.58	6.80	21.60					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T05-E	1	1.00E+03		1.00E+03	0.49	6.80	21.60					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T06-E	1	1.07E+03		1.07E+03	0.31	6.80	21.60					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T07-E	1	1.02E+03		1.02E+03	1.74	6.80	21.60					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T08-E	1	8.90E+02		8.90E+02	0.24	6.80	21.60					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T09-E	1	9.28E+02		9.28E+02	1.13	6.80	21.60					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T01-F	1	9.92E+02		9.92E+02	0.11	6.80	21.60					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T02-F	1	9.05E+02		9.05E+02	0.63	6.80	21.60					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T03-F	1	8.65E+02		8.65E+02	0.87	6.80	21.60	10000	1000	1.78E+03	92%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T04-F	1	8.03E+02		8.03E+02	0.34	6.80	21.60					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T05-F	1	9.01E+02		9.01E+02	0.90	6.80	21.60					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T06-F	1	1.03E+03		1.03E+03	0.72	6.80	21.60					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T07-F	1	1.05E+03		1.05E+03	1.10	6.80	21.60					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T08-F	1	9.09E+02		9.09E+02	1.46	6.80	21.60					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Pb	CFS-LRef-1314-T09-F	1	1.01E+03		1.01E+03	9.45	6.80	21.60					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-LRef-1314-T01-D	1	4.79E+01		4.79E+01	1.66	1.90	6.00					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T02-D	1	1.30E+01		1.30E+01	7.73	1.90	6.00					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T03-D	1	1.16E+01		1.16E+01	2.92	1.90	6.00	10000	1000	8.53E+02	84%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T04-D	1	1.83E+01		1.83E+01	12.50	1.90	6.00					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T05-D	1	1.79E+01		1.79E+01	4.74	1.90	6.00					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T06-D	1	1.76E+01		1.76E+01	2.28	1.90	6.00					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T07-D	1	1.95E+01		1.95E+01	1.34	1.90	6.00					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T08-D	1	1.72E+01		1.72E+01	7.46	1.90	6.00					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T09-D	1	1.73E+01		1.73E+01	1.03	1.90	6.00					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T01-E	1	5.67E+01		5.67E+01	1.27	1.90	6.00					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T02-E	1	1.34E+01		1.34E+01	3.87	1.90	6.00					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T03-E	1	1.40E+01		1.40E+01	4.10	1.90	6.00	10000	1000	9.10E+02	90%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T04-E	1	1.68E+01		1.68E+01	9.18	1.90	6.00					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T05-E	1	1.84E+01		1.84E+01	1.12	1.90	6.00					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T06-E	1	1.80E+01		1.80E+01	1.26	1.90	6.00					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T07-E	1	1.62E+01		1.62E+01	2.09	1.90	6.00					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T08-E	1	1.68E+01		1.68E+01	3.94	1.90	6.00					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T09-E	1	1.75E+01		1.75E+01	7.54	1.90	6.00					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T01-F	1	5.65E+01		5.65E+01	4.45	1.90	6.00					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T02-F	1	1.37E+01		1.37E+01	8.10	1.90	6.00					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T03-F	1	1.74E+01		1.74E+01	5.01	1.90	6.00	10000	1000	8.84E+02	87%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T04-F	1	1.75E+01		1.75E+01	2.57	1.90	6.00					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T05-F	1	1.84E+01		1.84E+01	2.21	1.90	6.00					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T06-F	1	1.73E+01		1.73E+01	11.84	1.90	6.00					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T07-F	1	1.86E+01		1.86E+01	5.74	1.90	6.00					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T08-F	1	1.86E+01		1.86E+01	4.18	1.90	6.00					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Li	CFS-LRef-1314-T09-F	1	1.91E+01		1.91E+01	2.37	1.90	6.00					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-LRef-1314-T01-D	1	1.87E+04		1.87E+04	0.38	2.00	6.40					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T02-D	1	8.07E+03		8.07E+03	0.16	2.00	6.40					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T03-D	1	7.08E+03		7.08E+03	0.36	2.00	6.40	10000	1000	8.07E+03	100%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T04-D	1	5.14E+03		5.14E+03	0.84	2.00	6.40					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T05-D	1	2.52E+03		2.52E+03	0.99	2.00	6.40					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T06-D	1	7.22E+02		7.22E+02	0.65	2.00	6.40					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T07-D	1	4.13E+02		4.13E+02	1.45	2.00	6.40					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T08-D	1	2.61E+02		2.61E+02	1.39	2.00	6.40					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T09-D	1	2.00E+02		2.00E+02	0.14	2.00	6.40					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T01-E	1	1.99E+04		1.99E+04	1.59	2.00	6.40					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T02-E	1	1.02E+04		1.02E+04	0.41	2.00	6.40					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T03-E	1	6.89E+03		6.89E+03	1.77	2.00	6.40	10000	1000	7.85E+03	96%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T04-E	1	4.78E+03		4.78E+03	0.27	2.00	6.40					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T05-E	1	2.18E+03		2.18E+03	0.14	2.00	6.40					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T06-E	1	7.42E+02		7.42E+02	1.79	2.00	6.40					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T07-E	1	4.33E+02		4.33E+02	0.91	2.00	6.40					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T08-E	1	2.82E+02		2.82E+02	0.99	2.00	6.40					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T09-E	1	2.10E+02		2.10E+02	0.72	2.00	6.40					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T01-F	1	2.19E+04		2.19E+04	0.23	2.00	6.40					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T02-F	1	1.03E+04		1.03E+04	0.39	2.00	6.40					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T03-F	1	7.03E+03		7.03E+03	18.72	2.00	6.40	10000	1000	8.03E+03	99%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T04-F	1	5.49E+03		5.49E+03	1.63	2.00	6.40					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T05-F	1	2.55E+03		2.55E+03	0.87	2.00	6.40					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T06-F	1	7.24E+02		7.24E+02	1.25	2.00	6.40					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T07-F	1	4.56E+02		4.56E+02	0.37	2.00	6.40					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T08-F	1	3.01E+02		3.01E+02	0.62	2.00	6.40					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Mn	CFS-LRef-1314-T09-F	1	2.34E+02		2.34E+02	7.37	2.00	6.40					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-LRef-1314-T01-D	1	2.09E+06		2.09E+06	0.69	1.00	3.18					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T02-D	1	4.59E+05		4.59E+05	0.50	1.00	3.18					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T03-D	1	1.25E+05		1.25E+05	0.44	1.00	3.18	10000	1000	1.26E+05	89%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T04-D	1	2.48E+04		2.48E+04	0.79	1.00	3.18					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T05-D	1	1.49E+04		1.49E+04	1.16	1.00	3.18					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T06-D	1	1.13E+04		1.13E+04	1.27	1.00	3.18					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T07-D	1	8.97E+03		8.97E+03	0.77	1.00	3.18					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T08-D	1	5.27E+03		5.27E+03	0.71	1.00	3.18					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T09-D	1	3.60E+03		3.60E+03	1.58	1.00	3.18					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T01-E	1	2.02E+06		2.02E+06	1.72	1.00	3.18					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T02-E	1	5.11E+05		5.11E+05	0.49	1.00	3.18					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T03-E	1	1.26E+05		1.26E+05	2.13	1.00	3.18	10000	1000	1.26E+05	88%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T04-E	1	2.44E+04		2.44E+04	1.08	1.00	3.18					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T05-E	1	1.35E+04		1.35E+04	0.31	1.00	3.18					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T06-E	1	1.10E+04		1.10E+04	0.23	1.00	3.18					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T07-E	1	8.75E+03		8.75E+03	1.24	1.00	3.18					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T08-E	1	5.52E+03		5.52E+03	1.27	1.00	3.18					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T09-E	1	3.81E+03		3.81E+03	2.10	1.00	3.18					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T01-F	1	2.31E+06		2.31E+06	0.82	1.00	3.18					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T02-F	1	5.54E+05		5.54E+05	0.84	1.00	3.18					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T03-F	1	1.26E+05		1.26E+05	2.94	1.00	3.18	10000	1000	1.27E+05	91%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T04-F	1	2.65E+04		2.65E+04	1.60	1.00	3.18					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T05-F	1	1.43E+04		1.43E+04	0.91	1.00	3.18					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T06-F	1	1.13E+04		1.13E+04	0.35	1.00	3.18					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T07-F	1	8.96E+03		8.96E+03	0.72	1.00	3.18					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T08-F	1	5.60E+03		5.60E+03	0.74	1.00	3.18					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Mg	CFS-LRef-1314-T09-F	1	4.01E+03		4.01E+03	7.12	1.00	3.18					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-LRef-1314-T01-D	1	2.63E+01		2.63E+01	3.34	1.20	3.82					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T02-D	1	1.55E+01		1.55E+01	5.90	1.20	3.82					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T03-D	1	5.43E+00		5.43E+00	8.86	1.20	3.82	10000	1000	9.96E+02	99%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T04-D	1	7.70E+00		7.70E+00	9.05	1.20	3.82					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T05-D	1	8.35E+00		8.35E+00	4.63	1.20	3.82					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T06-D	1	8.31E+00		8.31E+00	2.16	1.20	3.82					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T07-D	1	8.00E+00		8.00E+00	6.81	1.20	3.82					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T08-D	1	6.24E+00		6.24E+00	8.74	1.20	3.82					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T09-D	1	7.69E+00		7.69E+00	5.61	1.20	3.82					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T01-E	1	3.15E+01		3.15E+01	7.99	1.20	3.82					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T02-E	1	1.41E+01		1.41E+01	1.29	1.20	3.82					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T03-E	1	5.86E+00		5.86E+00	13.08	1.20	3.82	10000	1000	1.08E+03	107%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T04-E	1	8.02E+00		8.02E+00	2.63	1.20	3.82					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T05-E	1	5.75E+00		5.75E+00	1.90	1.20	3.82					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T06-E	1	7.91E+00		7.91E+00	1.96	1.20	3.82					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T07-E	1	8.22E+00		8.22E+00	1.90	1.20	3.82					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T08-E	1	7.25E+00		7.25E+00	4.91	1.20	3.82					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T09-E	1	7.80E+00		7.80E+00	5.36	1.20	3.82					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T01-F	1	3.53E+01		3.53E+01	6.87	1.20	3.82					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T02-F	1	1.51E+01		1.51E+01	1.21	1.20	3.82					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T03-F	1	6.11E+00		6.11E+00	2.43	1.20	3.82	10000	1000	1.03E+03	102%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T04-F	1	8.27E+00		8.27E+00	5.83	1.20	3.82					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T05-F	1	7.49E+00		7.49E+00	2.64	1.20	3.82					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T06-F	1	8.05E+00		8.05E+00	1.42	1.20	3.82					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T07-F	1	9.56E+00		9.56E+00	1.18	1.20	3.82					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T08-F	1	6.57E+00		6.57E+00	1.36	1.20	3.82					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Mo	CFS-LRef-1314-T09-F	1	7.93E+00		7.93E+00	1.14	1.20	3.82					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-LRef-1314-T01-D	1	1.04E+03		1.04E+03	0.83	1.80	5.70					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T02-D	1	4.11E+02		4.11E+02	0.66	1.80	5.70					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T03-D	1	4.24E+02		4.24E+02	0.46	1.80	5.70	10000	1000	1.48E+03	105%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T04-D	1	4.35E+02		4.35E+02	0.71	1.80	5.70					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T05-D	1	4.60E+02		4.60E+02	1.19	1.80	5.70					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T06-D	1	3.11E+02		3.11E+02	0.66	1.80	5.70					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T07-D	1	1.89E+02		1.89E+02	1.08	1.80	5.70					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T08-D	1	1.11E+02		1.11E+02	2.70	1.80	5.70					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T09-D	1	7.59E+01		7.59E+01	14.09	1.80	5.70					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T01-E	1	1.03E+03		1.03E+03	1.05	1.80	5.70					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T02-E	1	6.25E+02		6.25E+02	0.62	1.80	5.70					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T03-E	1	4.36E+02		4.36E+02	1.99	1.80	5.70	10000	1000	1.54E+03	111%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T04-E	1	5.40E+02		5.40E+02	0.97	1.80	5.70					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T05-E	1	5.01E+02		5.01E+02	0.87	1.80	5.70					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T06-E	1	3.21E+02		3.21E+02	0.93	1.80	5.70					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T07-E	1	1.86E+02		1.86E+02	1.17	1.80	5.70					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T08-E	1	1.09E+02		1.09E+02	1.15	1.80	5.70					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T09-E	1	7.58E+01		7.58E+01	1.08	1.80	5.70					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T01-F	1	1.16E+03		1.16E+03	0.37	1.80	5.70					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T02-F	1	6.25E+02		6.25E+02	0.34	1.80	5.70					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T03-F	1	4.50E+02		4.50E+02	9.95	1.80	5.70	10000	1000	1.46E+03	101%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T04-F	1	5.36E+02		5.36E+02	1.20	1.80	5.70					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T05-F	1	5.63E+02		5.63E+02	0.39	1.80	5.70					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T06-F	1	3.12E+02		3.12E+02	0.69	1.80	5.70					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T07-F	1	1.93E+02		1.93E+02	1.30	1.80	5.70					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T08-F	1	1.16E+02		1.16E+02	2.74	1.80	5.70					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Ni	CFS-LRef-1314-T09-F	1	8.24E+01		8.24E+01	5.77	1.80	5.70					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-LRef-1314-T01-D	1	4.41E+01		4.41E+01	4.48	3.70	11.80					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T02-D	1	2.55E+01		2.55E+01	1.39	3.70	11.80					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T03-D	1	2.05E+01		2.05E+01	1.93	3.70	11.80	10000	1000	9.82E+02	96%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T04-D	1	1.90E+01		1.90E+01	5.08	3.70	11.80					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T05-D	1	2.17E+01		2.17E+01	3.06	3.70	11.80					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T06-D	1	3.05E+01		3.05E+01	8.88	3.70	11.80					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T07-D	1	1.67E+01		1.67E+01	8.05	3.70	11.80					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T08-D	1	2.04E+01		2.04E+01	5.46	3.70	11.80					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T09-D	1	2.51E+01		2.51E+01	2.69	3.70	11.80					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T01-E	1	4.85E+01		4.85E+01	7.68	3.70	11.80					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T02-E	1	2.80E+01		2.80E+01	1.78	3.70	11.80					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T03-E	1	2.48E+01		2.48E+01	3.35	3.70	11.80	10000	1000	1.05E+03	102%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T04-E	1	2.23E+01		2.23E+01	4.29	3.70	11.80					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T05-E	1	1.41E+01		1.41E+01	3.45	3.70	11.80					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T06-E	1	2.82E+01		2.82E+01	13.41	3.70	11.80					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T07-E	1	2.36E+01		2.36E+01	4.11	3.70	11.80					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T08-E	1	2.00E+01		2.00E+01	2.43	3.70	11.80					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T09-E	1	1.79E+01		1.79E+01	4.72	3.70	11.80					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T01-F	1	5.62E+01		5.62E+01	3.90	3.70	11.80					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T02-F	1	3.97E+01		3.97E+01	2.25	3.70	11.80					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T03-F	1	2.81E+01		2.81E+01	3.58	3.70	11.80	10000	1000	9.91E+02	96%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T04-F	1	1.97E+01		1.97E+01	2.42	3.70	11.80					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T05-F	1	1.89E+01		1.89E+01	2.10	3.70	11.80					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T06-F	1	2.36E+01		2.36E+01	3.82	3.70	11.80					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T07-F	1	1.54E+01		1.54E+01	2.40	3.70	11.80					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T08-F	1	2.05E+01		2.05E+01	14.88	3.70	11.80					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
P	CFS-LRef-1314-T09-F	1	1.79E+01		1.79E+01	2.19	3.70	11.80					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-LRef-1314-T01-D	1	1.38E+05		1.38E+05	0.64	1.60	5.09					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T02-D	1	5.08E+04		5.08E+04	0.28	1.60	5.09					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T03-D	1	2.39E+04		2.39E+04	0.79	1.60	5.09	10000	1000	2.48E+04	91%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T04-D	1	2.17E+04		2.17E+04	0.14	1.60	5.09					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T05-D	1	1.43E+04		1.43E+04	0.43	1.60	5.09					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T06-D	1	6.83E+03		6.83E+03	0.47	1.60	5.09					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T07-D	1	4.07E+03		4.07E+03	0.08	1.60	5.09					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T08-D	1	2.48E+03		2.48E+03	0.79	1.60	5.09					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T09-D	1	1.81E+03		1.81E+03	1.02	1.60	5.09					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T01-E	1	1.44E+05		1.44E+05	1.49	1.60	5.09					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T02-E	1	5.80E+04		5.80E+04	0.67	1.60	5.09					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T03-E	1	2.45E+04		2.45E+04	1.26	1.60	5.09	10000	1000	2.54E+04	92%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T04-E	1	2.29E+04		2.29E+04	0.78	1.60	5.09					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T05-E	1	1.46E+04		1.46E+04	0.51	1.60	5.09					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T06-E	1	7.50E+03		7.50E+03	0.25	1.60	5.09					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T07-E	1	4.41E+03		4.41E+03	1.11	1.60	5.09					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T08-E	1	2.68E+03		2.68E+03	0.50	1.60	5.09					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T09-E	1	1.89E+03		1.89E+03	1.66	1.60	5.09					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T01-F	1	1.48E+05		1.48E+05	0.26	1.60	5.09					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T02-F	1	5.65E+04		5.65E+04	0.12	1.60	5.09					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T03-F	1	2.92E+04		2.92E+04	0.89	1.60	5.09	10000	1000	3.01E+04	91%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T04-F	1	2.30E+04		2.30E+04	1.27	1.60	5.09					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T05-F	1	1.53E+04		1.53E+04	0.58	1.60	5.09					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T06-F	1	7.32E+03		7.32E+03	0.26	1.60	5.09					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T07-F	1	4.42E+03		4.42E+03	0.74	1.60	5.09					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T08-F	1	2.76E+03		2.76E+03	1.06	1.60	5.09					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
K	CFS-LRef-1314-T09-F	1	2.07E+03		2.07E+03	1.30	1.60	5.09					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-LRef-1314-T01-D	1	1.97E+03		1.97E+03	1.09	15.00	47.70					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T02-D	1	2.96E+02		2.96E+02	1.89	15.00	47.70					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T03-D	1	7.14E+01		7.14E+01	5.58	15.00	47.70	10000	1000	1.14E+03	107%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T04-D	1	5.40E+01		5.40E+01	9.64	15.00	47.70					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T05-D	1	3.32E+01	E	3.32E+01	3.56	15.00	47.70					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T06-D	1	2.54E+01	E	2.54E+01	18.58	15.00	47.70					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T07-D	1	2.60E+01	E	2.60E+01	24.68	15.00	47.70					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T08-D	1	7.50E+00	U1/2	7.50E+00	35.15	15.00	47.70					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T09-D	1	7.50E+00	U1/2	7.50E+00	20.55	15.00	47.70					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T01-E	1	1.83E+03		1.83E+03	0.91	15.00	47.70					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T02-E	1	3.52E+02		3.52E+02	4.23	15.00	47.70					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T03-E	1	7.46E+01		7.46E+01	8.69	15.00	47.70	10000	1000	1.16E+03	109%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T04-E	1	5.00E+01		5.00E+01	3.30	15.00	47.70					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T05-E	1	3.39E+01	E	3.39E+01	9.59	15.00	47.70					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T06-E	1	2.66E+01	E	2.66E+01	16.94	15.00	47.70					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T07-E	1	2.23E+01	E	2.23E+01	25.35	15.00	47.70					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T08-E	1	7.50E+00	U1/2	7.50E+00	13.55	15.00	47.70					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T09-E	1	7.50E+00	U1/2	7.50E+00	15.72	15.00	47.70					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T01-F	1	1.95E+03		1.95E+03	0.89	15.00	47.70					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T02-F	1	3.79E+02		3.79E+02	1.20	15.00	47.70					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T03-F	1	8.98E+01		8.98E+01	1.32	15.00	47.70	10000	1000	1.13E+03	104%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T04-F	1	7.94E+01		7.94E+01	3.44	15.00	47.70					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T05-F	1	3.83E+01	E	3.83E+01	10.48	15.00	47.70					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T06-F	1	2.43E+01	E	2.43E+01	14.41	15.00	47.70					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T07-F	1	2.19E+01	E	2.19E+01	11.20	15.00	47.70					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T08-F	1	7.50E+00	U1/2	7.50E+00	31.62	15.00	47.70					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Se	CFS-LRef-1314-T09-F	1	7.50E+00	U1/2	7.50E+00	38.38	15.00	47.70					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-LRef-1314-T01-D	1	7.43E+03		7.43E+03	0.30	1.10	3.50					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T02-D	1	6.78E+03		6.78E+03	0.23	1.10	3.50					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T03-D	1	5.96E+03		5.96E+03	1.50	1.10	3.50	10000	1000	6.93E+03	97%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T04-D	1	6.33E+03		6.33E+03	0.74	1.10	3.50					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T05-D	1	6.04E+03		6.04E+03	1.85	1.10	3.50					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T06-D	1	5.41E+03		5.41E+03	0.82	1.10	3.50					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T07-D	1	5.07E+03		5.07E+03	0.52	1.10	3.50					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T08-D	1	4.42E+03		4.42E+03	1.74	1.10	3.50					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T09-D	1	4.21E+03		4.21E+03	0.17	1.10	3.50					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T01-E	1	7.94E+03		7.94E+03	1.05	1.10	3.50					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T02-E	1	7.30E+03		7.30E+03	0.56	1.10	3.50					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T03-E	1	6.19E+03		6.19E+03	1.86	1.10	3.50	10000	1000	7.12E+03	94%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T04-E	1	6.58E+03		6.58E+03	1.20	1.10	3.50					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T05-E	1	6.13E+03		6.13E+03	0.52	1.10	3.50					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T06-E	1	5.85E+03		5.85E+03	0.24	1.10	3.50					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T07-E	1	5.43E+03		5.43E+03	0.88	1.10	3.50					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T08-E	1	4.74E+03		4.74E+03	1.49	1.10	3.50					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T09-E	1	4.53E+03		4.53E+03	1.11	1.10	3.50					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T01-F	1	8.53E+03		8.53E+03	0.03	1.10	3.50					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T02-F	1	7.57E+03		7.57E+03	0.49	1.10	3.50					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T03-F	1	6.67E+03		6.67E+03	5.99	1.10	3.50	10000	1000	7.70E+03	103%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T04-F	1	7.22E+03		7.22E+03	1.72	1.10	3.50					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T05-F	1	6.57E+03		6.57E+03	1.00	1.10	3.50					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T06-F	1	5.67E+03		5.67E+03	0.47	1.10	3.50					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T07-F	1	5.54E+03		5.54E+03	0.56	1.10	3.50					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T08-F	1	4.93E+03		4.93E+03	0.64	1.10	3.50					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Si	CFS-LRef-1314-T09-F	1	4.79E+03		4.79E+03	7.60	1.10	3.50					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-LRef-1314-T01-D	1	3.15E+05		3.15E+05	0.49	2.50	8.00					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T02-D	1	4.83E+04		4.83E+04	0.31	2.50	8.00					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T03-D	1	8.15E+03		8.15E+03	0.92	2.50	8.00	10000	1000	9.09E+03	94%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T04-D	1	3.29E+03		3.29E+03	0.38	2.50	8.00					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T05-D	1	2.26E+03		2.26E+03	0.75	2.50	8.00					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T06-D	1	1.42E+03		1.42E+03	0.95	2.50	8.00					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T07-D	1	1.03E+03		1.03E+03	0.21	2.50	8.00					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T08-D	1	8.54E+02		8.54E+02	1.01	2.50	8.00					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T09-D	1	7.63E+02		7.63E+02	1.58	2.50	8.00					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T01-E	1	3.14E+05		3.14E+05	0.53	2.50	8.00					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T02-E	1	8.24E+04		8.24E+04	0.34	2.50	8.00					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T03-E	1	8.59E+03		8.59E+03	0.74	2.50	8.00	10000	1000	9.50E+03	91%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T04-E	1	4.57E+03		4.57E+03	0.94	2.50	8.00					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T05-E	1	2.88E+03		2.88E+03	0.36	2.50	8.00					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T06-E	1	1.78E+03		1.78E+03	0.48	2.50	8.00					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T07-E	1	1.32E+03		1.32E+03	0.22	2.50	8.00					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T08-E	1	1.03E+03		1.03E+03	0.46	2.50	8.00					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T09-E	1	8.40E+02		8.40E+02	1.34	2.50	8.00					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T01-F	1	3.15E+05		3.15E+05	0.43	2.50	8.00					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T02-F	1	6.92E+04		6.92E+04	0.27	2.50	8.00					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T03-F	1	9.39E+03		9.39E+03	0.73	2.50	8.00	10000	1000	1.03E+04	90%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T04-F	1	4.81E+03		4.81E+03	0.50	2.50	8.00					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T05-F	1	2.66E+03		2.66E+03	0.32	2.50	8.00					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T06-F	1	1.60E+03		1.60E+03	1.62	2.50	8.00					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T07-F	1	1.24E+03		1.24E+03	0.61	2.50	8.00					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T08-F	1	1.02E+03		1.02E+03	0.52	2.50	8.00					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Na	CFS-LRef-1314-T09-F	1	9.00E+02		9.00E+02	1.81	2.50	8.00					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-LRef-1314-T01-D	1	5.41E+03		5.41E+03	1.34	1.00	3.18					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T02-D	1	4.69E+03		4.69E+03	0.77	1.00	3.18					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T03-D	1	3.81E+03		3.81E+03	0.75	1.00	3.18	10000	1000	4.82E+03	101%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T04-D	1	3.56E+03		3.56E+03	1.18	1.00	3.18					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T05-D	1	2.33E+03		2.33E+03	1.72	1.00	3.18					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T06-D	1	1.72E+03		1.72E+03	0.15	1.00	3.18					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T07-D	1	1.58E+03		1.58E+03	0.76	1.00	3.18					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T08-D	1	1.35E+03		1.35E+03	1.50	1.00	3.18					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T09-D	1	1.35E+03		1.35E+03	0.38	1.00	3.18					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T01-E	1	5.48E+03		5.48E+03	2.21	1.00	3.18					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T02-E	1	4.10E+03		4.10E+03	0.98	1.00	3.18					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T03-E	1	3.86E+03		3.86E+03	2.32	1.00	3.18	10000	1000	4.85E+03	99%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T04-E	1	3.39E+03		3.39E+03	1.29	1.00	3.18					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T05-E	1	2.28E+03		2.28E+03	0.39	1.00	3.18					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T06-E	1	1.83E+03		1.83E+03	0.62	1.00	3.18					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T07-E	1	1.65E+03		1.65E+03	1.06	1.00	3.18					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T08-E	1	1.44E+03		1.44E+03	1.09	1.00	3.18					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T09-E	1	1.37E+03		1.37E+03	1.28	1.00	3.18					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T01-F	1	5.76E+03		5.76E+03	1.81	1.00	3.18					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T02-F	1	4.25E+03		4.25E+03	1.26	1.00	3.18					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T03-F	1	3.90E+03		3.90E+03	7.03	1.00	3.18	10000	1000	4.93E+03	103%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T04-F	1	3.45E+03		3.45E+03	2.22	1.00	3.18					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T05-F	1	2.43E+03		2.43E+03	0.82	1.00	3.18					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T06-F	1	1.72E+03		1.72E+03	0.73	1.00	3.18					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T07-F	1	1.68E+03		1.68E+03	0.44	1.00	3.18					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T08-F	1	1.47E+03		1.47E+03	0.55	1.00	3.18					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Sr	CFS-LRef-1314-T09-F	1	1.45E+03		1.45E+03	6.93	1.00	3.18					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-LRef-1314-T01-D	1	2.35E+06		2.35E+06	0.71	6.80	21.60					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T02-D	1	1.01E+06		1.01E+06	0.10	6.80	21.60					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T03-D	1	5.40E+05		5.40E+05	0.78	6.80	21.60	10000	1000	5.41E+05	89%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T04-D	1	5.56E+05		5.56E+05	0.31	6.80	21.60					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T05-D	1	5.43E+05		5.43E+05	0.40	6.80	21.60					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T06-D	1	5.25E+05		5.25E+05	0.89	6.80	21.60					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T07-D	1	5.26E+05		5.26E+05	0.33	6.80	21.60					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T08-D	1	5.00E+05		5.00E+05	0.89	6.80	21.60					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T09-D	1	5.07E+05		5.07E+05	1.08	6.80	21.60					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T01-E	1	2.49E+06		2.49E+06	1.47	6.80	21.60					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T02-E	1	1.08E+06		1.08E+06	0.69	6.80	21.60					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T03-E	1	5.48E+05		5.48E+05	1.16	6.80	21.60	10000	1000	5.49E+05	88%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T04-E	1	5.61E+05		5.61E+05	0.41	6.80	21.60					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T05-E	1	5.25E+05		5.25E+05	0.75	6.80	21.60					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T06-E	1	5.48E+05		5.48E+05	0.09	6.80	21.60					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T07-E	1	5.45E+05		5.45E+05	1.09	6.80	21.60					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T08-E	1	5.16E+05		5.16E+05	0.51	6.80	21.60					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T09-E	1	5.52E+05		5.52E+05	1.25	6.80	21.60					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T01-F	1	2.62E+06		2.62E+06	0.18	6.80	21.60					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T02-F	1	1.12E+06		1.12E+06	0.34	6.80	21.60					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T03-F	1	5.72E+05		5.72E+05	0.94	6.80	21.60	10000	1000	5.73E+05	88%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T04-F	1	5.54E+05		5.54E+05	1.18	6.80	21.60					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T05-F	1	5.52E+05		5.52E+05	1.08	6.80	21.60					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T06-F	1	5.67E+05		5.67E+05	0.35	6.80	21.60					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T07-F	1	5.43E+05		5.43E+05	0.63	6.80	21.60					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T08-F	1	5.25E+05		5.25E+05	0.95	6.80	21.60					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
S	CFS-LRef-1314-T09-F	1	5.57E+05		5.57E+05	9.71	6.80	21.60					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-LRef-1314-T01-D	1	1.88E+03		1.88E+03	1.21	4.60	14.60					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T02-D	1	8.77E+02		8.77E+02	0.34	4.60	14.60					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T03-D	1	4.64E+02		4.64E+02	1.92	4.60	14.60	10000	1000	1.48E+03	101%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T04-D	1	4.77E+02		4.77E+02	0.84	4.60	14.60					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T05-D	1	3.66E+02		3.66E+02	1.21	4.60	14.60					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T06-D	1	2.22E+02		2.22E+02	2.42	4.60	14.60					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T07-D	1	1.63E+02		1.63E+02	1.96	4.60	14.60					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T08-D	1	1.17E+02		1.17E+02	2.62	4.60	14.60					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T09-D	1	9.72E+01		9.72E+01	3.39	4.60	14.60					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T01-E	1	1.94E+03		1.94E+03	1.03	4.60	14.60					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T02-E	1	1.02E+03		1.02E+03	0.28	4.60	14.60					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T03-E	1	5.02E+02		5.02E+02	0.50	4.60	14.60	10000	1000	1.57E+03	107%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T04-E	1	5.14E+02		5.14E+02	1.28	4.60	14.60					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T05-E	1	3.80E+02		3.80E+02	2.29	4.60	14.60					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T06-E	1	2.51E+02		2.51E+02	1.81	4.60	14.60					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T07-E	1	1.76E+02		1.76E+02	3.29	4.60	14.60					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T08-E	1	1.22E+02		1.22E+02	4.93	4.60	14.60					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T09-E	1	1.07E+02		1.07E+02	5.09	4.60	14.60					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T01-F	1	2.06E+03		2.06E+03	0.52	4.60	14.60					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T02-F	1	9.89E+02		9.89E+02	0.25	4.60	14.60					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T03-F	1	5.83E+02		5.83E+02	0.31	4.60	14.60	10000	1000	1.58E+03	100%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T04-F	1	5.10E+02		5.10E+02	0.81	4.60	14.60					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T05-F	1	3.91E+02		3.91E+02	1.08	4.60	14.60					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T06-F	1	2.38E+02		2.38E+02	1.45	4.60	14.60					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T07-F	1	1.76E+02		1.76E+02	2.06	4.60	14.60					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T08-F	1	1.28E+02		1.28E+02	0.83	4.60	14.60					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Tl	CFS-LRef-1314-T09-F	1	1.16E+02		1.16E+02	0.81	4.60	14.60					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-LRef-1314-T01-D	1	1.00E+00	U1/2	1.00E+00	26.24	2.00	6.40					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T02-D	1	1.00E+00	U1/2	1.00E+00	13.74	2.00	6.40					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T03-D	1	1.00E+00	U1/2	1.00E+00	30.23	2.00	6.40	10000	1000	9.87E+02	99%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T04-D	1	1.00E+00	U1/2	1.00E+00	30.52	2.00	6.40					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T05-D	1	1.00E+00	U1/2	1.00E+00	43.21	2.00	6.40					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T06-D	1	1.00E+00	U1/2	1.00E+00	56.58	2.00	6.40					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T07-D	1	1.00E+00	U1/2	1.00E+00	74.29	2.00	6.40					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T08-D	1	1.00E+00	U1/2	1.00E+00	10.78	2.00	6.40					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T09-D	1	1.00E+00	U1/2	1.00E+00	44.01	2.00	6.40					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T01-E	1	1.00E+00	U1/2	1.00E+00	17.94	2.00	6.40					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T02-E	1	1.00E+00	U1/2	1.00E+00	25.56	2.00	6.40					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T03-E	1	1.00E+00	U1/2	1.00E+00	30.65	2.00	6.40	10000	1000	1.08E+03	108%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T04-E	1	1.00E+00	U1/2	1.00E+00	41.83	2.00	6.40					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T05-E	1	1.00E+00	U1/2	1.00E+00	29.20	2.00	6.40					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T06-E	1	1.00E+00	U1/2	1.00E+00	14.31	2.00	6.40					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T07-E	1	1.00E+00	U1/2	1.00E+00	46.50	2.00	6.40					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T08-E	1	1.00E+00	U1/2	1.00E+00	65.08	2.00	6.40					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T09-E	1	1.00E+00	U1/2	1.00E+00	24.40	2.00	6.40					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T01-F	1	1.00E+00	U1/2	1.00E+00	16.35	2.00	6.40					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T02-F	1	1.00E+00	U1/2	1.00E+00	38.46	2.00	6.40					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T03-F	1	1.00E+00	U1/2	1.00E+00	32.46	2.00	6.40	10000	1000	1.01E+03	100%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T04-F	1	1.00E+00	U1/2	1.00E+00	19.65	2.00	6.40					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T05-F	1	1.00E+00	U1/2	1.00E+00	50.69	2.00	6.40					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T06-F	1	1.00E+00	U1/2	1.00E+00	61.29	2.00	6.40					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T07-F	1	1.00E+00	U1/2	1.00E+00	10.19	2.00	6.40					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T08-F	1	1.00E+00	U1/2	1.00E+00	32.69	2.00	6.40					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Ti	CFS-LRef-1314-T09-F	1	1.00E+00	U1/2	1.00E+00	31.26	2.00	6.40					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-LRef-1314-T01-D	1	2.15E+01		2.15E+01	8.17	1.50	4.77					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T02-D	1	3.42E+01		3.42E+01	4.31	1.50	4.77					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T03-D	1	2.40E+01		2.40E+01	0.32	1.50	4.77	10000	1000	1.01E+03	99%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T04-D	1	4.02E+01		4.02E+01	1.13	1.50	4.77					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T05-D	1	4.04E+01		4.04E+01	2.20	1.50	4.77					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T06-D	1	4.01E+01		4.01E+01	1.09	1.50	4.77					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T07-D	1	4.22E+01		4.22E+01	1.56	1.50	4.77					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T08-D	1	3.82E+01		3.82E+01	15.18	1.50	4.77					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T09-D	1	3.93E+01		3.93E+01	0.64	1.50	4.77					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T01-E	1	2.24E+01		2.24E+01	9.49	1.50	4.77					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T02-E	1	3.38E+01		3.38E+01	3.92	1.50	4.77					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T03-E	1	2.59E+01		2.59E+01	1.12	1.50	4.77	10000	1000	1.11E+03	108%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T04-E	1	3.90E+01		3.90E+01	1.72	1.50	4.77					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T05-E	1	3.77E+01		3.77E+01	2.33	1.50	4.77					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T06-E	1	4.05E+01		4.05E+01	3.78	1.50	4.77					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T07-E	1	4.11E+01		4.11E+01	2.37	1.50	4.77					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T08-E	1	3.90E+01		3.90E+01	0.27	1.50	4.77					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T09-E	1	4.08E+01		4.08E+01	1.83	1.50	4.77					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T01-F	1	2.96E+01		2.96E+01	4.70	1.50	4.77					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T02-F	1	3.32E+01		3.32E+01	2.20	1.50	4.77					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T03-F	1	3.09E+01		3.09E+01	2.55	1.50	4.77	10000	1000	1.03E+03	100%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T04-F	1	3.98E+01		3.98E+01	1.01	1.50	4.77					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T05-F	1	4.13E+01		4.13E+01	2.04	1.50	4.77					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T06-F	1	4.03E+01		4.03E+01	2.50	1.50	4.77					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T07-F	1	4.13E+01		4.13E+01	3.52	1.50	4.77					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T08-F	1	4.07E+01		4.07E+01	1.71	1.50	4.77					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
V	CFS-LRef-1314-T09-F	1	4.32E+01		4.32E+01	1.33	1.50	4.77					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-LRef-1314-T01-D	1	6.24E+04		6.24E+04	0.21	1.00	3.18					VU ICP-OES	8/29/11 11:50 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T02-D	1	3.25E+04		3.25E+04	0.80	1.00	3.18					VU ICP-OES	8/29/11 4:04 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T03-D	1	3.40E+04		3.40E+04	0.59	1.00	3.18	10000	1000	3.50E+04	94%	VU ICP-OES	8/29/11 11:52 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T04-D	1	3.38E+04		3.38E+04	0.98	1.00	3.18					VU ICP-OES	8/29/11 4:08 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T05-D	1	3.55E+04		3.55E+04	0.90	1.00	3.18					VU ICP-OES	8/29/11 4:09 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T06-D	1	3.00E+04		3.00E+04	0.93	1.00	3.18					VU ICP-OES	8/29/11 4:11 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T07-D	1	2.41E+04		2.41E+04	1.26	1.00	3.18					VU ICP-OES	8/29/11 4:13 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T08-D	1	1.75E+04		1.75E+04	1.70	1.00	3.18					VU ICP-OES	8/29/11 4:14 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T09-D	1	1.44E+04		1.44E+04	0.54	1.00	3.18					VU ICP-OES	8/29/11 4:16 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T01-E	1	6.41E+04		6.41E+04	1.10	1.00	3.18					VU ICP-OES	8/29/11 11:53 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T02-E	1	4.74E+04		4.74E+04	0.63	1.00	3.18					VU ICP-OES	8/29/11 4:26 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T03-E	1	3.52E+04		3.52E+04	0.92	1.00	3.18	10000	1000	3.61E+04	91%	VU ICP-OES	8/29/11 11:55 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T04-E	1	4.48E+04		4.48E+04	0.80	1.00	3.18					VU ICP-OES	8/29/11 4:29 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T05-E	1	4.32E+04		4.32E+04	1.46	1.00	3.18					VU ICP-OES	8/29/11 4:31 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T06-E	1	3.55E+04		3.55E+04	0.71	1.00	3.18					VU ICP-OES	8/29/11 4:32 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T07-E	1	2.70E+04		2.70E+04	1.56	1.00	3.18					VU ICP-OES	8/29/11 4:34 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T08-E	1	1.89E+04		1.89E+04	0.59	1.00	3.18					VU ICP-OES	8/29/11 4:36 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T09-E	1	1.51E+04		1.51E+04	0.93	1.00	3.18					VU ICP-OES	8/29/11 4:37 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T01-F	1	7.21E+04		7.21E+04	0.58	1.00	3.18					VU ICP-OES	8/29/11 4:39 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T02-F	1	4.81E+04		4.81E+04	0.79	1.00	3.18					VU ICP-OES	8/29/11 4:41 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T03-F	1	3.90E+04		3.90E+04	1.87	1.00	3.18	10000	1000	3.99E+04	91%	VU ICP-OES	8/29/11 4:42 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T04-F	1	4.27E+04		4.27E+04	1.88	1.00	3.18					VU ICP-OES	8/29/11 4:44 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T05-F	1	4.60E+04		4.60E+04	1.02	1.00	3.18					VU ICP-OES	8/29/11 4:46 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T06-F	1	2.77E+04		2.77E+04	0.71	1.00	3.18					VU ICP-OES	8/29/11 11:57 AM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T07-F	1	2.78E+04		2.78E+04	0.49	1.00	3.18					VU ICP-OES	8/29/11 4:49 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T08-F	1	1.99E+04		1.99E+04	0.38	1.00	3.18					VU ICP-OES	8/29/11 4:51 PM	EPA Interlab LRef 1314 CFS
Zn	CFS-LRef-1314-T09-F	1	1.63E+04		1.63E+04	5.91	1.00	3.18					VU ICP-OES	8/29/11 4:52 PM	EPA Interlab LRef 1314 CFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	JaFS-L01-1314-T01-A	1	6.97E+01		6.97E+01	2.00	1.00	3.18					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T02-A	1	1.48E+01		1.48E+01	6.68	1.00	3.18					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T03-A	1	2.03E+01		2.03E+01	2.92	1.00	3.18	10000	1000	1.02E+03	100%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T04-A	1	2.51E+01		2.51E+01	1.47	1.00	3.18					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T05-A	1	1.24E+01		1.24E+01	5.29	1.00	3.18					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T06-A	1	1.77E+01		1.77E+01	6.79	1.00	3.18					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T07-A	1	1.58E+01		1.58E+01	9.37	1.00	3.18					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T08-A	1	1.95E+01		1.95E+01	5.16	1.00	3.18					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T09-A	1	3.13E+01		3.13E+01	4.86	1.00	3.18					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T01-B	1	9.16E+01		9.16E+01	0.80	1.00	3.18					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T02-B	1	5.16E+01		5.16E+01	4.29	1.00	3.18					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T03-B	1	1.56E+01		1.56E+01	8.25	1.00	3.18	10000	1000	9.77E+02	96%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T04-B	1	1.79E+01		1.79E+01	4.36	1.00	3.18					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T05-B	1	1.17E+01		1.17E+01	10.06	1.00	3.18					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T06-B	1	2.13E+01		2.13E+01	5.89	1.00	3.18					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T07-B	1	2.09E+01		2.09E+01	6.06	1.00	3.18					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T08-B	1	2.14E+01		2.14E+01	4.45	1.00	3.18					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T09-B	1	1.07E+01		1.07E+01	7.90	1.00	3.18					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T01-C	1	9.73E+01		9.73E+01	3.21	1.00	3.18					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T02-C	1	2.08E+01		2.08E+01	1.45	1.00	3.18					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T03-C	1	1.15E+01		1.15E+01	5.53	1.00	3.18	10000	1000	9.26E+02	91%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T04-C	1	1.15E+01		1.15E+01	7.25	1.00	3.18					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T05-C	1	8.22E+00		8.22E+00	3.29	1.00	3.18					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T06-C	1	7.01E+01		7.01E+01	1.52	1.00	3.18					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T07-C	1	5.94E+00		5.94E+00	1.12	1.00	3.18					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T08-C	1	1.11E+01		1.11E+01	10.84	1.00	3.18					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-T09-C	1	8.00E+00		8.00E+00	7.82	1.00	3.18					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Al	JaFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	48.06	1.00	3.18					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	JaFS-L01-1314-T01-A	1	3.75E+00	U1/2	3.75E+00	19.68	7.50	23.90					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T02-A	1	3.75E+00	U1/2	3.75E+00	10.71	7.50	23.90					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T03-A	1	3.75E+00	U1/2	3.75E+00	10.39	7.50	23.90	10000	1000	9.31E+02	93%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T04-A	1	3.75E+00	U1/2	3.75E+00	12.38	7.50	23.90					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T05-A	1	3.75E+00	U1/2	3.75E+00	29.26	7.50	23.90					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T06-A	1	3.75E+00	U1/2	3.75E+00	14.07	7.50	23.90					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T07-A	1	3.75E+00	U1/2	3.75E+00	23.97	7.50	23.90					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T08-A	1	3.75E+00	U1/2	3.75E+00	35.17	7.50	23.90					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T09-A	1	3.75E+00	U1/2	3.75E+00	30.09	7.50	23.90					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T01-B	1	3.75E+00	U1/2	3.75E+00	34.87	7.50	23.90					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T02-B	1	3.75E+00	U1/2	3.75E+00	24.01	7.50	23.90					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T03-B	1	3.75E+00	U1/2	3.75E+00	32.92	7.50	23.90	10000	1000	9.26E+02	92%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T04-B	1	3.75E+00	U1/2	3.75E+00	18.11	7.50	23.90					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T05-B	1	3.75E+00	U1/2	3.75E+00	37.79	7.50	23.90					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T06-B	1	3.75E+00	U1/2	3.75E+00	31.91	7.50	23.90					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T07-B	1	3.75E+00	U1/2	3.75E+00	22.12	7.50	23.90					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T08-B	1	3.75E+00	U1/2	3.75E+00	16.32	7.50	23.90					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T09-B	1	3.75E+00	U1/2	3.75E+00	23.90	7.50	23.90					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T01-C	1	3.75E+00	U1/2	3.75E+00	25.73	7.50	23.90					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T02-C	1	3.75E+00	U1/2	3.75E+00	12.07	7.50	23.90					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T03-C	1	3.75E+00	U1/2	3.75E+00	22.51	7.50	23.90	10000	1000	9.33E+02	93%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T04-C	1	3.75E+00	U1/2	3.75E+00	33.79	7.50	23.90					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T05-C	1	3.75E+00	U1/2	3.75E+00	24.91	7.50	23.90					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T06-C	1	3.75E+00	U1/2	3.75E+00	30.80	7.50	23.90					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T07-C	1	3.75E+00	U1/2	3.75E+00	27.99	7.50	23.90					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T08-C	1	3.75E+00	U1/2	3.75E+00	14.90	7.50	23.90					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-T09-C	1	3.75E+00	U1/2	3.75E+00	37.86	7.50	23.90					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Sb	JaFS-L01-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	26.70	7.50	23.90					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	JaFS-L01-1314-T01-A	1	5.50E+00	U1/2	5.50E+00	23.14	11.00	35.00					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T02-A	1	5.50E+00	U1/2	5.50E+00	25.69	11.00	35.00					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T03-A	1	5.50E+00	U1/2	5.50E+00	23.84	11.00	35.00	10000	1000	9.26E+02	92%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T04-A	1	5.50E+00	U1/2	5.50E+00	11.52	11.00	35.00					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T05-A	1	5.50E+00	U1/2	5.50E+00	22.09	11.00	35.00					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T06-A	1	5.50E+00	U1/2	5.50E+00	30.54	11.00	35.00					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T07-A	1	5.50E+00	U1/2	5.50E+00	33.16	11.00	35.00					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T08-A	1	5.50E+00	U1/2	5.50E+00	19.57	11.00	35.00					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T09-A	1	5.50E+00	U1/2	5.50E+00	4.30	11.00	35.00					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T01-B	1	5.50E+00	U1/2	5.50E+00	37.33	11.00	35.00					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T02-B	1	5.50E+00	U1/2	5.50E+00	10.36	11.00	35.00					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T03-B	1	5.50E+00	U1/2	5.50E+00	24.52	11.00	35.00	10000	1000	9.18E+02	91%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T04-B	1	5.50E+00	U1/2	5.50E+00	20.63	11.00	35.00					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T05-B	1	5.50E+00	U1/2	5.50E+00	37.58	11.00	35.00					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T06-B	1	5.50E+00	U1/2	5.50E+00	24.86	11.00	35.00					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T07-B	1	5.50E+00	U1/2	5.50E+00	31.17	11.00	35.00					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T08-B	1	5.50E+00	U1/2	5.50E+00	25.96	11.00	35.00					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T09-B	1	5.50E+00	U1/2	5.50E+00	36.93	11.00	35.00					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T01-C	1	5.50E+00	U1/2	5.50E+00	14.99	11.00	35.00					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T02-C	1	5.50E+00	U1/2	5.50E+00	33.44	11.00	35.00					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T03-C	1	5.50E+00	U1/2	5.50E+00	31.50	11.00	35.00	10000	1000	9.05E+02	90%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T04-C	1	5.50E+00	U1/2	5.50E+00	21.29	11.00	35.00					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T05-C	1	5.50E+00	U1/2	5.50E+00	35.13	11.00	35.00					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T06-C	1	5.50E+00	U1/2	5.50E+00	27.87	11.00	35.00					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T07-C	1	5.50E+00	U1/2	5.50E+00	9.64	11.00	35.00					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T08-C	1	5.50E+00	U1/2	5.50E+00	45.78	11.00	35.00					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-T09-C	1	5.50E+00	U1/2	5.50E+00	20.85	11.00	35.00					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
As	JaFS-L01-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	44.37	11.00	35.00					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	JaFS-L01-1314-T01-A	1	1.77E+05		1.77E+05	0.95	1.00	3.18					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T02-A	1	6.08E+04		6.08E+04	1.47	1.00	3.18					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T03-A	1	2.15E+04		2.15E+04	1.20	1.00	3.18	10000	1000	2.24E+04	89%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T04-A	1	8.76E+03		8.76E+03	1.50	1.00	3.18					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T05-A	1	5.46E+03		5.46E+03	1.64	1.00	3.18					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T06-A	1	2.38E+03		2.38E+03	1.14	1.00	3.18					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T07-A	1	1.39E+03		1.39E+03	1.36	1.00	3.18					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T08-A	1	8.33E+02		8.33E+02	2.71	1.00	3.18					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T09-A	1	5.93E+02		5.93E+02	1.37	1.00	3.18					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T01-B	1	2.03E+05		2.03E+05	1.08	1.00	3.18					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T02-B	1	6.45E+04		6.45E+04	0.17	1.00	3.18					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T03-B	1	2.19E+04		2.19E+04	0.95	1.00	3.18	10000	1000	2.28E+04	91%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T04-B	1	9.13E+03		9.13E+03	1.47	1.00	3.18					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T05-B	1	5.15E+03		5.15E+03	0.34	1.00	3.18					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T06-B	1	2.43E+03		2.43E+03	0.46	1.00	3.18					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T07-B	1	1.41E+03		1.41E+03	1.55	1.00	3.18					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T08-B	1	8.43E+02		8.43E+02	1.95	1.00	3.18					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T09-B	1	6.08E+02		6.08E+02	2.59	1.00	3.18					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T01-C	1	1.97E+05		1.97E+05	0.30	1.00	3.18					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T02-C	1	6.11E+04		6.11E+04	2.47	1.00	3.18					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T03-C	1	2.14E+04		2.14E+04	1.96	1.00	3.18	10000	1000	2.23E+04	90%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T04-C	1	8.94E+03		8.94E+03	1.22	1.00	3.18					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T05-C	1	5.46E+03		5.46E+03	2.72	1.00	3.18					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T06-C	1	2.45E+03		2.45E+03	0.76	1.00	3.18					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T07-C	1	1.41E+03		1.41E+03	2.28	1.00	3.18					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T08-C	1	8.89E+02		8.89E+02	1.62	1.00	3.18					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-T09-C	1	6.31E+02		6.31E+02	0.41	1.00	3.18					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
B	JaFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	9.13	1.00	3.18					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	JaFS-L01-1314-T01-A	1	1.29E+02		1.29E+02	0.90	1.00	3.18					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T02-A	1	9.14E+01		9.14E+01	1.67	1.00	3.18					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T03-A	1	4.21E+01		4.21E+01	1.03	1.00	3.18	10000	1000	9.85E+02	94%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T04-A	1	3.03E+01		3.03E+01	0.06	1.00	3.18					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T05-A	1	3.22E+01		3.22E+01	0.76	1.00	3.18					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T06-A	1	2.33E+01		2.33E+01	1.04	1.00	3.18					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T07-A	1	1.64E+01		1.64E+01	0.47	1.00	3.18					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T08-A	1	1.24E+01		1.24E+01	1.92	1.00	3.18					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T09-A	1	1.06E+01		1.06E+01	1.51	1.00	3.18					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T01-B	1	1.17E+02		1.17E+02	0.93	1.00	3.18					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T02-B	1	8.66E+01		8.66E+01	0.12	1.00	3.18					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T03-B	1	4.38E+01		4.38E+01	0.77	1.00	3.18	10000	1000	9.39E+02	90%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T04-B	1	3.09E+01		3.09E+01	1.72	1.00	3.18					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T05-B	1	3.30E+01		3.30E+01	0.54	1.00	3.18					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T06-B	1	2.37E+01		2.37E+01	0.43	1.00	3.18					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T07-B	1	1.76E+01		1.76E+01	1.75	1.00	3.18					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T08-B	1	1.28E+01		1.28E+01	1.10	1.00	3.18					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T09-B	1	1.04E+01		1.04E+01	2.14	1.00	3.18					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T01-C	1	1.23E+02		1.23E+02	0.89	1.00	3.18					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T02-C	1	1.12E+02		1.12E+02	1.03	1.00	3.18					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T03-C	1	4.89E+01		4.89E+01	0.86	1.00	3.18	10000	1000	9.31E+02	88%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T04-C	1	3.71E+01		3.71E+01	0.83	1.00	3.18					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T05-C	1	3.69E+01		3.69E+01	1.04	1.00	3.18					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T06-C	1	2.99E+01		2.99E+01	1.14	1.00	3.18					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T07-C	1	2.22E+01		2.22E+01	0.98	1.00	3.18					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T08-C	1	1.58E+01		1.58E+01	0.80	1.00	3.18					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-T09-C	1	1.13E+01		1.13E+01	0.19	1.00	3.18					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Ba	JaFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	10.62	1.00	3.18					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	JaFS-L01-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	39.01	1.90	6.00					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	7.32	1.90	6.00					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	21.16	1.90	6.00	10000	1000	9.13E+02	91%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	36.81	1.90	6.00					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	12.46	1.90	6.00					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	27.63	1.90	6.00					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	24.76	1.90	6.00					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	43.13	1.90	6.00					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	26.60	1.90	6.00					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	34.97	1.90	6.00					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	27.58	1.90	6.00					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	14.12	1.90	6.00	10000	1000	9.01E+02	90%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	15.77	1.90	6.00					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	18.15	1.90	6.00					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	26.47	1.90	6.00					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	25.41	1.90	6.00					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	35.86	1.90	6.00					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	11.92	1.90	6.00					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	24.33	1.90	6.00					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	4.32	1.90	6.00					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	18.58	1.90	6.00	10000	1000	9.26E+02	93%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	18.23	1.90	6.00					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	30.67	1.90	6.00					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	24.02	1.90	6.00					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	26.55	1.90	6.00					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	16.79	1.90	6.00					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	37.61	1.90	6.00					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Be	JaFS-L01-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	6.30	1.90	6.00					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	JaFS-L01-1314-T01-A	1	1.52E+01		1.52E+01	3.44	2.20	7.00					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T02-A	1	1.10E+00	U1/2	1.10E+00	11.11	2.20	7.00					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T03-A	1	1.10E+00	U1/2	1.10E+00	26.66	2.20	7.00	10000	1000	9.13E+02	91%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T04-A	1	1.10E+00	U1/2	1.10E+00	8.96	2.20	7.00					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T05-A	1	1.10E+00	U1/2	1.10E+00	11.67	2.20	7.00					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T06-A	1	1.10E+00	U1/2	1.10E+00	14.19	2.20	7.00					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T07-A	1	1.10E+00	U1/2	1.10E+00	13.07	2.20	7.00					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T08-A	1	1.10E+00	U1/2	1.10E+00	23.26	2.20	7.00					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T09-A	1	1.10E+00	U1/2	1.10E+00	25.01	2.20	7.00					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T01-B	1	2.09E+01		2.09E+01	0.44	2.20	7.00					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T02-B	1	1.10E+00	U1/2	1.10E+00	8.71	2.20	7.00					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T03-B	1	1.10E+00	U1/2	1.10E+00	20.01	2.20	7.00	10000	1000	9.26E+02	92%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T04-B	1	1.10E+00	U1/2	1.10E+00	18.56	2.20	7.00					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T05-B	1	1.10E+00	U1/2	1.10E+00	20.93	2.20	7.00					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T06-B	1	1.10E+00	U1/2	1.10E+00	20.90	2.20	7.00					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T07-B	1	1.10E+00	U1/2	1.10E+00	18.68	2.20	7.00					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T08-B	1	1.10E+00	U1/2	1.10E+00	24.38	2.20	7.00					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T09-B	1	1.10E+00	U1/2	1.10E+00	28.80	2.20	7.00					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T01-C	1	2.12E+01		2.12E+01	1.79	2.20	7.00					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T02-C	1	1.10E+00	U1/2	1.10E+00	1.47	2.20	7.00					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T03-C	1	1.10E+00	U1/2	1.10E+00	18.88	2.20	7.00	10000	1000	9.05E+02	90%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T04-C	1	1.10E+00	U1/2	1.10E+00	11.66	2.20	7.00					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T05-C	1	1.10E+00	U1/2	1.10E+00	7.44	2.20	7.00					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T06-C	1	1.10E+00	U1/2	1.10E+00	5.90	2.20	7.00					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T07-C	1	1.10E+00	U1/2	1.10E+00	12.96	2.20	7.00					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T08-C	1	1.10E+00	U1/2	1.10E+00	26.28	2.20	7.00					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-T09-C	1	1.10E+00	U1/2	1.10E+00	21.30	2.20	7.00					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Cd	JaFS-L01-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	15.83	2.20	7.00					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	JaFS-L01-1314-T01-A	1	2.99E+05		2.99E+05	1.21	2.60	8.30					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T02-A	1	2.42E+04		2.42E+04	0.82	2.60	8.30					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T03-A	1	1.56E+04		1.56E+04	1.10	2.60	8.30	10000	1000	1.65E+04	90%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T04-A	1	1.47E+04		1.47E+04	0.24	2.60	8.30					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T05-A	1	1.62E+04		1.62E+04	0.77	2.60	8.30					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T06-A	1	1.36E+04		1.36E+04	0.82	2.60	8.30					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T07-A	1	1.12E+04		1.12E+04	0.53	2.60	8.30					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T08-A	1	9.74E+03		9.74E+03	1.57	2.60	8.30					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T09-A	1	9.21E+03		9.21E+03	1.34	2.60	8.30					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T01-B	1	3.89E+05		3.89E+05	0.67	2.60	8.30					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T02-B	1	3.19E+04		3.19E+04	0.03	2.60	8.30					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T03-B	1	1.61E+04		1.61E+04	0.96	2.60	8.30	10000	1000	1.71E+04	92%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T04-B	1	1.50E+04		1.50E+04	1.05	2.60	8.30					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T05-B	1	1.65E+04		1.65E+04	0.88	2.60	8.30					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T06-B	1	1.38E+04		1.38E+04	0.51	2.60	8.30					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T07-B	1	1.17E+04		1.17E+04	1.61	2.60	8.30					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T08-B	1	9.86E+03		9.86E+03	1.23	2.60	8.30					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T09-B	1	9.16E+03		9.16E+03	2.04	2.60	8.30					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T01-C	1	3.26E+05		3.26E+05	0.47	2.60	8.30					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T02-C	1	3.26E+04		3.26E+04	0.96	2.60	8.30					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T03-C	1	1.79E+04		1.79E+04	1.02	2.60	8.30	10000	1000	1.88E+04	86%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T04-C	1	1.69E+04		1.69E+04	1.42	2.60	8.30					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T05-C	1	1.77E+04		1.77E+04	0.90	2.60	8.30					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T06-C	1	1.54E+04		1.54E+04	1.37	2.60	8.30					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T07-C	1	1.36E+04		1.36E+04	0.87	2.60	8.30					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T08-C	1	1.13E+04		1.13E+04	0.51	2.60	8.30					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-T09-C	1	9.98E+03		9.98E+03	0.31	2.60	8.30					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Ca	JaFS-L01-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	10.20	2.60	8.30					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	JaFS-L01-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	28.40	1.20	3.82					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	31.40	1.20	3.82					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	8.04	1.20	3.82	10000	1000	9.01E+02	90%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	14.83	1.20	3.82					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	11.12	1.20	3.82					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	7.42	1.20	3.82					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	9.82	1.20	3.82					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	16.76	1.20	3.82					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	24.28	1.20	3.82					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	22.28	1.20	3.82					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	11.60	1.20	3.82					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	14.33	1.20	3.82	10000	1000	9.40E+02	94%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	12.85	1.20	3.82					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	9.17	1.20	3.82					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	15.96	1.20	3.82					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	24.74	1.20	3.82					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	24.56	1.20	3.82					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	18.53	1.20	3.82					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	12.53	1.20	3.82					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	9.99	1.20	3.82					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	20.47	1.20	3.82	10000	1000	9.22E+02	92%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	13.63	1.20	3.82					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	10.33	1.20	3.82					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	24.35	1.20	3.82					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	8.22	1.20	3.82					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	18.06	1.20	3.82					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	32.17	1.20	3.82					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Cr	JaFS-L01-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	20.58	1.20	3.82					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	JaFS-L01-1314-T01-A	1	9.00E-01	U1/2	9.00E-01	21.38	1.80	5.72					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T02-A	1	9.00E-01	U1/2	9.00E-01	16.56	1.80	5.72					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T03-A	1	9.00E-01	U1/2	9.00E-01	17.43	1.80	5.72	10000	1000	9.04E+02	90%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	20.56	1.80	5.72					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	22.73	1.80	5.72					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	32.85	1.80	5.72					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	14.41	1.80	5.72					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	30.83	1.80	5.72					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	20.27	1.80	5.72					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T01-B	1	9.00E-01	U1/2	9.00E-01	32.95	1.80	5.72					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T02-B	1	9.00E-01	U1/2	9.00E-01	26.30	1.80	5.72					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T03-B	1	9.00E-01	U1/2	9.00E-01	31.62	1.80	5.72	10000	1000	9.10E+02	91%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	28.07	1.80	5.72					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	17.33	1.80	5.72					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	13.92	1.80	5.72					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	18.24	1.80	5.72					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	23.49	1.80	5.72					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	13.27	1.80	5.72					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T01-C	1	9.00E-01	U1/2	9.00E-01	9.68	1.80	5.72					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T02-C	1	9.00E-01	U1/2	9.00E-01	8.82	1.80	5.72					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T03-C	1	9.00E-01	U1/2	9.00E-01	14.32	1.80	5.72	10000	1000	9.15E+02	91%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	8.20	1.80	5.72					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	22.47	1.80	5.72					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	23.09	1.80	5.72					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	16.73	1.80	5.72					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	28.03	1.80	5.72					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	31.78	1.80	5.72					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Co	JaFS-L01-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	17.03	1.80	5.72					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	JaFS-L01-1314-T01-A	1	1.20E+03		1.20E+03	1.54	3.70	11.80					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T02-A	1	8.26E+02		8.26E+02	0.89	3.70	11.80					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T03-A	1	5.20E+02		5.20E+02	1.16	3.70	11.80	10000	1000	1.46E+03	94%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T04-A	1	3.30E+02		3.30E+02	1.04	3.70	11.80					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T05-A	1	2.56E+02		2.56E+02	0.54	3.70	11.80					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T06-A	1	1.94E+02		1.94E+02	0.83	3.70	11.80					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T07-A	1	1.53E+02		1.53E+02	1.70	3.70	11.80					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T08-A	1	1.02E+02		1.02E+02	1.84	3.70	11.80					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T09-A	1	7.32E+01		7.32E+01	0.80	3.70	11.80					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T01-B	1	1.37E+03		1.37E+03	0.99	3.70	11.80					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T02-B	1	8.88E+02		8.88E+02	0.61	3.70	11.80					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T03-B	1	5.29E+02		5.29E+02	1.03	3.70	11.80	10000	1000	1.49E+03	96%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T04-B	1	3.44E+02		3.44E+02	1.18	3.70	11.80					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T05-B	1	2.68E+02		2.68E+02	0.46	3.70	11.80					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T06-B	1	2.00E+02		2.00E+02	0.47	3.70	11.80					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T07-B	1	1.59E+02		1.59E+02	0.27	3.70	11.80					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T08-B	1	9.99E+01		9.99E+01	1.85	3.70	11.80					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T09-B	1	6.73E+01		6.73E+01	2.88	3.70	11.80					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T01-C	1	1.39E+03		1.39E+03	0.76	3.70	11.80					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T02-C	1	8.63E+02		8.63E+02	1.63	3.70	11.80					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T03-C	1	5.17E+02		5.17E+02	0.48	3.70	11.80	10000	1000	1.40E+03	88%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T04-C	1	3.36E+02		3.36E+02	1.14	3.70	11.80					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T05-C	1	2.64E+02		2.64E+02	0.91	3.70	11.80					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T06-C	1	1.77E+02		1.77E+02	0.43	3.70	11.80					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T07-C	1	1.26E+02		1.26E+02	1.40	3.70	11.80					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T08-C	1	9.09E+01		9.09E+01	0.62	3.70	11.80					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-T09-C	1	6.32E+01		6.32E+01	0.43	3.70	11.80					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Cu	JaFS-L01-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	30.94	3.70	11.80					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	JaFS-L01-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	9.25	2.00	6.40					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	5.59	2.00	6.40					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	9.44	2.00	6.40	10000	1000	9.21E+02	92%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	1.55	2.00	6.40					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	24.06	2.00	6.40					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	3.83	2.00	6.40					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	2.83	2.00	6.40					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	6.45	2.00	6.40					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	1.59	2.00	6.40					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	13.39	2.00	6.40					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	9.34	2.00	6.40					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	4.10	2.00	6.40	10000	1000	9.14E+02	91%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	5.41	2.00	6.40					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	12.38	2.00	6.40					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	5.36	2.00	6.40					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	3.76	2.00	6.40					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	2.26	2.00	6.40					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	3.95	2.00	6.40					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	11.99	2.00	6.40					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	4.35	2.00	6.40					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	9.25	2.00	6.40	10000	1000	9.22E+02	92%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	1.49	2.00	6.40					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	19.53	2.00	6.40					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	1.62	2.00	6.40					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	15.21	2.00	6.40					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	4.09	2.00	6.40					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	13.10	2.00	6.40					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Fe	JaFS-L01-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	20.72	2.00	6.40					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	JaFS-L01-1314-T01-A	1	7.50E+01		7.50E+01	3.04	6.80	21.60					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T02-A	1	1.18E+02		1.18E+02	2.87	6.80	21.60					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T03-A	1	9.59E+01		9.59E+01	1.01	6.80	21.60	10000	1000	9.68E+02	87%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T04-A	1	8.62E+01		8.62E+01	1.11	6.80	21.60					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T05-A	1	6.61E+01		6.61E+01	1.84	6.80	21.60					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T06-A	1	5.42E+01		5.42E+01	3.46	6.80	21.60					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T07-A	1	4.83E+01		4.83E+01	8.16	6.80	21.60					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T08-A	1	4.24E+01		4.24E+01	5.74	6.80	21.60					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T09-A	1	3.98E+01		3.98E+01	3.39	6.80	21.60					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T01-B	1	8.57E+01		8.57E+01	1.43	6.80	21.60					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T02-B	1	1.17E+02		1.17E+02	1.45	6.80	21.60					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T03-B	1	1.07E+02		1.07E+02	3.49	6.80	21.60	10000	1000	9.74E+02	87%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T04-B	1	8.21E+01		8.21E+01	6.22	6.80	21.60					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T05-B	1	7.18E+01		7.18E+01	0.83	6.80	21.60					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T06-B	1	6.18E+01		6.18E+01	3.54	6.80	21.60					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T07-B	1	5.16E+01		5.16E+01	11.66	6.80	21.60					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T08-B	1	4.54E+01		4.54E+01	2.99	6.80	21.60					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T09-B	1	3.09E+01		3.09E+01	3.61	6.80	21.60					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T01-C	1	8.77E+01		8.77E+01	1.78	6.80	21.60					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T02-C	1	1.24E+02		1.24E+02	0.82	6.80	21.60					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T03-C	1	1.04E+02		1.04E+02	1.64	6.80	21.60	10000	1000	1.00E+03	90%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T04-C	1	9.54E+01		9.54E+01	3.98	6.80	21.60					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T05-C	1	8.28E+01		8.28E+01	4.87	6.80	21.60					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T06-C	1	7.41E+01		7.41E+01	1.86	6.80	21.60					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T07-C	1	6.25E+01		6.25E+01	3.34	6.80	21.60					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T08-C	1	5.40E+01		5.40E+01	4.75	6.80	21.60					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-T09-C	1	3.57E+01		3.57E+01	7.30	6.80	21.60					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Pb	JaFS-L01-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	57.72	6.80	21.60					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	JaFS-L01-1314-T01-A	1	6.86E+01		6.86E+01	4.66	1.90	6.00					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T02-A	1	5.53E+00	E	5.53E+00	3.89	1.90	6.00					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T03-A	1	1.92E+00	E	1.92E+00	15.95	1.90	6.00	10000	1000	8.91E+02	89%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	12.11	1.90	6.00					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	6.54	1.90	6.00					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	7.51	1.90	6.00					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	15.55	1.90	6.00					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	14.22	1.90	6.00					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	9.14	1.90	6.00					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T01-B	1	7.08E+01		7.08E+01	2.99	1.90	6.00					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T02-B	1	8.36E+00		8.36E+00	4.04	1.90	6.00					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	8.36	1.90	6.00	10000	1000	8.79E+02	88%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	29.26	1.90	6.00					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	14.66	1.90	6.00					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	32.15	1.90	6.00					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	27.51	1.90	6.00					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	23.97	1.90	6.00					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	13.71	1.90	6.00					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T01-C	1	7.33E+01		7.33E+01	1.95	1.90	6.00					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T02-C	1	1.18E+01		1.18E+01	12.03	1.90	6.00					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T03-C	1	2.58E+00	E	2.58E+00	14.51	1.90	6.00	10000	1000	8.78E+02	88%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	9.96	1.90	6.00					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	20.13	1.90	6.00					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	16.52	1.90	6.00					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	13.66	1.90	6.00					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	10.72	1.90	6.00					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	12.26	1.90	6.00					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Li	JaFS-L01-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	7.37	1.90	6.00					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	JaFS-L01-1314-T01-A	1	2.25E+02		2.25E+02	1.35	2.00	6.40					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T02-A	1	2.52E+01		2.52E+01	1.05	2.00	6.40					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T03-A	1	1.81E+01		1.81E+01	0.68	2.00	6.40	10000	1000	9.42E+02	92%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T04-A	1	1.60E+01		1.60E+01	0.59	2.00	6.40					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T05-A	1	1.51E+01		1.51E+01	0.48	2.00	6.40					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T06-A	1	9.98E+00		9.98E+00	0.64	2.00	6.40					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T07-A	1	7.74E+00		7.74E+00	0.78	2.00	6.40					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T08-A	1	4.81E+00	E	4.81E+00	2.57	2.00	6.40					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T09-A	1	3.92E+00	E	3.92E+00	2.84	2.00	6.40					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T01-B	1	3.27E+02		3.27E+02	0.57	2.00	6.40					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T02-B	1	2.50E+01		2.50E+01	0.37	2.00	6.40					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T03-B	1	1.65E+01		1.65E+01	0.64	2.00	6.40	10000	1000	1.00E+03	98%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T04-B	1	1.42E+01		1.42E+01	1.43	2.00	6.40					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T05-B	1	1.37E+01		1.37E+01	0.96	2.00	6.40					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T06-B	1	9.95E+00		9.95E+00	0.78	2.00	6.40					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T07-B	1	8.03E+00		8.03E+00	1.81	2.00	6.40					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T08-B	1	5.22E+00	E	5.22E+00	2.31	2.00	6.40					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T09-B	1	4.54E+00	E	4.54E+00	1.96	2.00	6.40					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T01-C	1	2.76E+02		2.76E+02	0.74	2.00	6.40					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T02-C	1	2.97E+01		2.97E+01	2.45	2.00	6.40					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T03-C	1	2.15E+01		2.15E+01	1.57	2.00	6.40	10000	1000	9.40E+02	92%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T04-C	1	1.65E+01		1.65E+01	1.06	2.00	6.40					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T05-C	1	1.61E+01		1.61E+01	1.03	2.00	6.40					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T06-C	1	1.46E+01		1.46E+01	1.91	2.00	6.40					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T07-C	1	1.01E+01		1.01E+01	0.89	2.00	6.40					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T08-C	1	6.71E+00		6.71E+00	1.35	2.00	6.40					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-T09-C	1	4.32E+00	E	4.32E+00	1.12	2.00	6.40					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Mn	JaFS-L01-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	11.81	2.00	6.40					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	JaFS-L01-1314-T01-A	1	6.54E+04		6.54E+04	0.53	1.00	3.18					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T02-A	1	7.58E+03		7.58E+03	1.51	1.00	3.18					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T03-A	1	2.28E+03		2.28E+03	0.72	1.00	3.18	10000	1000	3.18E+03	90%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T04-A	1	2.09E+03		2.09E+03	0.79	1.00	3.18					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T05-A	1	2.27E+03		2.27E+03	0.65	1.00	3.18					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T06-A	1	1.80E+03		1.80E+03	1.44	1.00	3.18					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T07-A	1	1.39E+03		1.39E+03	1.71	1.00	3.18					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T08-A	1	1.13E+03		1.13E+03	1.94	1.00	3.18					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T09-A	1	1.05E+03		1.05E+03	1.03	1.00	3.18					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T01-B	1	6.71E+04		6.71E+04	0.44	1.00	3.18					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T02-B	1	8.07E+03		8.07E+03	0.86	1.00	3.18					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T03-B	1	2.16E+03		2.16E+03	1.05	1.00	3.18	10000	1000	3.08E+03	92%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T04-B	1	1.99E+03		1.99E+03	2.21	1.00	3.18					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T05-B	1	2.21E+03		2.21E+03	0.82	1.00	3.18					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T06-B	1	1.77E+03		1.77E+03	0.64	1.00	3.18					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T07-B	1	1.44E+03		1.44E+03	1.90	1.00	3.18					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T08-B	1	1.14E+03		1.14E+03	1.14	1.00	3.18					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T09-B	1	1.01E+03		1.01E+03	2.03	1.00	3.18					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T01-C	1	6.75E+04		6.75E+04	0.85	1.00	3.18					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T02-C	1	7.98E+03		7.98E+03	1.27	1.00	3.18					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T03-C	1	2.89E+03		2.89E+03	1.49	1.00	3.18	10000	1000	3.76E+03	87%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T04-C	1	2.62E+03		2.62E+03	1.22	1.00	3.18					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T05-C	1	2.71E+03		2.71E+03	1.41	1.00	3.18					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T06-C	1	2.27E+03		2.27E+03	1.35	1.00	3.18					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T07-C	1	1.80E+03		1.80E+03	2.29	1.00	3.18					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T08-C	1	1.38E+03		1.38E+03	0.47	1.00	3.18					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-T09-C	1	1.15E+03		1.15E+03	0.17	1.00	3.18					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Mg	JaFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	5.92	1.00	3.18					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	JaFS-L01-1314-T01-A	1	1.42E+02		1.42E+02	2.67	1.20	3.82					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T02-A	1	4.88E+01		4.88E+01	1.97	1.20	3.82					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T03-A	1	1.77E+01		1.77E+01	5.92	1.20	3.82	10000	1000	9.50E+02	93%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T04-A	1	1.40E+01		1.40E+01	1.18	1.20	3.82					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T05-A	1	9.87E+00		9.87E+00	7.34	1.20	3.82					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T06-A	1	6.43E+00		6.43E+00	1.24	1.20	3.82					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T07-A	1	4.43E+00		4.43E+00	4.59	1.20	3.82					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T08-A	1	3.25E+00	E	3.25E+00	12.43	1.20	3.82					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T09-A	1	1.78E+00	E	1.78E+00	26.37	1.20	3.82					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T01-B	1	1.54E+02		1.54E+02	0.87	1.20	3.82					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T02-B	1	5.39E+01		5.39E+01	0.88	1.20	3.82					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T03-B	1	1.82E+01		1.82E+01	2.45	1.20	3.82	10000	1000	8.67E+02	85%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T04-B	1	1.35E+01		1.35E+01	3.28	1.20	3.82					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T05-B	1	1.10E+01		1.10E+01	3.54	1.20	3.82					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T06-B	1	5.88E+00		5.88E+00	2.46	1.20	3.82					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T07-B	1	4.61E+00		4.61E+00	5.99	1.20	3.82					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T08-B	1	2.61E+00	E	2.61E+00	12.61	1.20	3.82					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T09-B	1	1.23E+00	E	1.23E+00	24.38	1.20	3.82					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T01-C	1	1.40E+02		1.40E+02	1.55	1.20	3.82					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T02-C	1	5.58E+01		5.58E+01	1.17	1.20	3.82					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T03-C	1	1.90E+01		1.90E+01	4.25	1.20	3.82	10000	1000	9.10E+02	89%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T04-C	1	1.40E+01		1.40E+01	3.64	1.20	3.82					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T05-C	1	1.11E+01		1.11E+01	5.41	1.20	3.82					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T06-C	1	6.47E+00		6.47E+00	9.07	1.20	3.82					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T07-C	1	4.81E+00		4.81E+00	2.61	1.20	3.82					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T08-C	1	3.68E+00	E	3.68E+00	11.21	1.20	3.82					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-T09-C	1	2.51E+00	E	2.51E+00	16.62	1.20	3.82					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Mo	JaFS-L01-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	8.85	1.20	3.82					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	JaFS-L01-1314-T01-A	1	1.10E+01		1.10E+01	9.64	1.80	5.70					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T02-A	1	2.58E+00	E	2.58E+00	15.97	1.80	5.70					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T03-A	1	2.74E+00	E	2.74E+00	27.16	1.80	5.70	10000	1000	9.05E+02	90%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	21.43	1.80	5.70					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	35.65	1.80	5.70					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	19.63	1.80	5.70					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	24.30	1.80	5.70					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	36.83	1.80	5.70					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	80.70	1.80	5.70					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T01-B	1	1.57E+01		1.57E+01	7.24	1.80	5.70					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T02-B	1	3.29E+00	E	3.29E+00	22.36	1.80	5.70					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T03-B	1	2.35E+00	E	2.35E+00	30.56	1.80	5.70	10000	1000	9.35E+02	93%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	19.62	1.80	5.70					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	23.48	1.80	5.70					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	32.48	1.80	5.70					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	39.03	1.80	5.70					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	25.61	1.80	5.70					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	29.70	1.80	5.70					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T01-C	1	1.18E+01		1.18E+01	3.56	1.80	5.70					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T02-C	1	3.12E+00	E	3.12E+00	7.83	1.80	5.70					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T03-C	1	2.38E+00	E	2.38E+00	20.58	1.80	5.70	10000	1000	9.33E+02	93%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	14.70	1.80	5.70					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	25.03	1.80	5.70					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	30.15	1.80	5.70					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	29.13	1.80	5.70					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	23.16	1.80	5.70					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	31.71	1.80	5.70					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Ni	JaFS-L01-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	38.18	1.80	5.70					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	JaFS-L01-1314-T01-A	1	5.41E+01		5.41E+01	8.03	3.70	11.80					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T02-A	1	5.54E+01		5.54E+01	3.18	3.70	11.80					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T03-A	1	4.63E+01		4.63E+01	1.84	3.70	11.80	10000	1000	1.01E+03	96%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T04-A	1	2.78E+01		2.78E+01	1.15	3.70	11.80					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T05-A	1	2.48E+01		2.48E+01	11.62	3.70	11.80					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T06-A	1	2.97E+01		2.97E+01	1.93	3.70	11.80					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T07-A	1	3.17E+01		3.17E+01	0.78	3.70	11.80					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T08-A	1	4.40E+01		4.40E+01	1.06	3.70	11.80					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T09-A	1	6.89E+01		6.89E+01	0.36	3.70	11.80					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T01-B	1	6.05E+01		6.05E+01	1.74	3.70	11.80					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T02-B	1	5.63E+01		5.63E+01	0.98	3.70	11.80					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T03-B	1	3.54E+01		3.54E+01	2.55	3.70	11.80	10000	1000	9.63E+02	93%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T04-B	1	2.63E+01		2.63E+01	0.64	3.70	11.80					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T05-B	1	1.20E+01		1.20E+01	2.48	3.70	11.80					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T06-B	1	1.81E+01		1.81E+01	3.08	3.70	11.80					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T07-B	1	3.15E+01		3.15E+01	1.69	3.70	11.80					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T08-B	1	2.42E+01		2.42E+01	1.95	3.70	11.80					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T09-B	1	5.20E+01		5.20E+01	0.98	3.70	11.80					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T01-C	1	9.54E+01		9.54E+01	0.43	3.70	11.80					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T02-C	1	5.69E+01		5.69E+01	2.11	3.70	11.80					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T03-C	1	2.91E+01		2.91E+01	1.19	3.70	11.80	10000	1000	9.46E+02	92%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T04-C	1	3.48E+01		3.48E+01	0.62	3.70	11.80					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T05-C	1	1.36E+01		1.36E+01	12.22	3.70	11.80					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T06-C	1	2.41E+01		2.41E+01	3.63	3.70	11.80					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T07-C	1	8.75E+01		8.75E+01	1.13	3.70	11.80					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T08-C	1	3.55E+01		3.55E+01	1.17	3.70	11.80					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-T09-C	1	4.93E+01		4.93E+01	1.10	3.70	11.80					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
P	JaFS-L01-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	30.84	3.70	11.80					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	JaFS-L01-1314-T01-A	1	5.32E+04		5.32E+04	0.14	1.60	5.09					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T02-A	1	1.25E+04		1.25E+04	0.67	1.60	5.09					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T03-A	1	9.90E+03		9.90E+03	1.06	1.60	5.09	10000	1000	1.08E+04	89%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T04-A	1	8.67E+03		8.67E+03	0.88	1.60	5.09					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T05-A	1	8.09E+03		8.09E+03	0.90	1.60	5.09					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T06-A	1	5.66E+03		5.66E+03	0.86	1.60	5.09					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T07-A	1	4.03E+03		4.03E+03	0.49	1.60	5.09					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T08-A	1	2.98E+03		2.98E+03	1.73	1.60	5.09					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T09-A	1	2.24E+03		2.24E+03	1.55	1.60	5.09					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T01-B	1	6.47E+04		6.47E+04	0.77	1.60	5.09					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T02-B	1	1.30E+04		1.30E+04	0.03	1.60	5.09					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T03-B	1	9.70E+03		9.70E+03	1.20	1.60	5.09	10000	1000	1.06E+04	92%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T04-B	1	8.61E+03		8.61E+03	1.70	1.60	5.09					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T05-B	1	8.14E+03		8.14E+03	0.90	1.60	5.09					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T06-B	1	5.69E+03		5.69E+03	0.47	1.60	5.09					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T07-B	1	4.17E+03		4.17E+03	1.79	1.60	5.09					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T08-B	1	3.03E+03		3.03E+03	1.46	1.60	5.09					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T09-B	1	2.31E+03		2.31E+03	2.18	1.60	5.09					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T01-C	1	5.88E+04		5.88E+04	0.68	1.60	5.09					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T02-C	1	1.53E+04		1.53E+04	1.25	1.60	5.09					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T03-C	1	1.11E+04		1.11E+04	1.12	1.60	5.09	10000	1000	1.20E+04	92%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T04-C	1	9.39E+03		9.39E+03	1.10	1.60	5.09					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T05-C	1	8.46E+03		8.46E+03	0.90	1.60	5.09					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T06-C	1	5.97E+03		5.97E+03	1.40	1.60	5.09					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T07-C	1	4.45E+03		4.45E+03	0.91	1.60	5.09					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T08-C	1	3.08E+03		3.08E+03	0.68	1.60	5.09					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-T09-C	1	2.12E+03		2.12E+03	0.41	1.60	5.09					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
K	JaFS-L01-1314-B01-A	1	1.82E+01		1.82E+01	3.46	1.60	5.09					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	JaFS-L01-1314-T01-A	1	5.36E+01		5.36E+01	11.67	15.00	47.70					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T02-A	1	1.86E+01	E	1.86E+01	10.55	15.00	47.70					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T03-A	1	7.50E+00	U1/2	7.50E+00	33.09	15.00	47.70	10000	1000	9.70E+02	96%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T04-A	1	7.50E+00	U1/2	7.50E+00	15.72	15.00	47.70					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T05-A	1	7.50E+00	U1/2	7.50E+00	19.79	15.00	47.70					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T06-A	1	7.50E+00	U1/2	7.50E+00	11.18	15.00	47.70					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T07-A	1	7.50E+00	U1/2	7.50E+00	18.05	15.00	47.70					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	5.38	15.00	47.70					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	11.57	15.00	47.70					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T01-B	1	5.73E+01		5.73E+01	10.18	15.00	47.70					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T02-B	1	2.09E+01	E	2.09E+01	10.65	15.00	47.70					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T03-B	1	1.53E+01	E	1.53E+01	10.80	15.00	47.70	10000	1000	9.48E+02	93%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T04-B	1	7.50E+00	U1/2	7.50E+00	18.30	15.00	47.70					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T05-B	1	7.50E+00	U1/2	7.50E+00	8.22	15.00	47.70					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T06-B	1	7.50E+00	U1/2	7.50E+00	19.25	15.00	47.70					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T07-B	1	7.50E+00	U1/2	7.50E+00	10.85	15.00	47.70					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	6.58	15.00	47.70					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	20.31	15.00	47.70					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T01-C	1	5.99E+01		5.99E+01	9.71	15.00	47.70					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T02-C	1	1.91E+01	E	1.91E+01	14.26	15.00	47.70					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T03-C	1	7.50E+00	U1/2	7.50E+00	36.18	15.00	47.70	10000	1000	9.28E+02	92%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T04-C	1	7.50E+00	U1/2	7.50E+00	24.94	15.00	47.70					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T05-C	1	7.50E+00	U1/2	7.50E+00	40.46	15.00	47.70					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T06-C	1	7.50E+00	U1/2	7.50E+00	21.46	15.00	47.70					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T07-C	1	7.50E+00	U1/2	7.50E+00	13.00	15.00	47.70					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	7.17	15.00	47.70					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	13.34	15.00	47.70					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Se	JaFS-L01-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	9.20	15.00	47.70					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	JaFS-L01-1314-T01-A	1	4.82E+03		4.82E+03	0.48	1.10	3.50					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T02-A	1	3.15E+03		3.15E+03	1.55	1.10	3.50					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T03-A	1	2.15E+03		2.15E+03	0.81	1.10	3.50	10000	1000	3.09E+03	94%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T04-A	1	2.02E+03		2.02E+03	0.52	1.10	3.50					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T05-A	1	2.00E+03		2.00E+03	0.34	1.10	3.50					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T06-A	1	2.00E+03		2.00E+03	0.91	1.10	3.50					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T07-A	1	2.04E+03		2.04E+03	0.29	1.10	3.50					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T08-A	1	2.28E+03		2.28E+03	1.88	1.10	3.50					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T09-A	1	2.56E+03		2.56E+03	1.02	1.10	3.50					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T01-B	1	4.87E+03		4.87E+03	0.26	1.10	3.50					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T02-B	1	3.38E+03		3.38E+03	0.36	1.10	3.50					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T03-B	1	2.11E+03		2.11E+03	1.25	1.10	3.50	10000	1000	3.10E+03	99%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T04-B	1	1.99E+03		1.99E+03	1.77	1.10	3.50					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T05-B	1	1.99E+03		1.99E+03	0.83	1.10	3.50					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T06-B	1	1.97E+03		1.97E+03	0.41	1.10	3.50					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T07-B	1	2.09E+03		2.09E+03	1.58	1.10	3.50					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T08-B	1	2.25E+03		2.25E+03	0.77	1.10	3.50					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T09-B	1	2.58E+03		2.58E+03	2.16	1.10	3.50					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T01-C	1	4.88E+03		4.88E+03	0.80	1.10	3.50					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T02-C	1	3.28E+03		3.28E+03	1.57	1.10	3.50					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T03-C	1	2.01E+03		2.01E+03	0.96	1.10	3.50	10000	1000	3.02E+03	101%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T04-C	1	1.86E+03		1.86E+03	1.23	1.10	3.50					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T05-C	1	1.87E+03		1.87E+03	0.93	1.10	3.50					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T06-C	1	1.91E+03		1.91E+03	1.53	1.10	3.50					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T07-C	1	1.98E+03		1.98E+03	1.11	1.10	3.50					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T08-C	1	2.20E+03		2.20E+03	0.69	1.10	3.50					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-T09-C	1	2.45E+03		2.45E+03	0.82	1.10	3.50					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Si	JaFS-L01-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	8.56	1.10	3.50					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	JaFS-L01-1314-T01-A	1	1.97E+05		1.97E+05	0.77	2.50	8.00					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T02-A	1	6.02E+04		6.02E+04	0.33	2.50	8.00					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T03-A	1	3.60E+04		3.60E+04	0.37	2.50	8.00	10000	1000	3.69E+04	90%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T04-A	1	1.65E+04		1.65E+04	0.85	2.50	8.00					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T05-A	1	3.58E+03		3.58E+03	0.60	2.50	8.00					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T06-A	1	1.04E+03		1.04E+03	0.36	2.50	8.00					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T07-A	1	6.07E+02		6.07E+02	1.29	2.50	8.00					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T08-A	1	4.33E+02		4.33E+02	0.45	2.50	8.00					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T09-A	1	3.36E+02		3.36E+02	0.47	2.50	8.00					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T01-B	1	2.27E+05		2.27E+05	0.60	2.50	8.00					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T02-B	1	6.24E+04		6.24E+04	0.04	2.50	8.00					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T03-B	1	3.69E+04		3.69E+04	0.23	2.50	8.00	10000	1000	3.78E+04	88%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T04-B	1	1.79E+04		1.79E+04	0.12	2.50	8.00					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T05-B	1	4.65E+03		4.65E+03	0.49	2.50	8.00					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T06-B	1	1.10E+03		1.10E+03	0.63	2.50	8.00					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T07-B	1	6.33E+02		6.33E+02	1.09	2.50	8.00					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T08-B	1	4.46E+02		4.46E+02	0.70	2.50	8.00					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T09-B	1	3.43E+02		3.43E+02	0.80	2.50	8.00					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T01-C	1	2.10E+05		2.10E+05	0.61	2.50	8.00					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T02-C	1	7.08E+04		7.08E+04	0.49	2.50	8.00					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T03-C	1	3.73E+04		3.73E+04	0.56	2.50	8.00	10000	1000	3.83E+04	92%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T04-C	1	1.56E+04		1.56E+04	0.55	2.50	8.00					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T05-C	1	4.93E+03		4.93E+03	0.39	2.50	8.00					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T06-C	1	1.14E+03		1.14E+03	0.79	2.50	8.00					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T07-C	1	6.39E+02		6.39E+02	0.08	2.50	8.00					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T08-C	1	4.35E+02		4.35E+02	0.82	2.50	8.00					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-T09-C	1	3.51E+02		3.51E+02	1.12	2.50	8.00					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Na	JaFS-L01-1314-B01-A	1	1.25E+00	U1/2	1.25E+00	0.83	2.50	8.00					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	JaFS-L01-1314-T01-A	1	9.12E+03		9.12E+03	1.41	1.00	3.18					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T02-A	1	6.69E+02		6.69E+02	0.84	1.00	3.18					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T03-A	1	4.34E+02		4.34E+02	0.94	1.00	3.18	10000	1000	1.46E+03	103%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T04-A	1	4.05E+02		4.05E+02	0.81	1.00	3.18					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T05-A	1	4.47E+02		4.47E+02	0.69	1.00	3.18					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T06-A	1	3.65E+02		3.65E+02	0.49	1.00	3.18					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T07-A	1	2.92E+02		2.92E+02	0.20	1.00	3.18					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T08-A	1	2.46E+02		2.46E+02	2.14	1.00	3.18					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T09-A	1	2.29E+02		2.29E+02	1.47	1.00	3.18					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T01-B	1	1.22E+04		1.22E+04	0.51	1.00	3.18					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T02-B	1	8.06E+02		8.06E+02	0.94	1.00	3.18					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T03-B	1	4.29E+02		4.29E+02	1.19	1.00	3.18	10000	1000	1.40E+03	97%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T04-B	1	3.98E+02		3.98E+02	1.70	1.00	3.18					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T05-B	1	4.45E+02		4.45E+02	1.30	1.00	3.18					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T06-B	1	3.62E+02		3.62E+02	0.76	1.00	3.18					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T07-B	1	3.00E+02		3.00E+02	1.45	1.00	3.18					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T08-B	1	2.48E+02		2.48E+02	1.85	1.00	3.18					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T09-B	1	2.26E+02		2.26E+02	2.37	1.00	3.18					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T01-C	1	1.00E+04		1.00E+04	0.39	1.00	3.18					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T02-C	1	9.67E+02		9.67E+02	1.86	1.00	3.18					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T03-C	1	5.26E+02		5.26E+02	0.85	1.00	3.18	10000	1000	1.47E+03	94%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T04-C	1	4.86E+02		4.86E+02	0.46	1.00	3.18					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T05-C	1	5.10E+02		5.10E+02	1.48	1.00	3.18					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T06-C	1	4.26E+02		4.26E+02	1.56	1.00	3.18					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T07-C	1	3.63E+02		3.63E+02	0.67	1.00	3.18					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T08-C	1	2.91E+02		2.91E+02	0.96	1.00	3.18					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-T09-C	1	2.50E+02		2.50E+02	0.54	1.00	3.18					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Sr	JaFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	36.46	1.00	3.18					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	JaFS-L01-1314-T01-A	1	5.56E+05		5.56E+05	0.40	6.80	21.60					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T02-A	1	1.94E+04		1.94E+04	0.79	6.80	21.60					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T03-A	1	6.59E+03		6.59E+03	0.94	6.80	21.60	10000	1000	7.48E+03	89%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T04-A	1	4.15E+03		4.15E+03	1.13	6.80	21.60					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T05-A	1	3.49E+03		3.49E+03	1.12	6.80	21.60					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T06-A	1	2.56E+03		2.56E+03	1.65	6.80	21.60					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T07-A	1	1.78E+03		1.78E+03	0.94	6.80	21.60					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T08-A	1	1.13E+03		1.13E+03	2.00	6.80	21.60					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T09-A	1	9.08E+02		9.08E+02	1.76	6.80	21.60					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T01-B	1	7.12E+05		7.12E+05	0.75	6.80	21.60					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T02-B	1	2.62E+04		2.62E+04	0.47	6.80	21.60					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T03-B	1	6.17E+03		6.17E+03	1.19	6.80	21.60	10000	1000	7.12E+03	95%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T04-B	1	4.27E+03		4.27E+03	1.54	6.80	21.60					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T05-B	1	3.54E+03		3.54E+03	1.16	6.80	21.60					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T06-B	1	2.56E+03		2.56E+03	0.91	6.80	21.60					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T07-B	1	1.80E+03		1.80E+03	1.78	6.80	21.60					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T08-B	1	1.13E+03		1.13E+03	1.51	6.80	21.60					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T09-B	1	8.87E+02		8.87E+02	2.79	6.80	21.60					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T01-C	1	6.09E+05		6.09E+05	0.22	6.80	21.60					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T02-C	1	3.41E+04		3.41E+04	1.39	6.80	21.60					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T03-C	1	6.93E+03		6.93E+03	1.24	6.80	21.60	10000	1000	7.83E+03	90%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T04-C	1	4.30E+03		4.30E+03	1.32	6.80	21.60					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T05-C	1	3.39E+03		3.39E+03	2.02	6.80	21.60					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T06-C	1	2.24E+03		2.24E+03	1.25	6.80	21.60					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T07-C	1	1.78E+03		1.78E+03	1.71	6.80	21.60					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T08-C	1	1.27E+03		1.27E+03	1.54	6.80	21.60					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-T09-C	1	9.38E+02		9.38E+02	1.07	6.80	21.60					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
S	JaFS-L01-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	3.64	6.80	21.60					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	JaFS-L01-1314-T01-A	1	2.30E+00	U1/2	2.30E+00	32.52	4.60	14.60					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T02-A	1	2.30E+00	U1/2	2.30E+00	49.32	4.60	14.60					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T03-A	1	2.30E+00	U1/2	2.30E+00	34.60	4.60	14.60	10000	1000	9.01E+02	90%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T04-A	1	2.30E+00	U1/2	2.30E+00	4.04	4.60	14.60					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T05-A	1	2.30E+00	U1/2	2.30E+00	18.85	4.60	14.60					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T06-A	1	2.30E+00	U1/2	2.30E+00	38.01	4.60	14.60					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T07-A	1	2.30E+00	U1/2	2.30E+00	46.85	4.60	14.60					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T08-A	1	2.30E+00	U1/2	2.30E+00	25.91	4.60	14.60					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T09-A	1	2.30E+00	U1/2	2.30E+00	31.81	4.60	14.60					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T01-B	1	2.30E+00	U1/2	2.30E+00	38.50	4.60	14.60					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T02-B	1	2.30E+00	U1/2	2.30E+00	20.48	4.60	14.60					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T03-B	1	2.30E+00	U1/2	2.30E+00	16.65	4.60	14.60	10000	1000	9.26E+02	92%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T04-B	1	2.30E+00	U1/2	2.30E+00	41.36	4.60	14.60					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T05-B	1	2.30E+00	U1/2	2.30E+00	33.06	4.60	14.60					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T06-B	1	2.30E+00	U1/2	2.30E+00	29.67	4.60	14.60					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T07-B	1	2.30E+00	U1/2	2.30E+00	16.06	4.60	14.60					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T08-B	1	2.30E+00	U1/2	2.30E+00	21.98	4.60	14.60					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T09-B	1	2.30E+00	U1/2	2.30E+00	36.21	4.60	14.60					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T01-C	1	2.30E+00	U1/2	2.30E+00	26.01	4.60	14.60					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T02-C	1	2.30E+00	U1/2	2.30E+00	12.09	4.60	14.60					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T03-C	1	2.30E+00	U1/2	2.30E+00	29.86	4.60	14.60	10000	1000	9.28E+02	93%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T04-C	1	2.30E+00	U1/2	2.30E+00	26.54	4.60	14.60					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T05-C	1	2.30E+00	U1/2	2.30E+00	36.52	4.60	14.60					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T06-C	1	2.30E+00	U1/2	2.30E+00	25.73	4.60	14.60					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T07-C	1	2.30E+00	U1/2	2.30E+00	15.01	4.60	14.60					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T08-C	1	2.30E+00	U1/2	2.30E+00	7.52	4.60	14.60					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-T09-C	1	2.30E+00	U1/2	2.30E+00	16.35	4.60	14.60					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Tl	JaFS-L01-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	34.60	4.60	14.60					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	JaFS-L01-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	13.72	2.00	6.40					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	24.44	2.00	6.40					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	21.80	2.00	6.40	10000	1000	9.26E+02	93%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	1.85	2.00	6.40					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	8.39	2.00	6.40					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	6.74	2.00	6.40					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	26.78	2.00	6.40					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	29.15	2.00	6.40					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	1.27	2.00	6.40					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	12.42	2.00	6.40					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	7.26	2.00	6.40					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	20.26	2.00	6.40	10000	1000	9.22E+02	92%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	12.17	2.00	6.40					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	9.40	2.00	6.40					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	15.34	2.00	6.40					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	17.35	2.00	6.40					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	4.85	2.00	6.40					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	10.21	2.00	6.40					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	15.41	2.00	6.40					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	9.30	2.00	6.40					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	19.41	2.00	6.40	10000	1000	9.67E+02	97%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	9.71	2.00	6.40					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	4.02	2.00	6.40					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	1.39	2.00	6.40					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	21.21	2.00	6.40					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	24.71	2.00	6.40					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	13.56	2.00	6.40					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
Ti	JaFS-L01-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	7.49	2.00	6.40					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	JaFS-L01-1314-T01-A	1	2.11E+01		2.11E+01	2.48	1.50	4.77					VU ICP-OES	10/6/11 4:18 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T02-A	1	2.11E+00	E	2.11E+00	22.62	1.50	4.77					VU ICP-OES	10/6/11 4:23 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T03-A	1	7.50E-01	U1/2	7.50E-01	4.94	1.50	4.77	10000	1000	9.06E+02	90%	VU ICP-OES	10/6/11 4:28 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T04-A	1	7.50E-01	U1/2	7.50E-01	22.61	1.50	4.77					VU ICP-OES	10/6/11 4:38 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T05-A	1	7.50E-01	U1/2	7.50E-01	33.36	1.50	4.77					VU ICP-OES	10/6/11 4:43 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T06-A	1	7.50E-01	U1/2	7.50E-01	37.91	1.50	4.77					VU ICP-OES	10/6/11 2:40 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T07-A	1	7.50E-01	U1/2	7.50E-01	26.74	1.50	4.77					VU ICP-OES	10/6/11 2:45 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T08-A	1	7.50E-01	U1/2	7.50E-01	20.12	1.50	4.77					VU ICP-OES	10/6/11 2:50 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T09-A	1	7.50E-01	U1/2	7.50E-01	30.65	1.50	4.77					VU ICP-OES	10/6/11 2:55 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T01-B	1	2.36E+01		2.36E+01	1.63	1.50	4.77					VU ICP-OES	10/6/11 4:20 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T02-B	1	2.42E+00	E	2.42E+00	19.48	1.50	4.77					VU ICP-OES	10/6/11 4:25 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T03-B	1	7.50E-01	U1/2	7.50E-01	11.64	1.50	4.77	10000	1000	9.51E+02	95%	VU ICP-OES	10/6/11 4:30 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T04-B	1	7.50E-01	U1/2	7.50E-01	25.22	1.50	4.77					VU ICP-OES	10/6/11 4:39 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T05-B	1	7.50E-01	U1/2	7.50E-01	18.80	1.50	4.77					VU ICP-OES	10/6/11 2:37 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T06-B	1	7.50E-01	U1/2	7.50E-01	19.98	1.50	4.77					VU ICP-OES	10/6/11 2:42 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T07-B	1	7.50E-01	U1/2	7.50E-01	30.24	1.50	4.77					VU ICP-OES	10/6/11 2:47 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T08-B	1	7.50E-01	U1/2	7.50E-01	39.80	1.50	4.77					VU ICP-OES	10/6/11 2:52 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T09-B	1	7.50E-01	U1/2	7.50E-01	12.14	1.50	4.77					VU ICP-OES	10/6/11 2:57 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T01-C	1	2.11E+01		2.11E+01	4.49	1.50	4.77					VU ICP-OES	10/6/11 4:21 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T02-C	1	2.34E+00	E	2.34E+00	22.62	1.50	4.77					VU ICP-OES	10/6/11 4:26 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T03-C	1	7.50E-01	U1/2	7.50E-01	17.38	1.50	4.77	10000	1000	9.77E+02	98%	VU ICP-OES	10/6/11 4:31 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T04-C	1	7.50E-01	U1/2	7.50E-01	4.97	1.50	4.77					VU ICP-OES	10/6/11 4:41 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T05-C	1	7.50E-01	U1/2	7.50E-01	20.50	1.50	4.77					VU ICP-OES	10/6/11 2:39 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T06-C	1	7.50E-01	U1/2	7.50E-01	19.94	1.50	4.77					VU ICP-OES	10/6/11 2:44 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T07-C	1	7.50E-01	U1/2	7.50E-01	19.97	1.50	4.77					VU ICP-OES	10/6/11 2:49 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T08-C	1	7.50E-01	U1/2	7.50E-01	30.95	1.50	4.77					VU ICP-OES	10/6/11 2:54 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-T09-C	1	7.50E-01	U1/2	7.50E-01	23.91	1.50	4.77					VU ICP-OES	10/6/11 2:58 PM	EPA Interlab L01 1314 JaFS
V	JaFS-L01-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	14.27	1.50	4.77					VU ICP-OES	10/6/11 4:13 PM	EPA Interlab L01 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	JaFS-L01-1314-T01-A	1	1.31E+03		1.31E+03	1.47	1.00	3.18					VU ICP-OES	3/7/12 11:27 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T02-A	1	5.45E+02		5.45E+02	0.70	1.00	3.18					VU ICP-OES	3/7/12 11:28 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T03-A	1	2.06E+02		2.06E+02	0.90	1.00	3.18	10000	1000	1.14E+03	93%	VU ICP-OES	3/7/12 11:30 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T04-A	1	1.01E+02		1.01E+02	0.47	1.00	3.18					VU ICP-OES	3/7/12 11:32 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T05-A	1	9.04E+01		9.04E+01	1.35	1.00	3.18					VU ICP-OES	3/7/12 11:33 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T06-A	1	7.31E+01		7.31E+01	0.98	1.00	3.18					VU ICP-OES	3/7/12 11:35 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T07-A	1	6.25E+01		6.25E+01	0.41	1.00	3.18					VU ICP-OES	3/7/12 11:37 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T08-A	1	2.94E+01		2.94E+01	1.72	1.00	3.18					VU ICP-OES	3/7/12 11:38 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T09-A	1	2.35E+01		2.35E+01	1.95	1.00	3.18					VU ICP-OES	3/7/12 11:40 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T01-B	1	1.28E+03		1.28E+03	0.76	1.00	3.18					VU ICP-OES	3/7/12 11:42 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T02-B	1	5.40E+02		5.40E+02	0.55	1.00	3.18					VU ICP-OES	3/7/12 11:43 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T03-B	1	2.20E+02		2.20E+02	1.19	1.00	3.18	10000	1000	1.15E+03	93%	VU ICP-OES	3/7/12 11:45 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T04-B	1	1.13E+02		1.13E+02	1.53	1.00	3.18					VU ICP-OES	3/7/12 11:46 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T05-B	1	9.49E+01		9.49E+01	0.53	1.00	3.18					VU ICP-OES	3/7/12 11:48 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T06-B	1	7.75E+01		7.75E+01	1.22	1.00	3.18					VU ICP-OES	3/7/12 11:50 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T07-B	1	5.75E+01		5.75E+01	1.21	1.00	3.18					VU ICP-OES	3/7/12 11:51 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T08-B	1	2.85E+01		2.85E+01	1.64	1.00	3.18					VU ICP-OES	3/7/12 11:53 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T09-B	1	2.10E+01		2.10E+01	1.67	1.00	3.18					VU ICP-OES	3/7/12 11:55 AM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T01-C	1	1.27E+03		1.27E+03	0.38	1.00	3.18					VU ICP-OES	3/7/12 12:00 PM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T02-C	1	5.30E+02		5.30E+02	2.01	1.00	3.18					VU ICP-OES	3/7/12 12:01 PM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T03-C	1	2.39E+02		2.39E+02	0.32	1.00	3.18	10000	1000	1.17E+03	93%	VU ICP-OES	3/7/12 12:03 PM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T04-C	1	1.22E+02		1.22E+02	0.90	1.00	3.18					VU ICP-OES	3/7/12 12:05 PM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T05-C	1	9.37E+01		9.37E+01	0.91	1.00	3.18					VU ICP-OES	3/7/12 12:06 PM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T06-C	1	7.59E+01		7.59E+01	1.33	1.00	3.18					VU ICP-OES	3/7/12 12:08 PM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T07-C	1	6.31E+01		6.31E+01	0.58	1.00	3.18					VU ICP-OES	3/7/12 12:09 PM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T08-C	1	3.02E+01		3.02E+01	0.97	1.00	3.18					VU ICP-OES	3/7/12 12:11 PM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-T09-C	1	2.37E+01		2.37E+01	0.26	1.00	3.18					VU ICP-OES	3/7/12 12:13 PM	EPA Interlab L01 1314 JaFS
Zn	JaFS-L01-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	11.77	1.00	3.18					VU ICP-OES	3/7/12 11:25 AM	EPA Interlab L01 1314 JaFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	JaFS-L06-1314-T01-A	1	7.68E+01		7.68E+01	1.73	1.00	3.18					VU ICP-OES	3/7/12 10:18 AM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T02-A	1	5.10E+01		5.10E+01	2.76	1.00	3.18					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T03-A	1	2.11E+01		2.11E+01	8.19	1.00	3.18	10000	1000	1.04E+03	102%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T04-A	1	1.74E+01		1.74E+01	3.48	1.00	3.18					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T05-A	1	1.74E+01		1.74E+01	1.41	1.00	3.18					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T06-A	1	1.80E+01		1.80E+01	3.73	1.00	3.18					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T07-A	1	2.06E+01		2.06E+01	10.75	1.00	3.18					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T08-A	1	1.22E+01		1.22E+01	0.42	1.00	3.18					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T09-A	1	1.80E+01		1.80E+01	6.14	1.00	3.18					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T01-B	1	7.45E+01		7.45E+01	3.10	1.00	3.18					VU ICP-OES	3/7/12 10:33 AM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T02-B	1	5.51E+01		5.51E+01	6.24	1.00	3.18					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T03-B	1	2.44E+01		2.44E+01	4.34	1.00	3.18	10000	1000	1.12E+03	109%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T04-B	1	1.75E+01		1.75E+01	7.72	1.00	3.18					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T05-B	1	1.92E+01		1.92E+01	4.18	1.00	3.18					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T06-B	1	2.21E+01		2.21E+01	3.59	1.00	3.18					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T07-B	1	1.77E+01		1.77E+01	9.86	1.00	3.18					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T08-B	1	1.73E+01		1.73E+01	1.30	1.00	3.18					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T09-B	1	1.62E+01		1.62E+01	1.58	1.00	3.18					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T01-C	1	8.16E+01		8.16E+01	3.65	1.00	3.18					VU ICP-OES	3/7/12 10:51 AM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T02-C	1	3.76E+01		3.76E+01	8.11	1.00	3.18					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T03-C	1	2.22E+01		2.22E+01	4.17	1.00	3.18	10000	1000	1.03E+03	101%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T04-C	1	2.45E+01		2.45E+01	8.61	1.00	3.18					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T05-C	1	1.88E+01		1.88E+01	7.06	1.00	3.18					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T06-C	1	2.17E+01		2.17E+01	2.79	1.00	3.18					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T07-C	1	2.31E+01		2.31E+01	2.97	1.00	3.18					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T08-C	1	1.60E+01		1.60E+01	7.18	1.00	3.18					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-T09-C	1	1.31E+01		1.31E+01	3.67	1.00	3.18					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Al	JaFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	42.98	1.00	3.18					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	JaFS-L06-1314-T01-A	1	3.75E+00	U1/2	3.75E+00	6.63	7.50	23.90					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T02-A	1	3.75E+00	U1/2	3.75E+00	9.44	7.50	23.90					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T03-A	1	3.75E+00	U1/2	3.75E+00	16.83	7.50	23.90	10000	1000	9.48E+02	94%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T04-A	1	3.75E+00	U1/2	3.75E+00	28.29	7.50	23.90					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T05-A	1	3.75E+00	U1/2	3.75E+00	56.31	7.50	23.90					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T06-A	1	3.75E+00	U1/2	3.75E+00	30.46	7.50	23.90					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T07-A	1	3.75E+00	U1/2	3.75E+00	33.02	7.50	23.90					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T08-A	1	3.75E+00	U1/2	3.75E+00	11.65	7.50	23.90					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T09-A	1	3.75E+00	U1/2	3.75E+00	39.20	7.50	23.90					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T01-B	1	3.75E+00	U1/2	3.75E+00	25.79	7.50	23.90					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T02-B	1	3.75E+00	U1/2	3.75E+00	49.44	7.50	23.90					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T03-B	1	3.75E+00	U1/2	3.75E+00	11.72	7.50	23.90	10000	1000	9.64E+02	96%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T04-B	1	3.75E+00	U1/2	3.75E+00	48.43	7.50	23.90					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T05-B	1	3.75E+00	U1/2	3.75E+00	29.00	7.50	23.90					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T06-B	1	3.75E+00	U1/2	3.75E+00	57.87	7.50	23.90					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T07-B	1	3.75E+00	U1/2	3.75E+00	40.65	7.50	23.90					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T08-B	1	3.75E+00	U1/2	3.75E+00	42.57	7.50	23.90					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T09-B	1	3.75E+00	U1/2	3.75E+00	26.80	7.50	23.90					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T01-C	1	3.75E+00	U1/2	3.75E+00	27.20	7.50	23.90					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T02-C	1	3.75E+00	U1/2	3.75E+00	49.36	7.50	23.90					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T03-C	1	3.75E+00	U1/2	3.75E+00	23.76	7.50	23.90	10000	1000	9.19E+02	92%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T04-C	1	3.75E+00	U1/2	3.75E+00	10.80	7.50	23.90					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T05-C	1	3.75E+00	U1/2	3.75E+00	10.52	7.50	23.90					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T06-C	1	3.75E+00	U1/2	3.75E+00	39.20	7.50	23.90					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T07-C	1	3.75E+00	U1/2	3.75E+00	55.39	7.50	23.90					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T08-C	1	3.75E+00	U1/2	3.75E+00	11.81	7.50	23.90					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-T09-C	1	3.75E+00	U1/2	3.75E+00	21.15	7.50	23.90					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Sb	JaFS-L06-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	24.35	7.50	23.90					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	JaFS-L06-1314-T01-A	1	5.50E+00	U1/2	5.50E+00	36.17	11.00	35.00					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T02-A	1	5.50E+00	U1/2	5.50E+00	38.57	11.00	35.00					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T03-A	1	5.50E+00	U1/2	5.50E+00	41.80	11.00	35.00	10000	1000	9.61E+02	96%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T04-A	1	5.50E+00	U1/2	5.50E+00	59.10	11.00	35.00					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T05-A	1	5.50E+00	U1/2	5.50E+00	34.79	11.00	35.00					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T06-A	1	5.50E+00	U1/2	5.50E+00	24.78	11.00	35.00					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T07-A	1	5.50E+00	U1/2	5.50E+00	28.02	11.00	35.00					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T08-A	1	5.50E+00	U1/2	5.50E+00	15.35	11.00	35.00					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T09-A	1	5.50E+00	U1/2	5.50E+00	41.62	11.00	35.00					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T01-B	1	5.50E+00	U1/2	5.50E+00	42.85	11.00	35.00					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T02-B	1	5.50E+00	U1/2	5.50E+00	50.11	11.00	35.00					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T03-B	1	5.50E+00	U1/2	5.50E+00	30.71	11.00	35.00	10000	1000	9.78E+02	97%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T04-B	1	5.50E+00	U1/2	5.50E+00	63.05	11.00	35.00					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T05-B	1	5.50E+00	U1/2	5.50E+00	47.71	11.00	35.00					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T06-B	1	5.50E+00	U1/2	5.50E+00	44.94	11.00	35.00					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T07-B	1	5.50E+00	U1/2	5.50E+00	7.63	11.00	35.00					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T08-B	1	5.50E+00	U1/2	5.50E+00	35.92	11.00	35.00					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T09-B	1	5.50E+00	U1/2	5.50E+00	20.88	11.00	35.00					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T01-C	1	5.50E+00	U1/2	5.50E+00	47.43	11.00	35.00					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T02-C	1	5.50E+00	U1/2	5.50E+00	59.09	11.00	35.00					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T03-C	1	5.50E+00	U1/2	5.50E+00	15.73	11.00	35.00	10000	1000	9.47E+02	94%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T04-C	1	5.50E+00	U1/2	5.50E+00	35.30	11.00	35.00					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T05-C	1	5.50E+00	U1/2	5.50E+00	40.47	11.00	35.00					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T06-C	1	5.50E+00	U1/2	5.50E+00	28.46	11.00	35.00					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T07-C	1	5.50E+00	U1/2	5.50E+00	13.16	11.00	35.00					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T08-C	1	5.50E+00	U1/2	5.50E+00	8.08	11.00	35.00					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-T09-C	1	5.50E+00	U1/2	5.50E+00	15.49	11.00	35.00					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
As	JaFS-L06-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	50.24	11.00	35.00					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	JaFS-L06-1314-T01-A	1	1.57E+05		1.57E+05	1.24	1.00	3.18					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T02-A	1	7.74E+04		7.74E+04	0.78	1.00	3.18					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T03-A	1	2.37E+04		2.37E+04	0.82	1.00	3.18	10000	1000	2.46E+04	88%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T04-A	1	8.16E+03		8.16E+03	2.70	1.00	3.18					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T05-A	1	5.53E+03		5.53E+03	1.77	1.00	3.18					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T06-A	1	2.48E+03		2.48E+03	1.54	1.00	3.18					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T07-A	1	1.20E+03		1.20E+03	2.40	1.00	3.18					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T08-A	1	7.93E+02		7.93E+02	1.54	1.00	3.18					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T09-A	1	5.13E+02		5.13E+02	1.88	1.00	3.18					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T01-B	1	1.71E+05		1.71E+05	0.92	1.00	3.18					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T02-B	1	8.41E+04		8.41E+04	0.84	1.00	3.18					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T03-B	1	2.46E+04		2.46E+04	1.41	1.00	3.18	10000	1000	2.55E+04	89%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T04-B	1	1.04E+04		1.04E+04	1.13	1.00	3.18					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T05-B	1	5.86E+03		5.86E+03	1.02	1.00	3.18					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T06-B	1	2.66E+03		2.66E+03	2.82	1.00	3.18					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T07-B	1	1.26E+03		1.26E+03	1.84	1.00	3.18					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T08-B	1	7.85E+02		7.85E+02	1.78	1.00	3.18					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T09-B	1	5.34E+02		5.34E+02	1.55	1.00	3.18					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T01-C	1	1.94E+05		1.94E+05	2.98	1.00	3.18					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T02-C	1	7.22E+04		7.22E+04	1.50	1.00	3.18					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T03-C	1	2.10E+04		2.10E+04	1.79	1.00	3.18	10000	1000	2.19E+04	86%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T04-C	1	9.50E+03		9.50E+03	1.11	1.00	3.18					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T05-C	1	5.58E+03		5.58E+03	1.13	1.00	3.18					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T06-C	1	2.60E+03		2.60E+03	0.90	1.00	3.18					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T07-C	1	1.26E+03		1.26E+03	1.21	1.00	3.18					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T08-C	1	8.03E+02		8.03E+02	2.97	1.00	3.18					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-T09-C	1	5.30E+02		5.30E+02	0.48	1.00	3.18					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
B	JaFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	4.28	1.00	3.18					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	JaFS-L06-1314-T01-A	1	1.16E+02		1.16E+02	0.24	1.00	3.18					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T02-A	1	9.71E+01		9.71E+01	0.30	1.00	3.18					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T03-A	1	5.16E+01		5.16E+01	0.79	1.00	3.18	10000	1000	9.94E+02	94%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T04-A	1	3.92E+01		3.92E+01	1.66	1.00	3.18					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T05-A	1	3.10E+01		3.10E+01	1.40	1.00	3.18					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T06-A	1	2.69E+01		2.69E+01	2.19	1.00	3.18					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T07-A	1	2.01E+01		2.01E+01	6.17	1.00	3.18					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T08-A	1	1.38E+01		1.38E+01	1.45	1.00	3.18					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T09-A	1	1.08E+01		1.08E+01	1.99	1.00	3.18					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T01-B	1	1.26E+02		1.26E+02	0.94	1.00	3.18					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T02-B	1	9.55E+01		9.55E+01	0.50	1.00	3.18					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T03-B	1	4.86E+01		4.86E+01	1.95	1.00	3.18	10000	1000	9.97E+02	95%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T04-B	1	3.32E+01		3.32E+01	1.44	1.00	3.18					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T05-B	1	3.59E+01		3.59E+01	1.15	1.00	3.18					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T06-B	1	3.03E+01		3.03E+01	1.39	1.00	3.18					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T07-B	1	2.01E+01		2.01E+01	3.01	1.00	3.18					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T08-B	1	1.50E+01		1.50E+01	2.45	1.00	3.18					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T09-B	1	1.04E+01		1.04E+01	0.16	1.00	3.18					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T01-C	1	1.15E+02		1.15E+02	3.38	1.00	3.18					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T02-C	1	9.25E+01		9.25E+01	1.24	1.00	3.18					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T03-C	1	5.49E+01		5.49E+01	1.49	1.00	3.18	10000	1000	9.93E+02	94%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T04-C	1	3.51E+01		3.51E+01	1.39	1.00	3.18					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T05-C	1	3.25E+01		3.25E+01	1.73	1.00	3.18					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T06-C	1	3.00E+01		3.00E+01	0.55	1.00	3.18					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T07-C	1	2.00E+01		2.00E+01	1.30	1.00	3.18					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T08-C	1	1.37E+01		1.37E+01	1.05	1.00	3.18					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-T09-C	1	9.54E+00		9.54E+00	1.65	1.00	3.18					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Ba	JaFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	20.03	1.00	3.18					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	JaFS-L06-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	44.32	1.90	6.00					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	55.13	1.90	6.00					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	28.67	1.90	6.00	10000	1000	9.67E+02	97%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	23.65	1.90	6.00					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	50.66	1.90	6.00					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	11.60	1.90	6.00					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	58.61	1.90	6.00					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	74.34	1.90	6.00					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	35.57	1.90	6.00					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	11.08	1.90	6.00					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	59.83	1.90	6.00					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	8.77	1.90	6.00	10000	1000	9.79E+02	98%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	22.96	1.90	6.00					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	74.17	1.90	6.00					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	41.41	1.90	6.00					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	74.37	1.90	6.00					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	10.93	1.90	6.00					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	58.98	1.90	6.00					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	6.39	1.90	6.00					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	35.16	1.90	6.00					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	66.75	1.90	6.00	10000	1000	9.42E+02	94%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	25.77	1.90	6.00					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	6.32	1.90	6.00					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	27.99	1.90	6.00					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	37.45	1.90	6.00					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	67.54	1.90	6.00					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	27.09	1.90	6.00					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Be	JaFS-L06-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	51.16	1.90	6.00					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	JaFS-L06-1314-T01-A	1	1.52E+01		1.52E+01	3.25	2.20	7.00					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T02-A	1	4.16E+00	E	4.16E+00	7.79	2.20	7.00					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T03-A	1	1.10E+00	U1/2	1.10E+00	28.15	2.20	7.00	10000	1000	9.60E+02	96%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T04-A	1	1.10E+00	U1/2	1.10E+00	21.65	2.20	7.00					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T05-A	1	1.10E+00	U1/2	1.10E+00	6.13	2.20	7.00					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T06-A	1	1.10E+00	U1/2	1.10E+00	36.41	2.20	7.00					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T07-A	1	1.10E+00	U1/2	1.10E+00	53.01	2.20	7.00					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T08-A	1	1.10E+00	U1/2	1.10E+00	32.75	2.20	7.00					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T09-A	1	1.10E+00	U1/2	1.10E+00	23.28	2.20	7.00					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T01-B	1	1.80E+01		1.80E+01	1.92	2.20	7.00					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T02-B	1	4.42E+00	E	4.42E+00	4.84	2.20	7.00					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T03-B	1	1.10E+00	U1/2	1.10E+00	11.12	2.20	7.00	10000	1000	9.69E+02	97%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T04-B	1	1.10E+00	U1/2	1.10E+00	37.42	2.20	7.00					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T05-B	1	1.10E+00	U1/2	1.10E+00	10.35	2.20	7.00					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T06-B	1	1.10E+00	U1/2	1.10E+00	21.60	2.20	7.00					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T07-B	1	1.10E+00	U1/2	1.10E+00	29.01	2.20	7.00					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T08-B	1	1.10E+00	U1/2	1.10E+00	51.93	2.20	7.00					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T09-B	1	1.10E+00	U1/2	1.10E+00	47.09	2.20	7.00					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T01-C	1	2.18E+01		2.18E+01	5.63	2.20	7.00					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T02-C	1	3.01E+00	E	3.01E+00	3.64	2.20	7.00					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T03-C	1	1.10E+00	U1/2	1.10E+00	8.74	2.20	7.00	10000	1000	9.34E+02	93%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T04-C	1	1.10E+00	U1/2	1.10E+00	9.40	2.20	7.00					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T05-C	1	1.10E+00	U1/2	1.10E+00	4.24	2.20	7.00					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T06-C	1	1.10E+00	U1/2	1.10E+00	17.69	2.20	7.00					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T07-C	1	1.10E+00	U1/2	1.10E+00	18.90	2.20	7.00					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T08-C	1	1.10E+00	U1/2	1.10E+00	14.60	2.20	7.00					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-T09-C	1	1.10E+00	U1/2	1.10E+00	22.69	2.20	7.00					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Cd	JaFS-L06-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	59.95	2.20	7.00					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	JaFS-L06-1314-T01-A	1	3.31E+05		3.31E+05	0.37	2.60	8.30					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T02-A	1	5.37E+04		5.37E+04	0.21	2.60	8.30					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T03-A	1	1.63E+04		1.63E+04	0.19	2.60	8.30	10000	1000	1.72E+04	89%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T04-A	1	1.44E+04		1.44E+04	0.30	2.60	8.30					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T05-A	1	1.85E+04		1.85E+04	1.38	2.60	8.30					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T06-A	1	1.57E+04		1.57E+04	1.33	2.60	8.30					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T07-A	1	1.32E+04		1.32E+04	2.88	2.60	8.30					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T08-A	1	1.07E+04		1.07E+04	0.58	2.60	8.30					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T09-A	1	1.07E+04		1.07E+04	1.22	2.60	8.30					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T01-B	1	3.75E+05		3.75E+05	0.64	2.60	8.30					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T02-B	1	5.11E+04		5.11E+04	0.50	2.60	8.30					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T03-B	1	1.62E+04		1.62E+04	1.44	2.60	8.30	10000	1000	1.70E+04	86%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T04-B	1	1.77E+04		1.77E+04	2.01	2.60	8.30					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T05-B	1	1.88E+04		1.88E+04	1.55	2.60	8.30					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T06-B	1	1.63E+04		1.63E+04	1.79	2.60	8.30					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T07-B	1	1.32E+04		1.32E+04	1.70	2.60	8.30					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T08-B	1	1.08E+04		1.08E+04	1.65	2.60	8.30					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T09-B	1	1.02E+04		1.02E+04	0.64	2.60	8.30					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T01-C	1	4.28E+05		4.28E+05	2.81	2.60	8.30					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T02-C	1	5.11E+04		5.11E+04	1.44	2.60	8.30					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T03-C	1	1.56E+04		1.56E+04	0.68	2.60	8.30	10000	1000	1.65E+04	89%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T04-C	1	1.72E+04		1.72E+04	1.30	2.60	8.30					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T05-C	1	1.87E+04		1.87E+04	0.40	2.60	8.30					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T06-C	1	1.61E+04		1.61E+04	0.59	2.60	8.30					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T07-C	1	1.30E+04		1.30E+04	0.42	2.60	8.30					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T08-C	1	1.03E+04		1.03E+04	1.96	2.60	8.30					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-T09-C	1	9.14E+03		9.14E+03	0.37	2.60	8.30					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Ca	JaFS-L06-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	5.14	2.60	8.30					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	JaFS-L06-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	26.64	1.20	3.82					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	37.11	1.20	3.82					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	36.79	1.20	3.82	10000	1000	9.57E+02	96%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	36.67	1.20	3.82					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	3.40	1.20	3.82					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	17.22	1.20	3.82					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	9.85	1.20	3.82					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	19.36	1.20	3.82					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	22.63	1.20	3.82					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	17.16	1.20	3.82					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	18.32	1.20	3.82					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	22.47	1.20	3.82	10000	1000	9.72E+02	97%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	74.39	1.20	3.82					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	37.49	1.20	3.82					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	27.62	1.20	3.82					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	44.17	1.20	3.82					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	27.82	1.20	3.82					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	14.45	1.20	3.82					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	8.26	1.20	3.82					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	42.71	1.20	3.82					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	66.22	1.20	3.82	10000	1000	9.38E+02	94%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	46.58	1.20	3.82					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	12.51	1.20	3.82					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	36.08	1.20	3.82					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	6.05	1.20	3.82					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	63.17	1.20	3.82					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	29.87	1.20	3.82					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Cr	JaFS-L06-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	44.41	1.20	3.82					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	JaFS-L06-1314-T01-A	1	9.00E-01	U1/2	9.00E-01	7.35	1.80	5.72					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T02-A	1	9.00E-01	U1/2	9.00E-01	50.46	1.80	5.72					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T03-A	1	9.00E-01	U1/2	9.00E-01	28.71	1.80	5.72	10000	1000	9.40E+02	94%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	19.85	1.80	5.72					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	36.29	1.80	5.72					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	36.35	1.80	5.72					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	12.61	1.80	5.72					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	10.21	1.80	5.72					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	40.15	1.80	5.72					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T01-B	1	9.00E-01	U1/2	9.00E-01	35.22	1.80	5.72					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T02-B	1	9.00E-01	U1/2	9.00E-01	44.86	1.80	5.72					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T03-B	1	9.00E-01	U1/2	9.00E-01	245.54	1.80	5.72	10000	1000	9.55E+02	95%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	35.82	1.80	5.72					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	51.08	1.80	5.72					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	26.56	1.80	5.72					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	35.80	1.80	5.72					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	24.76	1.80	5.72					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	25.09	1.80	5.72					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T01-C	1	9.00E-01	U1/2	9.00E-01	34.56	1.80	5.72					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T02-C	1	9.00E-01	U1/2	9.00E-01	55.80	1.80	5.72					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T03-C	1	9.00E-01	U1/2	9.00E-01	47.39	1.80	5.72	10000	1000	9.23E+02	92%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	50.79	1.80	5.72					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	23.81	1.80	5.72					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	47.71	1.80	5.72					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	27.86	1.80	5.72					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	9.40	1.80	5.72					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	33.49	1.80	5.72					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Co	JaFS-L06-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	23.11	1.80	5.72					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	JaFS-L06-1314-T01-A	1	1.17E+03		1.17E+03	0.88	3.70	11.80					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T02-A	1	8.77E+02		8.77E+02	0.76	3.70	11.80					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T03-A	1	4.59E+02		4.59E+02	0.54	3.70	11.80	10000	1000	1.50E+03	104%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T04-A	1	2.48E+02		2.48E+02	8.20	3.70	11.80					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T05-A	1	2.14E+02		2.14E+02	1.47	3.70	11.80					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T06-A	1	1.53E+02		1.53E+02	0.98	3.70	11.80					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T07-A	1	1.03E+02		1.03E+02	2.26	3.70	11.80					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T08-A	1	8.15E+01		8.15E+01	1.45	3.70	11.80					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T09-A	1	6.92E+01		6.92E+01	2.48	3.70	11.80					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T01-B	1	1.05E+03		1.05E+03	0.59	3.70	11.80					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T02-B	1	8.21E+02		8.21E+02	0.66	3.70	11.80					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T03-B	1	4.56E+02		4.56E+02	2.17	3.70	11.80	10000	1000	1.53E+03	108%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T04-B	1	2.79E+02		2.79E+02	1.59	3.70	11.80					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T05-B	1	2.18E+02		2.18E+02	1.11	3.70	11.80					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T06-B	1	1.54E+02		1.54E+02	2.44	3.70	11.80					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T07-B	1	1.14E+02		1.14E+02	1.19	3.70	11.80					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T08-B	1	8.64E+01		8.64E+01	1.34	3.70	11.80					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T09-B	1	6.82E+01		6.82E+01	0.66	3.70	11.80					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T01-C	1	1.18E+03		1.18E+03	3.04	3.70	11.80					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T02-C	1	8.09E+02		8.09E+02	1.34	3.70	11.80					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T03-C	1	4.41E+02		4.41E+02	1.52	3.70	11.80	10000	1000	1.53E+03	109%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T04-C	1	2.79E+02		2.79E+02	2.00	3.70	11.80					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T05-C	1	2.29E+02		2.29E+02	1.20	3.70	11.80					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T06-C	1	1.69E+02		1.69E+02	0.57	3.70	11.80					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T07-C	1	1.28E+02		1.28E+02	2.05	3.70	11.80					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T08-C	1	9.70E+01		9.70E+01	4.67	3.70	11.80					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-T09-C	1	7.05E+01		7.05E+01	1.54	3.70	11.80					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Cu	JaFS-L06-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	33.55	3.70	11.80					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	JaFS-L06-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	19.22	2.00	6.40					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	8.47	2.00	6.40					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	5.86	2.00	6.40	10000	1000	9.15E+02	91%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	18.28	2.00	6.40					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	11.18	2.00	6.40					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	3.33	2.00	6.40					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	6.45	2.00	6.40					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	8.29	2.00	6.40					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	6.48	2.00	6.40					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	3.75	2.00	6.40					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	0.98	2.00	6.40					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	5.25	2.00	6.40	10000	1000	9.29E+02	93%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	3.80	2.00	6.40					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	2.94	2.00	6.40					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	7.17	2.00	6.40					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	4.90	2.00	6.40					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	6.83	2.00	6.40					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	2.30	2.00	6.40					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	12.50	2.00	6.40					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	7.82	2.00	6.40					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	6.89	2.00	6.40	10000	1000	8.99E+02	90%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	2.62	2.00	6.40					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	11.33	2.00	6.40					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	2.70	2.00	6.40					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	5.62	2.00	6.40					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	9.26	2.00	6.40					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	16.36	2.00	6.40					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Fe	JaFS-L06-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	13.67	2.00	6.40					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	JaFS-L06-1314-T01-A	1	9.54E+01		9.54E+01	4.71	6.80	21.60					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T02-A	1	1.35E+02		1.35E+02	1.30	6.80	21.60					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T03-A	1	1.17E+02		1.17E+02	4.54	6.80	21.60	10000	1000	1.03E+03	92%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T04-A	1	7.08E+01		7.08E+01	0.98	6.80	21.60					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T05-A	1	8.84E+01		8.84E+01	0.69	6.80	21.60					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T06-A	1	4.06E+01		4.06E+01	1.75	6.80	21.60					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T07-A	1	2.66E+01		2.66E+01	3.10	6.80	21.60					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T08-A	1	2.49E+01		2.49E+01	7.26	6.80	21.60					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T09-A	1	2.21E+01		2.21E+01	5.64	6.80	21.60					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T01-B	1	1.18E+02		1.18E+02	3.92	6.80	21.60					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T02-B	1	1.27E+02		1.27E+02	1.98	6.80	21.60					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T03-B	1	1.33E+02		1.33E+02	2.50	6.80	21.60	10000	1000	1.02E+03	88%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T04-B	1	1.07E+02		1.07E+02	3.08	6.80	21.60					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T05-B	1	8.84E+01		8.84E+01	3.46	6.80	21.60					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T06-B	1	7.15E+01		7.15E+01	3.14	6.80	21.60					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T07-B	1	3.50E+01		3.50E+01	4.65	6.80	21.60					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T08-B	1	2.81E+01		2.81E+01	5.90	6.80	21.60					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T09-B	1	2.44E+01		2.44E+01	7.48	6.80	21.60					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T01-C	1	9.29E+01		9.29E+01	6.99	6.80	21.60					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T02-C	1	1.31E+02		1.31E+02	2.56	6.80	21.60					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T03-C	1	1.32E+02		1.32E+02	4.49	6.80	21.60	10000	1000	1.03E+03	90%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T04-C	1	1.03E+02		1.03E+02	2.65	6.80	21.60					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T05-C	1	7.52E+01		7.52E+01	1.48	6.80	21.60					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T06-C	1	7.09E+01		7.09E+01	3.02	6.80	21.60					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T07-C	1	3.27E+01		3.27E+01	5.86	6.80	21.60					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T08-C	1	2.87E+01		2.87E+01	7.48	6.80	21.60					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-T09-C	1	2.53E+01		2.53E+01	6.68	6.80	21.60					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Pb	JaFS-L06-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	30.56	6.80	21.60					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	JaFS-L06-1314-T01-A	1	7.19E+01		7.19E+01	1.75	1.90	6.00					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T02-A	1	2.24E+01		2.24E+01	8.70	1.90	6.00					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	2.74	1.90	6.00	10000	1000	8.91E+02	89%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	1.55	1.90	6.00					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	5.39	1.90	6.00					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	4.42	1.90	6.00					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	4.95	1.90	6.00					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	9.34	1.90	6.00					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	3.17	1.90	6.00					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T01-B	1	7.57E+01		7.57E+01	3.43	1.90	6.00					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T02-B	1	2.29E+01		2.29E+01	2.55	1.90	6.00					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	2.60	1.90	6.00	10000	1000	8.94E+02	89%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	18.77	1.90	6.00					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	5.63	1.90	6.00					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	1.25	1.90	6.00					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	2.79	1.90	6.00					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	5.50	1.90	6.00					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	12.37	1.90	6.00					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T01-C	1	8.85E+01		8.85E+01	3.79	1.90	6.00					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T02-C	1	1.41E+01		1.41E+01	1.26	1.90	6.00					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	2.64	1.90	6.00	10000	1000	8.67E+02	87%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	5.67	1.90	6.00					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	3.95	1.90	6.00					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	2.47	1.90	6.00					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	6.20	1.90	6.00					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	14.87	1.90	6.00					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	1.31	1.90	6.00					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Li	JaFS-L06-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	5.45	1.90	6.00					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	JaFS-L06-1314-T01-A	1	2.40E+02		2.40E+02	1.46	2.00	6.40					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T02-A	1	5.26E+01		5.26E+01	1.57	2.00	6.40					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T03-A	1	1.05E+01		1.05E+01	0.20	2.00	6.40	10000	1000	9.06E+02	90%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T04-A	1	9.20E+00		9.20E+00	2.68	2.00	6.40					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T05-A	1	1.26E+01		1.26E+01	1.93	2.00	6.40					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T06-A	1	1.31E+01		1.31E+01	1.51	2.00	6.40					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T07-A	1	9.90E+00		9.90E+00	2.56	2.00	6.40					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T08-A	1	5.72E+00	E	5.72E+00	0.96	2.00	6.40					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T09-A	1	6.50E+00		6.50E+00	1.61	2.00	6.40					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T01-B	1	2.65E+02		2.65E+02	1.11	2.00	6.40					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T02-B	1	5.32E+01		5.32E+01	0.73	2.00	6.40					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T03-B	1	1.03E+01		1.03E+01	2.02	2.00	6.40	10000	1000	9.16E+02	91%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T04-B	1	1.06E+01		1.06E+01	1.95	2.00	6.40					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T05-B	1	1.05E+01		1.05E+01	2.53	2.00	6.40					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T06-B	1	1.02E+01		1.02E+01	2.70	2.00	6.40					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T07-B	1	7.41E+00		7.41E+00	1.45	2.00	6.40					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T08-B	1	4.89E+00	E	4.89E+00	2.11	2.00	6.40					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T09-B	1	6.16E+00	E	6.16E+00	1.85	2.00	6.40					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T01-C	1	3.22E+02		3.22E+02	1.72	2.00	6.40					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T02-C	1	3.26E+01		3.26E+01	1.09	2.00	6.40					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T03-C	1	9.83E+00		9.83E+00	1.07	2.00	6.40	10000	1000	9.16E+02	91%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T04-C	1	9.76E+00		9.76E+00	1.40	2.00	6.40					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T05-C	1	1.03E+01		1.03E+01	1.15	2.00	6.40					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T06-C	1	9.37E+00		9.37E+00	0.61	2.00	6.40					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T07-C	1	6.77E+00		6.77E+00	2.57	2.00	6.40					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T08-C	1	4.40E+00	E	4.40E+00	1.96	2.00	6.40					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-T09-C	1	3.51E+00	E	3.51E+00	1.18	2.00	6.40					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Mn	JaFS-L06-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	14.38	2.00	6.40					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	JaFS-L06-1314-T01-A	1	5.92E+04		5.92E+04	0.51	1.00	3.18					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T02-A	1	8.52E+03		8.52E+03	0.54	1.00	3.18					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T03-A	1	2.83E+03		2.83E+03	0.54	1.00	3.18	10000	1000	3.81E+03	98%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T04-A	1	2.32E+03		2.32E+03	0.88	1.00	3.18					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T05-A	1	3.00E+03		3.00E+03	0.90	1.00	3.18					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T06-A	1	2.34E+03		2.34E+03	0.75	1.00	3.18					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T07-A	1	1.84E+03		1.84E+03	2.86	1.00	3.18					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T08-A	1	1.36E+03		1.36E+03	0.43	1.00	3.18					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T09-A	1	1.27E+03		1.27E+03	0.31	1.00	3.18					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T01-B	1	6.65E+04		6.65E+04	0.96	1.00	3.18					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T02-B	1	8.34E+03		8.34E+03	1.13	1.00	3.18					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T03-B	1	2.70E+03		2.70E+03	1.30	1.00	3.18	10000	1000	3.66E+03	96%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T04-B	1	2.83E+03		2.83E+03	1.43	1.00	3.18					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T05-B	1	2.95E+03		2.95E+03	1.50	1.00	3.18					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T06-B	1	2.41E+03		2.41E+03	2.54	1.00	3.18					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T07-B	1	1.85E+03		1.85E+03	1.90	1.00	3.18					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T08-B	1	1.39E+03		1.39E+03	1.81	1.00	3.18					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T09-B	1	1.21E+03		1.21E+03	0.18	1.00	3.18					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T01-C	1	7.91E+04		7.91E+04	3.31	1.00	3.18					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T02-C	1	8.13E+03		8.13E+03	1.72	1.00	3.18					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T03-C	1	2.47E+03		2.47E+03	0.62	1.00	3.18	10000	1000	3.44E+03	97%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T04-C	1	2.62E+03		2.62E+03	1.53	1.00	3.18					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T05-C	1	2.81E+03		2.81E+03	0.76	1.00	3.18					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T06-C	1	2.26E+03		2.26E+03	0.86	1.00	3.18					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T07-C	1	1.76E+03		1.76E+03	0.67	1.00	3.18					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T08-C	1	1.31E+03		1.31E+03	1.34	1.00	3.18					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-T09-C	1	1.09E+03		1.09E+03	0.42	1.00	3.18					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Mg	JaFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	9.78	1.00	3.18					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	JaFS-L06-1314-T01-A	1	9.26E+01		9.26E+01	1.44	1.20	3.82					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T02-A	1	6.17E+01		6.17E+01	1.21	1.20	3.82					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T03-A	1	1.42E+01		1.42E+01	1.88	1.20	3.82	10000	1000	8.68E+02	85%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T04-A	1	1.14E+01		1.14E+01	1.23	1.20	3.82					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T05-A	1	1.17E+01		1.17E+01	0.93	1.20	3.82					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T06-A	1	7.82E+00		7.82E+00	9.95	1.20	3.82					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T07-A	1	5.46E+00		5.46E+00	1.88	1.20	3.82					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T08-A	1	2.28E+00	E	2.28E+00	10.20	1.20	3.82					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T09-A	1	4.09E+00		4.09E+00	4.75	1.20	3.82					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T01-B	1	1.03E+02		1.03E+02	0.67	1.20	3.82					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T02-B	1	6.68E+01		6.68E+01	1.74	1.20	3.82					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T03-B	1	1.48E+01		1.48E+01	6.98	1.20	3.82	10000	1000	9.34E+02	92%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T04-B	1	1.45E+01		1.45E+01	4.70	1.20	3.82					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T05-B	1	1.11E+01		1.11E+01	3.74	1.20	3.82					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T06-B	1	7.69E+00		7.69E+00	5.50	1.20	3.82					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T07-B	1	4.73E+00		4.73E+00	8.26	1.20	3.82					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T08-B	1	3.67E+00	E	3.67E+00	9.97	1.20	3.82					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T09-B	1	4.23E+00		4.23E+00	15.26	1.20	3.82					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T01-C	1	1.09E+02		1.09E+02	3.45	1.20	3.82					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T02-C	1	5.79E+01		5.79E+01	2.71	1.20	3.82					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T03-C	1	1.35E+01		1.35E+01	4.33	1.20	3.82	10000	1000	8.62E+02	85%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T04-C	1	1.41E+01		1.41E+01	3.61	1.20	3.82					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T05-C	1	1.23E+01		1.23E+01	4.11	1.20	3.82					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T06-C	1	7.15E+00		7.15E+00	2.68	1.20	3.82					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T07-C	1	4.63E+00		4.63E+00	8.03	1.20	3.82					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T08-C	1	3.60E+00	E	3.60E+00	13.46	1.20	3.82					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-T09-C	1	2.61E+00	E	2.61E+00	15.55	1.20	3.82					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Mo	JaFS-L06-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	17.54	1.20	3.82					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	JaFS-L06-1314-T01-A	1	7.66E+00		7.66E+00	3.36	1.80	5.70					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T02-A	1	3.18E+00	E	3.18E+00	13.46	1.80	5.70					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T03-A	1	2.02E+00	E	2.02E+00	27.87	1.80	5.70	10000	1000	9.44E+02	94%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	48.76	1.80	5.70					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	43.51	1.80	5.70					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	11.80	1.80	5.70					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	30.81	1.80	5.70					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	35.96	1.80	5.70					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	22.80	1.80	5.70					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T01-B	1	9.16E+00		9.16E+00	7.24	1.80	5.70					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T02-B	1	3.10E+00	E	3.10E+00	12.65	1.80	5.70					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T03-B	1	1.92E+00	E	1.92E+00	24.71	1.80	5.70	10000	1000	9.51E+02	95%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	60.29	1.80	5.70					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	47.03	1.80	5.70					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	22.93	1.80	5.70					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	29.91	1.80	5.70					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	52.41	1.80	5.70					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	48.44	1.80	5.70					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T01-C	1	1.60E+01		1.60E+01	6.00	1.80	5.70					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T02-C	1	2.44E+00	E	2.44E+00	34.61	1.80	5.70					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T03-C	1	1.90E+00	E	1.90E+00	18.38	1.80	5.70	10000	1000	9.21E+02	92%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	19.15	1.80	5.70					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	9.76	1.80	5.70					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	51.53	1.80	5.70					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	50.30	1.80	5.70					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	18.27	1.80	5.70					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	25.92	1.80	5.70					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Ni	JaFS-L06-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	44.62	1.80	5.70					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	JaFS-L06-1314-T01-A	1	7.03E+01		7.03E+01	1.92	3.70	11.80					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T02-A	1	4.48E+01		4.48E+01	4.60	3.70	11.80					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T03-A	1	3.71E+01		3.71E+01	16.26	3.70	11.80	10000	1000	9.05E+02	87%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T04-A	1	3.19E+01		3.19E+01	3.09	3.70	11.80					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T05-A	1	3.24E+01		3.24E+01	2.22	3.70	11.80					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T06-A	1	2.66E+01		2.66E+01	3.97	3.70	11.80					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T07-A	1	2.32E+01		2.32E+01	3.61	3.70	11.80					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T08-A	1	2.16E+01		2.16E+01	3.34	3.70	11.80					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T09-A	1	3.78E+01		3.78E+01	2.03	3.70	11.80					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T01-B	1	8.64E+01		8.64E+01	2.27	3.70	11.80					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T02-B	1	5.70E+01		5.70E+01	2.27	3.70	11.80					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T03-B	1	3.65E+01		3.65E+01	1.07	3.70	11.80	10000	1000	9.31E+02	89%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T04-B	1	4.50E+01		4.50E+01	10.58	3.70	11.80					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T05-B	1	2.58E+01		2.58E+01	9.85	3.70	11.80					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T06-B	1	2.26E+01		2.26E+01	4.25	3.70	11.80					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T07-B	1	2.36E+01		2.36E+01	2.83	3.70	11.80					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T08-B	1	3.14E+01		3.14E+01	3.18	3.70	11.80					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T09-B	1	4.03E+01		4.03E+01	1.50	3.70	11.80					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T01-C	1	9.65E+01		9.65E+01	1.18	3.70	11.80					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T02-C	1	5.94E+01		5.94E+01	6.36	3.70	11.80					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T03-C	1	4.19E+01		4.19E+01	2.84	3.70	11.80	10000	1000	8.96E+02	85%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T04-C	1	3.71E+01		3.71E+01	2.51	3.70	11.80					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T05-C	1	2.76E+01		2.76E+01	1.84	3.70	11.80					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T06-C	1	2.72E+01		2.72E+01	1.85	3.70	11.80					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T07-C	1	2.78E+01		2.78E+01	2.57	3.70	11.80					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T08-C	1	3.36E+01		3.36E+01	0.24	3.70	11.80					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-T09-C	1	5.59E+01		5.59E+01	1.52	3.70	11.80					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
P	JaFS-L06-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	25.07	3.70	11.80					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	JaFS-L06-1314-T01-A	1	5.90E+04		5.90E+04	0.38	1.60	5.09					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T02-A	1	2.45E+04		2.45E+04	0.46	1.60	5.09					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T03-A	1	1.03E+04		1.03E+04	0.31	1.60	5.09	10000	1000	1.12E+04	89%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T04-A	1	7.93E+03		7.93E+03	0.52	1.60	5.09					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T05-A	1	8.39E+03		8.39E+03	1.53	1.60	5.09					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T06-A	1	5.80E+03		5.80E+03	1.05	1.60	5.09					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T07-A	1	3.99E+03		3.99E+03	2.46	1.60	5.09					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T08-A	1	2.81E+03		2.81E+03	0.42	1.60	5.09					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T09-A	1	2.22E+03		2.22E+03	1.02	1.60	5.09					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T01-B	1	6.34E+04		6.34E+04	1.09	1.60	5.09					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T02-B	1	2.44E+04		2.44E+04	0.49	1.60	5.09					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T03-B	1	1.06E+04		1.06E+04	1.59	1.60	5.09	10000	1000	1.14E+04	88%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T04-B	1	9.75E+03		9.75E+03	1.65	1.60	5.09					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T05-B	1	8.66E+03		8.66E+03	1.35	1.60	5.09					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T06-B	1	6.08E+03		6.08E+03	2.02	1.60	5.09					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T07-B	1	4.05E+03		4.05E+03	1.71	1.60	5.09					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T08-B	1	2.94E+03		2.94E+03	2.17	1.60	5.09					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T09-B	1	2.24E+03		2.24E+03	0.93	1.60	5.09					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T01-C	1	6.85E+04		6.85E+04	3.13	1.60	5.09					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T02-C	1	1.77E+04		1.77E+04	1.53	1.60	5.09					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T03-C	1	1.02E+04		1.02E+04	0.82	1.60	5.09	10000	1000	1.11E+04	90%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T04-C	1	9.55E+03		9.55E+03	1.63	1.60	5.09					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T05-C	1	8.70E+03		8.70E+03	0.36	1.60	5.09					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T06-C	1	6.14E+03		6.14E+03	0.20	1.60	5.09					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T07-C	1	4.13E+03		4.13E+03	0.67	1.60	5.09					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T08-C	1	3.01E+03		3.01E+03	1.69	1.60	5.09					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-T09-C	1	2.24E+03		2.24E+03	0.51	1.60	5.09					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
K	JaFS-L06-1314-B01-A	1	1.73E+01		1.73E+01	3.27	1.60	5.09					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	JaFS-L06-1314-T01-A	1	5.30E+01		5.30E+01	1.50	15.00	47.70					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T02-A	1	1.98E+01	E	1.98E+01	18.11	15.00	47.70					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T03-A	1	7.50E+00	U1/2	7.50E+00	3.76	15.00	47.70	10000	1000	9.82E+02	97%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T04-A	1	7.50E+00	U1/2	7.50E+00	46.69	15.00	47.70					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T05-A	1	7.50E+00	U1/2	7.50E+00	35.01	15.00	47.70					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T06-A	1	7.50E+00	U1/2	7.50E+00	42.77	15.00	47.70					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T07-A	1	7.50E+00	U1/2	7.50E+00	28.60	15.00	47.70					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	9.34	15.00	47.70					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	28.41	15.00	47.70					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T01-B	1	5.30E+01		5.30E+01	3.12	15.00	47.70					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T02-B	1	1.98E+01	E	1.98E+01	17.13	15.00	47.70					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T03-B	1	7.50E+00	U1/2	7.50E+00	38.34	15.00	47.70	10000	1000	9.98E+02	99%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T04-B	1	7.50E+00	U1/2	7.50E+00	17.27	15.00	47.70					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T05-B	1	7.50E+00	U1/2	7.50E+00	24.69	15.00	47.70					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T06-B	1	7.50E+00	U1/2	7.50E+00	17.18	15.00	47.70					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T07-B	1	7.50E+00	U1/2	7.50E+00	9.11	15.00	47.70					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	35.41	15.00	47.70					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	29.31	15.00	47.70					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T01-C	1	5.30E+01		5.30E+01	1.23	15.00	47.70					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T02-C	1	1.98E+01	E	1.98E+01	19.72	15.00	47.70					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T03-C	1	7.50E+00	U1/2	7.50E+00	30.35	15.00	47.70	10000	1000	9.71E+02	96%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T04-C	1	7.50E+00	U1/2	7.50E+00	23.97	15.00	47.70					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T05-C	1	7.50E+00	U1/2	7.50E+00	54.13	15.00	47.70					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T06-C	1	7.50E+00	U1/2	7.50E+00	15.60	15.00	47.70					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T07-C	1	7.50E+00	U1/2	7.50E+00	29.14	15.00	47.70					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	22.78	15.00	47.70					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	37.73	15.00	47.70					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Se	JaFS-L06-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	26.05	15.00	47.70					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	JaFS-L06-1314-T01-A	1	5.82E+03		5.82E+03	0.55	1.10	3.50					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T02-A	1	3.25E+03		3.25E+03	0.53	1.10	3.50					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T03-A	1	2.45E+03		2.45E+03	0.57	1.10	3.50	10000	1000	3.33E+03	88%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T04-A	1	2.00E+03		2.00E+03	2.77	1.10	3.50					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T05-A	1	2.23E+03		2.23E+03	1.53	1.10	3.50					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T06-A	1	2.21E+03		2.21E+03	1.20	1.10	3.50					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T07-A	1	2.06E+03		2.06E+03	2.90	1.10	3.50					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T08-A	1	2.39E+03		2.39E+03	0.93	1.10	3.50					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T09-A	1	2.80E+03		2.80E+03	1.93	1.10	3.50					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T01-B	1	5.38E+03		5.38E+03	0.72	1.10	3.50					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T02-B	1	3.25E+03		3.25E+03	0.41	1.10	3.50					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T03-B	1	2.45E+03		2.45E+03	1.12	1.10	3.50	10000	1000	3.35E+03	90%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T04-B	1	2.44E+03		2.44E+03	1.44	1.10	3.50					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T05-B	1	2.22E+03		2.22E+03	1.19	1.10	3.50					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T06-B	1	2.16E+03		2.16E+03	2.15	1.10	3.50					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T07-B	1	2.02E+03		2.02E+03	1.94	1.10	3.50					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T08-B	1	2.39E+03		2.39E+03	1.69	1.10	3.50					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T09-B	1	2.76E+03		2.76E+03	1.31	1.10	3.50					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T01-C	1	5.38E+03		5.38E+03	3.31	1.10	3.50					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T02-C	1	3.10E+03		3.10E+03	1.69	1.10	3.50					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T03-C	1	2.40E+03		2.40E+03	0.65	1.10	3.50	10000	1000	3.31E+03	91%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T04-C	1	2.40E+03		2.40E+03	1.37	1.10	3.50					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T05-C	1	2.30E+03		2.30E+03	0.34	1.10	3.50					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T06-C	1	2.18E+03		2.18E+03	0.75	1.10	3.50					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T07-C	1	2.07E+03		2.07E+03	0.40	1.10	3.50					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T08-C	1	2.40E+03		2.40E+03	2.05	1.10	3.50					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-T09-C	1	2.74E+03		2.74E+03	0.82	1.10	3.50					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Si	JaFS-L06-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	12.88	1.10	3.50					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	JaFS-L06-1314-T01-A	1	2.16E+05		2.16E+05	0.08	2.50	8.00					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T02-A	1	1.10E+05		1.10E+05	0.09	2.50	8.00					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T03-A	1	3.96E+04		3.96E+04	0.87	2.50	8.00	10000	1000	4.05E+04	87%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T04-A	1	1.34E+04		1.34E+04	0.92	2.50	8.00					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T05-A	1	3.80E+03		3.80E+03	0.37	2.50	8.00					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T06-A	1	9.85E+02		9.85E+02	1.06	2.50	8.00					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T07-A	1	5.82E+02		5.82E+02	1.23	2.50	8.00					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T08-A	1	3.80E+02		3.80E+02	0.87	2.50	8.00					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T09-A	1	3.58E+02		3.58E+02	0.90	2.50	8.00					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T01-B	1	2.26E+05		2.26E+05	0.50	2.50	8.00					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T02-B	1	1.14E+05		1.14E+05	0.64	2.50	8.00					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T03-B	1	4.23E+04		4.23E+04	0.35	2.50	8.00	10000	1000	4.32E+04	89%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T04-B	1	1.78E+04		1.78E+04	0.37	2.50	8.00					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T05-B	1	3.90E+03		3.90E+03	0.35	2.50	8.00					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T06-B	1	1.02E+03		1.02E+03	1.41	2.50	8.00					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T07-B	1	5.60E+02		5.60E+02	0.93	2.50	8.00					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T08-B	1	4.21E+02		4.21E+02	1.49	2.50	8.00					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T09-B	1	3.52E+02		3.52E+02	0.66	2.50	8.00					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T01-C	1	2.43E+05		2.43E+05	0.61	2.50	8.00					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T02-C	1	8.86E+04		8.86E+04	0.56	2.50	8.00					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T03-C	1	3.97E+04		3.97E+04	1.04	2.50	8.00	10000	1000	4.06E+04	90%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T04-C	1	1.50E+04		1.50E+04	0.61	2.50	8.00					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T05-C	1	3.22E+03		3.22E+03	0.15	2.50	8.00					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T06-C	1	1.02E+03		1.02E+03	0.45	2.50	8.00					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T07-C	1	5.71E+02		5.71E+02	1.47	2.50	8.00					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T08-C	1	4.27E+02		4.27E+02	0.49	2.50	8.00					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-T09-C	1	3.50E+02		3.50E+02	0.37	2.50	8.00					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Na	JaFS-L06-1314-B01-A	1	1.25E+00	U1/2	1.25E+00	2.07	2.50	8.00					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	JaFS-L06-1314-T01-A	1	9.34E+03		9.34E+03	1.40	1.00	3.18					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T02-A	1	1.28E+03		1.28E+03	1.79	1.00	3.18					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T03-A	1	4.66E+02		4.66E+02	0.18	1.00	3.18	10000	1000	1.42E+03	95%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T04-A	1	4.61E+02		4.61E+02	7.36	1.00	3.18					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T05-A	1	5.15E+02		5.15E+02	1.68	1.00	3.18					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T06-A	1	4.23E+02		4.23E+02	1.27	1.00	3.18					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T07-A	1	3.46E+02		3.46E+02	2.77	1.00	3.18					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T08-A	1	2.73E+02		2.73E+02	0.89	1.00	3.18					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T09-A	1	2.64E+02		2.64E+02	1.39	1.00	3.18					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T01-B	1	1.04E+04		1.04E+04	1.30	1.00	3.18					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T02-B	1	1.24E+03		1.24E+03	1.24	1.00	3.18					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T03-B	1	4.55E+02		4.55E+02	1.64	1.00	3.18	10000	1000	1.37E+03	92%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T04-B	1	4.85E+02		4.85E+02	1.85	1.00	3.18					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T05-B	1	5.24E+02		5.24E+02	1.08	1.00	3.18					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T06-B	1	4.38E+02		4.38E+02	1.89	1.00	3.18					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T07-B	1	3.48E+02		3.48E+02	1.51	1.00	3.18					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T08-B	1	2.76E+02		2.76E+02	1.82	1.00	3.18					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T09-B	1	2.51E+02		2.51E+02	1.26	1.00	3.18					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T01-C	1	1.21E+04		1.21E+04	1.35	1.00	3.18					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T02-C	1	1.38E+03		1.38E+03	0.77	1.00	3.18					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T03-C	1	4.31E+02		4.31E+02	1.01	1.00	3.18	10000	1000	1.34E+03	91%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T04-C	1	4.72E+02		4.72E+02	1.82	1.00	3.18					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T05-C	1	5.04E+02		5.04E+02	1.19	1.00	3.18					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T06-C	1	4.23E+02		4.23E+02	0.69	1.00	3.18					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T07-C	1	3.34E+02		3.34E+02	1.04	1.00	3.18					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T08-C	1	2.63E+02		2.63E+02	1.68	1.00	3.18					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-T09-C	1	2.24E+02		2.24E+02	0.68	1.00	3.18					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Sr	JaFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	17.94	1.00	3.18					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	JaFS-L06-1314-T01-A	1	5.63E+05		5.63E+05	0.26	6.80	21.60					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T02-A	1	6.75E+04		6.75E+04	0.31	6.80	21.60					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T03-A	1	6.07E+03		6.07E+03	0.67	6.80	21.60	10000	1000	6.98E+03	91%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T04-A	1	3.87E+03		3.87E+03	0.86	6.80	21.60					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T05-A	1	4.19E+03		4.19E+03	1.97	6.80	21.60					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T06-A	1	3.24E+03		3.24E+03	1.26	6.80	21.60					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T07-A	1	2.70E+03		2.70E+03	2.83	6.80	21.60					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T08-A	1	1.90E+03		1.90E+03	0.37	6.80	21.60					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T09-A	1	1.93E+03		1.93E+03	0.96	6.80	21.60					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T01-B	1	6.24E+05		6.24E+05	0.88	6.80	21.60					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T02-B	1	6.68E+04		6.68E+04	0.38	6.80	21.60					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T03-B	1	6.18E+03		6.18E+03	1.33	6.80	21.60	10000	1000	7.09E+03	90%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T04-B	1	5.10E+03		5.10E+03	1.53	6.80	21.60					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T05-B	1	4.29E+03		4.29E+03	2.18	6.80	21.60					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T06-B	1	3.42E+03		3.42E+03	1.75	6.80	21.60					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T07-B	1	2.64E+03		2.64E+03	0.93	6.80	21.60					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T08-B	1	1.97E+03		1.97E+03	2.23	6.80	21.60					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T09-B	1	1.88E+03		1.88E+03	1.19	6.80	21.60					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T01-C	1	7.10E+05		7.10E+05	3.19	6.80	21.60					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T02-C	1	6.52E+04		6.52E+04	1.31	6.80	21.60					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T03-C	1	5.55E+03		5.55E+03	1.44	6.80	21.60	10000	1000	6.49E+03	94%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T04-C	1	4.80E+03		4.80E+03	1.75	6.80	21.60					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T05-C	1	4.28E+03		4.28E+03	0.82	6.80	21.60					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T06-C	1	3.37E+03		3.37E+03	1.00	6.80	21.60					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T07-C	1	2.61E+03		2.61E+03	0.45	6.80	21.60					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T08-C	1	1.96E+03		1.96E+03	2.15	6.80	21.60					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-T09-C	1	1.39E+03		1.39E+03	2.97	6.80	21.60					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
S	JaFS-L06-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	18.25	6.80	21.60					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	JaFS-L06-1314-T01-A	1	2.30E+00	U1/2	2.30E+00	45.78	4.60	14.60					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T02-A	1	2.30E+00	U1/2	2.30E+00	25.31	4.60	14.60					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T03-A	1	2.30E+00	U1/2	2.30E+00	4.83	4.60	14.60	10000	1000	9.32E+02	93%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T04-A	1	2.30E+00	U1/2	2.30E+00	15.49	4.60	14.60					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T05-A	1	2.30E+00	U1/2	2.30E+00	26.38	4.60	14.60					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T06-A	1	2.30E+00	U1/2	2.30E+00	22.42	4.60	14.60					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T07-A	1	2.30E+00	U1/2	2.30E+00	43.38	4.60	14.60					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T08-A	1	2.30E+00	U1/2	2.30E+00	36.94	4.60	14.60					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T09-A	1	2.30E+00	U1/2	2.30E+00	14.81	4.60	14.60					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T01-B	1	2.30E+00	U1/2	2.30E+00	30.27	4.60	14.60					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T02-B	1	2.30E+00	U1/2	2.30E+00	14.83	4.60	14.60					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T03-B	1	2.30E+00	U1/2	2.30E+00	55.91	4.60	14.60	10000	1000	9.38E+02	94%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T04-B	1	2.30E+00	U1/2	2.30E+00	45.46	4.60	14.60					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T05-B	1	2.30E+00	U1/2	2.30E+00	23.04	4.60	14.60					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T06-B	1	2.30E+00	U1/2	2.30E+00	29.31	4.60	14.60					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T07-B	1	2.30E+00	U1/2	2.30E+00	38.97	4.60	14.60					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T08-B	1	2.30E+00	U1/2	2.30E+00	5.83	4.60	14.60					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T09-B	1	2.30E+00	U1/2	2.30E+00	43.55	4.60	14.60					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T01-C	1	2.30E+00	U1/2	2.30E+00	73.70	4.60	14.60					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T02-C	1	2.30E+00	U1/2	2.30E+00	37.63	4.60	14.60					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T03-C	1	2.30E+00	U1/2	2.30E+00	52.88	4.60	14.60	10000	1000	9.03E+02	90%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T04-C	1	2.30E+00	U1/2	2.30E+00	77.87	4.60	14.60					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T05-C	1	2.30E+00	U1/2	2.30E+00	14.14	4.60	14.60					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T06-C	1	2.30E+00	U1/2	2.30E+00	43.99	4.60	14.60					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T07-C	1	2.30E+00	U1/2	2.30E+00	32.28	4.60	14.60					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T08-C	1	2.30E+00	U1/2	2.30E+00	44.29	4.60	14.60					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-T09-C	1	2.30E+00	U1/2	2.30E+00	26.19	4.60	14.60					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Tl	JaFS-L06-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	52.84	4.60	14.60					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	JaFS-L06-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	39.93	2.00	6.40					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	6.40	2.00	6.40					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	6.54	2.00	6.40	10000	1000	9.22E+02	92%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	15.80	2.00	6.40					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	17.00	2.00	6.40					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	17.90	2.00	6.40					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	16.94	2.00	6.40					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	24.37	2.00	6.40					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	7.41	2.00	6.40					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	32.31	2.00	6.40					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	26.36	2.00	6.40					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	4.36	2.00	6.40	10000	1000	9.34E+02	93%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	1.24	2.00	6.40					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	32.75	2.00	6.40					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	24.83	2.00	6.40					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	15.19	2.00	6.40					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	4.01	2.00	6.40					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	6.47	2.00	6.40					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	18.17	2.00	6.40					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	33.31	2.00	6.40					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	35.44	2.00	6.40	10000	1000	9.02E+02	90%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	12.12	2.00	6.40					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	14.46	2.00	6.40					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	38.74	2.00	6.40					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	26.67	2.00	6.40					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	5.74	2.00	6.40					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	6.55	2.00	6.40					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
Ti	JaFS-L06-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	11.79	2.00	6.40					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	JaFS-L06-1314-T01-A	1	2.14E+01		2.14E+01	3.20	1.50	4.77					VU ICP-OES	12/14/11 12:10 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T02-A	1	5.73E+00		5.73E+00	8.85	1.50	4.77					VU ICP-OES	12/14/11 12:12 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T03-A	1	7.50E-01	U1/2	7.50E-01	26.23	1.50	4.77	10000	1000	9.63E+02	96%	VU ICP-OES	12/14/11 12:13 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T04-A	1	7.50E-01	U1/2	7.50E-01	3.97	1.50	4.77					VU ICP-OES	12/14/11 12:15 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T05-A	1	7.50E-01	U1/2	7.50E-01	26.55	1.50	4.77					VU ICP-OES	12/14/11 12:17 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T06-A	1	7.50E-01	U1/2	7.50E-01	23.92	1.50	4.77					VU ICP-OES	12/14/11 12:18 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T07-A	1	7.50E-01	U1/2	7.50E-01	23.85	1.50	4.77					VU ICP-OES	12/14/11 12:20 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T08-A	1	7.50E-01	U1/2	7.50E-01	44.07	1.50	4.77					VU ICP-OES	12/14/11 12:22 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T09-A	1	7.50E-01	U1/2	7.50E-01	16.06	1.50	4.77					VU ICP-OES	12/14/11 12:23 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T01-B	1	2.41E+01		2.41E+01	2.91	1.50	4.77					VU ICP-OES	12/14/11 12:30 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T02-B	1	6.30E+00		6.30E+00	6.12	1.50	4.77					VU ICP-OES	12/14/11 12:31 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T03-B	1	7.50E-01	U1/2	7.50E-01	22.21	1.50	4.77	10000	1000	9.72E+02	97%	VU ICP-OES	12/14/11 12:33 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T04-B	1	7.50E-01	U1/2	7.50E-01	12.96	1.50	4.77					VU ICP-OES	12/14/11 12:35 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T05-B	1	7.50E-01	U1/2	7.50E-01	39.41	1.50	4.77					VU ICP-OES	12/14/11 12:36 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T06-B	1	7.50E-01	U1/2	7.50E-01	18.59	1.50	4.77					VU ICP-OES	12/14/11 12:38 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T07-B	1	7.50E-01	U1/2	7.50E-01	23.90	1.50	4.77					VU ICP-OES	12/14/11 12:40 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T08-B	1	7.50E-01	U1/2	7.50E-01	34.52	1.50	4.77					VU ICP-OES	12/14/11 12:41 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T09-B	1	7.50E-01	U1/2	7.50E-01	2.54	1.50	4.77					VU ICP-OES	12/14/11 12:43 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T01-C	1	2.68E+01		2.68E+01	1.99	1.50	4.77					VU ICP-OES	12/14/11 12:45 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T02-C	1	3.27E+00	E	3.27E+00	11.82	1.50	4.77					VU ICP-OES	12/14/11 12:46 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T03-C	1	7.50E-01	U1/2	7.50E-01	11.97	1.50	4.77	10000	1000	9.34E+02	93%	VU ICP-OES	12/14/11 12:48 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T04-C	1	7.50E-01	U1/2	7.50E-01	28.08	1.50	4.77					VU ICP-OES	12/14/11 12:50 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T05-C	1	7.50E-01	U1/2	7.50E-01	36.87	1.50	4.77					VU ICP-OES	12/14/11 12:51 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T06-C	1	1.52E+00	E	1.52E+00	16.21	1.50	4.77					VU ICP-OES	12/14/11 12:53 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T07-C	1	7.50E-01	U1/2	7.50E-01	14.65	1.50	4.77					VU ICP-OES	12/14/11 12:55 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T08-C	1	7.50E-01	U1/2	7.50E-01	30.01	1.50	4.77					VU ICP-OES	12/14/11 12:56 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-T09-C	1	7.50E-01	U1/2	7.50E-01	43.36	1.50	4.77					VU ICP-OES	12/14/11 12:58 PM	EPA Interlab L06 1314 JaFS
V	JaFS-L06-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	54.24	1.50	4.77					VU ICP-OES	12/14/11 12:08 PM	EPA Interlab L06 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	JaFS-L06-1314-T01-A	1	1.25E+03		1.25E+03	1.61	1.00	3.18					VU ICP-OES	3/7/12 10:18 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T02-A	1	5.73E+02		5.73E+02	1.62	1.00	3.18					VU ICP-OES	3/7/12 10:20 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T03-A	1	2.18E+02		2.18E+02	0.43	1.00	3.18	10000	1000	1.17E+03	96%	VU ICP-OES	3/7/12 10:22 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T04-A	1	1.23E+02		1.23E+02	0.87	1.00	3.18					VU ICP-OES	3/7/12 10:23 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T05-A	1	7.17E+01		7.17E+01	1.54	1.00	3.18					VU ICP-OES	3/7/12 10:25 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T06-A	1	5.62E+01		5.62E+01	2.04	1.00	3.18					VU ICP-OES	3/7/12 10:26 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T07-A	1	4.50E+01		4.50E+01	2.10	1.00	3.18					VU ICP-OES	3/7/12 10:28 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T08-A	1	3.26E+01		3.26E+01	0.98	1.00	3.18					VU ICP-OES	3/7/12 10:30 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T09-A	1	2.56E+01		2.56E+01	1.39	1.00	3.18					VU ICP-OES	3/7/12 10:31 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T01-B	1	1.22E+03		1.22E+03	0.89	1.00	3.18					VU ICP-OES	3/7/12 10:33 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T02-B	1	5.81E+02		5.81E+02	0.68	1.00	3.18					VU ICP-OES	3/7/12 10:35 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T03-B	1	2.33E+02		2.33E+02	1.17	1.00	3.18	10000	1000	1.13E+03	90%	VU ICP-OES	3/7/12 10:36 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T04-B	1	1.27E+02		1.27E+02	1.61	1.00	3.18					VU ICP-OES	3/7/12 10:38 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T05-B	1	7.40E+01		7.40E+01	1.38	1.00	3.18					VU ICP-OES	3/7/12 10:40 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T06-B	1	5.30E+01		5.30E+01	2.12	1.00	3.18					VU ICP-OES	3/7/12 10:41 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T07-B	1	4.34E+01		4.34E+01	1.81	1.00	3.18					VU ICP-OES	3/7/12 10:43 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T08-B	1	2.79E+01		2.79E+01	1.24	1.00	3.18					VU ICP-OES	3/7/12 10:44 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T09-B	1	2.13E+01		2.13E+01	1.32	1.00	3.18					VU ICP-OES	3/7/12 10:46 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T01-C	1	1.44E+03		1.44E+03	1.97	1.00	3.18					VU ICP-OES	3/7/12 10:51 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T02-C	1	6.11E+02		6.11E+02	1.26	1.00	3.18					VU ICP-OES	3/7/12 10:53 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T03-C	1	2.24E+02		2.24E+02	1.20	1.00	3.18	10000	1000	1.18E+03	95%	VU ICP-OES	3/7/12 10:54 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T04-C	1	1.31E+02		1.31E+02	1.55	1.00	3.18					VU ICP-OES	3/7/12 10:56 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T05-C	1	7.80E+01		7.80E+01	0.85	1.00	3.18					VU ICP-OES	3/7/12 10:57 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T06-C	1	5.31E+01		5.31E+01	0.59	1.00	3.18					VU ICP-OES	3/7/12 10:59 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T07-C	1	4.74E+01		4.74E+01	0.37	1.00	3.18					VU ICP-OES	3/7/12 11:01 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T08-C	1	2.49E+01		2.49E+01	2.74	1.00	3.18					VU ICP-OES	3/7/12 11:02 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-T09-C	1	2.26E+01		2.26E+01	0.25	1.00	3.18					VU ICP-OES	3/7/12 11:04 AM	EPA Interlab L06 1314 JaFS
Zn	JaFS-L06-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	1.40	1.00	3.18					VU ICP-OES	3/7/12 10:17 AM	EPA Interlab L06 1314 JaFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	JaFS-L07-1314-T01-A	1	5.70E+01		5.70E+01	0.47	1.00	3.18					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T02-A	1	5.49E+01		5.49E+01	3.64	1.00	3.18					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T03-A	1	1.89E+01		1.89E+01	2.65	1.00	3.18	10000	1000	1.05E+03	103%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T04-A	1	1.95E+01		1.95E+01	0.94	1.00	3.18					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T05-A	1	1.53E+01		1.53E+01	5.56	1.00	3.18					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T06-A	1	1.60E+01		1.60E+01	2.02	1.00	3.18					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T07-A	1	1.65E+01		1.65E+01	1.07	1.00	3.18					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T08-A	1	1.75E+01		1.75E+01	2.25	1.00	3.18					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T09-A	1	1.86E+01		1.86E+01	2.83	1.00	3.18					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T01-B	1	6.12E+01		6.12E+01	3.24	1.00	3.18					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T02-B	1	4.88E+01		4.88E+01	2.54	1.00	3.18					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T03-B	1	1.68E+01		1.68E+01	3.30	1.00	3.18	10000	1000	1.01E+03	100%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T04-B	1	1.65E+01		1.65E+01	5.62	1.00	3.18					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T05-B	1	1.54E+01		1.54E+01	3.98	1.00	3.18					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T06-B	1	1.48E+01		1.48E+01	2.11	1.00	3.18					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T07-B	1	1.57E+01		1.57E+01	1.23	1.00	3.18					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T08-B	1	1.74E+01		1.74E+01	0.32	1.00	3.18					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T09-B	1	1.85E+01		1.85E+01	1.71	1.00	3.18					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T01-C	1	6.50E+01		6.50E+01	0.92	1.00	3.18					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T02-C	1	4.84E+01		4.84E+01	1.92	1.00	3.18					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T03-C	1	2.02E+01		2.02E+01	2.18	1.00	3.18	10000	1000	1.03E+03	101%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T04-C	1	1.99E+01		1.99E+01	2.27	1.00	3.18					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T05-C	1	1.56E+01		1.56E+01	1.79	1.00	3.18					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T06-C	1	1.51E+01		1.51E+01	1.22	1.00	3.18					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T07-C	1	1.67E+01		1.67E+01	3.29	1.00	3.18					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T08-C	1	1.66E+01		1.66E+01	1.23	1.00	3.18					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-T09-C	1	1.43E+01		1.43E+01	4.47	1.00	3.18					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Al	JaFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	2.20	1.00	3.18					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	JaFS-L07-1314-T01-A	1	3.75E+00	U1/2	3.75E+00	25.14	7.50	23.90					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T02-A	1	3.75E+00	U1/2	3.75E+00	59.36	7.50	23.90					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T03-A	1	3.75E+00	U1/2	3.75E+00	46.87	7.50	23.90	10000	1000	1.00E+03	100%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T04-A	1	3.75E+00	U1/2	3.75E+00	84.02	7.50	23.90					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T05-A	1	3.75E+00	U1/2	3.75E+00	58.45	7.50	23.90					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T06-A	1	3.75E+00	U1/2	3.75E+00	51.65	7.50	23.90					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T07-A	1	3.75E+00	U1/2	3.75E+00	29.38	7.50	23.90					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T08-A	1	3.75E+00	U1/2	3.75E+00	15.52	7.50	23.90					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T09-A	1	3.75E+00	U1/2	3.75E+00	45.02	7.50	23.90					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T01-B	1	3.75E+00	U1/2	3.75E+00	37.62	7.50	23.90					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T02-B	1	3.75E+00	U1/2	3.75E+00	81.61	7.50	23.90					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T03-B	1	3.75E+00	U1/2	3.75E+00	85.13	7.50	23.90	10000	1000	9.70E+02	97%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T04-B	1	3.75E+00	U1/2	3.75E+00	6.61	7.50	23.90					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T05-B	1	3.75E+00	U1/2	3.75E+00	41.03	7.50	23.90					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T06-B	1	3.75E+00	U1/2	3.75E+00	27.14	7.50	23.90					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T07-B	1	3.75E+00	U1/2	3.75E+00	19.55	7.50	23.90					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T08-B	1	3.75E+00	U1/2	3.75E+00	62.29	7.50	23.90					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T09-B	1	3.75E+00	U1/2	3.75E+00	56.31	7.50	23.90					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T01-C	1	3.75E+00	U1/2	3.75E+00	73.86	7.50	23.90					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T02-C	1	3.75E+00	U1/2	3.75E+00	73.73	7.50	23.90					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T03-C	1	3.75E+00	U1/2	3.75E+00	45.63	7.50	23.90	10000	1000	1.02E+03	102%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T04-C	1	3.75E+00	U1/2	3.75E+00	39.29	7.50	23.90					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T05-C	1	3.75E+00	U1/2	3.75E+00	11.55	7.50	23.90					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T06-C	1	3.75E+00	U1/2	3.75E+00	53.44	7.50	23.90					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T07-C	1	3.75E+00	U1/2	3.75E+00	94.53	7.50	23.90					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T08-C	1	3.75E+00	U1/2	3.75E+00	54.85	7.50	23.90					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-T09-C	1	3.75E+00	U1/2	3.75E+00	60.37	7.50	23.90					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Sb	JaFS-L07-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	38.52	7.50	23.90					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	JaFS-L07-1314-T01-A	1	5.50E+00	U1/2	5.50E+00	28.54	11.00	35.00					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T02-A	1	5.50E+00	U1/2	5.50E+00	23.84	11.00	35.00					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T03-A	1	5.50E+00	U1/2	5.50E+00	56.32	11.00	35.00	10000	1000	1.00E+03	100%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T04-A	1	5.50E+00	U1/2	5.50E+00	13.08	11.00	35.00					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T05-A	1	5.50E+00	U1/2	5.50E+00	27.56	11.00	35.00					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T06-A	1	5.50E+00	U1/2	5.50E+00	9.20	11.00	35.00					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T07-A	1	5.50E+00	U1/2	5.50E+00	42.73	11.00	35.00					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T08-A	1	5.50E+00	U1/2	5.50E+00	4.88	11.00	35.00					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T09-A	1	5.50E+00	U1/2	5.50E+00	35.42	11.00	35.00					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T01-B	1	5.50E+00	U1/2	5.50E+00	33.31	11.00	35.00					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T02-B	1	5.50E+00	U1/2	5.50E+00	29.21	11.00	35.00					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T03-B	1	5.50E+00	U1/2	5.50E+00	27.39	11.00	35.00	10000	1000	9.84E+02	98%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T04-B	1	5.50E+00	U1/2	5.50E+00	18.54	11.00	35.00					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T05-B	1	5.50E+00	U1/2	5.50E+00	26.06	11.00	35.00					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T06-B	1	5.50E+00	U1/2	5.50E+00	17.99	11.00	35.00					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T07-B	1	5.50E+00	U1/2	5.50E+00	25.63	11.00	35.00					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T08-B	1	5.50E+00	U1/2	5.50E+00	22.23	11.00	35.00					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T09-B	1	5.50E+00	U1/2	5.50E+00	12.38	11.00	35.00					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T01-C	1	5.50E+00	U1/2	5.50E+00	34.81	11.00	35.00					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T02-C	1	5.50E+00	U1/2	5.50E+00	16.14	11.00	35.00					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T03-C	1	5.50E+00	U1/2	5.50E+00	33.49	11.00	35.00	10000	1000	1.03E+03	103%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T04-C	1	5.50E+00	U1/2	5.50E+00	32.68	11.00	35.00					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T05-C	1	5.50E+00	U1/2	5.50E+00	30.60	11.00	35.00					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T06-C	1	5.50E+00	U1/2	5.50E+00	42.97	11.00	35.00					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T07-C	1	5.50E+00	U1/2	5.50E+00	45.64	11.00	35.00					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T08-C	1	5.50E+00	U1/2	5.50E+00	10.87	11.00	35.00					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-T09-C	1	5.50E+00	U1/2	5.50E+00	42.72	11.00	35.00					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
As	JaFS-L07-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	48.13	11.00	35.00					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	JaFS-L07-1314-T01-A	1	1.06E+05		1.06E+05	0.65	1.00	3.18					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T02-A	1	8.87E+04		8.87E+04	1.92	1.00	3.18					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T03-A	1	4.60E+04		4.60E+04	0.79	1.00	3.18	10000	1000	4.68E+04	88%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T04-A	1	1.46E+04		1.46E+04	1.02	1.00	3.18					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T05-A	1	7.68E+03		7.68E+03	1.52	1.00	3.18					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T06-A	1	3.25E+03		3.25E+03	1.75	1.00	3.18					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T07-A	1	1.90E+03		1.90E+03	1.19	1.00	3.18					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T08-A	1	1.20E+03		1.20E+03	0.95	1.00	3.18					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T09-A	1	7.72E+02		7.72E+02	1.68	1.00	3.18					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T01-B	1	1.34E+05		1.34E+05	1.45	1.00	3.18					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T02-B	1	8.80E+04		8.80E+04	1.60	1.00	3.18					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T03-B	1	3.40E+04		3.40E+04	0.21	1.00	3.18	10000	1000	3.48E+04	87%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T04-B	1	1.28E+04		1.28E+04	3.71	1.00	3.18					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T05-B	1	7.23E+03		7.23E+03	3.23	1.00	3.18					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T06-B	1	3.08E+03		3.08E+03	2.34	1.00	3.18					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T07-B	1	1.85E+03		1.85E+03	0.92	1.00	3.18					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T08-B	1	1.14E+03		1.14E+03	3.38	1.00	3.18					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T09-B	1	8.30E+02		8.30E+02	0.87	1.00	3.18					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T01-C	1	1.34E+05		1.34E+05	0.61	1.00	3.18					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T02-C	1	9.18E+04		9.18E+04	2.49	1.00	3.18					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T03-C	1	3.62E+04		3.62E+04	1.39	1.00	3.18	10000	1000	3.71E+04	90%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T04-C	1	1.24E+04		1.24E+04	1.74	1.00	3.18					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T05-C	1	7.02E+03		7.02E+03	0.44	1.00	3.18					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T06-C	1	3.13E+03		3.13E+03	2.66	1.00	3.18					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T07-C	1	1.90E+03		1.90E+03	1.28	1.00	3.18					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T08-C	1	1.19E+03		1.19E+03	0.93	1.00	3.18					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-T09-C	1	7.52E+02		7.52E+02	0.40	1.00	3.18					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
B	JaFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	8.36	1.00	3.18					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	JaFS-L07-1314-T01-A	1	1.35E+02		1.35E+02	1.29	1.00	3.18					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T02-A	1	7.59E+01		7.59E+01	1.52	1.00	3.18					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T03-A	1	4.44E+01		4.44E+01	1.54	1.00	3.18	10000	1000	1.07E+03	102%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T04-A	1	2.69E+01		2.69E+01	1.08	1.00	3.18					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T05-A	1	2.64E+01		2.64E+01	1.16	1.00	3.18					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T06-A	1	2.32E+01		2.32E+01	1.34	1.00	3.18					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T07-A	1	2.11E+01		2.11E+01	2.91	1.00	3.18					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T08-A	1	1.46E+01		1.46E+01	1.92	1.00	3.18					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T09-A	1	1.10E+01		1.10E+01	1.45	1.00	3.18					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T01-B	1	1.42E+02		1.42E+02	0.85	1.00	3.18					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T02-B	1	8.02E+01		8.02E+01	0.39	1.00	3.18					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T03-B	1	3.18E+01		3.18E+01	1.77	1.00	3.18	10000	1000	1.01E+03	97%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T04-B	1	2.66E+01		2.66E+01	3.62	1.00	3.18					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T05-B	1	2.77E+01		2.77E+01	2.79	1.00	3.18					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T06-B	1	2.15E+01		2.15E+01	0.82	1.00	3.18					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T07-B	1	2.11E+01		2.11E+01	0.92	1.00	3.18					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T08-B	1	1.44E+01		1.44E+01	2.77	1.00	3.18					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T09-B	1	1.20E+01		1.20E+01	0.80	1.00	3.18					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T01-C	1	1.33E+02		1.33E+02	0.98	1.00	3.18					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T02-C	1	8.37E+01		8.37E+01	1.78	1.00	3.18					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T03-C	1	2.75E+01		2.75E+01	1.58	1.00	3.18	10000	1000	1.06E+03	103%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T04-C	1	2.48E+01		2.48E+01	0.77	1.00	3.18					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T05-C	1	2.65E+01		2.65E+01	0.95	1.00	3.18					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T06-C	1	2.29E+01		2.29E+01	0.79	1.00	3.18					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T07-C	1	2.25E+01		2.25E+01	1.25	1.00	3.18					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T08-C	1	1.47E+01		1.47E+01	1.54	1.00	3.18					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-T09-C	1	1.12E+01		1.12E+01	1.48	1.00	3.18					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Ba	JaFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	16.69	1.00	3.18					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	JaFS-L07-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	24.68	1.90	6.00					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	32.83	1.90	6.00					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	13.78	1.90	6.00	10000	1000	1.06E+03	105%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	64.96	1.90	6.00					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	6.22	1.90	6.00					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	38.15	1.90	6.00					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	62.63	1.90	6.00					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	38.93	1.90	6.00					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	60.04	1.90	6.00					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	38.25	1.90	6.00					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	23.66	1.90	6.00					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	48.12	1.90	6.00	10000	1000	1.01E+03	101%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	32.50	1.90	6.00					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	48.88	1.90	6.00					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	10.34	1.90	6.00					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	39.38	1.90	6.00					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	43.69	1.90	6.00					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	53.25	1.90	6.00					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	59.17	1.90	6.00					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	60.20	1.90	6.00					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	9.19	1.90	6.00	10000	1000	1.08E+03	107%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	63.68	1.90	6.00					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	33.21	1.90	6.00					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	53.98	1.90	6.00					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	28.56	1.90	6.00					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	54.65	1.90	6.00					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	32.10	1.90	6.00					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Be	JaFS-L07-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	17.61	1.90	6.00					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	JaFS-L07-1314-T01-A	1	1.86E+01		1.86E+01	2.09	2.20	7.00					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T02-A	1	4.84E+00	E	4.84E+00	1.49	2.20	7.00					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T03-A	1	1.10E+00	U1/2	1.10E+00	5.71	2.20	7.00	10000	1000	1.06E+03	106%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T04-A	1	1.10E+00	U1/2	1.10E+00	12.61	2.20	7.00					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T05-A	1	1.10E+00	U1/2	1.10E+00	19.32	2.20	7.00					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T06-A	1	1.10E+00	U1/2	1.10E+00	7.51	2.20	7.00					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T07-A	1	1.10E+00	U1/2	1.10E+00	28.42	2.20	7.00					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T08-A	1	1.10E+00	U1/2	1.10E+00	25.80	2.20	7.00					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T09-A	1	1.10E+00	U1/2	1.10E+00	36.80	2.20	7.00					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T01-B	1	1.65E+01		1.65E+01	0.82	2.20	7.00					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T02-B	1	5.93E+00	E	5.93E+00	1.86	2.20	7.00					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T03-B	1	1.10E+00	U1/2	1.10E+00	11.04	2.20	7.00	10000	1000	1.03E+03	103%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T04-B	1	1.10E+00	U1/2	1.10E+00	7.44	2.20	7.00					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T05-B	1	1.10E+00	U1/2	1.10E+00	13.86	2.20	7.00					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T06-B	1	1.10E+00	U1/2	1.10E+00	22.83	2.20	7.00					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T07-B	1	1.10E+00	U1/2	1.10E+00	19.68	2.20	7.00					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T08-B	1	1.10E+00	U1/2	1.10E+00	3.18	2.20	7.00					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T09-B	1	1.10E+00	U1/2	1.10E+00	13.23	2.20	7.00					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T01-C	1	1.83E+01		1.83E+01	1.36	2.20	7.00					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T02-C	1	6.44E+00	E	6.44E+00	2.69	2.20	7.00					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T03-C	1	1.10E+00	U1/2	1.10E+00	9.11	2.20	7.00	10000	1000	1.09E+03	109%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T04-C	1	1.10E+00	U1/2	1.10E+00	5.83	2.20	7.00					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T05-C	1	1.10E+00	U1/2	1.10E+00	10.52	2.20	7.00					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T06-C	1	1.10E+00	U1/2	1.10E+00	11.97	2.20	7.00					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T07-C	1	1.10E+00	U1/2	1.10E+00	23.59	2.20	7.00					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T08-C	1	1.10E+00	U1/2	1.10E+00	20.22	2.20	7.00					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-T09-C	1	1.10E+00	U1/2	1.10E+00	31.15	2.20	7.00					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Cd	JaFS-L07-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	34.46	2.20	7.00					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	JaFS-L07-1314-T01-A	1	2.96E+05		2.96E+05	0.27	2.60	8.30					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T02-A	1	3.58E+04		3.58E+04	1.74	2.60	8.30					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T03-A	1	2.03E+04		2.03E+04	0.54	2.60	8.30	10000	1000	2.12E+04	89%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T04-A	1	1.64E+04		1.64E+04	0.70	2.60	8.30					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T05-A	1	1.53E+04		1.53E+04	0.46	2.60	8.30					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T06-A	1	1.31E+04		1.31E+04	0.94	2.60	8.30					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T07-A	1	1.24E+04		1.24E+04	1.83	2.60	8.30					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T08-A	1	1.08E+04		1.08E+04	0.96	2.60	8.30					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T09-A	1	1.02E+04		1.02E+04	0.67	2.60	8.30					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T01-B	1	3.12E+05		3.12E+05	1.48	2.60	8.30					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T02-B	1	4.21E+04		4.21E+04	0.69	2.60	8.30					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T03-B	1	2.21E+04		2.21E+04	1.77	2.60	8.30	10000	1000	2.30E+04	93%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T04-B	1	1.65E+04		1.65E+04	2.62	2.60	8.30					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T05-B	1	1.64E+04		1.64E+04	2.35	2.60	8.30					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T06-B	1	1.29E+04		1.29E+04	0.35	2.60	8.30					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T07-B	1	1.18E+04		1.18E+04	1.12	2.60	8.30					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T08-B	1	1.04E+04		1.04E+04	4.33	2.60	8.30					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T09-B	1	1.06E+04		1.06E+04	1.00	2.60	8.30					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T01-C	1	3.22E+05		3.22E+05	1.00	2.60	8.30					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T02-C	1	3.86E+04		3.86E+04	1.48	2.60	8.30					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T03-C	1	2.09E+04		2.09E+04	0.93	2.60	8.30	10000	1000	2.18E+04	91%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T04-C	1	1.52E+04		1.52E+04	0.83	2.60	8.30					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T05-C	1	1.53E+04		1.53E+04	0.27	2.60	8.30					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T06-C	1	1.30E+04		1.30E+04	0.30	2.60	8.30					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T07-C	1	1.20E+04		1.20E+04	0.54	2.60	8.30					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T08-C	1	1.06E+04		1.06E+04	0.30	2.60	8.30					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-T09-C	1	1.01E+04		1.01E+04	0.62	2.60	8.30					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Ca	JaFS-L07-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	2.25	2.60	8.30					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	JaFS-L07-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	35.74	1.20	3.82					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	49.09	1.20	3.82					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	73.73	1.20	3.82	10000	1000	9.54E+02	95%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	70.91	1.20	3.82					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	3.05	1.20	3.82					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	53.28	1.20	3.82					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	39.78	1.20	3.82					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	56.86	1.20	3.82					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	60.53	1.20	3.82					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	55.69	1.20	3.82					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	56.35	1.20	3.82					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	29.78	1.20	3.82	10000	1000	9.43E+02	94%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	4.72	1.20	3.82					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	35.80	1.20	3.82					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	47.43	1.20	3.82					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	5.93	1.20	3.82					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	56.24	1.20	3.82					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	50.75	1.20	3.82					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	63.73	1.20	3.82					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	87.23	1.20	3.82					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	36.63	1.20	3.82	10000	1000	9.98E+02	100%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	2.77	1.20	3.82					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	14.15	1.20	3.82					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	7.09	1.20	3.82					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	10.94	1.20	3.82					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	46.11	1.20	3.82					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	50.79	1.20	3.82					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Cr	JaFS-L07-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	17.59	1.20	3.82					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	JaFS-L07-1314-T01-A	1	9.00E-01	U1/2	9.00E-01	76.06	1.80	5.72					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T02-A	1	9.00E-01	U1/2	9.00E-01	38.57	1.80	5.72					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T03-A	1	9.00E-01	U1/2	9.00E-01	37.74	1.80	5.72	10000	1000	8.95E+02	89%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	5.03	1.80	5.72					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	36.44	1.80	5.72					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	31.82	1.80	5.72					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	27.69	1.80	5.72					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	16.09	1.80	5.72					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	15.55	1.80	5.72					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T01-B	1	9.00E-01	U1/2	9.00E-01	45.11	1.80	5.72					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T02-B	1	9.00E-01	U1/2	9.00E-01	97.24	1.80	5.72					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T03-B	1	9.00E-01	U1/2	9.00E-01	22.79	1.80	5.72	10000	1000	8.83E+02	88%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	48.21	1.80	5.72					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	57.34	1.80	5.72					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	34.71	1.80	5.72					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	25.13	1.80	5.72					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	32.21	1.80	5.72					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	6.56	1.80	5.72					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T01-C	1	9.00E-01	U1/2	9.00E-01	25.25	1.80	5.72					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T02-C	1	9.00E-01	U1/2	9.00E-01	37.71	1.80	5.72					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T03-C	1	9.00E-01	U1/2	9.00E-01	41.50	1.80	5.72	10000	1000	9.37E+02	94%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	17.47	1.80	5.72					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	27.90	1.80	5.72					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	39.32	1.80	5.72					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	15.87	1.80	5.72					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	9.15	1.80	5.72					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	24.45	1.80	5.72					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Co	JaFS-L07-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	50.34	1.80	5.72					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	JaFS-L07-1314-T01-A	1	1.00E+03		1.00E+03	0.18	3.70	11.80					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T02-A	1	8.29E+02		8.29E+02	2.20	3.70	11.80					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T03-A	1	6.68E+02		6.68E+02	1.04	3.70	11.80	10000	1000	1.67E+03	100%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T04-A	1	3.56E+02		3.56E+02	1.42	3.70	11.80					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T05-A	1	2.46E+02		2.46E+02	1.46	3.70	11.80					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T06-A	1	1.69E+02		1.69E+02	1.32	3.70	11.80					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T07-A	1	1.28E+02		1.28E+02	2.04	3.70	11.80					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T08-A	1	8.97E+01		8.97E+01	0.64	3.70	11.80					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T09-A	1	6.39E+01		6.39E+01	2.64	3.70	11.80					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T01-B	1	1.05E+03		1.05E+03	0.76	3.70	11.80					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T02-B	1	9.01E+02		9.01E+02	2.08	3.70	11.80					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T03-B	1	5.73E+02		5.73E+02	1.65	3.70	11.80	10000	1000	1.63E+03	105%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T04-B	1	3.17E+02		3.17E+02	1.86	3.70	11.80					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T05-B	1	2.37E+02		2.37E+02	1.81	3.70	11.80					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T06-B	1	1.70E+02		1.70E+02	1.13	3.70	11.80					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T07-B	1	1.16E+02		1.16E+02	0.91	3.70	11.80					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T08-B	1	8.45E+01		8.45E+01	5.48	3.70	11.80					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T09-B	1	6.14E+01		6.14E+01	1.92	3.70	11.80					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T01-C	1	1.08E+03		1.08E+03	0.73	3.70	11.80					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T02-C	1	8.65E+02		8.65E+02	1.86	3.70	11.80					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T03-C	1	5.91E+02		5.91E+02	3.37	3.70	11.80	10000	1000	1.63E+03	104%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T04-C	1	3.30E+02		3.30E+02	0.78	3.70	11.80					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T05-C	1	2.44E+02		2.44E+02	0.50	3.70	11.80					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T06-C	1	1.74E+02		1.74E+02	2.18	3.70	11.80					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T07-C	1	1.34E+02		1.34E+02	0.84	3.70	11.80					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T08-C	1	9.41E+01		9.41E+01	0.36	3.70	11.80					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-T09-C	1	6.28E+01		6.28E+01	1.60	3.70	11.80					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Cu	JaFS-L07-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	18.04	3.70	11.80					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	JaFS-L07-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	2.52	2.00	6.40					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	5.84	2.00	6.40					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	11.07	2.00	6.40	10000	1000	9.00E+02	90%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	13.39	2.00	6.40					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	13.33	2.00	6.40					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	8.25	2.00	6.40					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	7.66	2.00	6.40					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	1.58	2.00	6.40					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	4.37	2.00	6.40					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	0.88	2.00	6.40					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	2.45	2.00	6.40					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	3.29	2.00	6.40	10000	1000	8.86E+02	88%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	3.08	2.00	6.40					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	6.73	2.00	6.40					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	4.54	2.00	6.40					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	8.89	2.00	6.40					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	8.43	2.00	6.40					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	2.74	2.00	6.40					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	5.55	2.00	6.40					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	8.75	2.00	6.40					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	3.49	2.00	6.40	10000	1000	9.39E+02	94%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	6.80	2.00	6.40					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	3.39	2.00	6.40					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	11.41	2.00	6.40					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	8.77	2.00	6.40					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	4.37	2.00	6.40					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	12.31	2.00	6.40					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Fe	JaFS-L07-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	8.49	2.00	6.40					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	JaFS-L07-1314-T01-A	1	8.96E+01		8.96E+01	3.14	6.80	21.60					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T02-A	1	1.13E+02		1.13E+02	1.85	6.80	21.60					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T03-A	1	1.19E+02		1.19E+02	3.94	6.80	21.60	10000	1000	1.04E+03	92%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T04-A	1	8.36E+01		8.36E+01	1.47	6.80	21.60					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T05-A	1	6.40E+01		6.40E+01	4.04	6.80	21.60					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T06-A	1	5.34E+01		5.34E+01	5.60	6.80	21.60					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T07-A	1	5.31E+01		5.31E+01	8.08	6.80	21.60					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T08-A	1	4.76E+01		4.76E+01	4.81	6.80	21.60					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T09-A	1	3.57E+01		3.57E+01	9.86	6.80	21.60					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T01-B	1	9.42E+01		9.42E+01	3.75	6.80	21.60					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T02-B	1	1.32E+02		1.32E+02	2.84	6.80	21.60					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T03-B	1	1.03E+02		1.03E+02	6.55	6.80	21.60	10000	1000	1.03E+03	93%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T04-B	1	7.03E+01		7.03E+01	6.80	6.80	21.60					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T05-B	1	6.31E+01		6.31E+01	3.70	6.80	21.60					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T06-B	1	5.39E+01		5.39E+01	4.01	6.80	21.60					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T07-B	1	4.85E+01		4.85E+01	7.37	6.80	21.60					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T08-B	1	3.94E+01		3.94E+01	3.33	6.80	21.60					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T09-B	1	3.70E+01		3.70E+01	7.75	6.80	21.60					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T01-C	1	8.39E+01		8.39E+01	4.22	6.80	21.60					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T02-C	1	1.26E+02		1.26E+02	4.42	6.80	21.60					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T03-C	1	1.18E+02		1.18E+02	2.69	6.80	21.60	10000	1000	1.03E+03	91%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T04-C	1	7.93E+01		7.93E+01	6.40	6.80	21.60					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T05-C	1	6.54E+01		6.54E+01	3.45	6.80	21.60					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T06-C	1	5.46E+01		5.46E+01	4.77	6.80	21.60					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T07-C	1	4.46E+01		4.46E+01	3.64	6.80	21.60					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T08-C	1	3.50E+01		3.50E+01	12.39	6.80	21.60					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-T09-C	1	3.68E+01		3.68E+01	5.35	6.80	21.60					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Pb	JaFS-L07-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	46.41	6.80	21.60					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	JaFS-L07-1314-T01-A	1	7.12E+01		7.12E+01	5.04	1.90	6.00					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T02-A	1	1.20E+01		1.20E+01	3.56	1.90	6.00					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T03-A	1	3.43E+00	E	3.43E+00	13.99	1.90	6.00	10000	1000	9.08E+02	90%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	30.59	1.90	6.00					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	35.81	1.90	6.00					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	80.70	1.90	6.00					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	28.29	1.90	6.00					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	17.72	1.90	6.00					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	29.37	1.90	6.00					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T01-B	1	7.49E+01		7.49E+01	5.48	1.90	6.00					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T02-B	1	1.34E+01		1.34E+01	4.42	1.90	6.00					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T03-B	1	2.60E+00	E	2.60E+00	29.82	1.90	6.00	10000	1000	8.94E+02	89%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	19.73	1.90	6.00					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	51.40	1.90	6.00					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	28.48	1.90	6.00					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	12.66	1.90	6.00					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	14.10	1.90	6.00					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	10.40	1.90	6.00					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T01-C	1	7.21E+01		7.21E+01	2.62	1.90	6.00					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T02-C	1	1.27E+01		1.27E+01	3.48	1.90	6.00					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T03-C	1	2.65E+00	E	2.65E+00	12.58	1.90	6.00	10000	1000	9.87E+02	98%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	40.58	1.90	6.00					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	7.87	1.90	6.00					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	88.35	1.90	6.00					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	63.54	1.90	6.00					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	49.50	1.90	6.00					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	13.20	1.90	6.00					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Li	JaFS-L07-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	48.86	1.90	6.00					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	JaFS-L07-1314-T01-A	1	2.57E+02		2.57E+02	0.11	2.00	6.40					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T02-A	1	4.73E+01		4.73E+01	1.77	2.00	6.40					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T03-A	1	3.06E+01		3.06E+01	1.26	2.00	6.40	10000	1000	1.04E+03	101%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T04-A	1	1.99E+01		1.99E+01	1.28	2.00	6.40					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T05-A	1	1.84E+01		1.84E+01	0.86	2.00	6.40					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T06-A	1	1.10E+01		1.10E+01	0.82	2.00	6.40					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T07-A	1	1.00E+01		1.00E+01	1.25	2.00	6.40					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T08-A	1	6.42E+00		6.42E+00	0.21	2.00	6.40					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T09-A	1	6.13E+00	E	6.13E+00	1.78	2.00	6.40					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T01-B	1	2.30E+02		2.30E+02	0.43	2.00	6.40					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T02-B	1	5.31E+01		5.31E+01	1.46	2.00	6.40					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T03-B	1	2.23E+01		2.23E+01	2.05	2.00	6.40	10000	1000	9.82E+02	96%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T04-B	1	1.64E+01		1.64E+01	2.60	2.00	6.40					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T05-B	1	1.70E+01		1.70E+01	2.25	2.00	6.40					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T06-B	1	1.40E+01		1.40E+01	1.71	2.00	6.40					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T07-B	1	1.28E+01		1.28E+01	0.56	2.00	6.40					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T08-B	1	8.47E+00		8.47E+00	3.62	2.00	6.40					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T09-B	1	7.47E+00		7.47E+00	0.92	2.00	6.40					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T01-C	1	2.52E+02		2.52E+02	1.47	2.00	6.40					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T02-C	1	4.42E+01		4.42E+01	1.78	2.00	6.40					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T03-C	1	2.47E+01		2.47E+01	1.30	2.00	6.40	10000	1000	1.05E+03	102%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T04-C	1	1.97E+01		1.97E+01	0.30	2.00	6.40					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T05-C	1	1.86E+01		1.86E+01	0.28	2.00	6.40					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T06-C	1	1.48E+01		1.48E+01	1.18	2.00	6.40					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T07-C	1	1.27E+01		1.27E+01	0.82	2.00	6.40					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T08-C	1	8.09E+00		8.09E+00	0.76	2.00	6.40					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-T09-C	1	6.03E+00	E	6.03E+00	0.27	2.00	6.40					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Mn	JaFS-L07-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	18.21	2.00	6.40					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	JaFS-L07-1314-T01-A	1	4.81E+04		4.81E+04	1.03	1.00	3.18					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T02-A	1	6.78E+03		6.78E+03	1.97	1.00	3.18					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T03-A	1	4.19E+03		4.19E+03	0.72	1.00	3.18	10000	1000	5.14E+03	96%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T04-A	1	2.64E+03		2.64E+03	1.09	1.00	3.18					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T05-A	1	2.36E+03		2.36E+03	0.65	1.00	3.18					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T06-A	1	1.91E+03		1.91E+03	1.80	1.00	3.18					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T07-A	1	1.71E+03		1.71E+03	1.37	1.00	3.18					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T08-A	1	1.41E+03		1.41E+03	1.14	1.00	3.18					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T09-A	1	1.26E+03		1.26E+03	0.86	1.00	3.18					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T01-B	1	4.72E+04		4.72E+04	1.02	1.00	3.18					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T02-B	1	6.92E+03		6.92E+03	0.26	1.00	3.18					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T03-B	1	4.61E+03		4.61E+03	2.09	1.00	3.18	10000	1000	5.51E+03	90%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T04-B	1	2.69E+03		2.69E+03	2.64	1.00	3.18					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T05-B	1	2.59E+03		2.59E+03	1.66	1.00	3.18					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T06-B	1	1.91E+03		1.91E+03	0.28	1.00	3.18					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T07-B	1	1.63E+03		1.63E+03	0.34	1.00	3.18					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T08-B	1	1.38E+03		1.38E+03	5.02	1.00	3.18					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T09-B	1	1.32E+03		1.32E+03	1.19	1.00	3.18					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T01-C	1	4.87E+04		4.87E+04	1.67	1.00	3.18					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T02-C	1	6.87E+03		6.87E+03	1.58	1.00	3.18					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T03-C	1	4.40E+03		4.40E+03	0.61	1.00	3.18	10000	1000	5.34E+03	95%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T04-C	1	2.47E+03		2.47E+03	0.24	1.00	3.18					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T05-C	1	2.40E+03		2.40E+03	0.56	1.00	3.18					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T06-C	1	1.92E+03		1.92E+03	1.74	1.00	3.18					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T07-C	1	1.67E+03		1.67E+03	0.71	1.00	3.18					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T08-C	1	1.38E+03		1.38E+03	0.22	1.00	3.18					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-T09-C	1	1.28E+03		1.28E+03	1.19	1.00	3.18					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Mg	JaFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	14.83	1.00	3.18					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	JaFS-L07-1314-T01-A	1	6.10E+01		6.10E+01	5.58	1.20	3.82					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T02-A	1	5.38E+01		5.38E+01	4.19	1.20	3.82					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T03-A	1	2.90E+01		2.90E+01	3.50	1.20	3.82	10000	1000	9.37E+02	91%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T04-A	1	1.40E+01		1.40E+01	3.22	1.20	3.82					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T05-A	1	1.20E+01		1.20E+01	8.91	1.20	3.82					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T06-A	1	5.12E+00		5.12E+00	8.53	1.20	3.82					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T07-A	1	5.04E+00		5.04E+00	3.66	1.20	3.82					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T08-A	1	2.99E+00	E	2.99E+00	5.94	1.20	3.82					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T09-A	1	1.48E+00	E	1.48E+00	14.77	1.20	3.82					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T01-B	1	7.45E+01		7.45E+01	0.93	1.20	3.82					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T02-B	1	5.37E+01		5.37E+01	2.79	1.20	3.82					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T03-B	1	2.32E+01		2.32E+01	4.08	1.20	3.82	10000	1000	9.13E+02	89%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T04-B	1	1.42E+01		1.42E+01	5.92	1.20	3.82					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T05-B	1	1.13E+01		1.13E+01	6.86	1.20	3.82					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T06-B	1	6.65E+00		6.65E+00	1.92	1.20	3.82					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T07-B	1	4.59E+00		4.59E+00	1.21	1.20	3.82					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T08-B	1	3.03E+00	E	3.03E+00	12.80	1.20	3.82					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T09-B	1	2.89E+00	E	2.89E+00	18.56	1.20	3.82					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T01-C	1	6.98E+01		6.98E+01	4.23	1.20	3.82					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T02-C	1	5.73E+01		5.73E+01	0.48	1.20	3.82					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T03-C	1	2.43E+01		2.43E+01	2.44	1.20	3.82	10000	1000	9.65E+02	94%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T04-C	1	1.30E+01		1.30E+01	7.20	1.20	3.82					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T05-C	1	9.53E+00		9.53E+00	12.74	1.20	3.82					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T06-C	1	5.61E+00		5.61E+00	6.61	1.20	3.82					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T07-C	1	5.91E+00		5.91E+00	8.43	1.20	3.82					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T08-C	1	3.23E+00	E	3.23E+00	13.51	1.20	3.82					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-T09-C	1	1.29E+00	E	1.29E+00	23.99	1.20	3.82					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Mo	JaFS-L07-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	23.95	1.20	3.82					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	JaFS-L07-1314-T01-A	1	1.30E+01		1.30E+01	1.44	1.80	5.70					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T02-A	1	7.05E+00		7.05E+00	2.16	1.80	5.70					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T03-A	1	9.00E-01	U1/2	9.00E-01	18.19	1.80	5.70	10000	1000	1.01E+03	100%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	31.00	1.80	5.70					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	31.80	1.80	5.70					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	40.62	1.80	5.70					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	57.95	1.80	5.70					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	49.35	1.80	5.70					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	31.61	1.80	5.70					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T01-B	1	9.68E+00		9.68E+00	17.87	1.80	5.70					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T02-B	1	6.77E+00		6.77E+00	2.89	1.80	5.70					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T03-B	1	9.00E-01	U1/2	9.00E-01	17.06	1.80	5.70	10000	1000	9.79E+02	98%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	31.21	1.80	5.70					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	28.98	1.80	5.70					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	51.70	1.80	5.70					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	27.75	1.80	5.70					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	13.01	1.80	5.70					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	39.30	1.80	5.70					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T01-C	1	9.84E+00		9.84E+00	2.79	1.80	5.70					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T02-C	1	6.20E+00		6.20E+00	2.75	1.80	5.70					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T03-C	1	9.00E-01	U1/2	9.00E-01	44.80	1.80	5.70	10000	1000	1.03E+03	103%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	20.73	1.80	5.70					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	12.82	1.80	5.70					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	26.61	1.80	5.70					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	24.42	1.80	5.70					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	14.57	1.80	5.70					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	47.77	1.80	5.70					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Ni	JaFS-L07-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	42.51	1.80	5.70					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	JaFS-L07-1314-T01-A	1	6.87E+01		6.87E+01	5.41	3.70	11.80					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T02-A	1	4.10E+01		4.10E+01	1.63	3.70	11.80					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T03-A	1	3.54E+01		3.54E+01	1.96	3.70	11.80	10000	1000	1.13E+03	110%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T04-A	1	2.96E+01		2.96E+01	3.07	3.70	11.80					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T05-A	1	1.85E+01		1.85E+01	1.56	3.70	11.80					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T06-A	1	1.98E+01		1.98E+01	2.49	3.70	11.80					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T07-A	1	3.29E+01		3.29E+01	11.17	3.70	11.80					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T08-A	1	3.89E+01		3.89E+01	9.05	3.70	11.80					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T09-A	1	3.26E+01		3.26E+01	1.17	3.70	11.80					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T01-B	1	7.68E+01		7.68E+01	2.10	3.70	11.80					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T02-B	1	4.58E+01		4.58E+01	2.37	3.70	11.80					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T03-B	1	3.47E+01		3.47E+01	2.28	3.70	11.80	10000	1000	1.13E+03	109%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T04-B	1	2.28E+01		2.28E+01	2.34	3.70	11.80					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T05-B	1	1.19E+01		1.19E+01	1.17	3.70	11.80					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T06-B	1	1.22E+01		1.22E+01	4.32	3.70	11.80					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T07-B	1	2.90E+01		2.90E+01	6.11	3.70	11.80					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T08-B	1	3.76E+01		3.76E+01	11.32	3.70	11.80					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T09-B	1	5.26E+01		5.26E+01	10.49	3.70	11.80					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T01-C	1	7.84E+01		7.84E+01	6.32	3.70	11.80					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T02-C	1	3.57E+01		3.57E+01	2.11	3.70	11.80					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T03-C	1	3.15E+01		3.15E+01	1.15	3.70	11.80	10000	1000	1.18E+03	115%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T04-C	1	2.57E+01		2.57E+01	1.36	3.70	11.80					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T05-C	1	2.02E+01		2.02E+01	2.39	3.70	11.80					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T06-C	1	1.65E+01		1.65E+01	1.62	3.70	11.80					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T07-C	1	2.31E+01		2.31E+01	7.60	3.70	11.80					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T08-C	1	2.73E+01		2.73E+01	3.35	3.70	11.80					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-T09-C	1	4.03E+01		4.03E+01	1.10	3.70	11.80					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
P	JaFS-L07-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	12.96	3.70	11.80					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	JaFS-L07-1314-T01-A	1	5.14E+04		5.14E+04	0.13	1.60	5.09					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T02-A	1	3.28E+04		3.28E+04	1.65	1.60	5.09					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T03-A	1	1.46E+04		1.46E+04	0.79	1.60	5.09	10000	1000	1.54E+04	85%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T04-A	1	9.01E+03		9.01E+03	0.92	1.60	5.09					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T05-A	1	7.85E+03		7.85E+03	0.83	1.60	5.09					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T06-A	1	5.49E+03		5.49E+03	1.02	1.60	5.09					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T07-A	1	4.40E+03		4.40E+03	1.67	1.60	5.09					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T08-A	1	3.13E+03		3.13E+03	0.62	1.60	5.09					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T09-A	1	2.33E+03		2.33E+03	0.94	1.60	5.09					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T01-B	1	5.05E+04		5.05E+04	1.38	1.60	5.09					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T02-B	1	2.82E+04		2.82E+04	0.75	1.60	5.09					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T03-B	1	1.17E+04		1.17E+04	2.31	1.60	5.09	10000	1000	1.26E+04	89%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T04-B	1	8.76E+03		8.76E+03	2.70	1.60	5.09					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T05-B	1	7.98E+03		7.98E+03	2.04	1.60	5.09					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T06-B	1	5.38E+03		5.38E+03	0.60	1.60	5.09					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T07-B	1	4.18E+03		4.18E+03	0.97	1.60	5.09					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T08-B	1	3.02E+03		3.02E+03	4.31	1.60	5.09					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T09-B	1	2.42E+03		2.42E+03	1.72	1.60	5.09					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T01-C	1	5.19E+04		5.19E+04	1.14	1.60	5.09					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T02-C	1	2.95E+04		2.95E+04	1.63	1.60	5.09					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T03-C	1	1.15E+04		1.15E+04	1.19	1.60	5.09	10000	1000	1.24E+04	91%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T04-C	1	8.39E+03		8.39E+03	0.89	1.60	5.09					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T05-C	1	7.51E+03		7.51E+03	0.34	1.60	5.09					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T06-C	1	5.38E+03		5.38E+03	0.87	1.60	5.09					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T07-C	1	4.23E+03		4.23E+03	0.47	1.60	5.09					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T08-C	1	3.08E+03		3.08E+03	0.46	1.60	5.09					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-T09-C	1	2.33E+03		2.33E+03	0.45	1.60	5.09					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
K	JaFS-L07-1314-B01-A	1	4.68E+01		4.68E+01	4.28	1.60	5.09					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	JaFS-L07-1314-T01-A	1	6.26E+01		6.26E+01	3.25	15.00	47.70					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T02-A	1	2.57E+01	E	2.57E+01	6.53	15.00	47.70					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T03-A	1	1.71E+01	E	1.71E+01	30.80	15.00	47.70	10000	1000	1.02E+03	100%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T04-A	1	7.50E+00	U1/2	7.50E+00	24.62	15.00	47.70					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T05-A	1	7.50E+00	U1/2	7.50E+00	23.47	15.00	47.70					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T06-A	1	7.50E+00	U1/2	7.50E+00	20.03	15.00	47.70					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T07-A	1	7.50E+00	U1/2	7.50E+00	21.93	15.00	47.70					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	7.90	15.00	47.70					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	15.88	15.00	47.70					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T01-B	1	5.92E+01		5.92E+01	1.75	15.00	47.70					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T02-B	1	2.21E+01	E	2.21E+01	18.41	15.00	47.70					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T03-B	1	1.53E+01	E	1.53E+01	34.28	15.00	47.70	10000	1000	9.89E+02	97%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T04-B	1	7.50E+00	U1/2	7.50E+00	11.70	15.00	47.70					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T05-B	1	7.50E+00	U1/2	7.50E+00	12.92	15.00	47.70					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T06-B	1	7.50E+00	U1/2	7.50E+00	28.32	15.00	47.70					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T07-B	1	7.50E+00	U1/2	7.50E+00	18.00	15.00	47.70					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	9.34	15.00	47.70					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	33.27	15.00	47.70					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T01-C	1	5.53E+01		5.53E+01	5.59	15.00	47.70					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T02-C	1	2.17E+01	E	2.17E+01	18.15	15.00	47.70					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T03-C	1	1.59E+01	E	1.59E+01	21.93	15.00	47.70	10000	1000	1.05E+03	104%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T04-C	1	7.50E+00	U1/2	7.50E+00	18.31	15.00	47.70					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T05-C	1	7.50E+00	U1/2	7.50E+00	12.64	15.00	47.70					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T06-C	1	7.50E+00	U1/2	7.50E+00	15.25	15.00	47.70					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T07-C	1	7.50E+00	U1/2	7.50E+00	28.32	15.00	47.70					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	8.64	15.00	47.70					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	12.44	15.00	47.70					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Se	JaFS-L07-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	41.17	15.00	47.70					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	JaFS-L07-1314-T01-A	1	5.03E+03		5.03E+03	0.45	1.10	3.50					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T02-A	1	3.54E+03		3.54E+03	2.31	1.10	3.50					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T03-A	1	2.32E+03		2.32E+03	1.11	1.10	3.50	10000	1000	3.22E+03	90%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T04-A	1	2.03E+03		2.03E+03	1.98	1.10	3.50					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T05-A	1	1.80E+03		1.80E+03	0.68	1.10	3.50					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T06-A	1	1.83E+03		1.83E+03	1.01	1.10	3.50					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T07-A	1	1.75E+03		1.75E+03	1.90	1.10	3.50					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T08-A	1	1.64E+03		1.64E+03	0.68	1.10	3.50					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T09-A	1	1.66E+03		1.66E+03	0.90	1.10	3.50					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T01-B	1	5.21E+03		5.21E+03	1.32	1.10	3.50					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T02-B	1	3.33E+03		3.33E+03	0.87	1.10	3.50					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T03-B	1	2.47E+03		2.47E+03	2.13	1.10	3.50	10000	1000	3.40E+03	93%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T04-B	1	2.14E+03		2.14E+03	2.38	1.10	3.50					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T05-B	1	1.77E+03		1.77E+03	2.30	1.10	3.50					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T06-B	1	1.80E+03		1.80E+03	0.71	1.10	3.50					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T07-B	1	1.88E+03		1.88E+03	0.72	1.10	3.50					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T08-B	1	1.69E+03		1.69E+03	5.00	1.10	3.50					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T09-B	1	1.77E+03		1.77E+03	1.46	1.10	3.50					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T01-C	1	5.03E+03		5.03E+03	1.12	1.10	3.50					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T02-C	1	3.57E+03		3.57E+03	1.53	1.10	3.50					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T03-C	1	2.24E+03		2.24E+03	1.71	1.10	3.50	10000	1000	3.21E+03	97%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T04-C	1	1.93E+03		1.93E+03	0.80	1.10	3.50					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T05-C	1	1.85E+03		1.85E+03	0.64	1.10	3.50					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T06-C	1	1.81E+03		1.81E+03	1.12	1.10	3.50					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T07-C	1	1.70E+03		1.70E+03	0.17	1.10	3.50					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T08-C	1	1.62E+03		1.62E+03	0.60	1.10	3.50					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-T09-C	1	1.73E+03		1.73E+03	0.11	1.10	3.50					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Si	JaFS-L07-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	17.78	1.10	3.50					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	JaFS-L07-1314-T01-A	1	2.15E+05		2.15E+05	1.01	2.50	8.00					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T02-A	1	1.11E+05		1.11E+05	0.47	2.50	8.00					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T03-A	1	4.00E+04		4.00E+04	1.05	2.50	8.00	10000	1000	4.09E+04	88%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T04-A	1	1.94E+04		1.94E+04	0.66	2.50	8.00					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T05-A	1	8.24E+03		8.24E+03	0.73	2.50	8.00					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T06-A	1	1.22E+03		1.22E+03	0.73	2.50	8.00					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T07-A	1	5.22E+02		5.22E+02	0.85	2.50	8.00					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T08-A	1	3.74E+02		3.74E+02	0.78	2.50	8.00					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T09-A	1	2.68E+02		2.68E+02	0.66	2.50	8.00					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T01-B	1	2.04E+05		2.04E+05	0.16	2.50	8.00					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T02-B	1	1.02E+05		1.02E+05	0.40	2.50	8.00					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T03-B	1	3.95E+04		3.95E+04	1.01	2.50	8.00	10000	1000	4.04E+04	90%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T04-B	1	1.62E+04		1.62E+04	0.57	2.50	8.00					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T05-B	1	5.32E+03		5.32E+03	0.29	2.50	8.00					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T06-B	1	9.54E+02		9.54E+02	1.11	2.50	8.00					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T07-B	1	5.07E+02		5.07E+02	0.30	2.50	8.00					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T08-B	1	3.69E+02		3.69E+02	3.07	2.50	8.00					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T09-B	1	2.83E+02		2.83E+02	0.93	2.50	8.00					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T01-C	1	2.04E+05		2.04E+05	0.35	2.50	8.00					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T02-C	1	1.07E+05		1.07E+05	0.42	2.50	8.00					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T03-C	1	3.84E+04		3.84E+04	0.63	2.50	8.00	10000	1000	3.93E+04	93%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T04-C	1	1.67E+04		1.67E+04	0.84	2.50	8.00					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T05-C	1	5.89E+03		5.89E+03	0.50	2.50	8.00					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T06-C	1	1.01E+03		1.01E+03	0.42	2.50	8.00					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T07-C	1	5.11E+02		5.11E+02	0.12	2.50	8.00					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T08-C	1	3.67E+02		3.67E+02	0.37	2.50	8.00					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-T09-C	1	2.64E+02		2.64E+02	0.91	2.50	8.00					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Na	JaFS-L07-1314-B01-A	1	1.25E+00	U1/2	1.25E+00	0.06	2.50	8.00					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	JaFS-L07-1314-T01-A	1	8.54E+03		8.54E+03	0.75	1.00	3.18					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T02-A	1	1.35E+03		1.35E+03	1.97	1.00	3.18					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T03-A	1	6.80E+02		6.80E+02	1.30	1.00	3.18	10000	1000	1.65E+03	97%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T04-A	1	4.33E+02		4.33E+02	1.67	1.00	3.18					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T05-A	1	3.98E+02		3.98E+02	1.18	1.00	3.18					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T06-A	1	3.35E+02		3.35E+02	1.23	1.00	3.18					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T07-A	1	3.09E+02		3.09E+02	1.62	1.00	3.18					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T08-A	1	2.63E+02		2.63E+02	0.61	1.00	3.18					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T09-A	1	2.41E+02		2.41E+02	1.02	1.00	3.18					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T01-B	1	9.15E+03		9.15E+03	2.27	1.00	3.18					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T02-B	1	1.39E+03		1.39E+03	0.65	1.00	3.18					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T03-B	1	7.12E+02		7.12E+02	2.23	1.00	3.18	10000	1000	1.72E+03	101%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T04-B	1	4.39E+02		4.39E+02	2.65	1.00	3.18					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T05-B	1	4.34E+02		4.34E+02	1.78	1.00	3.18					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T06-B	1	3.31E+02		3.31E+02	0.26	1.00	3.18					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T07-B	1	2.97E+02		2.97E+02	0.84	1.00	3.18					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T08-B	1	2.54E+02		2.54E+02	4.55	1.00	3.18					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T09-B	1	2.54E+02		2.54E+02	1.37	1.00	3.18					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T01-C	1	8.40E+03		8.40E+03	2.14	1.00	3.18					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T02-C	1	1.33E+03		1.33E+03	1.72	1.00	3.18					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T03-C	1	6.90E+02		6.90E+02	1.87	1.00	3.18	10000	1000	1.68E+03	99%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T04-C	1	4.05E+02		4.05E+02	0.66	1.00	3.18					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T05-C	1	4.07E+02		4.07E+02	0.77	1.00	3.18					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T06-C	1	3.34E+02		3.34E+02	0.88	1.00	3.18					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T07-C	1	2.98E+02		2.98E+02	0.64	1.00	3.18					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T08-C	1	2.57E+02		2.57E+02	0.67	1.00	3.18					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-T09-C	1	2.42E+02		2.42E+02	0.22	1.00	3.18					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Sr	JaFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	16.70	1.00	3.18					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	JaFS-L07-1314-T01-A	1	5.44E+05		5.44E+05	0.11	6.80	21.60					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T02-A	1	4.68E+04		4.68E+04	1.95	6.80	21.60					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T03-A	1	1.31E+04		1.31E+04	0.75	6.80	21.60	10000	1000	1.40E+04	91%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T04-A	1	7.34E+03		7.34E+03	0.39	6.80	21.60					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T05-A	1	4.06E+03		4.06E+03	1.46	6.80	21.60					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T06-A	1	2.38E+03		2.38E+03	0.64	6.80	21.60					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T07-A	1	2.03E+03		2.03E+03	4.03	6.80	21.60					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T08-A	1	1.45E+03		1.45E+03	1.12	6.80	21.60					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T09-A	1	1.09E+03		1.09E+03	1.84	6.80	21.60					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T01-B	1	5.56E+05		5.56E+05	1.56	6.80	21.60					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T02-B	1	5.07E+04		5.07E+04	0.89	6.80	21.60					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T03-B	1	1.22E+04		1.22E+04	2.23	6.80	21.60	10000	1000	1.31E+04	93%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T04-B	1	8.09E+03		8.09E+03	2.72	6.80	21.60					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T05-B	1	4.71E+03		4.71E+03	1.88	6.80	21.60					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T06-B	1	2.39E+03		2.39E+03	0.74	6.80	21.60					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T07-B	1	2.08E+03		2.08E+03	0.85	6.80	21.60					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T08-B	1	1.37E+03		1.37E+03	3.67	6.80	21.60					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T09-B	1	1.32E+03		1.32E+03	0.87	6.80	21.60					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T01-C	1	5.24E+05		5.24E+05	1.19	6.80	21.60					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T02-C	1	4.82E+04		4.82E+04	1.50	6.80	21.60					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T03-C	1	1.25E+04		1.25E+04	1.14	6.80	21.60	10000	1000	1.34E+04	91%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T04-C	1	6.00E+03		6.00E+03	0.68	6.80	21.60					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T05-C	1	3.80E+03		3.80E+03	0.61	6.80	21.60					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T06-C	1	2.38E+03		2.38E+03	1.72	6.80	21.60					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T07-C	1	2.16E+03		2.16E+03	1.86	6.80	21.60					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T08-C	1	1.41E+03		1.41E+03	0.63	6.80	21.60					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-T09-C	1	1.04E+03		1.04E+03	2.43	6.80	21.60					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
S	JaFS-L07-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	22.03	6.80	21.60					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	JaFS-L07-1314-T01-A	1	2.30E+00	U1/2	2.30E+00	6.73	4.60	14.60					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T02-A	1	2.30E+00	U1/2	2.30E+00	6.66	4.60	14.60					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T03-A	1	2.30E+00	U1/2	2.30E+00	12.17	4.60	14.60	10000	1000	9.49E+02	95%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T04-A	1	2.30E+00	U1/2	2.30E+00	28.57	4.60	14.60					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T05-A	1	2.30E+00	U1/2	2.30E+00	39.91	4.60	14.60					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T06-A	1	2.30E+00	U1/2	2.30E+00	71.24	4.60	14.60					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T07-A	1	2.30E+00	U1/2	2.30E+00	28.09	4.60	14.60					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T08-A	1	2.30E+00	U1/2	2.30E+00	27.43	4.60	14.60					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T09-A	1	2.30E+00	U1/2	2.30E+00	67.91	4.60	14.60					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T01-B	1	2.30E+00	U1/2	2.30E+00	40.59	4.60	14.60					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T02-B	1	2.30E+00	U1/2	2.30E+00	75.17	4.60	14.60					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T03-B	1	2.30E+00	U1/2	2.30E+00	76.82	4.60	14.60	10000	1000	9.26E+02	92%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T04-B	1	2.30E+00	U1/2	2.30E+00	29.53	4.60	14.60					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T05-B	1	2.30E+00	U1/2	2.30E+00	63.94	4.60	14.60					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T06-B	1	2.30E+00	U1/2	2.30E+00	19.47	4.60	14.60					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T07-B	1	2.30E+00	U1/2	2.30E+00	9.20	4.60	14.60					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T08-B	1	2.30E+00	U1/2	2.30E+00	21.45	4.60	14.60					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T09-B	1	2.30E+00	U1/2	2.30E+00	16.18	4.60	14.60					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T01-C	1	2.30E+00	U1/2	2.30E+00	56.84	4.60	14.60					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T02-C	1	2.30E+00	U1/2	2.30E+00	22.70	4.60	14.60					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T03-C	1	2.30E+00	U1/2	2.30E+00	23.25	4.60	14.60	10000	1000	9.68E+02	97%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T04-C	1	2.30E+00	U1/2	2.30E+00	20.79	4.60	14.60					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T05-C	1	2.30E+00	U1/2	2.30E+00	18.18	4.60	14.60					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T06-C	1	2.30E+00	U1/2	2.30E+00	42.05	4.60	14.60					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T07-C	1	2.30E+00	U1/2	2.30E+00	37.63	4.60	14.60					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T08-C	1	2.30E+00	U1/2	2.30E+00	16.52	4.60	14.60					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-T09-C	1	2.30E+00	U1/2	2.30E+00	26.25	4.60	14.60					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Tl	JaFS-L07-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	33.25	4.60	14.60					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	JaFS-L07-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	39.67	2.00	6.40					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	41.25	2.00	6.40					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	16.82	2.00	6.40	10000	1000	8.95E+02	89%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	45.15	2.00	6.40					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	39.41	2.00	6.40					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	14.30	2.00	6.40					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	19.66	2.00	6.40					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	8.70	2.00	6.40					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	53.13	2.00	6.40					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	36.77	2.00	6.40					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	34.83	2.00	6.40					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	15.59	2.00	6.40	10000	1000	8.76E+02	87%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	12.82	2.00	6.40					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	5.73	2.00	6.40					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	9.31	2.00	6.40					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	30.20	2.00	6.40					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	25.06	2.00	6.40					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	51.56	2.00	6.40					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	42.51	2.00	6.40					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	12.77	2.00	6.40					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	62.37	2.00	6.40	10000	1000	8.72E+02	87%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	19.21	2.00	6.40					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	34.00	2.00	6.40					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	16.10	2.00	6.40					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	29.16	2.00	6.40					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	29.58	2.00	6.40					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	23.76	2.00	6.40					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Ti	JaFS-L07-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	23.64	2.00	6.40					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	JaFS-L07-1314-T01-A	1	1.55E+01		1.55E+01	1.04	1.50	4.77					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T02-A	1	5.19E+00		5.19E+00	1.82	1.50	4.77					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T03-A	1	1.68E+00	E	1.68E+00	32.93	1.50	4.77	10000	1000	9.47E+02	95%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T04-A	1	7.50E-01	U1/2	7.50E-01	43.57	1.50	4.77					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T05-A	1	7.50E-01	U1/2	7.50E-01	59.54	1.50	4.77					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T06-A	1	7.50E-01	U1/2	7.50E-01	4.37	1.50	4.77					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T07-A	1	7.50E-01	U1/2	7.50E-01	39.86	1.50	4.77					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T08-A	1	7.50E-01	U1/2	7.50E-01	69.74	1.50	4.77					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T09-A	1	7.50E-01	U1/2	7.50E-01	33.25	1.50	4.77					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T01-B	1	1.45E+01		1.45E+01	1.19	1.50	4.77					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T02-B	1	5.90E+00		5.90E+00	1.65	1.50	4.77					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T03-B	1	2.34E+00	E	2.34E+00	3.82	1.50	4.77	10000	1000	9.15E+02	91%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T04-B	1	7.50E-01	U1/2	7.50E-01	30.13	1.50	4.77					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T05-B	1	7.50E-01	U1/2	7.50E-01	36.49	1.50	4.77					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T06-B	1	7.50E-01	U1/2	7.50E-01	24.91	1.50	4.77					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T07-B	1	7.50E-01	U1/2	7.50E-01	52.51	1.50	4.77					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T08-B	1	7.50E-01	U1/2	7.50E-01	14.92	1.50	4.77					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T09-B	1	7.50E-01	U1/2	7.50E-01	19.82	1.50	4.77					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T01-C	1	1.63E+01		1.63E+01	7.50	1.50	4.77					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T02-C	1	6.27E+00		6.27E+00	2.35	1.50	4.77					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T03-C	1	2.03E+00	E	2.03E+00	3.41	1.50	4.77	10000	1000	9.67E+02	97%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T04-C	1	7.50E-01	U1/2	7.50E-01	29.70	1.50	4.77					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T05-C	1	7.50E-01	U1/2	7.50E-01	44.63	1.50	4.77					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T06-C	1	7.50E-01	U1/2	7.50E-01	53.19	1.50	4.77					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T07-C	1	7.50E-01	U1/2	7.50E-01	61.39	1.50	4.77					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T08-C	1	7.50E-01	U1/2	7.50E-01	42.69	1.50	4.77					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-T09-C	1	7.50E-01	U1/2	7.50E-01	23.59	1.50	4.77					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
V	JaFS-L07-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	54.70	1.50	4.77					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	JaFS-L07-1314-T01-A	1	1.25E+03		1.25E+03	0.77	1.00	3.18					VU ICP-OES	1/12/12 12:31 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T02-A	1	5.39E+02		5.39E+02	2.35	1.00	3.18					VU ICP-OES	1/12/12 12:33 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T03-A	1	2.16E+02		2.16E+02	0.75	1.00	3.18	10000	1000	1.25E+03	103%	VU ICP-OES	1/12/12 12:34 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T04-A	1	9.80E+01		9.80E+01	1.31	1.00	3.18					VU ICP-OES	1/12/12 12:36 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T05-A	1	6.79E+01		6.79E+01	1.42	1.00	3.18					VU ICP-OES	1/12/12 12:38 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T06-A	1	4.71E+01		4.71E+01	1.31	1.00	3.18					VU ICP-OES	1/12/12 12:39 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T07-A	1	3.44E+01		3.44E+01	1.11	1.00	3.18					VU ICP-OES	1/12/12 12:41 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T08-A	1	2.17E+01		2.17E+01	1.82	1.00	3.18					VU ICP-OES	1/12/12 12:43 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T09-A	1	1.79E+01		1.79E+01	0.89	1.00	3.18					VU ICP-OES	1/12/12 12:44 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T01-B	1	1.29E+03		1.29E+03	1.43	1.00	3.18					VU ICP-OES	1/12/12 12:52 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T02-B	1	5.18E+02		5.18E+02	1.61	1.00	3.18					VU ICP-OES	1/12/12 12:54 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T03-B	1	1.73E+02		1.73E+02	1.96	1.00	3.18	10000	1000	1.12E+03	95%	VU ICP-OES	1/12/12 12:56 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T04-B	1	8.45E+01		8.45E+01	2.14	1.00	3.18					VU ICP-OES	1/12/12 12:57 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T05-B	1	6.01E+01		6.01E+01	2.10	1.00	3.18					VU ICP-OES	1/12/12 12:59 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T06-B	1	5.10E+01		5.10E+01	1.57	1.00	3.18					VU ICP-OES	1/12/12 1:01 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T07-B	1	3.98E+01		3.98E+01	1.02	1.00	3.18					VU ICP-OES	1/12/12 1:02 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T08-B	1	2.82E+01		2.82E+01	2.78	1.00	3.18					VU ICP-OES	1/12/12 1:04 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T09-B	1	1.64E+01		1.64E+01	0.21	1.00	3.18					VU ICP-OES	1/12/12 1:06 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T01-C	1	1.23E+03		1.23E+03	0.91	1.00	3.18					VU ICP-OES	1/12/12 1:07 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T02-C	1	5.16E+02		5.16E+02	1.69	1.00	3.18					VU ICP-OES	1/12/12 1:09 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T03-C	1	1.51E+02		1.51E+02	0.78	1.00	3.18	10000	1000	1.17E+03	102%	VU ICP-OES	1/12/12 1:11 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T04-C	1	7.46E+01		7.46E+01	0.42	1.00	3.18					VU ICP-OES	1/12/12 1:12 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T05-C	1	4.94E+01		4.94E+01	0.48	1.00	3.18					VU ICP-OES	1/12/12 1:14 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T06-C	1	3.63E+01		3.63E+01	2.46	1.00	3.18					VU ICP-OES	1/12/12 1:16 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T07-C	1	2.86E+01		2.86E+01	1.59	1.00	3.18					VU ICP-OES	1/12/12 1:17 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T08-C	1	2.18E+01		2.18E+01	1.31	1.00	3.18					VU ICP-OES	1/12/12 1:19 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-T09-C	1	1.71E+01		1.71E+01	1.25	1.00	3.18					VU ICP-OES	1/12/12 1:21 PM	EPA Interlab L07 1314 JaFS
Zn	JaFS-L07-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	3.63	1.00	3.18					VU ICP-OES	1/12/12 12:16 PM	EPA Interlab L07 1314 JaFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	JaFS-L10-1314-T01-A	1	6.75E+01		6.75E+01	2.05	1.00	3.18					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T02-A	1	5.74E+01		5.74E+01	4.47	1.00	3.18					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T03-A	1	2.86E+01		2.86E+01	1.94	1.00	3.18	10000	1000	1.10E+03	108%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T04-A	1	1.66E+01		1.66E+01	4.01	1.00	3.18					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T05-A	1	1.40E+01		1.40E+01	4.77	1.00	3.18					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T06-A	1	1.30E+01		1.30E+01	3.09	1.00	3.18					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T07-A	1	1.29E+01		1.29E+01	2.43	1.00	3.18					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T08-A	1	8.89E+00		8.89E+00	7.95	1.00	3.18					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T09-A	1	9.80E+00		9.80E+00	5.44	1.00	3.18					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T01-B	1	7.04E+01		7.04E+01	2.48	1.00	3.18					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T02-B	1	6.61E+01		6.61E+01	1.74	1.00	3.18					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T03-B	1	3.16E+01		3.16E+01	3.82	1.00	3.18	10000	1000	1.05E+03	102%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T04-B	1	2.37E+01		2.37E+01	0.92	1.00	3.18					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T05-B	1	2.20E+01		2.20E+01	2.02	1.00	3.18					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T06-B	1	1.43E+01		1.43E+01	2.41	1.00	3.18					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T07-B	1	1.25E+01		1.25E+01	5.14	1.00	3.18					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T08-B	1	1.02E+01		1.02E+01	2.90	1.00	3.18					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T09-B	1	1.04E+01		1.04E+01	5.64	1.00	3.18					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T01-C	1	6.69E+01		6.69E+01	2.99	1.00	3.18					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T02-C	1	6.30E+01		6.30E+01	2.41	1.00	3.18					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T03-C	1	2.80E+01		2.80E+01	1.58	1.00	3.18	10000	1000	1.04E+03	101%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T04-C	1	1.47E+01		1.47E+01	2.43	1.00	3.18					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T05-C	1	1.27E+01		1.27E+01	2.87	1.00	3.18					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T06-C	1	1.07E+01		1.07E+01	8.61	1.00	3.18					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T07-C	1	1.11E+01		1.11E+01	6.25	1.00	3.18					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T08-C	1	6.11E+00		6.11E+00	2.88	1.00	3.18					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-T09-C	1	6.46E+00		6.46E+00	4.39	1.00	3.18					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Al	JaFS-L10-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	6.41	1.00	3.18					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	JaFS-L10-1314-T01-A	1	3.75E+00	U1/2	3.75E+00	17.81	7.50	23.90					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T02-A	1	3.75E+00	U1/2	3.75E+00	65.11	7.50	23.90					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T03-A	1	3.75E+00	U1/2	3.75E+00	29.12	7.50	23.90	10000	1000	1.00E+03	100%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T04-A	1	3.75E+00	U1/2	3.75E+00	61.22	7.50	23.90					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T05-A	1	3.75E+00	U1/2	3.75E+00	58.90	7.50	23.90					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T06-A	1	3.75E+00	U1/2	3.75E+00	32.12	7.50	23.90					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T07-A	1	3.75E+00	U1/2	3.75E+00	14.98	7.50	23.90					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T08-A	1	3.75E+00	U1/2	3.75E+00	50.21	7.50	23.90					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T09-A	1	3.75E+00	U1/2	3.75E+00	19.83	7.50	23.90					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T01-B	1	3.75E+00	U1/2	3.75E+00	37.47	7.50	23.90					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T02-B	1	3.75E+00	U1/2	3.75E+00	29.25	7.50	23.90					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T03-B	1	3.75E+00	U1/2	3.75E+00	8.18	7.50	23.90	10000	1000	9.33E+02	93%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T04-B	1	3.75E+00	U1/2	3.75E+00	15.67	7.50	23.90					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T05-B	1	3.75E+00	U1/2	3.75E+00	11.62	7.50	23.90					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T06-B	1	3.75E+00	U1/2	3.75E+00	33.10	7.50	23.90					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T07-B	1	3.75E+00	U1/2	3.75E+00	9.98	7.50	23.90					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T08-B	1	3.75E+00	U1/2	3.75E+00	49.24	7.50	23.90					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T09-B	1	3.75E+00	U1/2	3.75E+00	73.19	7.50	23.90					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T01-C	1	3.75E+00	U1/2	3.75E+00	55.66	7.50	23.90					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T02-C	1	3.75E+00	U1/2	3.75E+00	11.11	7.50	23.90					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T03-C	1	3.75E+00	U1/2	3.75E+00	33.92	7.50	23.90	10000	1000	9.11E+02	91%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T04-C	1	3.75E+00	U1/2	3.75E+00	31.03	7.50	23.90					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T05-C	1	3.75E+00	U1/2	3.75E+00	16.36	7.50	23.90					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T06-C	1	3.75E+00	U1/2	3.75E+00	30.57	7.50	23.90					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T07-C	1	3.75E+00	U1/2	3.75E+00	65.47	7.50	23.90					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T08-C	1	3.75E+00	U1/2	3.75E+00	6.39	7.50	23.90					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-T09-C	1	3.75E+00	U1/2	3.75E+00	9.25	7.50	23.90					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Sb	JaFS-L10-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	55.52	7.50	23.90					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	JaFS-L10-1314-T01-A	1	5.50E+00	U1/2	5.50E+00	32.79	11.00	35.00					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T02-A	1	5.50E+00	U1/2	5.50E+00	19.47	11.00	35.00					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T03-A	1	5.50E+00	U1/2	5.50E+00	35.42	11.00	35.00	10000	1000	9.95E+02	99%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T04-A	1	5.50E+00	U1/2	5.50E+00	21.60	11.00	35.00					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T05-A	1	5.50E+00	U1/2	5.50E+00	39.39	11.00	35.00					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T06-A	1	5.50E+00	U1/2	5.50E+00	14.13	11.00	35.00					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T07-A	1	5.50E+00	U1/2	5.50E+00	13.62	11.00	35.00					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T08-A	1	5.50E+00	U1/2	5.50E+00	36.96	11.00	35.00					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T09-A	1	5.50E+00	U1/2	5.50E+00	50.62	11.00	35.00					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T01-B	1	5.50E+00	U1/2	5.50E+00	22.38	11.00	35.00					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T02-B	1	5.50E+00	U1/2	5.50E+00	18.23	11.00	35.00					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T03-B	1	5.50E+00	U1/2	5.50E+00	49.45	11.00	35.00	10000	1000	9.36E+02	93%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T04-B	1	5.50E+00	U1/2	5.50E+00	38.04	11.00	35.00					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T05-B	1	5.50E+00	U1/2	5.50E+00	32.65	11.00	35.00					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T06-B	1	5.50E+00	U1/2	5.50E+00	34.43	11.00	35.00					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T07-B	1	5.50E+00	U1/2	5.50E+00	51.44	11.00	35.00					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T08-B	1	5.50E+00	U1/2	5.50E+00	39.36	11.00	35.00					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T09-B	1	5.50E+00	U1/2	5.50E+00	66.72	11.00	35.00					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T01-C	1	5.50E+00	U1/2	5.50E+00	56.51	11.00	35.00					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T02-C	1	5.50E+00	U1/2	5.50E+00	38.73	11.00	35.00					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T03-C	1	5.50E+00	U1/2	5.50E+00	26.83	11.00	35.00	10000	1000	9.28E+02	92%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T04-C	1	5.50E+00	U1/2	5.50E+00	67.27	11.00	35.00					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T05-C	1	5.50E+00	U1/2	5.50E+00	24.78	11.00	35.00					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T06-C	1	5.50E+00	U1/2	5.50E+00	11.89	11.00	35.00					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T07-C	1	5.50E+00	U1/2	5.50E+00	60.08	11.00	35.00					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T08-C	1	5.50E+00	U1/2	5.50E+00	44.46	11.00	35.00					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-T09-C	1	5.50E+00	U1/2	5.50E+00	31.36	11.00	35.00					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
As	JaFS-L10-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	35.59	11.00	35.00					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	JaFS-L10-1314-T01-A	1	1.13E+05		1.13E+05	3.33	1.00	3.18					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T02-A	1	5.62E+04		5.62E+04	5.97	1.00	3.18					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T03-A	1	1.82E+04		1.82E+04	1.09	1.00	3.18	10000	1000	1.91E+04	91%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T04-A	1	8.67E+03		8.67E+03	0.58	1.00	3.18					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T05-A	1	5.58E+03		5.58E+03	1.20	1.00	3.18					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T06-A	1	2.88E+03		2.88E+03	5.03	1.00	3.18					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T07-A	1	1.64E+03		1.64E+03	2.48	1.00	3.18					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T08-A	1	1.07E+03		1.07E+03	1.23	1.00	3.18					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T09-A	1	8.89E+02		8.89E+02	2.20	1.00	3.18					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T01-B	1	1.08E+05		1.08E+05	3.14	1.00	3.18					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T02-B	1	8.49E+04		8.49E+04	1.70	1.00	3.18					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T03-B	1	2.97E+04		2.97E+04	1.34	1.00	3.18	10000	1000	3.06E+04	89%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T04-B	1	1.19E+04		1.19E+04	1.43	1.00	3.18					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T05-B	1	7.23E+03		7.23E+03	1.77	1.00	3.18					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T06-B	1	3.48E+03		3.48E+03	0.68	1.00	3.18					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T07-B	1	2.03E+03		2.03E+03	2.01	1.00	3.18					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T08-B	1	1.26E+03		1.26E+03	1.47	1.00	3.18					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T09-B	1	9.67E+02		9.67E+02	2.22	1.00	3.18					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T01-C	1	9.42E+04		9.42E+04	0.28	1.00	3.18					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T02-C	1	7.09E+04		7.09E+04	0.25	1.00	3.18					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T03-C	1	3.99E+04		3.99E+04	1.08	1.00	3.18	10000	1000	4.08E+04	92%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T04-C	1	1.44E+04		1.44E+04	0.58	1.00	3.18					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T05-C	1	8.35E+03		8.35E+03	2.15	1.00	3.18					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T06-C	1	3.85E+03		3.85E+03	0.72	1.00	3.18					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T07-C	1	2.17E+03		2.17E+03	1.06	1.00	3.18					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T08-C	1	1.33E+03		1.33E+03	0.97	1.00	3.18					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-T09-C	1	8.57E+02		8.57E+02	0.83	1.00	3.18					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
B	JaFS-L10-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	3.69	1.00	3.18					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	JaFS-L10-1314-T01-A	1	1.26E+02		1.26E+02	2.65	1.00	3.18					VU ICP-OES	3/7/12 11:07 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T02-A	1	6.31E+01		6.31E+01	4.74	1.00	3.18					VU ICP-OES	3/7/12 11:09 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T03-A	1	4.80E+01		4.80E+01	1.08	1.00	3.18	10000	1000	1.02E+03	97%	VU ICP-OES	3/7/12 11:10 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T04-A	1	3.67E+01		3.67E+01	1.15	1.00	3.18					VU ICP-OES	3/7/12 11:12 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T05-A	1	3.21E+01		3.21E+01	1.45	1.00	3.18					VU ICP-OES	3/7/12 11:14 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T06-A	1	3.05E+01		3.05E+01	3.43	1.00	3.18					VU ICP-OES	3/7/12 11:15 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T07-A	1	2.68E+01		2.68E+01	1.18	1.00	3.18					VU ICP-OES	3/7/12 11:17 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T08-A	1	2.18E+01		2.18E+01	1.28	1.00	3.18					VU ICP-OES	3/7/12 11:19 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T09-A	1	1.96E+01		1.96E+01	2.74	1.00	3.18					VU ICP-OES	3/7/12 11:20 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T01-B	1	1.29E+02		1.29E+02	2.23	1.00	3.18					VU ICP-OES	3/7/12 11:22 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T02-B	1	6.46E+01		6.46E+01	1.93	1.00	3.18					VU ICP-OES	3/7/12 11:24 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T03-B	1	4.94E+01		4.94E+01	1.96	1.00	3.18	10000	1000	1.04E+03	100%	VU ICP-OES	3/7/12 11:25 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T04-B	1	3.86E+01		3.86E+01	1.85	1.00	3.18					VU ICP-OES	3/7/12 11:27 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T05-B	1	3.08E+01		3.08E+01	1.76	1.00	3.18					VU ICP-OES	3/7/12 11:28 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T06-B	1	2.90E+01		2.90E+01	1.26	1.00	3.18					VU ICP-OES	3/7/12 11:30 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T07-B	1	2.77E+01		2.77E+01	2.63	1.00	3.18					VU ICP-OES	3/7/12 11:32 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T08-B	1	2.36E+01		2.36E+01	1.82	1.00	3.18					VU ICP-OES	3/7/12 11:33 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T09-B	1	2.16E+01		2.16E+01	3.31	1.00	3.18					VU ICP-OES	3/7/12 11:35 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T01-C	1	1.35E+02		1.35E+02	1.43	1.00	3.18					VU ICP-OES	3/7/12 11:37 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T02-C	1	7.18E+01		7.18E+01	0.99	1.00	3.18					VU ICP-OES	3/7/12 11:38 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T03-C	1	5.25E+01		5.25E+01	0.83	1.00	3.18	10000	1000	1.10E+03	105%	VU ICP-OES	3/7/12 11:40 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T04-C	1	4.33E+01		4.33E+01	0.82	1.00	3.18					VU ICP-OES	3/7/12 11:41 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T05-C	1	3.13E+01		3.13E+01	2.53	1.00	3.18					VU ICP-OES	3/7/12 11:43 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T06-C	1	2.90E+01		2.90E+01	1.01	1.00	3.18					VU ICP-OES	3/7/12 11:45 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T07-C	1	2.58E+01		2.58E+01	0.29	1.00	3.18					VU ICP-OES	3/7/12 11:46 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T08-C	1	2.29E+01		2.29E+01	1.69	1.00	3.18					VU ICP-OES	3/7/12 11:48 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-T09-C	1	1.79E+01		1.79E+01	1.21	1.00	3.18					VU ICP-OES	3/7/12 11:50 AM	EPA Interlab L10 1314 JaFS
Ba	JaFS-L10-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	19.44	1.00	3.18					VU ICP-OES	3/7/12 11:06 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	JaFS-L10-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	36.92	1.90	6.00					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	25.96	1.90	6.00					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	15.22	1.90	6.00	10000	1000	9.95E+02	99%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	23.70	1.90	6.00					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	30.30	1.90	6.00					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	23.19	1.90	6.00					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	35.27	1.90	6.00					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	16.59	1.90	6.00					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	39.47	1.90	6.00					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	53.08	1.90	6.00					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	63.94	1.90	6.00					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	55.21	1.90	6.00	10000	1000	9.48E+02	95%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	34.03	1.90	6.00					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	39.36	1.90	6.00					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	34.76	1.90	6.00					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	9.98	1.90	6.00					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	27.77	1.90	6.00					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	38.84	1.90	6.00					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	60.61	1.90	6.00					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	72.20	1.90	6.00					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	68.80	1.90	6.00	10000	1000	9.18E+02	92%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	40.66	1.90	6.00					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	44.88	1.90	6.00					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	54.99	1.90	6.00					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	9.46	1.90	6.00					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	50.05	1.90	6.00					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	61.61	1.90	6.00					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Be	JaFS-L10-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	40.54	1.90	6.00					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	JaFS-L10-1314-T01-A	1	9.81E+00		9.81E+00	3.94	2.20	7.00					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T02-A	1	3.06E+00	E	3.06E+00	14.22	2.20	7.00					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T03-A	1	1.10E+00	U1/2	1.10E+00	6.34	2.20	7.00	10000	1000	9.59E+02	96%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T04-A	1	1.10E+00	U1/2	1.10E+00	5.13	2.20	7.00					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T05-A	1	1.10E+00	U1/2	1.10E+00	18.83	2.20	7.00					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T06-A	1	1.10E+00	U1/2	1.10E+00	4.37	2.20	7.00					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T07-A	1	1.10E+00	U1/2	1.10E+00	21.18	2.20	7.00					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T08-A	1	1.10E+00	U1/2	1.10E+00	15.68	2.20	7.00					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T09-A	1	1.10E+00	U1/2	1.10E+00	19.83	2.20	7.00					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T01-B	1	1.18E+01		1.18E+01	1.95	2.20	7.00					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T02-B	1	3.42E+00	E	3.42E+00	3.03	2.20	7.00					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T03-B	1	1.10E+00	U1/2	1.10E+00	12.66	2.20	7.00	10000	1000	8.96E+02	90%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T04-B	1	1.10E+00	U1/2	1.10E+00	3.53	2.20	7.00					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T05-B	1	1.10E+00	U1/2	1.10E+00	17.07	2.20	7.00					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T06-B	1	1.10E+00	U1/2	1.10E+00	16.66	2.20	7.00					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T07-B	1	1.10E+00	U1/2	1.10E+00	27.90	2.20	7.00					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T08-B	1	1.10E+00	U1/2	1.10E+00	9.91	2.20	7.00					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T09-B	1	1.10E+00	U1/2	1.10E+00	6.74	2.20	7.00					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T01-C	1	9.72E+00		9.72E+00	0.26	2.20	7.00					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T02-C	1	4.78E+00	E	4.78E+00	2.24	2.20	7.00					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T03-C	1	2.51E+00	E	2.51E+00	6.43	2.20	7.00	10000	1000	8.69E+02	87%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T04-C	1	1.10E+00	U1/2	1.10E+00	12.82	2.20	7.00					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T05-C	1	1.10E+00	U1/2	1.10E+00	9.97	2.20	7.00					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T06-C	1	1.10E+00	U1/2	1.10E+00	19.19	2.20	7.00					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T07-C	1	1.10E+00	U1/2	1.10E+00	27.45	2.20	7.00					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T08-C	1	1.10E+00	U1/2	1.10E+00	18.85	2.20	7.00					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-T09-C	1	1.10E+00	U1/2	1.10E+00	47.53	2.20	7.00					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Cd	JaFS-L10-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	34.15	2.20	7.00					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	JaFS-L10-1314-T01-A	1	2.09E+05		2.09E+05	2.80	2.60	8.30					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T02-A	1	5.46E+04		5.46E+04	4.91	2.60	8.30					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T03-A	1	2.65E+04		2.65E+04	1.52	2.60	8.30	10000	1000	2.74E+04	88%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T04-A	1	2.64E+04		2.64E+04	1.06	2.60	8.30					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T05-A	1	2.61E+04		2.61E+04	1.03	2.60	8.30					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T06-A	1	2.54E+04		2.54E+04	2.86	2.60	8.30					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T07-A	1	2.49E+04		2.49E+04	1.09	2.60	8.30					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T08-A	1	2.82E+04		2.82E+04	1.97	2.60	8.30					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T09-A	1	3.15E+04		3.15E+04	1.45	2.60	8.30					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T01-B	1	2.39E+05		2.39E+05	2.76	2.60	8.30					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T02-B	1	5.53E+04		5.53E+04	2.36	2.60	8.30					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T03-B	1	2.92E+04		2.92E+04	2.11	2.60	8.30	10000	1000	3.01E+04	91%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T04-B	1	2.58E+04		2.58E+04	1.43	2.60	8.30					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T05-B	1	2.72E+04		2.72E+04	1.72	2.60	8.30					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T06-B	1	2.69E+04		2.69E+04	0.86	2.60	8.30					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T07-B	1	2.76E+04		2.76E+04	1.49	2.60	8.30					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T08-B	1	2.95E+04		2.95E+04	1.96	2.60	8.30					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T09-B	1	3.18E+04		3.18E+04	1.26	2.60	8.30					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T01-C	1	1.77E+05		1.77E+05	0.87	2.60	8.30					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T02-C	1	5.69E+04		5.69E+04	1.29	2.60	8.30					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T03-C	1	2.56E+04		2.56E+04	0.72	2.60	8.30	10000	1000	2.65E+04	89%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T04-C	1	2.88E+04		2.88E+04	0.39	2.60	8.30					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T05-C	1	2.55E+04		2.55E+04	1.87	2.60	8.30					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T06-C	1	2.55E+04		2.55E+04	0.65	2.60	8.30					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T07-C	1	2.66E+04		2.66E+04	0.88	2.60	8.30					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T08-C	1	2.86E+04		2.86E+04	1.01	2.60	8.30					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-T09-C	1	3.03E+04		3.03E+04	0.54	2.60	8.30					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Ca	JaFS-L10-1314-B01-A	1	2.72E+04		2.72E+04	0.65	2.60	8.30					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	JaFS-L10-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	49.52	1.20	3.82					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	38.65	1.20	3.82					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	45.31	1.20	3.82	10000	1000	1.00E+03	100%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	17.02	1.20	3.82					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	22.39	1.20	3.82					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	24.27	1.20	3.82					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	11.76	1.20	3.82					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	24.59	1.20	3.82					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	37.44	1.20	3.82					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	10.26	1.20	3.82					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	66.77	1.20	3.82					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	59.53	1.20	3.82	10000	1000	9.41E+02	94%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	46.04	1.20	3.82					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	41.47	1.20	3.82					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	29.46	1.20	3.82					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	5.63	1.20	3.82					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	29.47	1.20	3.82					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	14.56	1.20	3.82					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	20.38	1.20	3.82					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	22.09	1.20	3.82					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	41.21	1.20	3.82	10000	1000	9.07E+02	91%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	36.40	1.20	3.82					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	42.74	1.20	3.82					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	36.80	1.20	3.82					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	3.77	1.20	3.82					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	11.67	1.20	3.82					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	56.03	1.20	3.82					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Cr	JaFS-L10-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	43.82	1.20	3.82					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	JaFS-L10-1314-T01-A	1	9.00E-01	U1/2	9.00E-01	29.15	1.80	5.72					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T02-A	1	9.00E-01	U1/2	9.00E-01	31.89	1.80	5.72					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T03-A	1	9.00E-01	U1/2	9.00E-01	36.95	1.80	5.72	10000	1000	9.85E+02	98%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	34.90	1.80	5.72					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	54.00	1.80	5.72					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	32.27	1.80	5.72					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	16.19	1.80	5.72					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	44.93	1.80	5.72					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	48.54	1.80	5.72					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T01-B	1	9.00E-01	U1/2	9.00E-01	16.77	1.80	5.72					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T02-B	1	9.00E-01	U1/2	9.00E-01	47.44	1.80	5.72					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T03-B	1	9.00E-01	U1/2	9.00E-01	37.86	1.80	5.72	10000	1000	9.16E+02	92%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	33.65	1.80	5.72					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	16.65	1.80	5.72					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	31.84	1.80	5.72					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	10.72	1.80	5.72					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	7.04	1.80	5.72					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	44.91	1.80	5.72					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T01-C	1	9.00E-01	U1/2	9.00E-01	12.67	1.80	5.72					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T02-C	1	9.00E-01	U1/2	9.00E-01	1.46	1.80	5.72					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T03-C	1	9.00E-01	U1/2	9.00E-01	56.11	1.80	5.72	10000	1000	8.92E+02	89%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	37.70	1.80	5.72					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	37.42	1.80	5.72					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	68.12	1.80	5.72					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	17.50	1.80	5.72					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	45.11	1.80	5.72					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	22.91	1.80	5.72					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Co	JaFS-L10-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	52.50	1.80	5.72					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	JaFS-L10-1314-T01-A	1	7.61E+02		7.61E+02	2.18	3.70	11.80					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T02-A	1	6.06E+02		6.06E+02	4.31	3.70	11.80					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T03-A	1	3.14E+02		3.14E+02	1.26	3.70	11.80	10000	1000	1.33E+03	102%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T04-A	1	2.11E+02		2.11E+02	1.57	3.70	11.80					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T05-A	1	1.83E+02		1.83E+02	0.64	3.70	11.80					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T06-A	1	1.20E+02		1.20E+02	3.23	3.70	11.80					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T07-A	1	7.62E+01		7.62E+01	1.33	3.70	11.80					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T08-A	1	4.98E+01		4.98E+01	3.42	3.70	11.80					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T09-A	1	3.57E+01		3.57E+01	0.47	3.70	11.80					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T01-B	1	8.84E+02		8.84E+02	2.37	3.70	11.80					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T02-B	1	6.95E+02		6.95E+02	2.50	3.70	11.80					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T03-B	1	4.36E+02		4.36E+02	1.68	3.70	11.80	10000	1000	1.49E+03	105%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T04-B	1	2.39E+02		2.39E+02	0.59	3.70	11.80					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T05-B	1	1.77E+02		1.77E+02	1.16	3.70	11.80					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T06-B	1	1.10E+02		1.10E+02	0.80	3.70	11.80					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T07-B	1	7.26E+01		7.26E+01	1.82	3.70	11.80					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T08-B	1	4.97E+01		4.97E+01	4.05	3.70	11.80					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T09-B	1	3.89E+01		3.89E+01	1.71	3.70	11.80					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T01-C	1	6.11E+02		6.11E+02	0.47	3.70	11.80					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T02-C	1	5.59E+02		5.59E+02	1.22	3.70	11.80					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T03-C	1	4.42E+02		4.42E+02	0.76	3.70	11.80	10000	1000	1.46E+03	101%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T04-C	1	2.53E+02		2.53E+02	1.64	3.70	11.80					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T05-C	1	1.80E+02		1.80E+02	1.24	3.70	11.80					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T06-C	1	1.11E+02		1.11E+02	0.27	3.70	11.80					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T07-C	1	7.27E+01		7.27E+01	1.23	3.70	11.80					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T08-C	1	4.76E+01		4.76E+01	1.67	3.70	11.80					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-T09-C	1	3.91E+01		3.91E+01	1.74	3.70	11.80					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Cu	JaFS-L10-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	13.46	3.70	11.80					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	JaFS-L10-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	4.48	2.00	6.40					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	11.07	2.00	6.40					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	4.44	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	25.64	2.00	6.40					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	16.40	2.00	6.40					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	5.82	2.00	6.40					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	3.24	2.00	6.40					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	5.40	2.00	6.40					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	3.67	2.00	6.40					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	1.51	2.00	6.40					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	6.03	2.00	6.40					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	3.43	2.00	6.40	10000	1000	9.50E+02	95%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	15.66	2.00	6.40					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	9.24	2.00	6.40					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	7.84	2.00	6.40					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	10.18	2.00	6.40					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	12.82	2.00	6.40					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	9.05	2.00	6.40					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	2.36	2.00	6.40					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	4.73	2.00	6.40					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	10.76	2.00	6.40	10000	1000	9.19E+02	92%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	8.62	2.00	6.40					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	6.96	2.00	6.40					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	6.14	2.00	6.40					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	5.01	2.00	6.40					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	13.17	2.00	6.40					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	20.64	2.00	6.40					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Fe	JaFS-L10-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	22.84	2.00	6.40					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	JaFS-L10-1314-T01-A	1	8.33E+01		8.33E+01	5.36	6.80	21.60					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T02-A	1	1.01E+02		1.01E+02	3.30	6.80	21.60					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T03-A	1	1.01E+02		1.01E+02	2.22	6.80	21.60	10000	1000	9.91E+02	89%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T04-A	1	7.40E+01		7.40E+01	5.40	6.80	21.60					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T05-A	1	6.72E+01		6.72E+01	3.74	6.80	21.60					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T06-A	1	5.74E+01		5.74E+01	3.94	6.80	21.60					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T07-A	1	5.19E+01		5.19E+01	6.65	6.80	21.60					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T08-A	1	3.06E+01		3.06E+01	2.21	6.80	21.60					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T09-A	1	2.76E+01		2.76E+01	5.54	6.80	21.60					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T01-B	1	8.21E+01		8.21E+01	9.11	6.80	21.60					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T02-B	1	1.02E+02		1.02E+02	14.28	6.80	21.60					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T03-B	1	1.04E+02		1.04E+02	2.52	6.80	21.60	10000	1000	1.08E+03	98%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T04-B	1	7.40E+01		7.40E+01	7.77	6.80	21.60					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T05-B	1	6.99E+01		6.99E+01	6.59	6.80	21.60					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T06-B	1	5.81E+01		5.81E+01	1.69	6.80	21.60					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T07-B	1	5.34E+01		5.34E+01	7.81	6.80	21.60					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T08-B	1	3.52E+01		3.52E+01	2.47	6.80	21.60					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T09-B	1	3.07E+01		3.07E+01	10.16	6.80	21.60					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T01-C	1	8.69E+01		8.69E+01	2.31	6.80	21.60					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T02-C	1	1.10E+02		1.10E+02	5.40	6.80	21.60					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T03-C	1	1.10E+02		1.10E+02	2.62	6.80	21.60	10000	1000	1.09E+03	98%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T04-C	1	7.19E+01		7.19E+01	3.86	6.80	21.60					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T05-C	1	6.83E+01		6.83E+01	2.46	6.80	21.60					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T06-C	1	5.65E+01		5.65E+01	3.66	6.80	21.60					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T07-C	1	4.87E+01		4.87E+01	5.90	6.80	21.60					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T08-C	1	3.35E+01		3.35E+01	19.19	6.80	21.60					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-T09-C	1	2.85E+01		2.85E+01	2.35	6.80	21.60					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Pb	JaFS-L10-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	36.11	6.80	21.60					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	JaFS-L10-1314-T01-A	1	4.93E+01		4.93E+01	5.45	1.90	6.00					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T02-A	1	1.30E+01		1.30E+01	12.33	1.90	6.00					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	14.47	1.90	6.00	10000	1000	9.58E+02	96%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	0.75	1.90	6.00					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	34.91	1.90	6.00					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	7.93	1.90	6.00					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	36.83	1.90	6.00					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	20.70	1.90	6.00					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	27.69	1.90	6.00					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T01-B	1	5.01E+01		5.01E+01	3.38	1.90	6.00					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T02-B	1	1.42E+01		1.42E+01	2.36	1.90	6.00					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T03-B	1	2.15E+00	E	2.15E+00	18.20	1.90	6.00	10000	1000	9.23E+02	92%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	35.89	1.90	6.00					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	40.50	1.90	6.00					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	21.03	1.90	6.00					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	2.71	1.90	6.00					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	44.46	1.90	6.00					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	20.82	1.90	6.00					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T01-C	1	5.00E+01		5.00E+01	1.22	1.90	6.00					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T02-C	1	1.30E+01		1.30E+01	6.16	1.90	6.00					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T03-C	1	5.78E+00	E	5.78E+00	24.68	1.90	6.00	10000	1000	8.91E+02	88%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	25.37	1.90	6.00					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	42.33	1.90	6.00					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	14.76	1.90	6.00					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	15.77	1.90	6.00					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	21.44	1.90	6.00					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	46.34	1.90	6.00					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Li	JaFS-L10-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	10.41	1.90	6.00					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	JaFS-L10-1314-T01-A	1	1.48E+02		1.48E+02	3.11	2.00	6.40					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T02-A	1	3.09E+01		3.09E+01	4.27	2.00	6.40					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T03-A	1	1.13E+01		1.13E+01	1.26	2.00	6.40	10000	1000	9.43E+02	93%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T04-A	1	1.16E+01		1.16E+01	0.53	2.00	6.40					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T05-A	1	1.02E+01		1.02E+01	1.06	2.00	6.40					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T06-A	1	8.25E+00		8.25E+00	3.52	2.00	6.40					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T07-A	1	6.64E+00		6.64E+00	1.07	2.00	6.40					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T08-A	1	6.12E+00	E	6.12E+00	1.86	2.00	6.40					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T09-A	1	7.67E+00		7.67E+00	2.07	2.00	6.40					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T01-B	1	1.44E+02		1.44E+02	2.31	2.00	6.40					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T02-B	1	3.37E+01		3.37E+01	2.06	2.00	6.40					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T03-B	1	2.24E+01		2.24E+01	1.67	2.00	6.40	10000	1000	9.84E+02	96%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T04-B	1	1.56E+01		1.56E+01	1.15	2.00	6.40					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T05-B	1	1.41E+01		1.41E+01	2.11	2.00	6.40					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T06-B	1	1.07E+01		1.07E+01	1.10	2.00	6.40					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T07-B	1	8.80E+00		8.80E+00	1.95	2.00	6.40					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T08-B	1	8.10E+00		8.10E+00	1.53	2.00	6.40					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T09-B	1	8.83E+00		8.83E+00	1.15	2.00	6.40					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T01-C	1	1.54E+02		1.54E+02	0.21	2.00	6.40					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T02-C	1	3.29E+01		3.29E+01	0.74	2.00	6.40					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T03-C	1	1.35E+01		1.35E+01	0.65	2.00	6.40	10000	1000	9.60E+02	95%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T04-C	1	1.22E+01		1.22E+01	0.21	2.00	6.40					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T05-C	1	1.10E+01		1.10E+01	2.10	2.00	6.40					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T06-C	1	9.00E+00		9.00E+00	0.40	2.00	6.40					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T07-C	1	8.67E+00		8.67E+00	0.18	2.00	6.40					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T08-C	1	7.57E+00		7.57E+00	1.01	2.00	6.40					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-T09-C	1	6.00E+00	E	6.00E+00	0.34	2.00	6.40					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Mn	JaFS-L10-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	19.29	2.00	6.40					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	JaFS-L10-1314-T01-A	1	3.57E+04		3.57E+04	2.80	1.00	3.18					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T02-A	1	9.20E+03		9.20E+03	7.33	1.00	3.18					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T03-A	1	4.49E+03		4.49E+03	2.07	1.00	3.18	10000	1000	5.44E+03	95%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T04-A	1	4.16E+03		4.16E+03	1.36	1.00	3.18					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T05-A	1	4.04E+03		4.04E+03	0.58	1.00	3.18					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T06-A	1	3.65E+03		3.65E+03	3.27	1.00	3.18					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T07-A	1	3.37E+03		3.37E+03	0.88	1.00	3.18					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T08-A	1	3.59E+03		3.59E+03	1.86	1.00	3.18					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T09-A	1	3.92E+03		3.92E+03	1.80	1.00	3.18					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T01-B	1	4.31E+04		4.31E+04	2.71	1.00	3.18					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T02-B	1	1.01E+04		1.01E+04	1.68	1.00	3.18					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T03-B	1	4.94E+03		4.94E+03	1.54	1.00	3.18	10000	1000	5.87E+03	94%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T04-B	1	4.27E+03		4.27E+03	1.61	1.00	3.18					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T05-B	1	4.39E+03		4.39E+03	1.00	1.00	3.18					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T06-B	1	4.05E+03		4.05E+03	1.18	1.00	3.18					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T07-B	1	3.90E+03		3.90E+03	2.21	1.00	3.18					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T08-B	1	3.91E+03		3.91E+03	2.67	1.00	3.18					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T09-B	1	4.04E+03		4.04E+03	0.82	1.00	3.18					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T01-C	1	3.02E+04		3.02E+04	1.91	1.00	3.18					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T02-C	1	1.02E+04		1.02E+04	0.82	1.00	3.18					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T03-C	1	4.43E+03		4.43E+03	1.06	1.00	3.18	10000	1000	5.43E+03	101%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T04-C	1	3.75E+03		3.75E+03	0.43	1.00	3.18					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T05-C	1	3.92E+03		3.92E+03	2.13	1.00	3.18					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T06-C	1	3.73E+03		3.73E+03	0.75	1.00	3.18					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T07-C	1	3.68E+03		3.68E+03	0.78	1.00	3.18					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T08-C	1	3.72E+03		3.72E+03	1.16	1.00	3.18					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-T09-C	1	3.67E+03		3.67E+03	0.71	1.00	3.18					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Mg	JaFS-L10-1314-B01-A	1	1.08E+00	E	1.08E+00	23.47	1.00	3.18					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	JaFS-L10-1314-T01-A	1	7.63E+01		7.63E+01	4.78	1.20	3.82					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T02-A	1	3.45E+01		3.45E+01	6.17	1.20	3.82					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T03-A	1	1.23E+01		1.23E+01	0.85	1.20	3.82	10000	1000	9.48E+02	94%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T04-A	1	1.10E+01		1.10E+01	2.73	1.20	3.82					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T05-A	1	9.06E+00		9.06E+00	8.96	1.20	3.82					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T06-A	1	6.95E+00		6.95E+00	4.34	1.20	3.82					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T07-A	1	4.61E+00		4.61E+00	11.84	1.20	3.82					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T08-A	1	3.36E+00	E	3.36E+00	12.59	1.20	3.82					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T09-A	1	2.66E+00	E	2.66E+00	21.11	1.20	3.82					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T01-B	1	7.02E+01		7.02E+01	0.60	1.20	3.82					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T02-B	1	4.36E+01		4.36E+01	3.71	1.20	3.82					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T03-B	1	1.69E+01		1.69E+01	5.01	1.20	3.82	10000	1000	9.27E+02	91%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T04-B	1	1.14E+01		1.14E+01	6.24	1.20	3.82					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T05-B	1	1.04E+01		1.04E+01	5.48	1.20	3.82					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T06-B	1	7.98E+00		7.98E+00	4.54	1.20	3.82					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T07-B	1	5.22E+00		5.22E+00	3.33	1.20	3.82					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T08-B	1	3.40E+00	E	3.40E+00	17.01	1.20	3.82					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T09-B	1	3.70E+00	E	3.70E+00	11.86	1.20	3.82					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T01-C	1	6.25E+01		6.25E+01	1.00	1.20	3.82					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T02-C	1	4.65E+01		4.65E+01	1.20	1.20	3.82					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T03-C	1	2.28E+01		2.28E+01	1.56	1.20	3.82	10000	1000	9.54E+02	93%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T04-C	1	1.22E+01		1.22E+01	3.07	1.20	3.82					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T05-C	1	8.77E+00		8.77E+00	10.39	1.20	3.82					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T06-C	1	7.07E+00		7.07E+00	1.03	1.20	3.82					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T07-C	1	5.32E+00		5.32E+00	6.80	1.20	3.82					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T08-C	1	3.89E+00		3.89E+00	9.61	1.20	3.82					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-T09-C	1	3.05E+00	E	3.05E+00	14.58	1.20	3.82					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Mo	JaFS-L10-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	49.71	1.20	3.82					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	JaFS-L10-1314-T01-A	1	7.34E+00		7.34E+00	3.77	1.80	5.70					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T02-A	1	5.36E+00	E	5.36E+00	25.00	1.80	5.70					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T03-A	1	9.00E-01	U1/2	9.00E-01	43.17	1.80	5.70	10000	1000	9.62E+02	96%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	41.12	1.80	5.70					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	34.45	1.80	5.70					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	23.88	1.80	5.70					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	32.30	1.80	5.70					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	46.59	1.80	5.70					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	50.72	1.80	5.70					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T01-B	1	9.07E+00		9.07E+00	1.16	1.80	5.70					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T02-B	1	8.43E+00		8.43E+00	15.16	1.80	5.70					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T03-B	1	9.00E-01	U1/2	9.00E-01	37.02	1.80	5.70	10000	1000	8.98E+02	90%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	28.09	1.80	5.70					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	40.09	1.80	5.70					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	33.41	1.80	5.70					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	2.79	1.80	5.70					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	5.67	1.80	5.70					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	34.29	1.80	5.70					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T01-C	1	8.88E+00		8.88E+00	3.29	1.80	5.70					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T02-C	1	6.75E+00		6.75E+00	8.96	1.80	5.70					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T03-C	1	9.00E-01	U1/2	9.00E-01	16.07	1.80	5.70	10000	1000	8.72E+02	87%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	51.05	1.80	5.70					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	25.97	1.80	5.70					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	24.65	1.80	5.70					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	30.80	1.80	5.70					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	14.85	1.80	5.70					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	44.22	1.80	5.70					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Ni	JaFS-L10-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	58.98	1.80	5.70					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	JaFS-L10-1314-T01-A	1	7.26E+01		7.26E+01	1.31	3.70	11.80					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T02-A	1	5.85E+01		5.85E+01	9.25	3.70	11.80					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T03-A	1	4.60E+01		4.60E+01	6.36	3.70	11.80	10000	1000	1.16E+03	111%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T04-A	1	3.76E+01		3.76E+01	2.02	3.70	11.80					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T05-A	1	2.99E+01		2.99E+01	2.40	3.70	11.80					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T06-A	1	1.49E+01		1.49E+01	1.66	3.70	11.80					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T07-A	1	1.53E+01		1.53E+01	4.49	3.70	11.80					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T08-A	1	1.34E+01		1.34E+01	3.16	3.70	11.80					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T09-A	1	1.93E+01		1.93E+01	3.30	3.70	11.80					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T01-B	1	7.61E+01		7.61E+01	9.29	3.70	11.80					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T02-B	1	6.48E+01		6.48E+01	1.11	3.70	11.80					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T03-B	1	4.78E+01		4.78E+01	13.00	3.70	11.80	10000	1000	1.12E+03	108%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T04-B	1	3.38E+01		3.38E+01	3.07	3.70	11.80					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T05-B	1	2.66E+01		2.66E+01	2.85	3.70	11.80					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T06-B	1	2.32E+01		2.32E+01	2.56	3.70	11.80					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T07-B	1	2.28E+01		2.28E+01	4.18	3.70	11.80					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T08-B	1	1.58E+01		1.58E+01	7.22	3.70	11.80					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T09-B	1	1.32E+01		1.32E+01	3.36	3.70	11.80					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T01-C	1	6.20E+01		6.20E+01	3.68	3.70	11.80					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T02-C	1	4.66E+01		4.66E+01	14.62	3.70	11.80					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T03-C	1	4.33E+01		4.33E+01	3.33	3.70	11.80	10000	1000	1.08E+03	103%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T04-C	1	3.08E+01		3.08E+01	2.63	3.70	11.80					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T05-C	1	2.53E+01		2.53E+01	1.25	3.70	11.80					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T06-C	1	2.28E+01		2.28E+01	2.80	3.70	11.80					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T07-C	1	1.91E+01		1.91E+01	1.88	3.70	11.80					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T08-C	1	1.34E+01		1.34E+01	3.91	3.70	11.80					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-T09-C	1	1.38E+01		1.38E+01	2.54	3.70	11.80					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
P	JaFS-L10-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	59.85	3.70	11.80					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	JaFS-L10-1314-T01-A	1	4.20E+04		4.20E+04	2.36	1.60	5.09					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T02-A	1	1.80E+04		1.80E+04	4.55	1.60	5.09					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T03-A	1	1.15E+04		1.15E+04	1.63	1.60	5.09	10000	1000	1.23E+04	85%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T04-A	1	1.13E+04		1.13E+04	0.98	1.60	5.09					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T05-A	1	1.02E+04		1.02E+04	0.82	1.60	5.09					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T06-A	1	8.08E+03		8.08E+03	3.28	1.60	5.09					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T07-A	1	5.76E+03		5.76E+03	1.51	1.60	5.09					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T08-A	1	3.73E+03		3.73E+03	1.45	1.60	5.09					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T09-A	1	2.73E+03		2.73E+03	1.40	1.60	5.09					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T01-B	1	4.74E+04		4.74E+04	2.50	1.60	5.09					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T02-B	1	1.48E+04		1.48E+04	2.42	1.60	5.09					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T03-B	1	1.37E+04		1.37E+04	2.10	1.60	5.09	10000	1000	1.46E+04	93%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T04-B	1	1.18E+04		1.18E+04	1.29	1.60	5.09					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T05-B	1	1.07E+04		1.07E+04	1.62	1.60	5.09					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T06-B	1	7.98E+03		7.98E+03	0.94	1.60	5.09					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T07-B	1	5.96E+03		5.96E+03	2.13	1.60	5.09					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T08-B	1	3.95E+03		3.95E+03	1.88	1.60	5.09					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T09-B	1	2.85E+03		2.85E+03	1.14	1.60	5.09					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T01-C	1	3.71E+04		3.71E+04	0.84	1.60	5.09					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T02-C	1	1.34E+04		1.34E+04	1.05	1.60	5.09					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T03-C	1	1.12E+04		1.12E+04	0.74	1.60	5.09	10000	1000	1.21E+04	90%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T04-C	1	1.10E+04		1.10E+04	0.45	1.60	5.09					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T05-C	1	1.02E+04		1.02E+04	1.67	1.60	5.09					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T06-C	1	7.79E+03		7.79E+03	0.39	1.60	5.09					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T07-C	1	6.05E+03		6.05E+03	1.17	1.60	5.09					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T08-C	1	3.96E+03		3.96E+03	0.98	1.60	5.09					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-T09-C	1	2.72E+03		2.72E+03	0.56	1.60	5.09					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
K	JaFS-L10-1314-B01-A	1	3.31E+01		3.31E+01	1.25	1.60	5.09					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	JaFS-L10-1314-T01-A	1	4.16E+01	E	4.16E+01	6.14	15.00	47.70					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T02-A	1	3.59E+01	E	3.59E+01	11.88	15.00	47.70					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T03-A	1	2.20E+01	E	2.20E+01	15.40	15.00	47.70	10000	1000	1.00E+03	98%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T04-A	1	7.50E+00	U1/2	7.50E+00	31.64	15.00	47.70					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T05-A	1	7.50E+00	U1/2	7.50E+00	53.04	15.00	47.70					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T06-A	1	7.50E+00	U1/2	7.50E+00	12.72	15.00	47.70					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T07-A	1	7.50E+00	U1/2	7.50E+00	16.53	15.00	47.70					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	2.59	15.00	47.70					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	13.48	15.00	47.70					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T01-B	1	4.30E+01	E	4.30E+01	33.16	15.00	47.70					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T02-B	1	3.20E+01	E	3.20E+01	18.05	15.00	47.70					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T03-B	1	2.10E+01	E	2.10E+01	35.03	15.00	47.70	10000	1000	9.64E+02	94%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T04-B	1	7.50E+00	U1/2	7.50E+00	40.72	15.00	47.70					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T05-B	1	7.50E+00	U1/2	7.50E+00	52.59	15.00	47.70					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T06-B	1	7.50E+00	U1/2	7.50E+00	27.86	15.00	47.70					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T07-B	1	7.50E+00	U1/2	7.50E+00	41.73	15.00	47.70					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	44.06	15.00	47.70					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	51.68	15.00	47.70					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T01-C	1	4.37E+01	E	4.37E+01	18.06	15.00	47.70					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T02-C	1	3.49E+01	E	3.49E+01	36.23	15.00	47.70					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T03-C	1	1.90E+01	E	1.90E+01	35.07	15.00	47.70	10000	1000	9.40E+02	92%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T04-C	1	7.50E+00	U1/2	7.50E+00	30.85	15.00	47.70					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T05-C	1	7.50E+00	U1/2	7.50E+00	16.73	15.00	47.70					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T06-C	1	7.50E+00	U1/2	7.50E+00	21.43	15.00	47.70					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T07-C	1	7.50E+00	U1/2	7.50E+00	16.59	15.00	47.70					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	5.80	15.00	47.70					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	13.70	15.00	47.70					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Se	JaFS-L10-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	9.14	15.00	47.70					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	JaFS-L10-1314-T01-A	1	3.70E+03		3.70E+03	2.76	1.10	3.50					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T02-A	1	2.86E+03		2.86E+03	7.77	1.10	3.50					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T03-A	1	2.35E+03		2.35E+03	2.05	1.10	3.50	10000	1000	3.28E+03	93%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T04-A	1	2.15E+03		2.15E+03	1.24	1.10	3.50					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T05-A	1	2.01E+03		2.01E+03	1.38	1.10	3.50					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T06-A	1	1.84E+03		1.84E+03	3.76	1.10	3.50					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T07-A	1	1.67E+03		1.67E+03	1.79	1.10	3.50					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T08-A	1	1.64E+03		1.64E+03	1.92	1.10	3.50					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T09-A	1	1.73E+03		1.73E+03	1.62	1.10	3.50					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T01-B	1	3.56E+03		3.56E+03	2.59	1.10	3.50					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T02-B	1	3.12E+03		3.12E+03	0.74	1.10	3.50					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T03-B	1	2.43E+03		2.43E+03	2.19	1.10	3.50	10000	1000	3.39E+03	96%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T04-B	1	2.15E+03		2.15E+03	1.23	1.10	3.50					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T05-B	1	1.98E+03		1.98E+03	1.59	1.10	3.50					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T06-B	1	1.81E+03		1.81E+03	0.61	1.10	3.50					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T07-B	1	1.71E+03		1.71E+03	1.77	1.10	3.50					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T08-B	1	1.65E+03		1.65E+03	1.80	1.10	3.50					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T09-B	1	1.72E+03		1.72E+03	1.29	1.10	3.50					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T01-C	1	3.23E+03		3.23E+03	1.40	1.10	3.50					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T02-C	1	2.88E+03		2.88E+03	0.55	1.10	3.50					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T03-C	1	2.40E+03		2.40E+03	1.00	1.10	3.50	10000	1000	3.31E+03	90%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T04-C	1	2.03E+03		2.03E+03	0.61	1.10	3.50					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T05-C	1	1.92E+03		1.92E+03	1.36	1.10	3.50					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T06-C	1	1.74E+03		1.74E+03	0.20	1.10	3.50					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T07-C	1	1.71E+03		1.71E+03	0.97	1.10	3.50					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T08-C	1	1.66E+03		1.66E+03	0.69	1.10	3.50					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-T09-C	1	1.70E+03		1.70E+03	0.67	1.10	3.50					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Si	JaFS-L10-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	14.53	1.10	3.50					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	JaFS-L10-1314-T01-A	1	1.75E+05		1.75E+05	0.19	2.50	8.00					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T02-A	1	9.09E+04		9.09E+04	2.07	2.50	8.00					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T03-A	1	3.85E+04		3.85E+04	0.57	2.50	8.00	10000	1000	3.94E+04	90%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T04-A	1	7.88E+03		7.88E+03	0.53	2.50	8.00					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T05-A	1	2.94E+03		2.94E+03	1.09	2.50	8.00					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T06-A	1	1.16E+03		1.16E+03	1.13	2.50	8.00					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T07-A	1	6.67E+02		6.67E+02	0.81	2.50	8.00					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T08-A	1	3.87E+02		3.87E+02	0.51	2.50	8.00					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T09-A	1	3.75E+02		3.75E+02	1.02	2.50	8.00					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T01-B	1	1.84E+05		1.84E+05	0.72	2.50	8.00					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T02-B	1	9.42E+04		9.42E+04	0.36	2.50	8.00					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T03-B	1	4.17E+04		4.17E+04	0.34	2.50	8.00	10000	1000	4.26E+04	93%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T04-B	1	9.83E+03		9.83E+03	0.90	2.50	8.00					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T05-B	1	4.93E+03		4.93E+03	0.85	2.50	8.00					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T06-B	1	1.67E+03		1.67E+03	0.28	2.50	8.00					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T07-B	1	8.27E+02		8.27E+02	0.46	2.50	8.00					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T08-B	1	4.49E+02		4.49E+02	0.53	2.50	8.00					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T09-B	1	3.36E+02		3.36E+02	0.42	2.50	8.00					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T01-C	1	1.56E+05		1.56E+05	0.48	2.50	8.00					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T02-C	1	9.37E+04		9.37E+04	1.61	2.50	8.00					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T03-C	1	4.23E+04		4.23E+04	0.08	2.50	8.00	10000	1000	4.32E+04	87%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T04-C	1	8.54E+03		8.54E+03	0.68	2.50	8.00					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T05-C	1	4.87E+03		4.87E+03	0.69	2.50	8.00					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T06-C	1	2.52E+03		2.52E+03	0.23	2.50	8.00					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T07-C	1	1.07E+03		1.07E+03	0.33	2.50	8.00					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T08-C	1	5.47E+02		5.47E+02	0.71	2.50	8.00					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-T09-C	1	3.03E+02		3.03E+02	0.58	2.50	8.00					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Na	JaFS-L10-1314-B01-A	1	7.63E+00	E	7.63E+00	2.60	2.50	8.00					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	JaFS-L10-1314-T01-A	1	6.06E+03		6.06E+03	2.75	1.00	3.18					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T02-A	1	1.56E+03		1.56E+03	4.64	1.00	3.18					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T03-A	1	8.28E+02		8.28E+02	1.27	1.00	3.18	10000	1000	1.77E+03	94%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T04-A	1	7.63E+02		7.63E+02	0.51	1.00	3.18					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T05-A	1	7.56E+02		7.56E+02	1.71	1.00	3.18					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T06-A	1	7.11E+02		7.11E+02	3.46	1.00	3.18					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T07-A	1	6.75E+02		6.75E+02	2.04	1.00	3.18					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T08-A	1	7.47E+02		7.47E+02	1.31	1.00	3.18					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T09-A	1	8.19E+02		8.19E+02	2.07	1.00	3.18					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T01-B	1	7.04E+03		7.04E+03	1.24	1.00	3.18					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T02-B	1	1.44E+03		1.44E+03	1.53	1.00	3.18					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T03-B	1	8.64E+02		8.64E+02	1.27	1.00	3.18	10000	1000	1.77E+03	91%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T04-B	1	7.51E+02		7.51E+02	0.36	1.00	3.18					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T05-B	1	7.92E+02		7.92E+02	1.04	1.00	3.18					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T06-B	1	7.51E+02		7.51E+02	1.73	1.00	3.18					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T07-B	1	7.52E+02		7.52E+02	2.18	1.00	3.18					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T08-B	1	7.78E+02		7.78E+02	1.78	1.00	3.18					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T09-B	1	8.24E+02		8.24E+02	2.14	1.00	3.18					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T01-C	1	5.11E+03		5.11E+03	0.41	1.00	3.18					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T02-C	1	1.85E+03		1.85E+03	0.44	1.00	3.18					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T03-C	1	9.03E+02		9.03E+02	0.73	1.00	3.18	10000	1000	1.76E+03	86%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T04-C	1	6.78E+02		6.78E+02	1.53	1.00	3.18					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T05-C	1	7.17E+02		7.17E+02	1.64	1.00	3.18					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T06-C	1	7.13E+02		7.13E+02	0.78	1.00	3.18					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T07-C	1	7.28E+02		7.28E+02	1.16	1.00	3.18					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T08-C	1	7.61E+02		7.61E+02	0.69	1.00	3.18					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-T09-C	1	7.85E+02		7.85E+02	0.78	1.00	3.18					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Sr	JaFS-L10-1314-B01-A	1	2.55E+00	E	2.55E+00	0.85	1.00	3.18					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	JaFS-L10-1314-T01-A	1	4.15E+05		4.15E+05	2.85	6.80	21.60					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T02-A	1	8.37E+04		8.37E+04	4.39	6.80	21.60					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T03-A	1	9.77E+03		9.77E+03	1.26	6.80	21.60	10000	1000	1.06E+04	86%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T04-A	1	6.66E+03		6.66E+03	0.67	6.80	21.60					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T05-A	1	5.06E+03		5.06E+03	1.33	6.80	21.60					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T06-A	1	3.23E+03		3.23E+03	3.09	6.80	21.60					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T07-A	1	2.27E+03		2.27E+03	1.78	6.80	21.60					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T08-A	1	1.76E+03		1.76E+03	3.49	6.80	21.60					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T09-A	1	1.63E+03		1.63E+03	1.86	6.80	21.60					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T01-B	1	4.92E+05		4.92E+05	2.22	6.80	21.60					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T02-B	1	8.95E+04		8.95E+04	1.75	6.80	21.60					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T03-B	1	1.02E+04		1.02E+04	1.84	6.80	21.60	10000	1000	1.12E+04	91%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T04-B	1	8.23E+03		8.23E+03	1.10	6.80	21.60					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T05-B	1	5.77E+03		5.77E+03	2.07	6.80	21.60					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T06-B	1	3.70E+03		3.70E+03	0.48	6.80	21.60					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T07-B	1	2.78E+03		2.78E+03	1.30	6.80	21.60					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T08-B	1	2.01E+03		2.01E+03	1.31	6.80	21.60					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T09-B	1	1.64E+03		1.64E+03	1.16	6.80	21.60					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T01-C	1	3.57E+05		3.57E+05	1.02	6.80	21.60					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T02-C	1	8.26E+04		8.26E+04	1.03	6.80	21.60					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T03-C	1	1.06E+04		1.06E+04	0.40	6.80	21.60	10000	1000	1.15E+04	88%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T04-C	1	9.13E+03		9.13E+03	0.49	6.80	21.60					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T05-C	1	6.46E+03		6.46E+03	1.83	6.80	21.60					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T06-C	1	3.82E+03		3.82E+03	1.19	6.80	21.60					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T07-C	1	2.75E+03		2.75E+03	0.63	6.80	21.60					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T08-C	1	1.94E+03		1.94E+03	2.02	6.80	21.60					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-T09-C	1	1.45E+03		1.45E+03	1.72	6.80	21.60					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
S	JaFS-L10-1314-B01-A	1	1.92E+01	E	1.92E+01	4.58	6.80	21.60					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	JaFS-L10-1314-T01-A	1	2.30E+00	U1/2	2.30E+00	27.03	4.60	14.60					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T02-A	1	2.30E+00	U1/2	2.30E+00	53.94	4.60	14.60					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T03-A	1	2.30E+00	U1/2	2.30E+00	57.63	4.60	14.60	10000	1000	9.78E+02	98%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T04-A	1	2.30E+00	U1/2	2.30E+00	46.30	4.60	14.60					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T05-A	1	2.30E+00	U1/2	2.30E+00	46.26	4.60	14.60					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T06-A	1	2.30E+00	U1/2	2.30E+00	59.74	4.60	14.60					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T07-A	1	2.30E+00	U1/2	2.30E+00	21.41	4.60	14.60					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T08-A	1	2.30E+00	U1/2	2.30E+00	13.30	4.60	14.60					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T09-A	1	2.30E+00	U1/2	2.30E+00	12.75	4.60	14.60					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T01-B	1	2.30E+00	U1/2	2.30E+00	20.34	4.60	14.60					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T02-B	1	2.30E+00	U1/2	2.30E+00	47.84	4.60	14.60					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T03-B	1	2.30E+00	U1/2	2.30E+00	35.47	4.60	14.60	10000	1000	9.17E+02	91%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T04-B	1	2.30E+00	U1/2	2.30E+00	8.62	4.60	14.60					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T05-B	1	2.30E+00	U1/2	2.30E+00	6.18	4.60	14.60					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T06-B	1	2.30E+00	U1/2	2.30E+00	34.32	4.60	14.60					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T07-B	1	2.30E+00	U1/2	2.30E+00	11.83	4.60	14.60					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T08-B	1	2.30E+00	U1/2	2.30E+00	48.56	4.60	14.60					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T09-B	1	2.30E+00	U1/2	2.30E+00	39.24	4.60	14.60					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T01-C	1	2.30E+00	U1/2	2.30E+00	10.88	4.60	14.60					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T02-C	1	2.30E+00	U1/2	2.30E+00	54.90	4.60	14.60					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T03-C	1	2.30E+00	U1/2	2.30E+00	51.03	4.60	14.60	10000	1000	8.80E+02	88%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T04-C	1	2.30E+00	U1/2	2.30E+00	33.60	4.60	14.60					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T05-C	1	2.30E+00	U1/2	2.30E+00	7.35	4.60	14.60					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T06-C	1	2.30E+00	U1/2	2.30E+00	9.69	4.60	14.60					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T07-C	1	2.30E+00	U1/2	2.30E+00	37.95	4.60	14.60					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T08-C	1	2.30E+00	U1/2	2.30E+00	5.36	4.60	14.60					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-T09-C	1	2.30E+00	U1/2	2.30E+00	52.86	4.60	14.60					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Tl	JaFS-L10-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	23.22	4.60	14.60					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	JaFS-L10-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	57.18	2.00	6.40					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	8.44	2.00	6.40					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	2.54	2.00	6.40	10000	1000	9.85E+02	98%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	38.45	2.00	6.40					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	3.34	2.00	6.40					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	47.59	2.00	6.40					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	23.68	2.00	6.40					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	60.42	2.00	6.40					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	8.39	2.00	6.40					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	34.91	2.00	6.40					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	47.55	2.00	6.40					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	7.82	2.00	6.40	10000	1000	9.41E+02	94%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	33.16	2.00	6.40					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	14.41	2.00	6.40					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	19.73	2.00	6.40					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	21.39	2.00	6.40					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	9.54	2.00	6.40					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	31.55	2.00	6.40					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	52.50	2.00	6.40					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	10.98	2.00	6.40					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	25.43	2.00	6.40	10000	1000	9.13E+02	91%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	30.88	2.00	6.40					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	9.74	2.00	6.40					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	53.52	2.00	6.40					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	26.67	2.00	6.40					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	54.89	2.00	6.40					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	31.02	2.00	6.40					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Ti	JaFS-L10-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	11.84	2.00	6.40					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	JaFS-L10-1314-T01-A	1	1.41E+01		1.41E+01	5.66	1.50	4.77					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T02-A	1	3.81E+00	E	3.81E+00	16.25	1.50	4.77					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T03-A	1	2.12E+00	E	2.12E+00	4.16	1.50	4.77	10000	1000	1.00E+03	100%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T04-A	1	7.50E-01	U1/2	7.50E-01	4.45	1.50	4.77					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T05-A	1	7.50E-01	U1/2	7.50E-01	27.88	1.50	4.77					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T06-A	1	7.50E-01	U1/2	7.50E-01	24.78	1.50	4.77					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T07-A	1	7.50E-01	U1/2	7.50E-01	23.45	1.50	4.77					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T08-A	1	7.50E-01	U1/2	7.50E-01	52.61	1.50	4.77					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T09-A	1	7.50E-01	U1/2	7.50E-01	20.21	1.50	4.77					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T01-B	1	1.47E+01		1.47E+01	1.52	1.50	4.77					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T02-B	1	5.29E+00		5.29E+00	4.83	1.50	4.77					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T03-B	1	1.71E+00	E	1.71E+00	12.18	1.50	4.77	10000	1000	9.52E+02	95%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T04-B	1	7.50E-01	U1/2	7.50E-01	20.87	1.50	4.77					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T05-B	1	7.50E-01	U1/2	7.50E-01	31.93	1.50	4.77					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T06-B	1	7.50E-01	U1/2	7.50E-01	8.81	1.50	4.77					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T07-B	1	7.50E-01	U1/2	7.50E-01	11.28	1.50	4.77					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T08-B	1	7.50E-01	U1/2	7.50E-01	24.64	1.50	4.77					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T09-B	1	7.50E-01	U1/2	7.50E-01	41.49	1.50	4.77					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T01-C	1	1.32E+01		1.32E+01	11.49	1.50	4.77					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T02-C	1	4.04E+00	E	4.04E+00	6.38	1.50	4.77					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T03-C	1	3.49E+00	E	3.49E+00	15.05	1.50	4.77	10000	1000	9.25E+02	92%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T04-C	1	7.50E-01	U1/2	7.50E-01	30.58	1.50	4.77					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T05-C	1	7.50E-01	U1/2	7.50E-01	18.97	1.50	4.77					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T06-C	1	7.50E-01	U1/2	7.50E-01	19.28	1.50	4.77					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T07-C	1	7.50E-01	U1/2	7.50E-01	6.10	1.50	4.77					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T08-C	1	7.50E-01	U1/2	7.50E-01	2.49	1.50	4.77					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-T09-C	1	7.50E-01	U1/2	7.50E-01	24.59	1.50	4.77					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
V	JaFS-L10-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	13.49	1.50	4.77					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	JaFS-L10-1314-T01-A	1	7.44E+02		7.44E+02	2.81	1.00	3.18					VU ICP-OES	2/9/12 11:33 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T02-A	1	2.76E+02		2.76E+02	4.84	1.00	3.18					VU ICP-OES	2/9/12 11:34 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T03-A	1	1.08E+02		1.08E+02	1.72	1.00	3.18	10000	1000	1.04E+03	93%	VU ICP-OES	2/9/12 11:36 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T04-A	1	8.69E+01		8.69E+01	0.81	1.00	3.18					VU ICP-OES	2/9/12 11:38 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T05-A	1	7.76E+01		7.76E+01	1.92	1.00	3.18					VU ICP-OES	2/9/12 11:39 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T06-A	1	5.80E+01		5.80E+01	3.66	1.00	3.18					VU ICP-OES	2/9/12 11:41 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T07-A	1	4.20E+01		4.20E+01	2.07	1.00	3.18					VU ICP-OES	2/9/12 11:43 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T08-A	1	3.00E+01		3.00E+01	2.33	1.00	3.18					VU ICP-OES	2/9/12 11:44 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T09-A	1	3.08E+01		3.08E+01	3.06	1.00	3.18					VU ICP-OES	2/9/12 11:46 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T01-B	1	7.51E+02		7.51E+02	2.72	1.00	3.18					VU ICP-OES	2/9/12 11:51 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T02-B	1	2.83E+02		2.83E+02	2.15	1.00	3.18					VU ICP-OES	2/9/12 11:52 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T03-B	1	1.14E+02		1.14E+02	2.07	1.00	3.18	10000	1000	1.09E+03	98%	VU ICP-OES	2/9/12 11:54 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T04-B	1	9.17E+01		9.17E+01	1.23	1.00	3.18					VU ICP-OES	2/9/12 11:56 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T05-B	1	7.84E+01		7.84E+01	1.37	1.00	3.18					VU ICP-OES	2/9/12 11:57 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T06-B	1	7.13E+01		7.13E+01	0.70	1.00	3.18					VU ICP-OES	2/9/12 11:59 AM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T07-B	1	5.48E+01		5.48E+01	1.73	1.00	3.18					VU ICP-OES	2/9/12 12:01 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T08-B	1	3.78E+01		3.78E+01	1.97	1.00	3.18					VU ICP-OES	2/9/12 12:02 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T09-B	1	3.09E+01		3.09E+01	1.38	1.00	3.18					VU ICP-OES	2/9/12 12:04 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T01-C	1	6.90E+02		6.90E+02	0.03	1.00	3.18					VU ICP-OES	2/9/12 12:06 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T02-C	1	2.76E+02		2.76E+02	0.72	1.00	3.18					VU ICP-OES	2/9/12 12:07 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T03-C	1	1.26E+02		1.26E+02	0.53	1.00	3.18	10000	1000	1.03E+03	91%	VU ICP-OES	2/9/12 12:09 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T04-C	1	9.34E+01		9.34E+01	0.48	1.00	3.18					VU ICP-OES	2/9/12 12:10 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T05-C	1	7.84E+01		7.84E+01	0.92	1.00	3.18					VU ICP-OES	2/9/12 12:12 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T06-C	1	6.66E+01		6.66E+01	0.12	1.00	3.18					VU ICP-OES	2/9/12 12:14 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T07-C	1	4.98E+01		4.98E+01	1.68	1.00	3.18					VU ICP-OES	2/9/12 12:15 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T08-C	1	3.63E+01		3.63E+01	1.04	1.00	3.18					VU ICP-OES	2/9/12 12:17 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-T09-C	1	2.70E+01		2.70E+01	0.34	1.00	3.18					VU ICP-OES	2/9/12 12:19 PM	EPA Interlab L10 1314 JaFS
Zn	JaFS-L10-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	2.74	1.00	3.18					VU ICP-OES	2/9/12 11:31 AM	EPA Interlab L10 1314 JaFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	JaFS-L11-1314-T01-A	1	5.80E+01		5.80E+01	1.18	1.00	3.18					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T02-A	1	5.39E+01		5.39E+01	6.42	1.00	3.18					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T03-A	1	1.97E+01		1.97E+01	2.57	1.00	3.18	10000	1000	9.72E+02	95%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T04-A	1	1.81E+01		1.81E+01	3.69	1.00	3.18					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T05-A	1	1.63E+01		1.63E+01	1.83	1.00	3.18					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T06-A	1	1.62E+01		1.62E+01	1.75	1.00	3.18					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T07-A	1	1.43E+01		1.43E+01	3.54	1.00	3.18					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T08-A	1	1.61E+01		1.61E+01	0.60	1.00	3.18					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T09-A	1	1.74E+01		1.74E+01	9.98	1.00	3.18					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T01-B	1	6.08E+01		6.08E+01	6.36	1.00	3.18					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T02-B	1	5.74E+01		5.74E+01	1.91	1.00	3.18					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T03-B	1	1.80E+01		1.80E+01	4.25	1.00	3.18	10000	1000	9.72E+02	95%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T04-B	1	1.84E+01		1.84E+01	6.61	1.00	3.18					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T05-B	1	1.68E+01		1.68E+01	11.78	1.00	3.18					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T06-B	1	1.54E+01		1.54E+01	3.49	1.00	3.18					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T07-B	1	1.51E+01		1.51E+01	6.61	1.00	3.18					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T08-B	1	1.80E+01		1.80E+01	3.31	1.00	3.18					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T09-B	1	1.84E+01		1.84E+01	2.79	1.00	3.18					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T01-C	1	6.08E+01		6.08E+01	3.03	1.00	3.18					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T02-C	1	5.39E+01		5.39E+01	1.84	1.00	3.18					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T03-C	1	2.14E+01		2.14E+01	2.91	1.00	3.18	10000	1000	9.75E+02	95%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T04-C	1	1.97E+01		1.97E+01	1.63	1.00	3.18					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T05-C	1	1.79E+01		1.79E+01	3.01	1.00	3.18					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T06-C	1	1.56E+01		1.56E+01	3.08	1.00	3.18					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T07-C	1	1.54E+01		1.54E+01	7.77	1.00	3.18					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T08-C	1	1.81E+01		1.81E+01	6.03	1.00	3.18					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-T09-C	1	1.83E+01		1.83E+01	12.33	1.00	3.18					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Al	JaFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	22.92	1.00	3.18					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	JaFS-L11-1314-T01-A	1	3.75E+00	U1/2	3.75E+00	7.76	7.50	23.90					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T02-A	1	3.75E+00	U1/2	3.75E+00	15.35	7.50	23.90					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T03-A	1	3.75E+00	U1/2	3.75E+00	3.56	7.50	23.90	10000	1000	9.21E+02	92%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T04-A	1	3.75E+00	U1/2	3.75E+00	1.67	7.50	23.90					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T05-A	1	3.75E+00	U1/2	3.75E+00	3.20	7.50	23.90					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T06-A	1	3.75E+00	U1/2	3.75E+00	3.95	7.50	23.90					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T07-A	1	3.75E+00	U1/2	3.75E+00	9.09	7.50	23.90					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T08-A	1	3.75E+00	U1/2	3.75E+00	4.93	7.50	23.90					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T09-A	1	3.75E+00	U1/2	3.75E+00	11.27	7.50	23.90					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T01-B	1	3.75E+00	U1/2	3.75E+00	4.32	7.50	23.90					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T02-B	1	3.75E+00	U1/2	3.75E+00	3.77	7.50	23.90					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T03-B	1	3.75E+00	U1/2	3.75E+00	7.07	7.50	23.90	10000	1000	1.12E+03	111%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T04-B	1	3.75E+00	U1/2	3.75E+00	5.07	7.50	23.90					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T05-B	1	3.75E+00	U1/2	3.75E+00	8.59	7.50	23.90					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T06-B	1	3.75E+00	U1/2	3.75E+00	3.40	7.50	23.90					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T07-B	1	3.75E+00	U1/2	3.75E+00	10.67	7.50	23.90					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T08-B	1	3.75E+00	U1/2	3.75E+00	8.27	7.50	23.90					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T09-B	1	3.75E+00	U1/2	3.75E+00	8.05	7.50	23.90					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T01-C	1	3.75E+00	U1/2	3.75E+00	9.62	7.50	23.90					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T02-C	1	3.75E+00	U1/2	3.75E+00	2.88	7.50	23.90					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T03-C	1	3.75E+00	U1/2	3.75E+00	4.95	7.50	23.90	10000	1000	1.02E+03	102%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T04-C	1	3.75E+00	U1/2	3.75E+00	10.88	7.50	23.90					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T05-C	1	3.75E+00	U1/2	3.75E+00	6.46	7.50	23.90					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T06-C	1	3.75E+00	U1/2	3.75E+00	10.86	7.50	23.90					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T07-C	1	3.75E+00	U1/2	3.75E+00	6.18	7.50	23.90					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T08-C	1	3.75E+00	U1/2	3.75E+00	12.53	7.50	23.90					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-T09-C	1	3.75E+00	U1/2	3.75E+00	17.03	7.50	23.90					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Sb	JaFS-L11-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	20.20	7.50	23.90					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	JaFS-L11-1314-T01-A	1	5.50E+00	U1/2	5.50E+00	2.68	11.00	35.00					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T02-A	1	5.50E+00	U1/2	5.50E+00	0.38	11.00	35.00					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T03-A	1	5.50E+00	U1/2	5.50E+00	4.05	11.00	35.00	10000	1000	9.23E+02	92%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T04-A	1	5.50E+00	U1/2	5.50E+00	2.60	11.00	35.00					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T05-A	1	5.50E+00	U1/2	5.50E+00	1.76	11.00	35.00					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T06-A	1	5.50E+00	U1/2	5.50E+00	2.31	11.00	35.00					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T07-A	1	5.50E+00	U1/2	5.50E+00	1.72	11.00	35.00					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T08-A	1	5.50E+00	U1/2	5.50E+00	4.71	11.00	35.00					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T09-A	1	5.50E+00	U1/2	5.50E+00	3.42	11.00	35.00					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T01-B	1	5.50E+00	U1/2	5.50E+00	3.36	11.00	35.00					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T02-B	1	5.50E+00	U1/2	5.50E+00	3.29	11.00	35.00					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T03-B	1	5.50E+00	U1/2	5.50E+00	0.22	11.00	35.00	10000	1000	1.14E+03	113%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T04-B	1	5.50E+00	U1/2	5.50E+00	3.14	11.00	35.00					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T05-B	1	5.50E+00	U1/2	5.50E+00	4.19	11.00	35.00					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T06-B	1	5.50E+00	U1/2	5.50E+00	2.23	11.00	35.00					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T07-B	1	5.50E+00	U1/2	5.50E+00	1.87	11.00	35.00					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T08-B	1	5.50E+00	U1/2	5.50E+00	3.47	11.00	35.00					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T09-B	1	5.50E+00	U1/2	5.50E+00	1.37	11.00	35.00					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T01-C	1	5.50E+00	U1/2	5.50E+00	3.24	11.00	35.00					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T02-C	1	5.50E+00	U1/2	5.50E+00	2.04	11.00	35.00					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T03-C	1	5.50E+00	U1/2	5.50E+00	1.48	11.00	35.00	10000	1000	1.05E+03	104%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T04-C	1	5.50E+00	U1/2	5.50E+00	1.06	11.00	35.00					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T05-C	1	5.50E+00	U1/2	5.50E+00	1.81	11.00	35.00					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T06-C	1	5.50E+00	U1/2	5.50E+00	0.93	11.00	35.00					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T07-C	1	5.50E+00	U1/2	5.50E+00	2.99	11.00	35.00					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T08-C	1	5.50E+00	U1/2	5.50E+00	2.80	11.00	35.00					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-T09-C	1	5.50E+00	U1/2	5.50E+00	2.59	11.00	35.00					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
As	JaFS-L11-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	5.20	11.00	35.00					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	JaFS-L11-1314-T01-A	1	2.09E+05		2.09E+05	0.88	1.00	3.18					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T02-A	1	5.72E+04		5.72E+04	0.55	1.00	3.18					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T03-A	1	1.91E+04		1.91E+04	0.68	1.00	3.18	10000	1000	2.00E+04	87%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T04-A	1	8.71E+03		8.71E+03	0.66	1.00	3.18					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T05-A	1	4.61E+03		4.61E+03	0.60	1.00	3.18					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T06-A	1	2.99E+03		2.99E+03	1.13	1.00	3.18					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T07-A	1	1.99E+03		1.99E+03	0.53	1.00	3.18					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T08-A	1	1.23E+03		1.23E+03	1.39	1.00	3.18					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T09-A	1	9.25E+02		9.25E+02	0.81	1.00	3.18					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T01-B	1	2.05E+05		2.05E+05	0.72	1.00	3.18					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T02-B	1	5.84E+04		5.84E+04	0.83	1.00	3.18					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T03-B	1	1.87E+04		1.87E+04	1.64	1.00	3.18	10000	1000	1.96E+04	89%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T04-B	1	8.81E+03		8.81E+03	3.57	1.00	3.18					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T05-B	1	4.49E+03		4.49E+03	1.70	1.00	3.18					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T06-B	1	3.06E+03		3.06E+03	0.53	1.00	3.18					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T07-B	1	2.01E+03		2.01E+03	0.38	1.00	3.18					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T08-B	1	1.27E+03		1.27E+03	1.07	1.00	3.18					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T09-B	1	9.09E+02		9.09E+02	0.32	1.00	3.18					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T01-C	1	2.04E+05		2.04E+05	0.84	1.00	3.18					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T02-C	1	5.61E+04		5.61E+04	1.16	1.00	3.18					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T03-C	1	1.85E+04		1.85E+04	1.50	1.00	3.18	10000	1000	1.95E+04	93%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T04-C	1	8.97E+03		8.97E+03	1.86	1.00	3.18					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T05-C	1	4.80E+03		4.80E+03	1.19	1.00	3.18					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T06-C	1	3.31E+03		3.31E+03	0.67	1.00	3.18					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T07-C	1	2.18E+03		2.18E+03	0.40	1.00	3.18					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T08-C	1	1.33E+03		1.33E+03	0.82	1.00	3.18					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-T09-C	1	8.44E+02		8.44E+02	0.07	1.00	3.18					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
B	JaFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	8.40	1.00	3.18					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	JaFS-L11-1314-T01-A	1	1.29E+02		1.29E+02	1.06	1.00	3.18					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T02-A	1	8.79E+01		8.79E+01	0.63	1.00	3.18					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T03-A	1	4.74E+01		4.74E+01	1.80	1.00	3.18	10000	1000	9.62E+02	91%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T04-A	1	3.51E+01		3.51E+01	1.34	1.00	3.18					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T05-A	1	2.98E+01		2.98E+01	0.43	1.00	3.18					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T06-A	1	2.10E+01		2.10E+01	1.67	1.00	3.18					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T07-A	1	1.78E+01		1.78E+01	3.66	1.00	3.18					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T08-A	1	1.68E+01		1.68E+01	1.04	1.00	3.18					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T09-A	1	1.05E+01		1.05E+01	4.62	1.00	3.18					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T01-B	1	1.31E+02		1.31E+02	0.98	1.00	3.18					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T02-B	1	9.04E+01		9.04E+01	0.76	1.00	3.18					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T03-B	1	4.77E+01		4.77E+01	0.75	1.00	3.18	10000	1000	9.95E+02	95%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T04-B	1	3.47E+01		3.47E+01	0.35	1.00	3.18					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T05-B	1	3.12E+01		3.12E+01	0.47	1.00	3.18					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T06-B	1	2.17E+01		2.17E+01	1.04	1.00	3.18					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T07-B	1	1.70E+01		1.70E+01	3.01	1.00	3.18					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T08-B	1	1.30E+01		1.30E+01	0.88	1.00	3.18					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T09-B	1	1.27E+01		1.27E+01	1.99	1.00	3.18					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T01-C	1	1.34E+02		1.34E+02	0.85	1.00	3.18					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T02-C	1	8.74E+01		8.74E+01	0.46	1.00	3.18					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T03-C	1	4.60E+01		4.60E+01	2.20	1.00	3.18	10000	1000	1.04E+03	99%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T04-C	1	3.37E+01		3.37E+01	2.03	1.00	3.18					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T05-C	1	2.89E+01		2.89E+01	0.40	1.00	3.18					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T06-C	1	2.07E+01		2.07E+01	1.05	1.00	3.18					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T07-C	1	1.54E+01		1.54E+01	1.03	1.00	3.18					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T08-C	1	1.36E+01		1.36E+01	0.22	1.00	3.18					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-T09-C	1	1.26E+01		1.26E+01	1.89	1.00	3.18					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Ba	JaFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	3.21	1.00	3.18					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	JaFS-L11-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	14.70	1.90	6.00					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	4.82	1.90	6.00					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	5.26	1.90	6.00	10000	1000	8.99E+02	90%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	1.54	1.90	6.00					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	9.59	1.90	6.00					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	10.23	1.90	6.00					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	6.76	1.90	6.00					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	9.47	1.90	6.00					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	8.17	1.90	6.00					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	0.72	1.90	6.00					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	17.13	1.90	6.00					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	8.47	1.90	6.00	10000	1000	1.09E+03	109%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	19.27	1.90	6.00					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	8.80	1.90	6.00					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	10.71	1.90	6.00					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	3.80	1.90	6.00					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	6.10	1.90	6.00					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	3.65	1.90	6.00					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	13.69	1.90	6.00					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	9.28	1.90	6.00					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	1.14	1.90	6.00	10000	1000	9.91E+02	99%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	3.11	1.90	6.00					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	10.78	1.90	6.00					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	5.42	1.90	6.00					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	7.87	1.90	6.00					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	8.15	1.90	6.00					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	8.15	1.90	6.00					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Be	JaFS-L11-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	14.39	1.90	6.00					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	JaFS-L11-1314-T01-A	1	1.94E+01		1.94E+01	4.66	2.20	7.00					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T02-A	1	3.59E+00	E	3.59E+00	12.86	2.20	7.00					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T03-A	1	1.10E+00	U1/2	1.10E+00	5.46	2.20	7.00	10000	1000	8.60E+02	86%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T04-A	1	1.10E+00	U1/2	1.10E+00	17.99	2.20	7.00					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T05-A	1	1.10E+00	U1/2	1.10E+00	21.65	2.20	7.00					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T06-A	1	1.10E+00	U1/2	1.10E+00	9.30	2.20	7.00					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T07-A	1	1.10E+00	U1/2	1.10E+00	4.10	2.20	7.00					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T08-A	1	1.10E+00	U1/2	1.10E+00	1.22	2.20	7.00					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T09-A	1	1.10E+00	U1/2	1.10E+00	4.54	2.20	7.00					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T01-B	1	1.80E+01		1.80E+01	3.40	2.20	7.00					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T02-B	1	3.40E+00	E	3.40E+00	7.62	2.20	7.00					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T03-B	1	1.10E+00	U1/2	1.10E+00	12.71	2.20	7.00	10000	1000	9.10E+02	91%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T04-B	1	1.10E+00	U1/2	1.10E+00	14.38	2.20	7.00					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T05-B	1	1.10E+00	U1/2	1.10E+00	18.62	2.20	7.00					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T06-B	1	1.10E+00	U1/2	1.10E+00	15.20	2.20	7.00					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T07-B	1	1.10E+00	U1/2	1.10E+00	1.46	2.20	7.00					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T08-B	1	1.10E+00	U1/2	1.10E+00	18.93	2.20	7.00					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T09-B	1	1.10E+00	U1/2	1.10E+00	8.05	2.20	7.00					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T01-C	1	1.69E+01		1.69E+01	5.92	2.20	7.00					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T02-C	1	3.12E+00	E	3.12E+00	14.47	2.20	7.00					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T03-C	1	1.10E+00	U1/2	1.10E+00	17.87	2.20	7.00	10000	1000	9.61E+02	96%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T04-C	1	1.10E+00	U1/2	1.10E+00	12.51	2.20	7.00					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T05-C	1	1.10E+00	U1/2	1.10E+00	16.12	2.20	7.00					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T06-C	1	1.10E+00	U1/2	1.10E+00	9.30	2.20	7.00					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T07-C	1	1.10E+00	U1/2	1.10E+00	9.89	2.20	7.00					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T08-C	1	1.10E+00	U1/2	1.10E+00	4.98	2.20	7.00					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-T09-C	1	1.10E+00	U1/2	1.10E+00	6.01	2.20	7.00					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Cd	JaFS-L11-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	18.40	2.20	7.00					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	JaFS-L11-1314-T01-A	1	3.30E+05		3.30E+05	0.45	2.60	8.30					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T02-A	1	3.57E+04		3.57E+04	1.29	2.60	8.30					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T03-A	1	2.02E+04		2.02E+04	0.70	2.60	8.30	10000	1000	2.11E+04	90%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T04-A	1	1.83E+04		1.83E+04	0.31	2.60	8.30					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T05-A	1	1.72E+04		1.72E+04	0.33	2.60	8.30					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T06-A	1	1.15E+04		1.15E+04	0.28	2.60	8.30					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T07-A	1	1.03E+04		1.03E+04	0.50	2.60	8.30					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T08-A	1	9.62E+03		9.62E+03	0.27	2.60	8.30					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T09-A	1	9.89E+03		9.89E+03	0.64	2.60	8.30					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T01-B	1	3.34E+05		3.34E+05	0.67	2.60	8.30					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T02-B	1	3.81E+04		3.81E+04	0.66	2.60	8.30					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T03-B	1	2.03E+04		2.03E+04	1.32	2.60	8.30	10000	1000	2.11E+04	86%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T04-B	1	1.81E+04		1.81E+04	0.31	2.60	8.30					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T05-B	1	1.68E+04		1.68E+04	0.50	2.60	8.30					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T06-B	1	1.19E+04		1.19E+04	0.38	2.60	8.30					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T07-B	1	1.04E+04		1.04E+04	0.33	2.60	8.30					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T08-B	1	9.69E+03		9.69E+03	1.04	2.60	8.30					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T09-B	1	9.78E+03		9.78E+03	0.45	2.60	8.30					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T01-C	1	3.27E+05		3.27E+05	0.38	2.60	8.30					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T02-C	1	4.03E+04		4.03E+04	0.51	2.60	8.30					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T03-C	1	2.18E+04		2.18E+04	0.53	2.60	8.30	10000	1000	2.27E+04	92%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T04-C	1	1.86E+04		1.86E+04	0.49	2.60	8.30					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T05-C	1	1.69E+04		1.69E+04	0.70	2.60	8.30					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T06-C	1	1.13E+04		1.13E+04	0.65	2.60	8.30					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T07-C	1	1.13E+04		1.13E+04	0.75	2.60	8.30					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T08-C	1	9.89E+03		9.89E+03	0.99	2.60	8.30					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-T09-C	1	1.01E+04		1.01E+04	0.92	2.60	8.30					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Ca	JaFS-L11-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	2.38	2.60	8.30					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	JaFS-L11-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	34.91	1.20	3.82					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	50.21	1.20	3.82					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	30.44	1.20	3.82	10000	1000	9.15E+02	91%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	51.24	1.20	3.82					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	33.45	1.20	3.82					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	25.41	1.20	3.82					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	49.62	1.20	3.82					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	18.96	1.20	3.82					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	20.47	1.20	3.82					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	27.06	1.20	3.82					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	7.11	1.20	3.82					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	49.93	1.20	3.82	10000	1000	9.80E+02	98%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	13.63	1.20	3.82					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	54.49	1.20	3.82					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	32.11	1.20	3.82					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	9.53	1.20	3.82					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	29.96	1.20	3.82					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	41.36	1.20	3.82					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	54.26	1.20	3.82					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	46.14	1.20	3.82					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	59.17	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	29.08	1.20	3.82					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	40.70	1.20	3.82					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	33.33	1.20	3.82					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	56.67	1.20	3.82					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	45.86	1.20	3.82					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	43.11	1.20	3.82					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Cr	JaFS-L11-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	39.18	1.20	3.82					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	JaFS-L11-1314-T01-A	1	9.00E-01	U1/2	9.00E-01	6.86	1.80	5.72					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T02-A	1	9.00E-01	U1/2	9.00E-01	6.53	1.80	5.72					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T03-A	1	9.00E-01	U1/2	9.00E-01	7.04	1.80	5.72	10000	1000	8.92E+02	89%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	1.76	1.80	5.72					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	12.32	1.80	5.72					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	14.41	1.80	5.72					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	5.09	1.80	5.72					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	6.58	1.80	5.72					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	9.24	1.80	5.72					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T01-B	1	9.00E-01	U1/2	9.00E-01	2.95	1.80	5.72					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T02-B	1	9.00E-01	U1/2	9.00E-01	7.78	1.80	5.72					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T03-B	1	9.00E-01	U1/2	9.00E-01	9.48	1.80	5.72	10000	1000	9.55E+02	95%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	3.58	1.80	5.72					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	9.86	1.80	5.72					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	7.98	1.80	5.72					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	6.42	1.80	5.72					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	5.25	1.80	5.72					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	6.03	1.80	5.72					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T01-C	1	9.00E-01	U1/2	9.00E-01	7.54	1.80	5.72					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T02-C	1	9.00E-01	U1/2	9.00E-01	4.06	1.80	5.72					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T03-C	1	9.00E-01	U1/2	9.00E-01	10.46	1.80	5.72	10000	1000	9.75E+02	97%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	6.95	1.80	5.72					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	10.51	1.80	5.72					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	5.07	1.80	5.72					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	4.34	1.80	5.72					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	1.66	1.80	5.72					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	8.00	1.80	5.72					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Co	JaFS-L11-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	12.33	1.80	5.72					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	JaFS-L11-1314-T01-A	1	1.27E+03		1.27E+03	0.91	3.70	11.80					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T02-A	1	8.45E+02		8.45E+02	0.44	3.70	11.80					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T03-A	1	5.48E+02		5.48E+02	0.84	3.70	11.80	10000	1000	1.51E+03	96%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T04-A	1	3.57E+02		3.57E+02	1.92	3.70	11.80					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T05-A	1	2.85E+02		2.85E+02	0.94	3.70	11.80					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T06-A	1	2.06E+02		2.06E+02	0.76	3.70	11.80					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T07-A	1	1.40E+02		1.40E+02	2.44	3.70	11.80					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T08-A	1	8.61E+01		8.61E+01	3.03	3.70	11.80					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T09-A	1	7.24E+01		7.24E+01	3.51	3.70	11.80					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T01-B	1	1.28E+03		1.28E+03	0.99	3.70	11.80					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T02-B	1	8.30E+02		8.30E+02	1.11	3.70	11.80					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T03-B	1	5.53E+02		5.53E+02	1.13	3.70	11.80	10000	1000	1.49E+03	94%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T04-B	1	3.63E+02		3.63E+02	0.39	3.70	11.80					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T05-B	1	2.94E+02		2.94E+02	1.32	3.70	11.80					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T06-B	1	2.14E+02		2.14E+02	0.51	3.70	11.80					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T07-B	1	1.48E+02		1.48E+02	1.00	3.70	11.80					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T08-B	1	8.56E+01		8.56E+01	2.32	3.70	11.80					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T09-B	1	6.85E+01		6.85E+01	0.60	3.70	11.80					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T01-C	1	1.28E+03		1.28E+03	0.29	3.70	11.80					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T02-C	1	8.84E+02		8.84E+02	0.44	3.70	11.80					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T03-C	1	5.11E+02		5.11E+02	0.96	3.70	11.80	10000	1000	1.52E+03	101%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T04-C	1	3.31E+02		3.31E+02	0.80	3.70	11.80					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T05-C	1	2.80E+02		2.80E+02	1.39	3.70	11.80					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T06-C	1	2.27E+02		2.27E+02	1.34	3.70	11.80					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T07-C	1	1.44E+02		1.44E+02	0.50	3.70	11.80					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T08-C	1	8.70E+01		8.70E+01	1.04	3.70	11.80					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-T09-C	1	6.55E+01		6.55E+01	1.41	3.70	11.80					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Cu	JaFS-L11-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	7.37	3.70	11.80					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	JaFS-L11-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	6.69	2.00	6.40					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	1.98	2.00	6.40					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	6.81	2.00	6.40	10000	1000	9.37E+02	94%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	0.64	2.00	6.40					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	5.69	2.00	6.40					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	7.18	2.00	6.40					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	6.43	2.00	6.40					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	1.51	2.00	6.40					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	1.01	2.00	6.40					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	5.27	2.00	6.40					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	6.62	2.00	6.40					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	2.09	2.00	6.40	10000	1000	1.04E+03	104%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	1.99	2.00	6.40					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	2.16	2.00	6.40					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	7.05	2.00	6.40					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	2.60	2.00	6.40					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	6.32	2.00	6.40					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	0.98	2.00	6.40					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	6.19	2.00	6.40					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	3.75	2.00	6.40					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	2.17	2.00	6.40	10000	1000	1.03E+03	103%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	4.74	2.00	6.40					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	2.73	2.00	6.40					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	11.33	2.00	6.40					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	0.66	2.00	6.40					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	5.12	2.00	6.40					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	5.82	2.00	6.40					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Fe	JaFS-L11-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	10.39	2.00	6.40					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	JaFS-L11-1314-T01-A	1	9.45E+01		9.45E+01	4.10	6.80	21.60					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T02-A	1	1.10E+02		1.10E+02	2.99	6.80	21.60					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T03-A	1	1.01E+02		1.01E+02	3.48	6.80	21.60	10000	1000	9.96E+02	90%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T04-A	1	8.25E+01		8.25E+01	7.40	6.80	21.60					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T05-A	1	7.92E+01		7.92E+01	4.98	6.80	21.60					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T06-A	1	4.43E+01		4.43E+01	10.87	6.80	21.60					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T07-A	1	3.85E+01		3.85E+01	1.15	6.80	21.60					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T08-A	1	2.85E+01		2.85E+01	4.31	6.80	21.60					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T09-A	1	2.89E+01		2.89E+01	0.96	6.80	21.60					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T01-B	1	9.56E+01		9.56E+01	5.24	6.80	21.60					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T02-B	1	1.25E+02		1.25E+02	7.41	6.80	21.60					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T03-B	1	1.10E+02		1.10E+02	3.11	6.80	21.60	10000	1000	1.05E+03	94%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T04-B	1	9.05E+01		9.05E+01	3.61	6.80	21.60					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T05-B	1	7.68E+01		7.68E+01	2.59	6.80	21.60					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T06-B	1	5.16E+01		5.16E+01	6.83	6.80	21.60					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T07-B	1	4.39E+01		4.39E+01	6.01	6.80	21.60					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T08-B	1	2.76E+01		2.76E+01	3.28	6.80	21.60					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T09-B	1	2.52E+01		2.52E+01	1.48	6.80	21.60					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T01-C	1	9.43E+01		9.43E+01	2.04	6.80	21.60					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T02-C	1	1.17E+02		1.17E+02	1.11	6.80	21.60					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T03-C	1	1.05E+02		1.05E+02	4.15	6.80	21.60	10000	1000	1.05E+03	95%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T04-C	1	8.32E+01		8.32E+01	2.97	6.80	21.60					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T05-C	1	7.38E+01		7.38E+01	3.02	6.80	21.60					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T06-C	1	4.64E+01		4.64E+01	4.68	6.80	21.60					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T07-C	1	3.86E+01		3.86E+01	6.00	6.80	21.60					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T08-C	1	2.65E+01		2.65E+01	5.87	6.80	21.60					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-T09-C	1	2.73E+01		2.73E+01	8.07	6.80	21.60					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Pb	JaFS-L11-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	23.59	6.80	21.60					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	JaFS-L11-1314-T01-A	1	6.73E+01		6.73E+01	2.50	1.90	6.00					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T02-A	1	9.24E+00		9.24E+00	7.82	1.90	6.00					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T03-A	1	3.51E+00	E	3.51E+00	20.55	1.90	6.00	10000	1000	9.41E+02	94%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	15.06	1.90	6.00					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	21.07	1.90	6.00					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	5.80	1.90	6.00					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	17.93	1.90	6.00					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	36.00	1.90	6.00					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	7.75	1.90	6.00					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T01-B	1	6.49E+01		6.49E+01	5.06	1.90	6.00					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T02-B	1	8.74E+00		8.74E+00	3.55	1.90	6.00					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T03-B	1	3.58E+00	E	3.58E+00	8.74	1.90	6.00	10000	1000	1.03E+03	102%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	9.46	1.90	6.00					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	23.94	1.90	6.00					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	22.95	1.90	6.00					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	20.19	1.90	6.00					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	5.40	1.90	6.00					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	17.73	1.90	6.00					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T01-C	1	6.64E+01		6.64E+01	0.74	1.90	6.00					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T02-C	1	8.65E+00		8.65E+00	18.82	1.90	6.00					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T03-C	1	3.60E+00	E	3.60E+00	16.33	1.90	6.00	10000	1000	9.96E+02	99%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	11.79	1.90	6.00					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	6.84	1.90	6.00					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	10.43	1.90	6.00					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	11.54	1.90	6.00					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	20.74	1.90	6.00					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	22.17	1.90	6.00					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Li	JaFS-L11-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	41.77	1.90	6.00					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	JaFS-L11-1314-T01-A	1	2.85E+02		2.85E+02	1.06	2.00	6.40					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T02-A	1	3.38E+01		3.38E+01	0.95	2.00	6.40					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T03-A	1	2.43E+01		2.43E+01	1.19	2.00	6.40	10000	1000	1.01E+03	98%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T04-A	1	1.60E+01		1.60E+01	0.74	2.00	6.40					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T05-A	1	1.28E+01		1.28E+01	1.48	2.00	6.40					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T06-A	1	9.34E+00		9.34E+00	1.37	2.00	6.40					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T07-A	1	8.23E+00		8.23E+00	3.83	2.00	6.40					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T08-A	1	6.94E+00		6.94E+00	1.39	2.00	6.40					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T09-A	1	6.82E+00		6.82E+00	1.28	2.00	6.40					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T01-B	1	2.89E+02		2.89E+02	0.96	2.00	6.40					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T02-B	1	3.58E+01		3.58E+01	1.97	2.00	6.40					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T03-B	1	2.47E+01		2.47E+01	2.75	2.00	6.40	10000	1000	1.03E+03	100%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T04-B	1	1.68E+01		1.68E+01	1.21	2.00	6.40					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T05-B	1	1.23E+01		1.23E+01	0.64	2.00	6.40					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T06-B	1	9.56E+00		9.56E+00	3.84	2.00	6.40					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T07-B	1	8.70E+00		8.70E+00	2.60	2.00	6.40					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T08-B	1	7.24E+00		7.24E+00	2.62	2.00	6.40					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T09-B	1	5.84E+00	E	5.84E+00	3.70	2.00	6.40					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T01-C	1	2.85E+02		2.85E+02	0.22	2.00	6.40					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T02-C	1	3.71E+01		3.71E+01	0.63	2.00	6.40					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T03-C	1	2.52E+01		2.52E+01	1.76	2.00	6.40	10000	1000	1.03E+03	101%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T04-C	1	1.59E+01		1.59E+01	0.97	2.00	6.40					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T05-C	1	1.21E+01		1.21E+01	0.59	2.00	6.40					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T06-C	1	9.74E+00		9.74E+00	1.91	2.00	6.40					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T07-C	1	7.88E+00		7.88E+00	0.47	2.00	6.40					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T08-C	1	7.37E+00		7.37E+00	0.07	2.00	6.40					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-T09-C	1	6.29E+00	E	6.29E+00	1.03	2.00	6.40					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Mn	JaFS-L11-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	4.10	2.00	6.40					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	JaFS-L11-1314-T01-A	1	6.05E+04		6.05E+04	1.07	1.00	3.18					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T02-A	1	7.50E+03		7.50E+03	1.67	1.00	3.18					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T03-A	1	2.63E+03		2.63E+03	0.54	1.00	3.18	10000	1000	3.58E+03	95%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T04-A	1	2.20E+03		2.20E+03	1.08	1.00	3.18					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T05-A	1	2.22E+03		2.22E+03	1.37	1.00	3.18					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T06-A	1	1.83E+03		1.83E+03	0.14	1.00	3.18					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T07-A	1	1.57E+03		1.57E+03	0.92	1.00	3.18					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T08-A	1	1.28E+03		1.28E+03	0.53	1.00	3.18					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T09-A	1	1.10E+03		1.10E+03	0.97	1.00	3.18					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T01-B	1	6.04E+04		6.04E+04	0.77	1.00	3.18					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T02-B	1	7.12E+03		7.12E+03	0.68	1.00	3.18					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T03-B	1	2.55E+03		2.55E+03	1.49	1.00	3.18	10000	1000	3.52E+03	97%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T04-B	1	2.18E+03		2.18E+03	0.98	1.00	3.18					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T05-B	1	2.28E+03		2.28E+03	1.67	1.00	3.18					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T06-B	1	1.86E+03		1.86E+03	0.61	1.00	3.18					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T07-B	1	1.57E+03		1.57E+03	0.47	1.00	3.18					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T08-B	1	1.21E+03		1.21E+03	0.73	1.00	3.18					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T09-B	1	1.30E+03		1.30E+03	1.34	1.00	3.18					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T01-C	1	5.84E+04		5.84E+04	0.82	1.00	3.18					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T02-C	1	7.73E+03		7.73E+03	0.83	1.00	3.18					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T03-C	1	3.06E+03		3.06E+03	0.54	1.00	3.18	10000	1000	3.98E+03	92%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T04-C	1	2.33E+03		2.33E+03	1.02	1.00	3.18					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T05-C	1	2.42E+03		2.42E+03	0.43	1.00	3.18					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T06-C	1	1.85E+03		1.85E+03	0.64	1.00	3.18					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T07-C	1	1.52E+03		1.52E+03	0.25	1.00	3.18					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T08-C	1	1.39E+03		1.39E+03	1.76	1.00	3.18					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-T09-C	1	1.40E+03		1.40E+03	1.23	1.00	3.18					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Mg	JaFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	3.30	1.00	3.18					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	JaFS-L11-1314-T01-A	1	1.53E+02		1.53E+02	0.65	1.20	3.82					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T02-A	1	4.23E+01		4.23E+01	2.46	1.20	3.82					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T03-A	1	1.90E+01		1.90E+01	6.32	1.20	3.82	10000	1000	9.62E+02	94%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T04-A	1	1.19E+01		1.19E+01	4.57	1.20	3.82					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T05-A	1	1.28E+01		1.28E+01	8.01	1.20	3.82					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T06-A	1	1.01E+01		1.01E+01	8.00	1.20	3.82					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T07-A	1	8.34E+00		8.34E+00	2.74	1.20	3.82					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T08-A	1	5.49E+00		5.49E+00	4.53	1.20	3.82					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T09-A	1	5.01E+00		5.01E+00	11.41	1.20	3.82					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T01-B	1	1.38E+02		1.38E+02	0.86	1.20	3.82					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T02-B	1	4.04E+01		4.04E+01	0.93	1.20	3.82					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T03-B	1	1.74E+01		1.74E+01	6.82	1.20	3.82	10000	1000	1.02E+03	100%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T04-B	1	1.36E+01		1.36E+01	6.23	1.20	3.82					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T05-B	1	9.17E+00		9.17E+00	10.05	1.20	3.82					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T06-B	1	9.27E+00		9.27E+00	1.44	1.20	3.82					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T07-B	1	6.53E+00		6.53E+00	1.14	1.20	3.82					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T08-B	1	4.21E+00		4.21E+00	3.86	1.20	3.82					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T09-B	1	6.00E+00		6.00E+00	9.01	1.20	3.82					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T01-C	1	1.31E+02		1.31E+02	2.73	1.20	3.82					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T02-C	1	3.79E+01		3.79E+01	1.73	1.20	3.82					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T03-C	1	1.82E+01		1.82E+01	4.84	1.20	3.82	10000	1000	1.02E+03	100%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T04-C	1	1.14E+01		1.14E+01	7.90	1.20	3.82					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T05-C	1	1.45E+01		1.45E+01	7.42	1.20	3.82					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T06-C	1	6.44E+00		6.44E+00	4.41	1.20	3.82					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T07-C	1	8.19E+00		8.19E+00	0.70	1.20	3.82					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T08-C	1	6.14E+00		6.14E+00	0.68	1.20	3.82					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-T09-C	1	5.28E+00		5.28E+00	4.49	1.20	3.82					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Mo	JaFS-L11-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	17.31	1.20	3.82					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	JaFS-L11-1314-T01-A	1	9.98E+00		9.98E+00	1.90	1.80	5.70					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T02-A	1	4.81E+00	E	4.81E+00	18.93	1.80	5.70					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T03-A	1	2.56E+00	E	2.56E+00	7.91	1.80	5.70	10000	1000	9.04E+02	90%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	2.99	1.80	5.70					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	6.78	1.80	5.70					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	25.14	1.80	5.70					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	12.35	1.80	5.70					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	12.09	1.80	5.70					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	19.45	1.80	5.70					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T01-B	1	9.64E+00		9.64E+00	2.34	1.80	5.70					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T02-B	1	5.54E+00	E	5.54E+00	4.29	1.80	5.70					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T03-B	1	2.62E+00	E	2.62E+00	23.03	1.80	5.70	10000	1000	1.01E+03	101%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	32.35	1.80	5.70					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	9.03	1.80	5.70					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	9.24	1.80	5.70					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	18.30	1.80	5.70					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	26.70	1.80	5.70					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	7.70	1.80	5.70					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T01-C	1	1.10E+01		1.10E+01	1.02	1.80	5.70					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T02-C	1	5.10E+00	E	5.10E+00	13.16	1.80	5.70					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T03-C	1	2.59E+00	E	2.59E+00	11.88	1.80	5.70	10000	1000	1.00E+03	100%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	23.85	1.80	5.70					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	16.77	1.80	5.70					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	5.98	1.80	5.70					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	12.42	1.80	5.70					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	10.91	1.80	5.70					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	5.40	1.80	5.70					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Ni	JaFS-L11-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	27.12	1.80	5.70					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	JaFS-L11-1314-T01-A	1	8.63E+01		8.63E+01	2.74	3.70	11.80					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T02-A	1	3.60E+01		3.60E+01	8.64	3.70	11.80					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T03-A	1	3.36E+01		3.36E+01	1.23	3.70	11.80	10000	1000	1.04E+03	101%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T04-A	1	3.02E+01		3.02E+01	1.57	3.70	11.80					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T05-A	1	2.48E+01		2.48E+01	1.07	3.70	11.80					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T06-A	1	2.01E+01		2.01E+01	1.95	3.70	11.80					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T07-A	1	2.80E+01		2.80E+01	2.80	3.70	11.80					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T08-A	1	3.06E+01		3.06E+01	17.10	3.70	11.80					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T09-A	1	2.58E+01		2.58E+01	8.95	3.70	11.80					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T01-B	1	7.64E+01		7.64E+01	1.25	3.70	11.80					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T02-B	1	4.11E+01		4.11E+01	2.30	3.70	11.80					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T03-B	1	3.83E+01		3.83E+01	11.65	3.70	11.80	10000	1000	1.16E+03	113%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T04-B	1	2.54E+01		2.54E+01	1.11	3.70	11.80					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T05-B	1	2.13E+01		2.13E+01	9.76	3.70	11.80					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T06-B	1	1.95E+01		1.95E+01	9.33	3.70	11.80					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T07-B	1	2.48E+01		2.48E+01	9.30	3.70	11.80					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T08-B	1	2.77E+01		2.77E+01	1.51	3.70	11.80					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T09-B	1	2.38E+01		2.38E+01	4.25	3.70	11.80					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T01-C	1	7.43E+01		7.43E+01	2.00	3.70	11.80					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T02-C	1	3.60E+01		3.60E+01	1.42	3.70	11.80					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T03-C	1	3.42E+01		3.42E+01	1.46	3.70	11.80	10000	1000	1.15E+03	111%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T04-C	1	2.94E+01		2.94E+01	3.19	3.70	11.80					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T05-C	1	2.39E+01		2.39E+01	1.07	3.70	11.80					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T06-C	1	2.09E+01		2.09E+01	1.23	3.70	11.80					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T07-C	1	2.15E+01		2.15E+01	1.21	3.70	11.80					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T08-C	1	2.59E+01		2.59E+01	1.23	3.70	11.80					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-T09-C	1	2.89E+01		2.89E+01	1.16	3.70	11.80					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
P	JaFS-L11-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	25.11	3.70	11.80					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	JaFS-L11-1314-T01-A	1	5.07E+04		5.07E+04	0.67	1.60	5.09					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T02-A	1	2.37E+04		2.37E+04	1.11	1.60	5.09					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T03-A	1	1.36E+04		1.36E+04	0.51	1.60	5.09	10000	1000	1.45E+04	90%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T04-A	1	8.94E+03		8.94E+03	0.33	1.60	5.09					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T05-A	1	7.62E+03		7.62E+03	0.14	1.60	5.09					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T06-A	1	6.33E+03		6.33E+03	0.61	1.60	5.09					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T07-A	1	5.12E+03		5.12E+03	0.50	1.60	5.09					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T08-A	1	3.47E+03		3.47E+03	0.33	1.60	5.09					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T09-A	1	2.61E+03		2.61E+03	1.22	1.60	5.09					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T01-B	1	5.60E+04		5.60E+04	0.68	1.60	5.09					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T02-B	1	2.66E+04		2.66E+04	0.92	1.60	5.09					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T03-B	1	1.38E+04		1.38E+04	1.06	1.60	5.09	10000	1000	1.46E+04	85%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T04-B	1	8.52E+03		8.52E+03	0.55	1.60	5.09					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T05-B	1	7.12E+03		7.12E+03	0.91	1.60	5.09					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T06-B	1	6.52E+03		6.52E+03	0.06	1.60	5.09					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T07-B	1	5.16E+03		5.16E+03	0.37	1.60	5.09					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T08-B	1	3.69E+03		3.69E+03	0.84	1.60	5.09					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T09-B	1	2.45E+03		2.45E+03	0.34	1.60	5.09					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T01-C	1	5.38E+04		5.38E+04	0.62	1.60	5.09					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T02-C	1	2.50E+04		2.50E+04	0.52	1.60	5.09					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T03-C	1	1.39E+04		1.39E+04	0.12	1.60	5.09	10000	1000	1.48E+04	88%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T04-C	1	8.80E+03		8.80E+03	0.34	1.60	5.09					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T05-C	1	7.46E+03		7.46E+03	0.36	1.60	5.09					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T06-C	1	6.20E+03		6.20E+03	0.55	1.60	5.09					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T07-C	1	4.98E+03		4.98E+03	0.21	1.60	5.09					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T08-C	1	3.34E+03		3.34E+03	0.89	1.60	5.09					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-T09-C	1	2.55E+03		2.55E+03	1.04	1.60	5.09					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
K	JaFS-L11-1314-B01-A	1	5.16E+00		5.16E+00	2.20	1.60	5.09					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	JaFS-L11-1314-T01-A	1	5.71E+01		5.71E+01	1.14	15.00	47.70					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T02-A	1	2.45E+01	E	2.45E+01	3.31	15.00	47.70					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T03-A	1	7.50E+00	U1/2	7.50E+00	13.64	15.00	47.70	10000	1000	9.55E+02	95%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T04-A	1	7.50E+00	U1/2	7.50E+00	6.99	15.00	47.70					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T05-A	1	7.50E+00	U1/2	7.50E+00	19.03	15.00	47.70					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T06-A	1	7.50E+00	U1/2	7.50E+00	5.17	15.00	47.70					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T07-A	1	7.50E+00	U1/2	7.50E+00	17.52	15.00	47.70					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	10.11	15.00	47.70					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	12.35	15.00	47.70					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T01-B	1	5.66E+01		5.66E+01	8.04	15.00	47.70					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T02-B	1	2.53E+01	E	2.53E+01	10.35	15.00	47.70					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T03-B	1	7.50E+00	U1/2	7.50E+00	4.11	15.00	47.70	10000	1000	9.70E+02	96%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T04-B	1	7.50E+00	U1/2	7.50E+00	5.83	15.00	47.70					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T05-B	1	7.50E+00	U1/2	7.50E+00	5.32	15.00	47.70					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T06-B	1	7.50E+00	U1/2	7.50E+00	9.90	15.00	47.70					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T07-B	1	7.50E+00	U1/2	7.50E+00	16.72	15.00	47.70					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	25.23	15.00	47.70					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	6.26	15.00	47.70					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T01-C	1	6.06E+01		6.06E+01	1.96	15.00	47.70					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T02-C	1	2.25E+01	E	2.25E+01	13.92	15.00	47.70					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T03-C	1	7.50E+00	U1/2	7.50E+00	6.06	15.00	47.70	10000	1000	1.06E+03	105%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T04-C	1	7.50E+00	U1/2	7.50E+00	6.16	15.00	47.70					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T05-C	1	7.50E+00	U1/2	7.50E+00	6.82	15.00	47.70					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T06-C	1	7.50E+00	U1/2	7.50E+00	20.61	15.00	47.70					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T07-C	1	7.50E+00	U1/2	7.50E+00	13.43	15.00	47.70					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	6.17	15.00	47.70					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	12.51	15.00	47.70					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Se	JaFS-L11-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	28.15	15.00	47.70					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	JaFS-L11-1314-T01-A	1	4.93E+03		4.93E+03	0.48	1.10	3.50					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T02-A	1	3.30E+03		3.30E+03	1.76	1.10	3.50					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T03-A	1	2.78E+03		2.78E+03	0.46	1.10	3.50	10000	1000	3.70E+03	92%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T04-A	1	2.35E+03		2.35E+03	1.21	1.10	3.50					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T05-A	1	2.04E+03		2.04E+03	0.75	1.10	3.50					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T06-A	1	1.80E+03		1.80E+03	1.01	1.10	3.50					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T07-A	1	1.74E+03		1.74E+03	0.32	1.10	3.50					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T08-A	1	1.69E+03		1.69E+03	1.11	1.10	3.50					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T09-A	1	1.87E+03		1.87E+03	1.86	1.10	3.50					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T01-B	1	4.60E+03		4.60E+03	0.64	1.10	3.50					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T02-B	1	3.24E+03		3.24E+03	0.50	1.10	3.50					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T03-B	1	2.90E+03		2.90E+03	0.69	1.10	3.50	10000	1000	3.86E+03	96%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T04-B	1	2.36E+03		2.36E+03	1.12	1.10	3.50					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T05-B	1	1.94E+03		1.94E+03	0.73	1.10	3.50					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T06-B	1	1.85E+03		1.85E+03	0.28	1.10	3.50					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T07-B	1	1.71E+03		1.71E+03	0.19	1.10	3.50					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T08-B	1	1.62E+03		1.62E+03	1.12	1.10	3.50					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T09-B	1	1.87E+03		1.87E+03	0.24	1.10	3.50					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T01-C	1	4.85E+03		4.85E+03	0.83	1.10	3.50					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T02-C	1	3.34E+03		3.34E+03	0.29	1.10	3.50					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T03-C	1	2.77E+03		2.77E+03	0.16	1.10	3.50	10000	1000	3.69E+03	92%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T04-C	1	2.43E+03		2.43E+03	0.18	1.10	3.50					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T05-C	1	2.04E+03		2.04E+03	0.54	1.10	3.50					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T06-C	1	1.86E+03		1.86E+03	0.37	1.10	3.50					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T07-C	1	1.74E+03		1.74E+03	1.28	1.10	3.50					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T08-C	1	1.60E+03		1.60E+03	0.56	1.10	3.50					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-T09-C	1	1.80E+03		1.80E+03	0.31	1.10	3.50					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Si	JaFS-L11-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	2.47	1.10	3.50					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	JaFS-L11-1314-T01-A	1	2.33E+05		2.33E+05	0.49	2.50	8.00					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T02-A	1	8.10E+04		8.10E+04	1.23	2.50	8.00					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T03-A	1	4.01E+04		4.01E+04	0.85	2.50	8.00	10000	1000	4.10E+04	87%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T04-A	1	1.64E+04		1.64E+04	0.24	2.50	8.00					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T05-A	1	9.06E+03		9.06E+03	0.78	2.50	8.00					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T06-A	1	1.49E+03		1.49E+03	0.54	2.50	8.00					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T07-A	1	1.20E+03		1.20E+03	0.75	2.50	8.00					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T08-A	1	6.37E+02		6.37E+02	0.15	2.50	8.00					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T09-A	1	4.24E+02		4.24E+02	0.74	2.50	8.00					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T01-B	1	2.44E+05		2.44E+05	1.00	2.50	8.00					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T02-B	1	8.21E+04		8.21E+04	0.85	2.50	8.00					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T03-B	1	4.35E+04		4.35E+04	0.41	2.50	8.00	10000	1000	4.44E+04	85%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T04-B	1	1.72E+04		1.72E+04	0.44	2.50	8.00					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T05-B	1	8.72E+03		8.72E+03	0.80	2.50	8.00					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T06-B	1	1.43E+03		1.43E+03	0.28	2.50	8.00					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T07-B	1	1.24E+03		1.24E+03	1.61	2.50	8.00					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T08-B	1	6.83E+02		6.83E+02	0.39	2.50	8.00					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T09-B	1	4.41E+02		4.41E+02	1.05	2.50	8.00					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T01-C	1	2.44E+05		2.44E+05	1.04	2.50	8.00					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T02-C	1	8.02E+04		8.02E+04	0.10	2.50	8.00					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T03-C	1	4.36E+04		4.36E+04	0.81	2.50	8.00	10000	1000	4.46E+04	95%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T04-C	1	1.64E+04		1.64E+04	0.23	2.50	8.00					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T05-C	1	9.71E+03		9.71E+03	1.26	2.50	8.00					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T06-C	1	1.33E+03		1.33E+03	0.46	2.50	8.00					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T07-C	1	1.13E+03		1.13E+03	0.30	2.50	8.00					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T08-C	1	6.38E+02		6.38E+02	0.84	2.50	8.00					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-T09-C	1	4.59E+02		4.59E+02	1.55	2.50	8.00					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Na	JaFS-L11-1314-B01-A	1	1.22E+01		1.22E+01	1.75	2.50	8.00					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	JaFS-L11-1314-T01-A	1	8.97E+03		8.97E+03	0.69	1.00	3.18					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T02-A	1	1.41E+03		1.41E+03	1.24	1.00	3.18					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T03-A	1	5.63E+02		5.63E+02	0.18	1.00	3.18	10000	1000	1.50E+03	93%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T04-A	1	4.11E+02		4.11E+02	1.31	1.00	3.18					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T05-A	1	4.07E+02		4.07E+02	0.26	1.00	3.18					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T06-A	1	3.48E+02		3.48E+02	0.45	1.00	3.18					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T07-A	1	3.08E+02		3.08E+02	0.69	1.00	3.18					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T08-A	1	2.79E+02		2.79E+02	0.31	1.00	3.18					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T09-A	1	2.40E+02		2.40E+02	0.90	1.00	3.18					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T01-B	1	8.89E+03		8.89E+03	1.13	1.00	3.18					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T02-B	1	1.43E+03		1.43E+03	0.96	1.00	3.18					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T03-B	1	5.40E+02		5.40E+02	0.75	1.00	3.18	10000	1000	1.45E+03	91%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T04-B	1	4.08E+02		4.08E+02	0.80	1.00	3.18					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T05-B	1	4.05E+02		4.05E+02	1.39	1.00	3.18					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T06-B	1	3.59E+02		3.59E+02	0.28	1.00	3.18					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T07-B	1	3.09E+02		3.09E+02	0.76	1.00	3.18					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T08-B	1	2.84E+02		2.84E+02	1.31	1.00	3.18					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T09-B	1	2.32E+02		2.32E+02	0.88	1.00	3.18					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T01-C	1	8.93E+03		8.93E+03	0.80	1.00	3.18					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T02-C	1	1.42E+03		1.42E+03	1.05	1.00	3.18					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T03-C	1	5.23E+02		5.23E+02	0.63	1.00	3.18	10000	1000	1.49E+03	97%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T04-C	1	4.16E+02		4.16E+02	1.65	1.00	3.18					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T05-C	1	4.10E+02		4.10E+02	1.11	1.00	3.18					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T06-C	1	3.43E+02		3.43E+02	0.60	1.00	3.18					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T07-C	1	2.94E+02		2.94E+02	0.48	1.00	3.18					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T08-C	1	2.81E+02		2.81E+02	0.61	1.00	3.18					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-T09-C	1	2.43E+02		2.43E+02	1.07	1.00	3.18					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Sr	JaFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	2.70	1.00	3.18					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	JaFS-L11-1314-T01-A	1	5.74E+05		5.74E+05	1.68	6.80	21.60					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T02-A	1	4.36E+04		4.36E+04	1.32	6.80	21.60					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T03-A	1	1.07E+04		1.07E+04	0.80	6.80	21.60	10000	1000	1.16E+04	89%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T04-A	1	7.48E+03		7.48E+03	1.14	6.80	21.60					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T05-A	1	5.75E+03		5.75E+03	0.72	6.80	21.60					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T06-A	1	3.27E+03		3.27E+03	0.65	6.80	21.60					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T07-A	1	2.63E+03		2.63E+03	1.14	6.80	21.60					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T08-A	1	2.05E+03		2.05E+03	0.59	6.80	21.60					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T09-A	1	1.89E+03		1.89E+03	0.87	6.80	21.60					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T01-B	1	5.63E+05		5.63E+05	2.30	6.80	21.60					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T02-B	1	4.49E+04		4.49E+04	1.61	6.80	21.60					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T03-B	1	1.09E+04		1.09E+04	0.63	6.80	21.60	10000	1000	1.18E+04	90%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T04-B	1	6.88E+03		6.88E+03	0.35	6.80	21.60					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T05-B	1	5.49E+03		5.49E+03	0.82	6.80	21.60					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T06-B	1	3.29E+03		3.29E+03	1.37	6.80	21.60					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T07-B	1	2.74E+03		2.74E+03	1.00	6.80	21.60					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T08-B	1	1.95E+03		1.95E+03	1.94	6.80	21.60					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T09-B	1	2.07E+03		2.07E+03	0.95	6.80	21.60					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T01-C	1	5.61E+05		5.61E+05	0.90	6.80	21.60					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T02-C	1	4.35E+04		4.35E+04	1.62	6.80	21.60					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T03-C	1	1.17E+04		1.17E+04	1.30	6.80	21.60	10000	1000	1.26E+04	92%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T04-C	1	6.89E+03		6.89E+03	0.38	6.80	21.60					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T05-C	1	5.64E+03		5.64E+03	0.44	6.80	21.60					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T06-C	1	3.48E+03		3.48E+03	0.46	6.80	21.60					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T07-C	1	2.70E+03		2.70E+03	0.74	6.80	21.60					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T08-C	1	2.02E+03		2.02E+03	0.49	6.80	21.60					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-T09-C	1	2.00E+03		2.00E+03	0.74	6.80	21.60					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
S	JaFS-L11-1314-B01-A	1	2.25E+01		2.25E+01	1.20	6.80	21.60					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	JaFS-L11-1314-T01-A	1	2.30E+00	U1/2	2.30E+00	16.35	4.60	14.60					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T02-A	1	2.30E+00	U1/2	2.30E+00	10.02	4.60	14.60					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T03-A	1	2.30E+00	U1/2	2.30E+00	5.72	4.60	14.60	10000	1000	8.66E+02	86%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T04-A	1	2.30E+00	U1/2	2.30E+00	12.14	4.60	14.60					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T05-A	1	2.30E+00	U1/2	2.30E+00	9.07	4.60	14.60					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T06-A	1	2.30E+00	U1/2	2.30E+00	9.85	4.60	14.60					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T07-A	1	2.30E+00	U1/2	2.30E+00	9.74	4.60	14.60					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T08-A	1	2.30E+00	U1/2	2.30E+00	24.42	4.60	14.60					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T09-A	1	2.30E+00	U1/2	2.30E+00	4.56	4.60	14.60					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T01-B	1	2.30E+00	U1/2	2.30E+00	17.85	4.60	14.60					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T02-B	1	2.30E+00	U1/2	2.30E+00	4.88	4.60	14.60					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T03-B	1	2.30E+00	U1/2	2.30E+00	8.13	4.60	14.60	10000	1000	9.96E+02	99%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T04-B	1	2.30E+00	U1/2	2.30E+00	7.60	4.60	14.60					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T05-B	1	2.30E+00	U1/2	2.30E+00	18.77	4.60	14.60					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T06-B	1	2.30E+00	U1/2	2.30E+00	7.80	4.60	14.60					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T07-B	1	2.30E+00	U1/2	2.30E+00	14.64	4.60	14.60					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T08-B	1	2.30E+00	U1/2	2.30E+00	5.51	4.60	14.60					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T09-B	1	2.30E+00	U1/2	2.30E+00	6.80	4.60	14.60					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T01-C	1	2.30E+00	U1/2	2.30E+00	12.35	4.60	14.60					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T02-C	1	2.30E+00	U1/2	2.30E+00	14.16	4.60	14.60					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T03-C	1	2.30E+00	U1/2	2.30E+00	25.00	4.60	14.60	10000	1000	9.60E+02	96%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T04-C	1	2.30E+00	U1/2	2.30E+00	7.43	4.60	14.60					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T05-C	1	2.30E+00	U1/2	2.30E+00	6.01	4.60	14.60					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T06-C	1	2.30E+00	U1/2	2.30E+00	4.74	4.60	14.60					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T07-C	1	2.30E+00	U1/2	2.30E+00	11.00	4.60	14.60					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T08-C	1	2.30E+00	U1/2	2.30E+00	15.12	4.60	14.60					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-T09-C	1	2.30E+00	U1/2	2.30E+00	2.62	4.60	14.60					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Tl	JaFS-L11-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	28.50	4.60	14.60					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	JaFS-L11-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	30.67	2.00	6.40					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	21.79	2.00	6.40					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	29.02	2.00	6.40	10000	1000	9.50E+02	95%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	46.28	2.00	6.40					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	41.96	2.00	6.40					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	16.26	2.00	6.40					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	71.07	2.00	6.40					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	30.01	2.00	6.40					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	58.78	2.00	6.40					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	28.87	2.00	6.40					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	51.70	2.00	6.40					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	22.84	2.00	6.40	10000	1000	1.04E+03	104%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	43.40	2.00	6.40					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	10.59	2.00	6.40					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	45.09	2.00	6.40					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	52.30	2.00	6.40					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	27.97	2.00	6.40					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	40.24	2.00	6.40					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	66.60	2.00	6.40					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	16.13	2.00	6.40					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	39.43	2.00	6.40	10000	1000	1.05E+03	105%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	58.75	2.00	6.40					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	24.62	2.00	6.40					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	27.82	2.00	6.40					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	93.65	2.00	6.40					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	80.78	2.00	6.40					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	8.07	2.00	6.40					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Ti	JaFS-L11-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	55.40	2.00	6.40					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	JaFS-L11-1314-T01-A	1	1.83E+01		1.83E+01	0.23	1.50	4.77					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T02-A	1	6.13E+00		6.13E+00	2.27	1.50	4.77					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T03-A	1	1.96E+00	E	1.96E+00	12.99	1.50	4.77	10000	1000	9.24E+02	92%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T04-A	1	7.50E-01	U1/2	7.50E-01	14.59	1.50	4.77					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T05-A	1	7.50E-01	U1/2	7.50E-01	28.53	1.50	4.77					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T06-A	1	7.50E-01	U1/2	7.50E-01	27.76	1.50	4.77					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T07-A	1	7.50E-01	U1/2	7.50E-01	7.22	1.50	4.77					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T08-A	1	7.50E-01	U1/2	7.50E-01	20.76	1.50	4.77					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T09-A	1	7.50E-01	U1/2	7.50E-01	14.39	1.50	4.77					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T01-B	1	1.67E+01		1.67E+01	2.23	1.50	4.77					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T02-B	1	6.26E+00		6.26E+00	14.38	1.50	4.77					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T03-B	1	1.94E+00	E	1.94E+00	16.08	1.50	4.77	10000	1000	1.04E+03	104%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T04-B	1	7.50E-01	U1/2	7.50E-01	9.54	1.50	4.77					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T05-B	1	7.50E-01	U1/2	7.50E-01	14.52	1.50	4.77					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T06-B	1	7.50E-01	U1/2	7.50E-01	15.39	1.50	4.77					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T07-B	1	7.50E-01	U1/2	7.50E-01	15.19	1.50	4.77					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T08-B	1	7.50E-01	U1/2	7.50E-01	22.23	1.50	4.77					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T09-B	1	7.50E-01	U1/2	7.50E-01	11.44	1.50	4.77					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T01-C	1	1.69E+01		1.69E+01	1.98	1.50	4.77					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T02-C	1	6.08E+00		6.08E+00	1.66	1.50	4.77					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T03-C	1	2.21E+00	E	2.21E+00	2.74	1.50	4.77	10000	1000	9.64E+02	96%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T04-C	1	7.50E-01	U1/2	7.50E-01	15.73	1.50	4.77					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T05-C	1	7.50E-01	U1/2	7.50E-01	11.74	1.50	4.77					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T06-C	1	7.50E-01	U1/2	7.50E-01	15.68	1.50	4.77					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T07-C	1	7.50E-01	U1/2	7.50E-01	25.46	1.50	4.77					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T08-C	1	7.50E-01	U1/2	7.50E-01	21.57	1.50	4.77					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-T09-C	1	7.50E-01	U1/2	7.50E-01	3.88	1.50	4.77					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
V	JaFS-L11-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	37.53	1.50	4.77					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	JaFS-L11-1314-T01-A	1	1.73E+03		1.73E+03	0.61	1.00	3.18					VU ICP-OES	3/6/12 12:59 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T02-A	1	4.83E+02		4.83E+02	0.58	1.00	3.18					VU ICP-OES	3/6/12 1:00 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T03-A	1	2.33E+02		2.33E+02	4.88	1.00	3.18	10000	1000	1.24E+03	101%	VU ICP-OES	3/6/12 1:02 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T04-A	1	9.83E+01		9.83E+01	0.57	1.00	3.18					VU ICP-OES	3/6/12 1:03 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T05-A	1	7.38E+01		7.38E+01	0.67	1.00	3.18					VU ICP-OES	3/6/12 1:05 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T06-A	1	4.55E+01		4.55E+01	0.91	1.00	3.18					VU ICP-OES	3/6/12 1:07 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T07-A	1	4.18E+01		4.18E+01	2.11	1.00	3.18					VU ICP-OES	3/6/12 1:08 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T08-A	1	2.28E+01		2.28E+01	0.93	1.00	3.18					VU ICP-OES	3/6/12 1:10 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T09-A	1	1.69E+01		1.69E+01	0.62	1.00	3.18					VU ICP-OES	3/6/12 1:12 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T01-B	1	1.62E+03		1.62E+03	0.58	1.00	3.18					VU ICP-OES	3/6/12 1:20 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T02-B	1	4.77E+02		4.77E+02	0.57	1.00	3.18					VU ICP-OES	3/6/12 1:22 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T03-B	1	2.59E+02		2.59E+02	6.58	1.00	3.18	10000	1000	1.25E+03	99%	VU ICP-OES	3/6/12 1:24 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T04-B	1	9.78E+01		9.78E+01	1.17	1.00	3.18					VU ICP-OES	3/6/12 1:25 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T05-B	1	7.44E+01		7.44E+01	1.11	1.00	3.18					VU ICP-OES	3/6/12 1:27 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T06-B	1	5.33E+01		5.33E+01	1.62	1.00	3.18					VU ICP-OES	3/6/12 1:28 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T07-B	1	4.61E+01		4.61E+01	1.13	1.00	3.18					VU ICP-OES	3/6/12 1:30 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T08-B	1	2.77E+01		2.77E+01	3.76	1.00	3.18					VU ICP-OES	3/6/12 1:32 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T09-B	1	2.31E+01		2.31E+01	0.95	1.00	3.18					VU ICP-OES	3/6/12 1:33 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T01-C	1	1.37E+03		1.37E+03	1.94	1.00	3.18					VU ICP-OES	3/6/12 1:35 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T02-C	1	4.74E+02		4.74E+02	0.28	1.00	3.18					VU ICP-OES	3/6/12 1:37 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T03-C	1	2.33E+02		2.33E+02	3.29	1.00	3.18	10000	1000	1.23E+03	100%	VU ICP-OES	3/6/12 1:38 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T04-C	1	9.35E+01		9.35E+01	0.88	1.00	3.18					VU ICP-OES	3/6/12 1:40 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T05-C	1	7.31E+01		7.31E+01	0.59	1.00	3.18					VU ICP-OES	3/6/12 1:42 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T06-C	1	5.49E+01		5.49E+01	1.38	1.00	3.18					VU ICP-OES	3/6/12 1:43 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T07-C	1	3.62E+01		3.62E+01	1.23	1.00	3.18					VU ICP-OES	3/6/12 1:45 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T08-C	1	2.84E+01		2.84E+01	0.69	1.00	3.18					VU ICP-OES	3/6/12 1:47 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-T09-C	1	2.32E+01		2.32E+01	2.92	1.00	3.18					VU ICP-OES	3/6/12 1:48 PM	EPA Interlab L11 1314 JaFS
Zn	JaFS-L11-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	4.40	1.00	3.18					VU ICP-OES	3/6/12 12:57 PM	EPA Interlab L11 1314 JaFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	JaFS-L14-1314-T01-A	1	6.41E+01		6.41E+01	0.72	1.00	3.18					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T02-A	1	3.63E+01		3.63E+01	0.25	1.00	3.18					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T03-A	1	1.94E+01		1.94E+01	6.78	1.00	3.18	10000	1000	1.08E+03	107%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T04-A	1	1.77E+01		1.77E+01	4.65	1.00	3.18					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T05-A	1	1.67E+01		1.67E+01	10.49	1.00	3.18					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T06-A	1	1.68E+01		1.68E+01	7.88	1.00	3.18					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T07-A	1	1.49E+01		1.49E+01	5.62	1.00	3.18					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T08-A	1	1.48E+01		1.48E+01	7.08	1.00	3.18					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T09-A	1	1.48E+01		1.48E+01	7.59	1.00	3.18					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T01-B	1	6.48E+01		6.48E+01	2.83	1.00	3.18					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T02-B	1	4.14E+01		4.14E+01	4.78	1.00	3.18					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T03-B	1	2.12E+01		2.12E+01	1.92	1.00	3.18	10000	1000	1.04E+03	102%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T04-B	1	1.98E+01		1.98E+01	5.60	1.00	3.18					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T05-B	1	1.85E+01		1.85E+01	3.79	1.00	3.18					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T06-B	1	1.77E+01		1.77E+01	4.35	1.00	3.18					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T07-B	1	1.75E+01		1.75E+01	8.65	1.00	3.18					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T08-B	1	1.69E+01		1.69E+01	3.32	1.00	3.18					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T09-B	1	1.61E+01		1.61E+01	5.04	1.00	3.18					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T01-C	1	6.69E+01		6.69E+01	3.26	1.00	3.18					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T02-C	1	3.11E+01		3.11E+01	2.02	1.00	3.18					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T03-C	1	1.95E+01		1.95E+01	4.25	1.00	3.18	10000	1000	1.05E+03	103%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T04-C	1	1.81E+01		1.81E+01	9.04	1.00	3.18					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T05-C	1	1.78E+01		1.78E+01	2.47	1.00	3.18					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T06-C	1	1.77E+01		1.77E+01	6.15	1.00	3.18					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T07-C	1	1.62E+01		1.62E+01	5.01	1.00	3.18					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T08-C	1	1.59E+01		1.59E+01	3.56	1.00	3.18					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-T09-C	1	1.52E+01		1.52E+01	5.14	1.00	3.18					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Al	JaFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	12.78	1.00	3.18					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	JaFS-L14-1314-T01-A	1	3.75E+00	U1/2	3.75E+00	38.38	7.50	23.90					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T02-A	1	3.75E+00	U1/2	3.75E+00	41.22	7.50	23.90					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T03-A	1	3.75E+00	U1/2	3.75E+00	46.43	7.50	23.90	10000	1000	1.05E+03	105%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T04-A	1	3.75E+00	U1/2	3.75E+00	36.26	7.50	23.90					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T05-A	1	3.75E+00	U1/2	3.75E+00	27.71	7.50	23.90					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T06-A	1	3.75E+00	U1/2	3.75E+00	14.68	7.50	23.90					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T07-A	1	3.75E+00	U1/2	3.75E+00	31.36	7.50	23.90					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T08-A	1	3.75E+00	U1/2	3.75E+00	40.47	7.50	23.90					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T09-A	1	3.75E+00	U1/2	3.75E+00	16.68	7.50	23.90					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T01-B	1	3.75E+00	U1/2	3.75E+00	38.03	7.50	23.90					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T02-B	1	3.75E+00	U1/2	3.75E+00	44.07	7.50	23.90					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T03-B	1	3.75E+00	U1/2	3.75E+00	40.75	7.50	23.90	10000	1000	9.88E+02	98%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T04-B	1	3.75E+00	U1/2	3.75E+00	10.31	7.50	23.90					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T05-B	1	3.75E+00	U1/2	3.75E+00	50.00	7.50	23.90					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T06-B	1	3.75E+00	U1/2	3.75E+00	14.67	7.50	23.90					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T07-B	1	3.75E+00	U1/2	3.75E+00	28.94	7.50	23.90					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T08-B	1	3.75E+00	U1/2	3.75E+00	41.05	7.50	23.90					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T09-B	1	3.75E+00	U1/2	3.75E+00	29.54	7.50	23.90					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T01-C	1	3.75E+00	U1/2	3.75E+00	40.88	7.50	23.90					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T02-C	1	3.75E+00	U1/2	3.75E+00	37.31	7.50	23.90					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T03-C	1	3.75E+00	U1/2	3.75E+00	32.88	7.50	23.90	10000	1000	1.02E+03	101%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T04-C	1	3.75E+00	U1/2	3.75E+00	27.93	7.50	23.90					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T05-C	1	3.75E+00	U1/2	3.75E+00	15.85	7.50	23.90					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T06-C	1	3.75E+00	U1/2	3.75E+00	50.22	7.50	23.90					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T07-C	1	3.75E+00	U1/2	3.75E+00	16.57	7.50	23.90					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T08-C	1	3.75E+00	U1/2	3.75E+00	61.68	7.50	23.90					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-T09-C	1	3.75E+00	U1/2	3.75E+00	16.87	7.50	23.90					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Sb	JaFS-L14-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	35.30	7.50	23.90					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	JaFS-L14-1314-T01-A	1	5.50E+00	U1/2	5.50E+00	20.32	11.00	35.00					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T02-A	1	5.50E+00	U1/2	5.50E+00	15.28	11.00	35.00					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T03-A	1	5.50E+00	U1/2	5.50E+00	13.61	11.00	35.00	10000	1000	1.06E+03	105%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T04-A	1	5.50E+00	U1/2	5.50E+00	34.62	11.00	35.00					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T05-A	1	5.50E+00	U1/2	5.50E+00	14.35	11.00	35.00					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T06-A	1	5.50E+00	U1/2	5.50E+00	31.85	11.00	35.00					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T07-A	1	5.50E+00	U1/2	5.50E+00	9.92	11.00	35.00					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T08-A	1	5.50E+00	U1/2	5.50E+00	22.15	11.00	35.00					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T09-A	1	5.50E+00	U1/2	5.50E+00	34.18	11.00	35.00					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T01-B	1	5.50E+00	U1/2	5.50E+00	21.13	11.00	35.00					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T02-B	1	5.50E+00	U1/2	5.50E+00	28.91	11.00	35.00					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T03-B	1	5.50E+00	U1/2	5.50E+00	19.71	11.00	35.00	10000	1000	1.01E+03	100%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T04-B	1	5.50E+00	U1/2	5.50E+00	24.56	11.00	35.00					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T05-B	1	5.50E+00	U1/2	5.50E+00	30.01	11.00	35.00					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T06-B	1	5.50E+00	U1/2	5.50E+00	20.17	11.00	35.00					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T07-B	1	5.50E+00	U1/2	5.50E+00	15.95	11.00	35.00					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T08-B	1	5.50E+00	U1/2	5.50E+00	47.81	11.00	35.00					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T09-B	1	5.50E+00	U1/2	5.50E+00	44.66	11.00	35.00					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T01-C	1	5.50E+00	U1/2	5.50E+00	47.84	11.00	35.00					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T02-C	1	5.50E+00	U1/2	5.50E+00	40.80	11.00	35.00					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T03-C	1	5.50E+00	U1/2	5.50E+00	29.96	11.00	35.00	10000	1000	1.03E+03	102%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T04-C	1	5.50E+00	U1/2	5.50E+00	47.50	11.00	35.00					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T05-C	1	5.50E+00	U1/2	5.50E+00	36.39	11.00	35.00					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T06-C	1	5.50E+00	U1/2	5.50E+00	24.36	11.00	35.00					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T07-C	1	5.50E+00	U1/2	5.50E+00	42.14	11.00	35.00					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T08-C	1	5.50E+00	U1/2	5.50E+00	12.72	11.00	35.00					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-T09-C	1	5.50E+00	U1/2	5.50E+00	21.92	11.00	35.00					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
As	JaFS-L14-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	27.91	11.00	35.00					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	JaFS-L14-1314-T01-A	1	1.76E+05		1.76E+05	0.84	1.00	3.18					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T02-A	1	6.42E+04		6.42E+04	1.76	1.00	3.18					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T03-A	1	1.94E+04		1.94E+04	1.53	1.00	3.18	10000	1000	2.02E+04	87%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T04-A	1	9.12E+03		9.12E+03	1.12	1.00	3.18					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T05-A	1	5.78E+03		5.78E+03	0.58	1.00	3.18					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T06-A	1	2.86E+03		2.86E+03	1.37	1.00	3.18					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T07-A	1	1.73E+03		1.73E+03	1.30	1.00	3.18					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T08-A	1	1.20E+03		1.20E+03	1.10	1.00	3.18					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T09-A	1	8.03E+02		8.03E+02	1.76	1.00	3.18					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T01-B	1	1.70E+05		1.70E+05	1.42	1.00	3.18					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T02-B	1	7.42E+04		7.42E+04	0.47	1.00	3.18					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T03-B	1	2.42E+04		2.42E+04	1.41	1.00	3.18	10000	1000	2.52E+04	94%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T04-B	1	1.04E+04		1.04E+04	1.55	1.00	3.18					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T05-B	1	6.26E+03		6.26E+03	4.05	1.00	3.18					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T06-B	1	2.99E+03		2.99E+03	4.48	1.00	3.18					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T07-B	1	1.85E+03		1.85E+03	1.34	1.00	3.18					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T08-B	1	1.26E+03		1.26E+03	0.87	1.00	3.18					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T09-B	1	8.28E+02		8.28E+02	0.54	1.00	3.18					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T01-C	1	1.78E+05		1.78E+05	0.86	1.00	3.18					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T02-C	1	5.84E+04		5.84E+04	1.27	1.00	3.18					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T03-C	1	1.66E+04		1.66E+04	0.69	1.00	3.18	10000	1000	1.76E+04	93%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T04-C	1	8.01E+03		8.01E+03	2.84	1.00	3.18					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T05-C	1	5.11E+03		5.11E+03	0.68	1.00	3.18					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T06-C	1	2.58E+03		2.58E+03	0.84	1.00	3.18					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T07-C	1	1.59E+03		1.59E+03	2.39	1.00	3.18					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T08-C	1	1.05E+03		1.05E+03	2.30	1.00	3.18					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-T09-C	1	5.73E+02		5.73E+02	1.01	1.00	3.18					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
B	JaFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	4.69	1.00	3.18					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	JaFS-L14-1314-T01-A	1	1.10E+02		1.10E+02	0.50	1.00	3.18					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T02-A	1	6.88E+01		6.88E+01	2.94	1.00	3.18					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T03-A	1	4.25E+01		4.25E+01	0.41	1.00	3.18	10000	1000	1.05E+03	101%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T04-A	1	2.61E+01		2.61E+01	0.28	1.00	3.18					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T05-A	1	2.60E+01		2.60E+01	1.91	1.00	3.18					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T06-A	1	2.75E+01		2.75E+01	1.03	1.00	3.18					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T07-A	1	2.07E+01		2.07E+01	1.82	1.00	3.18					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T08-A	1	1.60E+01		1.60E+01	1.02	1.00	3.18					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T09-A	1	1.20E+01		1.20E+01	2.35	1.00	3.18					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T01-B	1	1.11E+02		1.11E+02	1.55	1.00	3.18					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T02-B	1	8.14E+01		8.14E+01	0.54	1.00	3.18					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T03-B	1	6.83E+01		6.83E+01	1.67	1.00	3.18	10000	1000	1.03E+03	97%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T04-B	1	3.47E+01		3.47E+01	0.64	1.00	3.18					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T05-B	1	3.43E+01		3.43E+01	5.66	1.00	3.18					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T06-B	1	3.38E+01		3.38E+01	4.47	1.00	3.18					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T07-B	1	2.48E+01		2.48E+01	0.94	1.00	3.18					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T08-B	1	1.99E+01		1.99E+01	1.77	1.00	3.18					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T09-B	1	1.47E+01		1.47E+01	3.13	1.00	3.18					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T01-C	1	1.08E+02		1.08E+02	0.50	1.00	3.18					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T02-C	1	7.63E+01		7.63E+01	2.21	1.00	3.18					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T03-C	1	4.27E+01		4.27E+01	2.45	1.00	3.18	10000	1000	1.02E+03	98%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T04-C	1	2.89E+01		2.89E+01	1.89	1.00	3.18					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T05-C	1	2.98E+01		2.98E+01	0.27	1.00	3.18					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T06-C	1	2.90E+01		2.90E+01	2.32	1.00	3.18					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T07-C	1	2.05E+01		2.05E+01	1.82	1.00	3.18					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T08-C	1	1.47E+01		1.47E+01	0.78	1.00	3.18					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-T09-C	1	1.09E+01		1.09E+01	2.30	1.00	3.18					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Ba	JaFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	27.31	1.00	3.18					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	JaFS-L14-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	37.76	1.90	6.00					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	63.78	1.90	6.00					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	52.93	1.90	6.00	10000	1000	1.09E+03	109%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	36.08	1.90	6.00					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	14.06	1.90	6.00					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	22.77	1.90	6.00					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	71.92	1.90	6.00					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	11.35	1.90	6.00					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	38.19	1.90	6.00					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	10.84	1.90	6.00					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	18.74	1.90	6.00					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	39.24	1.90	6.00	10000	1000	1.03E+03	103%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	19.80	1.90	6.00					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	36.10	1.90	6.00					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	51.46	1.90	6.00					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	74.12	1.90	6.00					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	17.15	1.90	6.00					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	50.44	1.90	6.00					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	14.33	1.90	6.00					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	66.75	1.90	6.00					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	55.47	1.90	6.00	10000	1000	1.06E+03	106%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	25.39	1.90	6.00					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	7.63	1.90	6.00					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	6.99	1.90	6.00					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	41.53	1.90	6.00					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	54.46	1.90	6.00					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	33.83	1.90	6.00					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Be	JaFS-L14-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	9.86	1.90	6.00					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	JaFS-L14-1314-T01-A	1	1.76E+01		1.76E+01	1.98	2.20	7.00					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T02-A	1	3.40E+00	E	3.40E+00	0.34	2.20	7.00					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T03-A	1	1.10E+00	U1/2	1.10E+00	3.89	2.20	7.00	10000	1000	1.12E+03	111%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T04-A	1	1.10E+00	U1/2	1.10E+00	18.28	2.20	7.00					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T05-A	1	1.10E+00	U1/2	1.10E+00	13.85	2.20	7.00					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T06-A	1	1.10E+00	U1/2	1.10E+00	29.00	2.20	7.00					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T07-A	1	1.10E+00	U1/2	1.10E+00	38.68	2.20	7.00					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T08-A	1	1.10E+00	U1/2	1.10E+00	10.01	2.20	7.00					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T09-A	1	1.10E+00	U1/2	1.10E+00	21.82	2.20	7.00					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T01-B	1	1.84E+01		1.84E+01	0.62	2.20	7.00					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T02-B	1	4.86E+00	E	4.86E+00	1.13	2.20	7.00					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T03-B	1	1.10E+00	U1/2	1.10E+00	14.63	2.20	7.00	10000	1000	1.05E+03	105%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T04-B	1	1.10E+00	U1/2	1.10E+00	16.78	2.20	7.00					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T05-B	1	1.10E+00	U1/2	1.10E+00	35.31	2.20	7.00					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T06-B	1	1.10E+00	U1/2	1.10E+00	26.98	2.20	7.00					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T07-B	1	1.10E+00	U1/2	1.10E+00	20.55	2.20	7.00					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T08-B	1	1.10E+00	U1/2	1.10E+00	14.94	2.20	7.00					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T09-B	1	1.10E+00	U1/2	1.10E+00	24.03	2.20	7.00					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T01-C	1	1.85E+01		1.85E+01	0.87	2.20	7.00					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T02-C	1	3.36E+00	E	3.36E+00	1.98	2.20	7.00					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T03-C	1	1.10E+00	U1/2	1.10E+00	11.44	2.20	7.00	10000	1000	1.09E+03	109%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T04-C	1	1.10E+00	U1/2	1.10E+00	9.54	2.20	7.00					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T05-C	1	1.10E+00	U1/2	1.10E+00	16.51	2.20	7.00					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T06-C	1	1.10E+00	U1/2	1.10E+00	18.24	2.20	7.00					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T07-C	1	1.10E+00	U1/2	1.10E+00	25.04	2.20	7.00					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T08-C	1	1.10E+00	U1/2	1.10E+00	24.21	2.20	7.00					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-T09-C	1	1.10E+00	U1/2	1.10E+00	50.53	2.20	7.00					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Cd	JaFS-L14-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	47.10	2.20	7.00					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	JaFS-L14-1314-T01-A	1	3.39E+05		3.39E+05	0.19	2.60	8.30					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T02-A	1	5.70E+04		5.70E+04	1.97	2.60	8.30					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T03-A	1	1.54E+04		1.54E+04	1.66	2.60	8.30	10000	1000	1.63E+04	89%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T04-A	1	1.48E+04		1.48E+04	0.32	2.60	8.30					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T05-A	1	1.57E+04		1.57E+04	1.67	2.60	8.30					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T06-A	1	1.33E+04		1.33E+04	0.54	2.60	8.30					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T07-A	1	1.16E+04		1.16E+04	1.02	2.60	8.30					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T08-A	1	1.02E+04		1.02E+04	0.81	2.60	8.30					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T09-A	1	9.24E+03		9.24E+03	1.30	2.60	8.30					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T01-B	1	3.15E+05		3.15E+05	1.15	2.60	8.30					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T02-B	1	8.00E+04		8.00E+04	1.10	2.60	8.30					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T03-B	1	1.88E+04		1.88E+04	0.89	2.60	8.30	10000	1000	1.98E+04	94%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T04-B	1	1.76E+04		1.76E+04	0.45	2.60	8.30					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T05-B	1	1.78E+04		1.78E+04	5.13	2.60	8.30					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T06-B	1	1.46E+04		1.46E+04	4.80	2.60	8.30					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T07-B	1	1.31E+04		1.31E+04	0.62	2.60	8.30					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T08-B	1	1.15E+04		1.15E+04	0.67	2.60	8.30					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T09-B	1	1.07E+04		1.07E+04	1.06	2.60	8.30					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T01-C	1	3.29E+05		3.29E+05	0.34	2.60	8.30					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T02-C	1	5.33E+04		5.33E+04	1.70	2.60	8.30					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T03-C	1	1.57E+04		1.57E+04	2.34	2.60	8.30	10000	1000	1.66E+04	95%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T04-C	1	1.59E+04		1.59E+04	2.10	2.60	8.30					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T05-C	1	1.61E+04		1.61E+04	1.37	2.60	8.30					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T06-C	1	1.31E+04		1.31E+04	1.31	2.60	8.30					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T07-C	1	1.11E+04		1.11E+04	1.81	2.60	8.30					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T08-C	1	9.64E+03		9.64E+03	0.68	2.60	8.30					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-T09-C	1	8.13E+03		8.13E+03	1.89	2.60	8.30					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Ca	JaFS-L14-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	5.95	2.60	8.30					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	JaFS-L14-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	31.35	1.20	3.82					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	31.93	1.20	3.82					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	19.87	1.20	3.82	10000	1000	1.02E+03	102%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	25.30	1.20	3.82					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	40.23	1.20	3.82					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	73.25	1.20	3.82					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	39.25	1.20	3.82					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	15.98	1.20	3.82					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	50.46	1.20	3.82					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	21.72	1.20	3.82					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	60.15	1.20	3.82					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	12.97	1.20	3.82	10000	1000	9.66E+02	97%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	10.26	1.20	3.82					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	44.57	1.20	3.82					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	41.64	1.20	3.82					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	24.55	1.20	3.82					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	51.56	1.20	3.82					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	49.87	1.20	3.82					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	35.53	1.20	3.82					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	51.79	1.20	3.82					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	22.69	1.20	3.82	10000	1000	9.82E+02	98%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	7.57	1.20	3.82					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	41.47	1.20	3.82					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	34.86	1.20	3.82					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	53.95	1.20	3.82					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	32.37	1.20	3.82					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	24.35	1.20	3.82					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Cr	JaFS-L14-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	10.03	1.20	3.82					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	JaFS-L14-1314-T01-A	1	9.00E-01	U1/2	9.00E-01	24.09	1.80	5.72					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T02-A	1	9.00E-01	U1/2	9.00E-01	46.30	1.80	5.72					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T03-A	1	9.00E-01	U1/2	9.00E-01	22.19	1.80	5.72	10000	1000	9.63E+02	96%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	18.55	1.80	5.72					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	44.36	1.80	5.72					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	33.35	1.80	5.72					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	15.14	1.80	5.72					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	22.86	1.80	5.72					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	11.96	1.80	5.72					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T01-B	1	9.00E-01	U1/2	9.00E-01	47.91	1.80	5.72					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T02-B	1	9.00E-01	U1/2	9.00E-01	24.80	1.80	5.72					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T03-B	1	9.00E-01	U1/2	9.00E-01	47.75	1.80	5.72	10000	1000	9.09E+02	91%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	1.91	1.80	5.72					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	50.81	1.80	5.72					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	51.91	1.80	5.72					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	13.63	1.80	5.72					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	38.10	1.80	5.72					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	46.63	1.80	5.72					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T01-C	1	9.00E-01	U1/2	9.00E-01	33.23	1.80	5.72					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T02-C	1	9.00E-01	U1/2	9.00E-01	52.52	1.80	5.72					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T03-C	1	9.00E-01	U1/2	9.00E-01	46.55	1.80	5.72	10000	1000	9.27E+02	93%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	11.58	1.80	5.72					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	18.09	1.80	5.72					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	9.22	1.80	5.72					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	20.18	1.80	5.72					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	62.13	1.80	5.72					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	19.82	1.80	5.72					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Co	JaFS-L14-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	52.81	1.80	5.72					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	JaFS-L14-1314-T01-A	1	1.84E+03		1.84E+03	0.91	3.70	11.80					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T02-A	1	1.18E+03		1.18E+03	2.20	3.70	11.80					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T03-A	1	5.52E+02		5.52E+02	1.57	3.70	11.80	10000	1000	1.51E+03	96%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T04-A	1	3.37E+02		3.37E+02	0.69	3.70	11.80					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T05-A	1	2.79E+02		2.79E+02	1.01	3.70	11.80					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T06-A	1	2.06E+02		2.06E+02	0.66	3.70	11.80					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T07-A	1	1.50E+02		1.50E+02	1.36	3.70	11.80					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T08-A	1	1.12E+02		1.12E+02	1.84	3.70	11.80					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T09-A	1	8.10E+01		8.10E+01	1.32	3.70	11.80					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T01-B	1	1.40E+03		1.40E+03	0.72	3.70	11.80					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T02-B	1	9.59E+02		9.59E+02	1.05	3.70	11.80					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T03-B	1	5.39E+02		5.39E+02	0.72	3.70	11.80	10000	1000	1.60E+03	106%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T04-B	1	3.31E+02		3.31E+02	0.52	3.70	11.80					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T05-B	1	2.64E+02		2.64E+02	9.12	3.70	11.80					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T06-B	1	1.77E+02		1.77E+02	5.57	3.70	11.80					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T07-B	1	1.35E+02		1.35E+02	0.84	3.70	11.80					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T08-B	1	1.00E+02		1.00E+02	0.76	3.70	11.80					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T09-B	1	7.11E+01		7.11E+01	2.20	3.70	11.80					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T01-C	1	2.22E+03		2.22E+03	0.72	3.70	11.80					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T02-C	1	1.19E+03		1.19E+03	1.20	3.70	11.80					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T03-C	1	5.35E+02		5.35E+02	1.49	3.70	11.80	10000	1000	1.57E+03	103%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T04-C	1	3.31E+02		3.31E+02	2.30	3.70	11.80					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T05-C	1	2.81E+02		2.81E+02	1.63	3.70	11.80					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T06-C	1	1.94E+02		1.94E+02	1.01	3.70	11.80					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T07-C	1	1.37E+02		1.37E+02	1.38	3.70	11.80					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T08-C	1	1.01E+02		1.01E+02	0.85	3.70	11.80					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-T09-C	1	7.06E+01		7.06E+01	2.61	3.70	11.80					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Cu	JaFS-L14-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	43.57	3.70	11.80					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	JaFS-L14-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	6.80	2.00	6.40					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	1.90	2.00	6.40					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	9.25	2.00	6.40	10000	1000	9.76E+02	98%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	3.98	2.00	6.40					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	25.34	2.00	6.40					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	7.04	2.00	6.40					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	6.21	2.00	6.40					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	9.31	2.00	6.40					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	5.21	2.00	6.40					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	22.06	2.00	6.40					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	12.89	2.00	6.40					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	0.74	2.00	6.40	10000	1000	9.19E+02	92%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	5.76	2.00	6.40					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	6.51	2.00	6.40					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	20.58	2.00	6.40					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	14.51	2.00	6.40					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	12.28	2.00	6.40					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	12.35	2.00	6.40					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	5.33	2.00	6.40					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	9.83	2.00	6.40					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	5.00	2.00	6.40	10000	1000	9.34E+02	93%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	16.26	2.00	6.40					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	10.32	2.00	6.40					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	18.95	2.00	6.40					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	2.62	2.00	6.40					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	6.58	2.00	6.40					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	11.07	2.00	6.40					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Fe	JaFS-L14-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	2.04	2.00	6.40					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	JaFS-L14-1314-T01-A	1	1.24E+02		1.24E+02	13.00	6.80	21.60					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T02-A	1	9.51E+01		9.51E+01	6.79	6.80	21.60					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T03-A	1	8.98E+01		8.98E+01	5.50	6.80	21.60	10000	1000	1.19E+03	110%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T04-A	1	8.13E+01		8.13E+01	2.64	6.80	21.60					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T05-A	1	7.94E+01		7.94E+01	3.08	6.80	21.60					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T06-A	1	6.53E+01		6.53E+01	5.53	6.80	21.60					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T07-A	1	5.69E+01		5.69E+01	6.46	6.80	21.60					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T08-A	1	4.77E+01		4.77E+01	9.32	6.80	21.60					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T09-A	1	3.70E+01		3.70E+01	2.60	6.80	21.60					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T01-B	1	1.09E+02		1.09E+02	2.78	6.80	21.60					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T02-B	1	1.50E+02		1.50E+02	4.30	6.80	21.60					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T03-B	1	1.32E+02		1.32E+02	1.97	6.80	21.60	10000	1000	1.20E+03	107%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T04-B	1	1.12E+02		1.12E+02	0.58	6.80	21.60					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T05-B	1	1.09E+02		1.09E+02	2.20	6.80	21.60					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T06-B	1	7.88E+01		7.88E+01	1.15	6.80	21.60					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T07-B	1	7.07E+01		7.07E+01	6.32	6.80	21.60					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T08-B	1	5.53E+01		5.53E+01	1.83	6.80	21.60					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T09-B	1	4.58E+01		4.58E+01	1.16	6.80	21.60					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T01-C	1	1.31E+02		1.31E+02	1.50	6.80	21.60					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T02-C	1	1.66E+02		1.66E+02	2.89	6.80	21.60					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T03-C	1	1.13E+02		1.13E+02	2.23	6.80	21.60	10000	1000	1.22E+03	111%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T04-C	1	9.07E+01		9.07E+01	4.97	6.80	21.60					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T05-C	1	8.80E+01		8.80E+01	0.77	6.80	21.60					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T06-C	1	6.15E+01		6.15E+01	6.82	6.80	21.60					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T07-C	1	5.35E+01		5.35E+01	5.19	6.80	21.60					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T08-C	1	4.15E+01		4.15E+01	6.93	6.80	21.60					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-T09-C	1	3.12E+01		3.12E+01	5.99	6.80	21.60					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Pb	JaFS-L14-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	28.49	6.80	21.60					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	JaFS-L14-1314-T01-A	1	9.15E+01		9.15E+01	0.88	1.90	6.00					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T02-A	1	1.44E+01		1.44E+01	11.26	1.90	6.00					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T03-A	1	2.69E+00	E	2.69E+00	11.24	1.90	6.00	10000	1000	8.89E+02	89%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	41.25	1.90	6.00					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	21.18	1.90	6.00					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	44.81	1.90	6.00					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	11.25	1.90	6.00					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	36.55	1.90	6.00					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	5.66	1.90	6.00					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T01-B	1	1.05E+02		1.05E+02	2.15	1.90	6.00					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T02-B	1	1.46E+01		1.46E+01	4.62	1.90	6.00					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T03-B	1	4.84E+00	E	4.84E+00	28.22	1.90	6.00	10000	1000	8.41E+02	84%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	48.23	1.90	6.00					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	31.55	1.90	6.00					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	51.92	1.90	6.00					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	60.49	1.90	6.00					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	31.47	1.90	6.00					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	24.46	1.90	6.00					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T01-C	1	1.02E+02		1.02E+02	0.86	1.90	6.00					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T02-C	1	1.15E+01		1.15E+01	1.35	1.90	6.00					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T03-C	1	3.42E+00	E	3.42E+00	8.85	1.90	6.00	10000	1000	8.50E+02	85%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	22.47	1.90	6.00					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	38.81	1.90	6.00					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	154.83	1.90	6.00					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	29.07	1.90	6.00					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	55.77	1.90	6.00					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	29.27	1.90	6.00					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Li	JaFS-L14-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	159.91	1.90	6.00					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	JaFS-L14-1314-T01-A	1	3.05E+02		3.05E+02	0.78	2.00	6.40					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T02-A	1	3.35E+01		3.35E+01	2.84	2.00	6.40					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T03-A	1	9.56E+00		9.56E+00	2.16	2.00	6.40	10000	1000	1.05E+03	104%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T04-A	1	8.66E+00		8.66E+00	0.64	2.00	6.40					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T05-A	1	9.65E+00		9.65E+00	1.28	2.00	6.40					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T06-A	1	1.68E+01		1.68E+01	0.32	2.00	6.40					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T07-A	1	1.39E+01		1.39E+01	2.03	2.00	6.40					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T08-A	1	8.14E+00		8.14E+00	1.69	2.00	6.40					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T09-A	1	6.05E+00	E	6.05E+00	1.50	2.00	6.40					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T01-B	1	3.28E+02		3.28E+02	0.84	2.00	6.40					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T02-B	1	3.64E+01		3.64E+01	1.01	2.00	6.40					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T03-B	1	1.40E+01		1.40E+01	0.45	2.00	6.40	10000	1000	1.03E+03	102%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T04-B	1	1.20E+01		1.20E+01	0.22	2.00	6.40					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T05-B	1	1.17E+01		1.17E+01	5.97	2.00	6.40					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T06-B	1	1.81E+01		1.81E+01	4.37	2.00	6.40					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T07-B	1	1.58E+01		1.58E+01	1.27	2.00	6.40					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T08-B	1	1.06E+01		1.06E+01	0.66	2.00	6.40					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T09-B	1	7.52E+00		7.52E+00	1.90	2.00	6.40					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T01-C	1	2.98E+02		2.98E+02	0.58	2.00	6.40					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T02-C	1	3.37E+01		3.37E+01	1.16	2.00	6.40					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T03-C	1	9.25E+00		9.25E+00	1.37	2.00	6.40	10000	1000	1.02E+03	101%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T04-C	1	8.73E+00		8.73E+00	2.61	2.00	6.40					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T05-C	1	9.99E+00		9.99E+00	1.55	2.00	6.40					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T06-C	1	1.32E+01		1.32E+01	1.69	2.00	6.40					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T07-C	1	8.49E+00		8.49E+00	2.00	2.00	6.40					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T08-C	1	8.39E+00		8.39E+00	1.50	2.00	6.40					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-T09-C	1	3.72E+00	E	3.72E+00	3.11	2.00	6.40					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Mn	JaFS-L14-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	21.01	2.00	6.40					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	JaFS-L14-1314-T01-A	1	6.45E+04		6.45E+04	0.51	1.00	3.18					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T02-A	1	9.44E+03		9.44E+03	2.17	1.00	3.18					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T03-A	1	2.48E+03		2.48E+03	1.12	1.00	3.18	10000	1000	3.48E+03	100%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T04-A	1	2.31E+03		2.31E+03	0.94	1.00	3.18					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T05-A	1	2.39E+03		2.39E+03	1.33	1.00	3.18					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T06-A	1	1.92E+03		1.92E+03	1.42	1.00	3.18					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T07-A	1	1.59E+03		1.59E+03	1.20	1.00	3.18					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T08-A	1	1.31E+03		1.31E+03	3.21	1.00	3.18					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T09-A	1	1.12E+03		1.12E+03	1.01	1.00	3.18					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T01-B	1	6.26E+04		6.26E+04	0.52	1.00	3.18					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T02-B	1	1.48E+04		1.48E+04	1.45	1.00	3.18					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T03-B	1	3.34E+03		3.34E+03	0.83	1.00	3.18	10000	1000	4.34E+03	100%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T04-B	1	2.99E+03		2.99E+03	0.91	1.00	3.18					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T05-B	1	2.90E+03		2.90E+03	5.07	1.00	3.18					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T06-B	1	2.22E+03		2.22E+03	3.23	1.00	3.18					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T07-B	1	1.84E+03		1.84E+03	1.09	1.00	3.18					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T08-B	1	1.49E+03		1.49E+03	0.63	1.00	3.18					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T09-B	1	1.28E+03		1.28E+03	1.96	1.00	3.18					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T01-C	1	6.46E+04		6.46E+04	0.88	1.00	3.18					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T02-C	1	9.76E+03		9.76E+03	1.22	1.00	3.18					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T03-C	1	2.63E+03		2.63E+03	2.91	1.00	3.18	10000	1000	3.66E+03	103%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T04-C	1	2.54E+03		2.54E+03	2.13	1.00	3.18					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T05-C	1	2.50E+03		2.50E+03	1.28	1.00	3.18					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T06-C	1	1.89E+03		1.89E+03	1.81	1.00	3.18					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T07-C	1	1.48E+03		1.48E+03	0.99	1.00	3.18					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T08-C	1	1.17E+03		1.17E+03	1.01	1.00	3.18					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-T09-C	1	9.47E+02		9.47E+02	2.08	1.00	3.18					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Mg	JaFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	12.72	1.00	3.18					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	JaFS-L14-1314-T01-A	1	1.02E+02		1.02E+02	2.55	1.20	3.82					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T02-A	1	3.71E+01		3.71E+01	3.13	1.20	3.82					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T03-A	1	1.61E+01		1.61E+01	2.06	1.20	3.82	10000	1000	1.07E+03	105%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T04-A	1	1.32E+01		1.32E+01	9.37	1.20	3.82					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T05-A	1	1.05E+01		1.05E+01	3.09	1.20	3.82					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T06-A	1	6.30E+00		6.30E+00	3.69	1.20	3.82					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T07-A	1	4.60E+00		4.60E+00	2.26	1.20	3.82					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T08-A	1	3.54E+00	E	3.54E+00	4.97	1.20	3.82					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T09-A	1	2.19E+00	E	2.19E+00	16.26	1.20	3.82					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T01-B	1	9.88E+01		9.88E+01	2.10	1.20	3.82					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T02-B	1	4.47E+01		4.47E+01	2.05	1.20	3.82					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T03-B	1	1.91E+01		1.91E+01	2.79	1.20	3.82	10000	1000	1.05E+03	103%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T04-B	1	1.37E+01		1.37E+01	3.85	1.20	3.82					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T05-B	1	1.06E+01		1.06E+01	1.86	1.20	3.82					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T06-B	1	6.81E+00		6.81E+00	13.50	1.20	3.82					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T07-B	1	5.03E+00		5.03E+00	7.52	1.20	3.82					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T08-B	1	2.37E+00	E	2.37E+00	8.25	1.20	3.82					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T09-B	1	1.68E+00	E	1.68E+00	26.06	1.20	3.82					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T01-C	1	9.56E+01		9.56E+01	2.11	1.20	3.82					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T02-C	1	3.22E+01		3.22E+01	1.96	1.20	3.82					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T03-C	1	1.69E+01		1.69E+01	3.63	1.20	3.82	10000	1000	1.04E+03	103%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T04-C	1	1.20E+01		1.20E+01	5.16	1.20	3.82					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T05-C	1	9.65E+00		9.65E+00	9.52	1.20	3.82					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T06-C	1	7.10E+00		7.10E+00	4.80	1.20	3.82					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T07-C	1	3.44E+00	E	3.44E+00	12.49	1.20	3.82					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T08-C	1	2.39E+00	E	2.39E+00	13.38	1.20	3.82					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-T09-C	1	1.64E+00	E	1.64E+00	5.55	1.20	3.82					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Mo	JaFS-L14-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	11.17	1.20	3.82					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	JaFS-L14-1314-T01-A	1	7.61E+00		7.61E+00	1.22	1.80	5.70					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T02-A	1	9.00E-01	U1/2	9.00E-01	16.75	1.80	5.70					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T03-A	1	9.00E-01	U1/2	9.00E-01	32.96	1.80	5.70	10000	1000	1.07E+03	107%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	25.15	1.80	5.70					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	41.90	1.80	5.70					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	25.93	1.80	5.70					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	54.38	1.80	5.70					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	46.14	1.80	5.70					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	8.57	1.80	5.70					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T01-B	1	8.47E+00		8.47E+00	1.59	1.80	5.70					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T02-B	1	9.00E-01	U1/2	9.00E-01	25.86	1.80	5.70					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T03-B	1	9.00E-01	U1/2	9.00E-01	47.70	1.80	5.70	10000	1000	1.01E+03	101%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	36.15	1.80	5.70					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	26.16	1.80	5.70					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	9.91	1.80	5.70					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	84.83	1.80	5.70					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	46.79	1.80	5.70					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	28.09	1.80	5.70					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T01-C	1	8.51E+00		8.51E+00	1.28	1.80	5.70					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T02-C	1	9.00E-01	U1/2	9.00E-01	47.75	1.80	5.70					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T03-C	1	9.00E-01	U1/2	9.00E-01	45.07	1.80	5.70	10000	1000	1.04E+03	104%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	6.33	1.80	5.70					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	7.96	1.80	5.70					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	31.99	1.80	5.70					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	16.75	1.80	5.70					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	27.60	1.80	5.70					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	53.83	1.80	5.70					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Ni	JaFS-L14-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	33.39	1.80	5.70					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	JaFS-L14-1314-T01-A	1	1.00E+02		1.00E+02	5.89	3.70	11.80					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T02-A	1	5.95E+01		5.95E+01	2.03	3.70	11.80					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T03-A	1	6.74E+01		6.74E+01	1.76	3.70	11.80	10000	1000	1.26E+03	119%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T04-A	1	5.27E+01		5.27E+01	3.63	3.70	11.80					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T05-A	1	4.27E+01		4.27E+01	1.20	3.70	11.80					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T06-A	1	4.51E+01		4.51E+01	1.16	3.70	11.80					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T07-A	1	5.47E+01		5.47E+01	1.27	3.70	11.80					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T08-A	1	6.51E+01		6.51E+01	6.47	3.70	11.80					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T09-A	1	9.83E+01		9.83E+01	3.54	3.70	11.80					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T01-B	1	9.00E+01		9.00E+01	18.51	3.70	11.80					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T02-B	1	7.64E+01		7.64E+01	8.48	3.70	11.80					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T03-B	1	6.92E+01		6.92E+01	9.18	3.70	11.80	10000	1000	1.19E+03	113%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T04-B	1	5.14E+01		5.14E+01	0.69	3.70	11.80					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T05-B	1	4.52E+01		4.52E+01	1.62	3.70	11.80					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T06-B	1	2.66E+01		2.66E+01	1.73	3.70	11.80					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T07-B	1	5.16E+01		5.16E+01	3.64	3.70	11.80					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T08-B	1	3.72E+01		3.72E+01	2.09	3.70	11.80					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T09-B	1	7.60E+01		7.60E+01	1.77	3.70	11.80					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T01-C	1	1.33E+02		1.33E+02	9.13	3.70	11.80					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T02-C	1	6.06E+01		6.06E+01	1.18	3.70	11.80					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T03-C	1	5.10E+01		5.10E+01	1.08	3.70	11.80	10000	1000	1.21E+03	116%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T04-C	1	4.82E+01		4.82E+01	2.44	3.70	11.80					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T05-C	1	4.71E+01		4.71E+01	1.13	3.70	11.80					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T06-C	1	3.28E+01		3.28E+01	1.56	3.70	11.80					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T07-C	1	5.28E+01		5.28E+01	4.02	3.70	11.80					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T08-C	1	6.70E+01		6.70E+01	2.38	3.70	11.80					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-T09-C	1	9.49E+01		9.49E+01	16.42	3.70	11.80					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
P	JaFS-L14-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	8.32	3.70	11.80					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	JaFS-L14-1314-T01-A	1	6.39E+04		6.39E+04	0.32	1.60	5.09					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T02-A	1	1.83E+04		1.83E+04	1.94	1.60	5.09					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T03-A	1	9.90E+03		9.90E+03	1.13	1.60	5.09	10000	1000	1.07E+04	85%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T04-A	1	9.12E+03		9.12E+03	0.25	1.60	5.09					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T05-A	1	8.90E+03		8.90E+03	0.82	1.60	5.09					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T06-A	1	5.53E+03		5.53E+03	0.57	1.60	5.09					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T07-A	1	4.69E+03		4.69E+03	0.80	1.60	5.09					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T08-A	1	3.07E+03		3.07E+03	1.41	1.60	5.09					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T09-A	1	2.89E+03		2.89E+03	1.44	1.60	5.09					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T01-B	1	6.04E+04		6.04E+04	1.27	1.60	5.09					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T02-B	1	2.33E+04		2.33E+04	0.87	1.60	5.09					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T03-B	1	1.15E+04		1.15E+04	0.43	1.60	5.09	10000	1000	1.23E+04	83%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T04-B	1	9.65E+03		9.65E+03	0.14	1.60	5.09					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T05-B	1	8.48E+03		8.48E+03	5.19	1.60	5.09					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T06-B	1	5.70E+03		5.70E+03	4.92	1.60	5.09					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T07-B	1	4.21E+03		4.21E+03	0.56	1.60	5.09					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T08-B	1	3.01E+03		3.01E+03	0.84	1.60	5.09					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T09-B	1	2.31E+03		2.31E+03	0.61	1.60	5.09					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T01-C	1	5.95E+04		5.95E+04	0.22	1.60	5.09					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T02-C	1	1.67E+04		1.67E+04	1.59	1.60	5.09					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T03-C	1	9.45E+03		9.45E+03	2.30	1.60	5.09	10000	1000	1.03E+04	87%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T04-C	1	8.26E+03		8.26E+03	2.15	1.60	5.09					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T05-C	1	7.45E+03		7.45E+03	1.03	1.60	5.09					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T06-C	1	5.13E+03		5.13E+03	1.58	1.60	5.09					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T07-C	1	3.75E+03		3.75E+03	1.54	1.60	5.09					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T08-C	1	2.67E+03		2.67E+03	0.25	1.60	5.09					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-T09-C	1	1.84E+03		1.84E+03	1.70	1.60	5.09					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
K	JaFS-L14-1314-B01-A	1	5.37E+01		5.37E+01	9.29	1.60	5.09					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	JaFS-L14-1314-T01-A	1	5.80E+01		5.80E+01	5.64	15.00	47.70					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T02-A	1	2.26E+01	E	2.26E+01	8.95	15.00	47.70					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T03-A	1	1.87E+01	E	1.87E+01	3.71	15.00	47.70	10000	1000	1.08E+03	106%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T04-A	1	7.50E+00	U1/2	7.50E+00	32.80	15.00	47.70					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T05-A	1	7.50E+00	U1/2	7.50E+00	15.52	15.00	47.70					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T06-A	1	7.50E+00	U1/2	7.50E+00	16.75	15.00	47.70					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T07-A	1	7.50E+00	U1/2	7.50E+00	27.86	15.00	47.70					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	22.61	15.00	47.70					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	25.77	15.00	47.70					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T01-B	1	5.38E+01		5.38E+01	2.41	15.00	47.70					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T02-B	1	1.79E+01	E	1.79E+01	14.58	15.00	47.70					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T03-B	1	7.50E+00	U1/2	7.50E+00	10.43	15.00	47.70	10000	1000	1.01E+03	101%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T04-B	1	7.50E+00	U1/2	7.50E+00	11.39	15.00	47.70					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T05-B	1	7.50E+00	U1/2	7.50E+00	4.61	15.00	47.70					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T06-B	1	7.50E+00	U1/2	7.50E+00	27.49	15.00	47.70					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T07-B	1	7.50E+00	U1/2	7.50E+00	16.07	15.00	47.70					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	15.67	15.00	47.70					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	16.33	15.00	47.70					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T01-C	1	5.60E+01		5.60E+01	1.27	15.00	47.70					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T02-C	1	2.48E+01	E	2.48E+01	7.77	15.00	47.70					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T03-C	1	1.68E+01	E	1.68E+01	24.05	15.00	47.70	10000	1000	1.03E+03	101%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T04-C	1	7.50E+00	U1/2	7.50E+00	33.08	15.00	47.70					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T05-C	1	7.50E+00	U1/2	7.50E+00	33.18	15.00	47.70					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T06-C	1	7.50E+00	U1/2	7.50E+00	35.66	15.00	47.70					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T07-C	1	7.50E+00	U1/2	7.50E+00	46.96	15.00	47.70					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	7.85	15.00	47.70					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	21.28	15.00	47.70					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Se	JaFS-L14-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	39.44	15.00	47.70					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	JaFS-L14-1314-T01-A	1	4.42E+03		4.42E+03	0.45	1.10	3.50					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T02-A	1	3.77E+03		3.77E+03	2.41	1.10	3.50					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T03-A	1	2.55E+03		2.55E+03	1.47	1.10	3.50	10000	1000	3.45E+03	90%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T04-A	1	2.00E+03		2.00E+03	0.68	1.10	3.50					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T05-A	1	1.90E+03		1.90E+03	1.75	1.10	3.50					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T06-A	1	1.99E+03		1.99E+03	0.78	1.10	3.50					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T07-A	1	1.78E+03		1.78E+03	0.82	1.10	3.50					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T08-A	1	1.76E+03		1.76E+03	1.00	1.10	3.50					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T09-A	1	1.52E+03		1.52E+03	1.42	1.10	3.50					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T01-B	1	4.75E+03		4.75E+03	1.30	1.10	3.50					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T02-B	1	3.80E+03		3.80E+03	0.95	1.10	3.50					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T03-B	1	2.55E+03		2.55E+03	1.17	1.10	3.50	10000	1000	3.42E+03	87%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T04-B	1	2.12E+03		2.12E+03	0.69	1.10	3.50					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T05-B	1	2.07E+03		2.07E+03	7.90	1.10	3.50					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T06-B	1	1.82E+03		1.82E+03	4.00	1.10	3.50					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T07-B	1	1.87E+03		1.87E+03	1.19	1.10	3.50					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T08-B	1	1.64E+03		1.64E+03	0.93	1.10	3.50					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T09-B	1	1.59E+03		1.59E+03	0.66	1.10	3.50					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T01-C	1	4.97E+03		4.97E+03	0.43	1.10	3.50					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T02-C	1	3.66E+03		3.66E+03	2.35	1.10	3.50					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T03-C	1	2.63E+03		2.63E+03	1.13	1.10	3.50	10000	1000	3.55E+03	92%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T04-C	1	2.21E+03		2.21E+03	2.82	1.10	3.50					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T05-C	1	2.05E+03		2.05E+03	1.18	1.10	3.50					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T06-C	1	1.94E+03		1.94E+03	1.59	1.10	3.50					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T07-C	1	1.89E+03		1.89E+03	1.38	1.10	3.50					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T08-C	1	1.81E+03		1.81E+03	1.78	1.10	3.50					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-T09-C	1	1.66E+03		1.66E+03	1.66	1.10	3.50					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Si	JaFS-L14-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	8.24	1.10	3.50					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	JaFS-L14-1314-T01-A	1	1.84E+05		1.84E+05	0.22	2.50	8.00					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T02-A	1	6.54E+04		6.54E+04	0.31	2.50	8.00					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T03-A	1	2.93E+04		2.93E+04	0.46	2.50	8.00	10000	1000	3.02E+04	89%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T04-A	1	1.20E+04		1.20E+04	0.47	2.50	8.00					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T05-A	1	2.93E+03		2.93E+03	0.55	2.50	8.00					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T06-A	1	8.57E+02		8.57E+02	0.52	2.50	8.00					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T07-A	1	5.24E+02		5.24E+02	0.23	2.50	8.00					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T08-A	1	3.87E+02		3.87E+02	1.27	2.50	8.00					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T09-A	1	3.52E+02		3.52E+02	0.40	2.50	8.00					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T01-B	1	1.79E+05		1.79E+05	0.74	2.50	8.00					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T02-B	1	8.05E+04		8.05E+04	0.52	2.50	8.00					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T03-B	1	3.44E+04		3.44E+04	0.24	2.50	8.00	10000	1000	3.52E+04	87%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T04-B	1	1.35E+04		1.35E+04	0.96	2.50	8.00					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T05-B	1	4.00E+03		4.00E+03	3.05	2.50	8.00					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T06-B	1	1.03E+03		1.03E+03	2.90	2.50	8.00					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T07-B	1	5.35E+02		5.35E+02	0.28	2.50	8.00					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T08-B	1	4.03E+02		4.03E+02	0.09	2.50	8.00					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T09-B	1	3.22E+02		3.22E+02	0.71	2.50	8.00					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T01-C	1	1.83E+05		1.83E+05	0.39	2.50	8.00					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T02-C	1	6.05E+04		6.05E+04	0.16	2.50	8.00					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T03-C	1	2.66E+04		2.66E+04	1.03	2.50	8.00	10000	1000	2.75E+04	92%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T04-C	1	8.61E+03		8.61E+03	0.71	2.50	8.00					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T05-C	1	2.25E+03		2.25E+03	0.60	2.50	8.00					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T06-C	1	7.79E+02		7.79E+02	0.69	2.50	8.00					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T07-C	1	4.61E+02		4.61E+02	0.49	2.50	8.00					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T08-C	1	3.55E+02		3.55E+02	0.39	2.50	8.00					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-T09-C	1	2.62E+02		2.62E+02	0.64	2.50	8.00					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Na	JaFS-L14-1314-B01-A	1	1.25E+00	U1/2	1.25E+00	1.44	2.50	8.00					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	JaFS-L14-1314-T01-A	1	9.55E+03		9.55E+03	0.16	1.00	3.18					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T02-A	1	1.49E+03		1.49E+03	2.25	1.00	3.18					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T03-A	1	4.10E+02		4.10E+02	0.83	1.00	3.18	10000	1000	1.37E+03	96%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T04-A	1	3.93E+02		3.93E+02	1.01	1.00	3.18					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T05-A	1	4.17E+02		4.17E+02	1.38	1.00	3.18					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T06-A	1	3.39E+02		3.39E+02	0.67	1.00	3.18					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T07-A	1	2.91E+02		2.91E+02	1.09	1.00	3.18					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T08-A	1	2.48E+02		2.48E+02	1.58	1.00	3.18					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T09-A	1	2.18E+02		2.18E+02	1.38	1.00	3.18					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T01-B	1	8.89E+03		8.89E+03	1.61	1.00	3.18					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T02-B	1	2.20E+03		2.20E+03	0.69	1.00	3.18					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T03-B	1	5.21E+02		5.21E+02	1.25	1.00	3.18	10000	1000	1.44E+03	91%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T04-B	1	4.85E+02		4.85E+02	0.41	1.00	3.18					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T05-B	1	4.86E+02		4.86E+02	5.59	1.00	3.18					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T06-B	1	3.85E+02		3.85E+02	4.51	1.00	3.18					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T07-B	1	3.32E+02		3.32E+02	0.78	1.00	3.18					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T08-B	1	2.84E+02		2.84E+02	0.89	1.00	3.18					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T09-B	1	2.57E+02		2.57E+02	1.62	1.00	3.18					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T01-C	1	9.39E+03		9.39E+03	1.02	1.00	3.18					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T02-C	1	1.47E+03		1.47E+03	0.94	1.00	3.18					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T03-C	1	4.25E+02		4.25E+02	2.30	1.00	3.18	10000	1000	1.37E+03	94%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T04-C	1	4.25E+02		4.25E+02	2.07	1.00	3.18					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T05-C	1	4.27E+02		4.27E+02	1.34	1.00	3.18					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T06-C	1	3.37E+02		3.37E+02	1.50	1.00	3.18					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T07-C	1	2.75E+02		2.75E+02	0.85	1.00	3.18					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T08-C	1	2.32E+02		2.32E+02	0.65	1.00	3.18					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-T09-C	1	1.89E+02		1.89E+02	2.25	1.00	3.18					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Sr	JaFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	24.61	1.00	3.18					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	JaFS-L14-1314-T01-A	1	5.88E+05		5.88E+05	0.18	6.80	21.60					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T02-A	1	7.77E+04		7.77E+04	1.99	6.80	21.60					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T03-A	1	8.00E+03		8.00E+03	1.12	6.80	21.60	10000	1000	8.91E+03	92%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T04-A	1	5.21E+03		5.21E+03	1.14	6.80	21.60					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T05-A	1	3.92E+03		3.92E+03	1.01	6.80	21.60					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T06-A	1	2.61E+03		2.61E+03	0.77	6.80	21.60					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T07-A	1	2.17E+03		2.17E+03	2.27	6.80	21.60					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T08-A	1	1.64E+03		1.64E+03	1.19	6.80	21.60					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T09-A	1	1.25E+03		1.25E+03	3.07	6.80	21.60					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T01-B	1	5.63E+05		5.63E+05	1.11	6.80	21.60					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T02-B	1	7.60E+04		7.60E+04	1.13	6.80	21.60					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T03-B	1	1.06E+04		1.06E+04	0.70	6.80	21.60	10000	1000	1.15E+04	90%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T04-B	1	6.61E+03		6.61E+03	0.27	6.80	21.60					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T05-B	1	4.85E+03		4.85E+03	4.63	6.80	21.60					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T06-B	1	2.85E+03		2.85E+03	4.07	6.80	21.60					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T07-B	1	2.36E+03		2.36E+03	2.20	6.80	21.60					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T08-B	1	1.72E+03		1.72E+03	0.30	6.80	21.60					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T09-B	1	1.31E+03		1.31E+03	0.41	6.80	21.60					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T01-C	1	5.79E+05		5.79E+05	0.17	6.80	21.60					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T02-C	1	7.04E+04		7.04E+04	1.84	6.80	21.60					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T03-C	1	8.00E+03		8.00E+03	1.37	6.80	21.60	10000	1000	8.93E+03	93%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T04-C	1	5.02E+03		5.02E+03	2.51	6.80	21.60					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T05-C	1	4.02E+03		4.02E+03	1.85	6.80	21.60					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T06-C	1	2.56E+03		2.56E+03	0.94	6.80	21.60					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T07-C	1	2.04E+03		2.04E+03	1.62	6.80	21.60					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T08-C	1	1.48E+03		1.48E+03	2.20	6.80	21.60					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-T09-C	1	7.68E+02		7.68E+02	1.41	6.80	21.60					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
S	JaFS-L14-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	13.39	6.80	21.60					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	JaFS-L14-1314-T01-A	1	2.30E+00	U1/2	2.30E+00	23.93	4.60	14.60					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T02-A	1	2.30E+00	U1/2	2.30E+00	60.03	4.60	14.60					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T03-A	1	2.30E+00	U1/2	2.30E+00	8.41	4.60	14.60	10000	1000	1.01E+03	101%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T04-A	1	2.30E+00	U1/2	2.30E+00	19.87	4.60	14.60					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T05-A	1	2.30E+00	U1/2	2.30E+00	23.85	4.60	14.60					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T06-A	1	2.30E+00	U1/2	2.30E+00	24.82	4.60	14.60					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T07-A	1	2.30E+00	U1/2	2.30E+00	40.55	4.60	14.60					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T08-A	1	2.30E+00	U1/2	2.30E+00	36.77	4.60	14.60					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T09-A	1	2.30E+00	U1/2	2.30E+00	41.52	4.60	14.60					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T01-B	1	2.30E+00	U1/2	2.30E+00	41.19	4.60	14.60					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T02-B	1	2.30E+00	U1/2	2.30E+00	8.76	4.60	14.60					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T03-B	1	2.30E+00	U1/2	2.30E+00	29.31	4.60	14.60	10000	1000	9.50E+02	95%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T04-B	1	2.30E+00	U1/2	2.30E+00	24.81	4.60	14.60					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T05-B	1	2.30E+00	U1/2	2.30E+00	72.01	4.60	14.60					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T06-B	1	2.30E+00	U1/2	2.30E+00	41.28	4.60	14.60					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T07-B	1	2.30E+00	U1/2	2.30E+00	56.46	4.60	14.60					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T08-B	1	2.30E+00	U1/2	2.30E+00	31.73	4.60	14.60					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T09-B	1	2.30E+00	U1/2	2.30E+00	76.97	4.60	14.60					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T01-C	1	2.30E+00	U1/2	2.30E+00	28.10	4.60	14.60					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T02-C	1	2.30E+00	U1/2	2.30E+00	65.81	4.60	14.60					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T03-C	1	2.30E+00	U1/2	2.30E+00	52.15	4.60	14.60	10000	1000	9.92E+02	99%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T04-C	1	2.30E+00	U1/2	2.30E+00	27.58	4.60	14.60					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T05-C	1	2.30E+00	U1/2	2.30E+00	27.09	4.60	14.60					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T06-C	1	2.30E+00	U1/2	2.30E+00	35.31	4.60	14.60					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T07-C	1	2.30E+00	U1/2	2.30E+00	17.19	4.60	14.60					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T08-C	1	2.30E+00	U1/2	2.30E+00	46.86	4.60	14.60					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-T09-C	1	2.30E+00	U1/2	2.30E+00	47.17	4.60	14.60					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Tl	JaFS-L14-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	51.87	4.60	14.60					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	JaFS-L14-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	23.20	2.00	6.40					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	27.83	2.00	6.40					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	30.56	2.00	6.40	10000	1000	9.22E+02	92%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	22.62	2.00	6.40					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	10.27	2.00	6.40					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	23.38	2.00	6.40					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	20.47	2.00	6.40					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	20.27	2.00	6.40					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	32.38	2.00	6.40					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	33.14	2.00	6.40					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	23.20	2.00	6.40					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	30.89	2.00	6.40	10000	1000	8.66E+02	86%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	37.15	2.00	6.40					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	17.39	2.00	6.40					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	70.48	2.00	6.40					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	19.97	2.00	6.40					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	34.48	2.00	6.40					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	14.74	2.00	6.40					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	31.18	2.00	6.40					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	26.07	2.00	6.40					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	47.13	2.00	6.40	10000	1000	8.80E+02	88%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	23.46	2.00	6.40					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	37.16	2.00	6.40					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	16.14	2.00	6.40					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	20.66	2.00	6.40					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	12.20	2.00	6.40					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	30.02	2.00	6.40					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Ti	JaFS-L14-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	8.37	2.00	6.40					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	JaFS-L14-1314-T01-A	1	1.77E+01		1.77E+01	3.75	1.50	4.77					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T02-A	1	3.56E+00	E	3.56E+00	19.30	1.50	4.77					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T03-A	1	1.73E+00	E	1.73E+00	32.35	1.50	4.77	10000	1000	1.00E+03	100%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T04-A	1	7.50E-01	U1/2	7.50E-01	4.29	1.50	4.77					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T05-A	1	7.50E-01	U1/2	7.50E-01	35.01	1.50	4.77					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T06-A	1	7.50E-01	U1/2	7.50E-01	43.79	1.50	4.77					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T07-A	1	7.50E-01	U1/2	7.50E-01	51.30	1.50	4.77					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T08-A	1	7.50E-01	U1/2	7.50E-01	16.01	1.50	4.77					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T09-A	1	7.50E-01	U1/2	7.50E-01	15.82	1.50	4.77					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T01-B	1	1.71E+01		1.71E+01	4.03	1.50	4.77					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T02-B	1	5.22E+00		5.22E+00	4.77	1.50	4.77					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T03-B	1	1.50E+00	E	1.50E+00	26.14	1.50	4.77	10000	1000	9.47E+02	95%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T04-B	1	7.50E-01	U1/2	7.50E-01	23.95	1.50	4.77					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T05-B	1	7.50E-01	U1/2	7.50E-01	4.19	1.50	4.77					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T06-B	1	7.50E-01	U1/2	7.50E-01	20.13	1.50	4.77					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T07-B	1	7.50E-01	U1/2	7.50E-01	61.50	1.50	4.77					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T08-B	1	7.50E-01	U1/2	7.50E-01	35.13	1.50	4.77					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T09-B	1	7.50E-01	U1/2	7.50E-01	59.38	1.50	4.77					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T01-C	1	1.65E+01		1.65E+01	3.25	1.50	4.77					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T02-C	1	3.01E+00	E	3.01E+00	12.90	1.50	4.77					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T03-C	1	7.50E-01	U1/2	7.50E-01	39.70	1.50	4.77	10000	1000	9.65E+02	96%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T04-C	1	7.50E-01	U1/2	7.50E-01	51.84	1.50	4.77					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T05-C	1	7.50E-01	U1/2	7.50E-01	22.12	1.50	4.77					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T06-C	1	7.50E-01	U1/2	7.50E-01	13.73	1.50	4.77					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T07-C	1	7.50E-01	U1/2	7.50E-01	15.38	1.50	4.77					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T08-C	1	7.50E-01	U1/2	7.50E-01	22.12	1.50	4.77					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-T09-C	1	7.50E-01	U1/2	7.50E-01	48.95	1.50	4.77					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
V	JaFS-L14-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	40.96	1.50	4.77					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	JaFS-L14-1314-T01-A	1	1.12E+03		1.12E+03	0.48	1.00	3.18					VU ICP-OES	1/12/12 2:46 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T02-A	1	3.39E+02		3.39E+02	3.76	1.00	3.18					VU ICP-OES	1/12/12 2:48 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T03-A	1	1.38E+02		1.38E+02	0.42	1.00	3.18	10000	1000	1.12E+03	98%	VU ICP-OES	1/12/12 2:49 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T04-A	1	9.17E+01		9.17E+01	0.26	1.00	3.18					VU ICP-OES	1/12/12 2:51 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T05-A	1	8.06E+01		8.06E+01	1.82	1.00	3.18					VU ICP-OES	1/12/12 2:53 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T06-A	1	4.76E+01		4.76E+01	0.54	1.00	3.18					VU ICP-OES	1/12/12 2:54 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T07-A	1	2.87E+01		2.87E+01	0.21	1.00	3.18					VU ICP-OES	1/12/12 2:56 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T08-A	1	1.46E+01		1.46E+01	2.23	1.00	3.18					VU ICP-OES	1/12/12 2:58 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T09-A	1	6.30E+00		6.30E+00	0.92	1.00	3.18					VU ICP-OES	1/12/12 2:59 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T01-B	1	1.61E+03		1.61E+03	0.72	1.00	3.18					VU ICP-OES	1/12/12 3:06 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T02-B	1	4.00E+02		4.00E+02	0.86	1.00	3.18					VU ICP-OES	1/12/12 3:08 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T03-B	1	2.12E+02		2.12E+02	0.71	1.00	3.18	10000	1000	1.12E+03	91%	VU ICP-OES	1/12/12 3:09 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T04-B	1	1.34E+02		1.34E+02	0.12	1.00	3.18					VU ICP-OES	1/12/12 3:11 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T05-B	1	1.11E+02		1.11E+02	5.17	1.00	3.18					VU ICP-OES	1/12/12 3:13 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T06-B	1	6.34E+01		6.34E+01	3.88	1.00	3.18					VU ICP-OES	1/12/12 3:14 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T07-B	1	4.04E+01		4.04E+01	1.28	1.00	3.18					VU ICP-OES	1/12/12 3:16 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T08-B	1	2.27E+01		2.27E+01	1.12	1.00	3.18					VU ICP-OES	1/12/12 3:18 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T09-B	1	9.23E+00		9.23E+00	0.95	1.00	3.18					VU ICP-OES	1/12/12 3:19 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T01-C	1	1.48E+03		1.48E+03	0.17	1.00	3.18					VU ICP-OES	1/12/12 3:21 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T02-C	1	3.84E+02		3.84E+02	1.14	1.00	3.18					VU ICP-OES	1/12/12 3:22 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T03-C	1	1.50E+02		1.50E+02	2.69	1.00	3.18	10000	1000	1.13E+03	98%	VU ICP-OES	1/12/12 3:24 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T04-C	1	9.66E+01		9.66E+01	2.10	1.00	3.18					VU ICP-OES	1/12/12 3:26 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T05-C	1	8.60E+01		8.60E+01	1.56	1.00	3.18					VU ICP-OES	1/12/12 3:27 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T06-C	1	4.66E+01		4.66E+01	1.94	1.00	3.18					VU ICP-OES	1/12/12 3:29 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T07-C	1	2.78E+01		2.78E+01	3.31	1.00	3.18					VU ICP-OES	1/12/12 3:31 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T08-C	1	1.24E+01		1.24E+01	0.57	1.00	3.18					VU ICP-OES	1/12/12 3:32 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-T09-C	1	4.72E+00		4.72E+00	1.80	1.00	3.18					VU ICP-OES	1/12/12 3:34 PM	EPA Interlab L14 1314 JaFS
Zn	JaFS-L14-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	2.44	1.00	3.18					VU ICP-OES	1/12/12 2:43 PM	EPA Interlab L14 1314 JaFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	JaFS-LRef-1314-T01-A	1	8.20E+01		8.20E+01	1.23	1.00	3.18					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T02-A	1	6.12E+01		6.12E+01	3.45	1.00	3.18					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T03-A	1	3.30E+01		3.30E+01	2.44	1.00	3.18	10000	1000	9.35E+02	90%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T04-A	1	2.04E+01		2.04E+01	1.07	1.00	3.18					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T05-A	1	1.77E+01		1.77E+01	0.69	1.00	3.18					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T06-A	1	1.79E+01		1.79E+01	5.35	1.00	3.18					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T07-A	1	1.59E+01		1.59E+01	12.43	1.00	3.18					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T08-A	1	1.56E+01		1.56E+01	3.93	1.00	3.18					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T09-A	1	1.44E+01		1.44E+01	1.80	1.00	3.18					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T01-B	1	7.32E+01		7.32E+01	2.39	1.00	3.18					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T02-B	1	6.28E+01		6.28E+01	0.65	1.00	3.18					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T03-B	1	3.12E+01		3.12E+01	4.91	1.00	3.18	10000	1000	9.26E+02	89%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T04-B	1	2.17E+01		2.17E+01	1.02	1.00	3.18					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T05-B	1	1.85E+01		1.85E+01	1.42	1.00	3.18					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T06-B	1	1.75E+01		1.75E+01	2.04	1.00	3.18					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T07-B	1	1.68E+01		1.68E+01	1.93	1.00	3.18					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T08-B	1	1.55E+01		1.55E+01	2.13	1.00	3.18					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T09-B	1	1.52E+01		1.52E+01	1.82	1.00	3.18					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T01-C	1	8.05E+01		8.05E+01	1.52	1.00	3.18					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T02-C	1	6.15E+01		6.15E+01	0.67	1.00	3.18					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T03-C	1	3.28E+01		3.28E+01	1.77	1.00	3.18	10000	1000	9.18E+02	89%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T04-C	1	2.02E+01		2.02E+01	5.27	1.00	3.18					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T05-C	1	1.86E+01		1.86E+01	3.67	1.00	3.18					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T06-C	1	1.78E+01		1.78E+01	1.81	1.00	3.18					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T07-C	1	1.63E+01		1.63E+01	1.45	1.00	3.18					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T08-C	1	1.53E+01		1.53E+01	1.36	1.00	3.18					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T09-C	1	1.56E+01		1.56E+01	3.24	1.00	3.18					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	11.88	1.00	3.18					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-B02-A	1	5.00E-01	U1/2	5.00E-01	23.81	1.00	3.18					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	JaFS-LRef-1314-T01-A	1	3.75E+00	U1/2	3.75E+00	12.93	7.50	23.90					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T02-A	1	3.75E+00	U1/2	3.75E+00	32.35	7.50	23.90					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T03-A	1	3.75E+00	U1/2	3.75E+00	30.31	7.50	23.90	10000	1000	9.97E+02	99%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T04-A	1	3.75E+00	U1/2	3.75E+00	32.31	7.50	23.90					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T05-A	1	3.75E+00	U1/2	3.75E+00	20.88	7.50	23.90					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T06-A	1	3.75E+00	U1/2	3.75E+00	29.41	7.50	23.90					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T07-A	1	3.75E+00	U1/2	3.75E+00	14.73	7.50	23.90					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T08-A	1	3.75E+00	U1/2	3.75E+00	16.67	7.50	23.90					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T09-A	1	3.75E+00	U1/2	3.75E+00	28.85	7.50	23.90					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T01-B	1	3.75E+00	U1/2	3.75E+00	55.73	7.50	23.90					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T02-B	1	3.75E+00	U1/2	3.75E+00	31.57	7.50	23.90					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T03-B	1	3.75E+00	U1/2	3.75E+00	33.21	7.50	23.90	10000	1000	9.00E+02	90%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T04-B	1	3.75E+00	U1/2	3.75E+00	26.27	7.50	23.90					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T05-B	1	3.75E+00	U1/2	3.75E+00	30.54	7.50	23.90					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T06-B	1	3.75E+00	U1/2	3.75E+00	19.61	7.50	23.90					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T07-B	1	3.75E+00	U1/2	3.75E+00	40.18	7.50	23.90					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T08-B	1	3.75E+00	U1/2	3.75E+00	27.96	7.50	23.90					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T09-B	1	3.75E+00	U1/2	3.75E+00	39.74	7.50	23.90					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T01-C	1	3.75E+00	U1/2	3.75E+00	84.65	7.50	23.90					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T02-C	1	3.75E+00	U1/2	3.75E+00	14.10	7.50	23.90					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T03-C	1	3.75E+00	U1/2	3.75E+00	24.99	7.50	23.90	10000	1000	9.15E+02	91%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T04-C	1	3.75E+00	U1/2	3.75E+00	21.56	7.50	23.90					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T05-C	1	3.75E+00	U1/2	3.75E+00	30.49	7.50	23.90					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T06-C	1	3.75E+00	U1/2	3.75E+00	31.84	7.50	23.90					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T07-C	1	3.75E+00	U1/2	3.75E+00	10.06	7.50	23.90					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T08-C	1	3.75E+00	U1/2	3.75E+00	13.53	7.50	23.90					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T09-C	1	3.75E+00	U1/2	3.75E+00	20.14	7.50	23.90					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-B01-A	1	3.75E+00	U1/2	3.75E+00	76.65	7.50	23.90					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-B02-A	1	3.75E+00	U1/2	3.75E+00	38.92	7.50	23.90					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	JaFS-LRef-1314-T01-A	1	5.50E+00	U1/2	5.50E+00	7.26	11.00	35.00					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T02-A	1	5.50E+00	U1/2	5.50E+00	16.11	11.00	35.00					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T03-A	1	5.50E+00	U1/2	5.50E+00	34.25	11.00	35.00	10000	1000	9.70E+02	96%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T04-A	1	5.50E+00	U1/2	5.50E+00	5.15	11.00	35.00					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T05-A	1	5.50E+00	U1/2	5.50E+00	54.87	11.00	35.00					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T06-A	1	5.50E+00	U1/2	5.50E+00	20.85	11.00	35.00					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T07-A	1	5.50E+00	U1/2	5.50E+00	25.94	11.00	35.00					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T08-A	1	5.50E+00	U1/2	5.50E+00	8.59	11.00	35.00					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T09-A	1	5.50E+00	U1/2	5.50E+00	54.59	11.00	35.00					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T01-B	1	5.50E+00	U1/2	5.50E+00	32.63	11.00	35.00					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T02-B	1	5.50E+00	U1/2	5.50E+00	21.01	11.00	35.00					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T03-B	1	5.50E+00	U1/2	5.50E+00	39.10	11.00	35.00	10000	1000	9.51E+02	95%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T04-B	1	5.50E+00	U1/2	5.50E+00	39.18	11.00	35.00					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T05-B	1	5.50E+00	U1/2	5.50E+00	52.33	11.00	35.00					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T06-B	1	5.50E+00	U1/2	5.50E+00	9.70	11.00	35.00					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T07-B	1	5.50E+00	U1/2	5.50E+00	10.40	11.00	35.00					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T08-B	1	5.50E+00	U1/2	5.50E+00	21.46	11.00	35.00					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T09-B	1	5.50E+00	U1/2	5.50E+00	21.36	11.00	35.00					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T01-C	1	5.50E+00	U1/2	5.50E+00	10.26	11.00	35.00					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T02-C	1	5.50E+00	U1/2	5.50E+00	15.29	11.00	35.00					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T03-C	1	5.50E+00	U1/2	5.50E+00	15.09	11.00	35.00	10000	1000	9.43E+02	94%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T04-C	1	5.50E+00	U1/2	5.50E+00	42.12	11.00	35.00					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T05-C	1	5.50E+00	U1/2	5.50E+00	12.76	11.00	35.00					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T06-C	1	5.50E+00	U1/2	5.50E+00	26.85	11.00	35.00					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T07-C	1	5.50E+00	U1/2	5.50E+00	5.76	11.00	35.00					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T08-C	1	5.50E+00	U1/2	5.50E+00	5.10	11.00	35.00					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T09-C	1	5.50E+00	U1/2	5.50E+00	42.27	11.00	35.00					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-B01-A	1	5.50E+00	U1/2	5.50E+00	52.27	11.00	35.00					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-B02-A	1	5.50E+00	U1/2	5.50E+00	32.30	11.00	35.00					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	JaFS-LRef-1314-T01-A	1	1.82E+05		1.82E+05	1.29	1.00	3.18					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T02-A	1	6.69E+04		6.69E+04	2.14	1.00	3.18					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T03-A	1	2.17E+04		2.17E+04	2.11	1.00	3.18	10000	1000	2.26E+04	87%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T04-A	1	9.32E+03		9.32E+03	0.37	1.00	3.18					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T05-A	1	5.39E+03		5.39E+03	1.31	1.00	3.18					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T06-A	1	3.14E+03		3.14E+03	0.62	1.00	3.18					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T07-A	1	2.48E+03		2.48E+03	1.34	1.00	3.18					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T08-A	1	1.11E+03		1.11E+03	0.93	1.00	3.18					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T09-A	1	7.69E+02		7.69E+02	1.34	1.00	3.18					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T01-B	1	1.79E+05		1.79E+05	0.43	1.00	3.18					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T02-B	1	6.41E+04		6.41E+04	1.28	1.00	3.18					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T03-B	1	2.12E+04		2.12E+04	6.35	1.00	3.18	10000	1000	2.21E+04	91%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T04-B	1	9.22E+03		9.22E+03	6.49	1.00	3.18					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T05-B	1	5.20E+03		5.20E+03	1.12	1.00	3.18					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T06-B	1	3.23E+03		3.23E+03	2.19	1.00	3.18					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T07-B	1	2.29E+03		2.29E+03	1.80	1.00	3.18					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T08-B	1	1.08E+03		1.08E+03	0.82	1.00	3.18					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T09-B	1	8.26E+02		8.26E+02	2.65	1.00	3.18					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T01-C	1	1.83E+05		1.83E+05	1.84	1.00	3.18					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T02-C	1	6.53E+04		6.53E+04	1.09	1.00	3.18					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T03-C	1	2.20E+04		2.20E+04	2.00	1.00	3.18	10000	1000	2.29E+04	88%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T04-C	1	9.18E+03		9.18E+03	2.78	1.00	3.18					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T05-C	1	4.93E+03		4.93E+03	0.95	1.00	3.18					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T06-C	1	3.69E+03		3.69E+03	0.24	1.00	3.18					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T07-C	1	2.09E+03		2.09E+03	1.70	1.00	3.18					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T08-C	1	9.83E+02		9.83E+02	2.09	1.00	3.18					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T09-C	1	7.09E+02		7.09E+02	2.97	1.00	3.18					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	1.91	1.00	3.18					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-B02-A	1	5.00E-01	U1/2	5.00E-01	9.80	1.00	3.18					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	JaFS-LRef-1314-T01-A	1	1.26E+02		1.26E+02	0.39	1.00	3.18					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T02-A	1	8.56E+01		8.56E+01	1.95	1.00	3.18					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T03-A	1	5.41E+01		5.41E+01	1.01	1.00	3.18	10000	1000	9.61E+02	91%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T04-A	1	3.51E+01		3.51E+01	1.27	1.00	3.18					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T05-A	1	3.23E+01		3.23E+01	0.93	1.00	3.18					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T06-A	1	2.42E+01		2.42E+01	1.41	1.00	3.18					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T07-A	1	1.42E+01		1.42E+01	2.76	1.00	3.18					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T08-A	1	1.55E+01		1.55E+01	0.88	1.00	3.18					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T09-A	1	1.40E+01		1.40E+01	1.55	1.00	3.18					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T01-B	1	1.13E+02		1.13E+02	1.18	1.00	3.18					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T02-B	1	7.42E+01		7.42E+01	1.11	1.00	3.18					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T03-B	1	5.58E+01		5.58E+01	2.44	1.00	3.18	10000	1000	9.76E+02	92%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T04-B	1	3.68E+01		3.68E+01	2.80	1.00	3.18					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T05-B	1	3.49E+01		3.49E+01	1.59	1.00	3.18					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T06-B	1	2.23E+01		2.23E+01	1.19	1.00	3.18					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T07-B	1	1.28E+01		1.28E+01	1.37	1.00	3.18					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T08-B	1	1.32E+01		1.32E+01	1.02	1.00	3.18					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T09-B	1	1.14E+01		1.14E+01	1.82	1.00	3.18					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T01-C	1	1.18E+02		1.18E+02	1.17	1.00	3.18					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T02-C	1	8.71E+01		8.71E+01	0.90	1.00	3.18					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T03-C	1	5.97E+01		5.97E+01	0.27	1.00	3.18	10000	1000	9.90E+02	93%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T04-C	1	4.16E+01		4.16E+01	0.86	1.00	3.18					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T05-C	1	3.32E+01		3.32E+01	1.23	1.00	3.18					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T06-C	1	2.38E+01		2.38E+01	0.37	1.00	3.18					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T07-C	1	1.57E+01		1.57E+01	0.72	1.00	3.18					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T08-C	1	1.39E+01		1.39E+01	1.94	1.00	3.18					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T09-C	1	1.22E+01		1.22E+01	2.47	1.00	3.18					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	16.98	1.00	3.18					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-B02-A	1	5.00E-01	U1/2	5.00E-01	1.52	1.00	3.18					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	JaFS-LRef-1314-T01-A	1	9.50E-01	U1/2	9.50E-01	28.98	1.90	6.00					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T02-A	1	9.50E-01	U1/2	9.50E-01	7.98	1.90	6.00					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T03-A	1	9.50E-01	U1/2	9.50E-01	39.81	1.90	6.00	10000	1000	9.35E+02	93%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	10.91	1.90	6.00					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	21.70	1.90	6.00					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	18.65	1.90	6.00					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	27.15	1.90	6.00					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	21.29	1.90	6.00					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	48.82	1.90	6.00					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T01-B	1	9.50E-01	U1/2	9.50E-01	14.23	1.90	6.00					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T02-B	1	9.50E-01	U1/2	9.50E-01	15.93	1.90	6.00					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T03-B	1	9.50E-01	U1/2	9.50E-01	63.80	1.90	6.00	10000	1000	9.25E+02	92%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	41.90	1.90	6.00					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	27.78	1.90	6.00					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	15.28	1.90	6.00					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	27.05	1.90	6.00					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	32.89	1.90	6.00					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	9.57	1.90	6.00					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T01-C	1	9.50E-01	U1/2	9.50E-01	107.21	1.90	6.00					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T02-C	1	9.50E-01	U1/2	9.50E-01	33.20	1.90	6.00					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T03-C	1	9.50E-01	U1/2	9.50E-01	6.98	1.90	6.00	10000	1000	9.38E+02	94%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	6.27	1.90	6.00					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	50.09	1.90	6.00					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	75.72	1.90	6.00					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	76.31	1.90	6.00					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	47.07	1.90	6.00					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	28.58	1.90	6.00					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	37.12	1.90	6.00					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-B02-A	1	9.50E-01	U1/2	9.50E-01	46.67	1.90	6.00					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	JaFS-LRef-1314-T01-A	1	1.74E+01		1.74E+01	2.76	2.20	7.00					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T02-A	1	4.84E+00	E	4.84E+00	6.10	2.20	7.00					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T03-A	1	1.10E+00	U1/2	1.10E+00	7.48	2.20	7.00	10000	1000	9.84E+02	98%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T04-A	1	1.10E+00	U1/2	1.10E+00	6.07	2.20	7.00					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T05-A	1	1.10E+00	U1/2	1.10E+00	7.48	2.20	7.00					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T06-A	1	1.10E+00	U1/2	1.10E+00	21.08	2.20	7.00					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T07-A	1	1.10E+00	U1/2	1.10E+00	5.91	2.20	7.00					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T08-A	1	1.10E+00	U1/2	1.10E+00	33.99	2.20	7.00					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T09-A	1	1.10E+00	U1/2	1.10E+00	30.64	2.20	7.00					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T01-B	1	1.60E+01		1.60E+01	1.47	2.20	7.00					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T02-B	1	3.95E+00	E	3.95E+00	2.34	2.20	7.00					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T03-B	1	1.10E+00	U1/2	1.10E+00	2.75	2.20	7.00	10000	1000	9.81E+02	98%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T04-B	1	1.10E+00	U1/2	1.10E+00	9.91	2.20	7.00					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T05-B	1	1.10E+00	U1/2	1.10E+00	17.33	2.20	7.00					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T06-B	1	1.10E+00	U1/2	1.10E+00	16.47	2.20	7.00					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T07-B	1	1.10E+00	U1/2	1.10E+00	30.82	2.20	7.00					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T08-B	1	1.10E+00	U1/2	1.10E+00	25.11	2.20	7.00					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T09-B	1	1.10E+00	U1/2	1.10E+00	21.87	2.20	7.00					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T01-C	1	1.54E+01		1.54E+01	57.33	2.20	7.00					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T02-C	1	4.52E+00	E	4.52E+00	12.19	2.20	7.00					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T03-C	1	1.10E+00	U1/2	1.10E+00	16.77	2.20	7.00	10000	1000	9.61E+02	96%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T04-C	1	1.10E+00	U1/2	1.10E+00	29.60	2.20	7.00					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T05-C	1	1.10E+00	U1/2	1.10E+00	44.99	2.20	7.00					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T06-C	1	1.10E+00	U1/2	1.10E+00	21.81	2.20	7.00					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T07-C	1	1.10E+00	U1/2	1.10E+00	25.41	2.20	7.00					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T08-C	1	1.10E+00	U1/2	1.10E+00	32.24	2.20	7.00					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T09-C	1	1.10E+00	U1/2	1.10E+00	7.87	2.20	7.00					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-B01-A	1	1.10E+00	U1/2	1.10E+00	17.81	2.20	7.00					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-B02-A	1	1.10E+00	U1/2	1.10E+00	54.75	2.20	7.00					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	JaFS-LRef-1314-T01-A	1	3.14E+05		3.14E+05	0.32	2.60	8.30					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T02-A	1	4.10E+04		4.10E+04	1.76	2.60	8.30					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T03-A	1	2.02E+04		2.02E+04	1.15	2.60	8.30	10000	1000	2.12E+04	92%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T04-A	1	1.85E+04		1.85E+04	1.22	2.60	8.30					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T05-A	1	1.61E+04		1.61E+04	0.77	2.60	8.30					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T06-A	1	1.43E+04		1.43E+04	1.77	2.60	8.30					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T07-A	1	1.10E+04		1.10E+04	7.45	2.60	8.30					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T08-A	1	9.83E+03		9.83E+03	0.61	2.60	8.30					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T09-A	1	9.37E+03		9.37E+03	0.60	2.60	8.30					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T01-B	1	3.10E+05		3.10E+05	0.62	2.60	8.30					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T02-B	1	3.95E+04		3.95E+04	1.37	2.60	8.30					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T03-B	1	1.85E+04		1.85E+04	3.09	2.60	8.30	10000	1000	1.94E+04	93%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T04-B	1	1.92E+04		1.92E+04	0.69	2.60	8.30					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T05-B	1	1.71E+04		1.71E+04	1.31	2.60	8.30					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T06-B	1	1.38E+04		1.38E+04	1.25	2.60	8.30					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T07-B	1	1.08E+04		1.08E+04	1.52	2.60	8.30					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T08-B	1	9.97E+03		9.97E+03	1.41	2.60	8.30					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T09-B	1	9.14E+03		9.14E+03	1.04	2.60	8.30					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T01-C	1	3.08E+05		3.08E+05	1.14	2.60	8.30					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T02-C	1	4.26E+04		4.26E+04	1.42	2.60	8.30					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T03-C	1	2.08E+04		2.08E+04	0.54	2.60	8.30	10000	1000	2.18E+04	95%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T04-C	1	1.95E+04		1.95E+04	0.82	2.60	8.30					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T05-C	1	1.90E+04		1.90E+04	1.85	2.60	8.30					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T06-C	1	1.48E+04		1.48E+04	0.86	2.60	8.30					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T07-C	1	1.16E+04		1.16E+04	0.30	2.60	8.30					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T08-C	1	9.89E+03		9.89E+03	2.01	2.60	8.30					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T09-C	1	9.03E+03		9.03E+03	2.86	2.60	8.30					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-B01-A	1	1.30E+00	U1/2	1.30E+00	13.70	2.60	8.30					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-B02-A	1	1.30E+00	U1/2	1.30E+00	3.89	2.60	8.30					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	JaFS-LRef-1314-T01-A	1	6.00E-01	U1/2	6.00E-01	22.84	1.20	3.82					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T02-A	1	6.00E-01	U1/2	6.00E-01	44.70	1.20	3.82					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T03-A	1	6.00E-01	U1/2	6.00E-01	26.72	1.20	3.82	10000	1000	9.04E+02	90%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T04-A	1	6.00E-01	U1/2	6.00E-01	7.60	1.20	3.82					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T05-A	1	6.00E-01	U1/2	6.00E-01	38.89	1.20	3.82					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T06-A	1	6.00E-01	U1/2	6.00E-01	34.10	1.20	3.82					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T07-A	1	6.00E-01	U1/2	6.00E-01	20.47	1.20	3.82					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T08-A	1	6.00E-01	U1/2	6.00E-01	28.17	1.20	3.82					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T09-A	1	6.00E-01	U1/2	6.00E-01	26.48	1.20	3.82					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T01-B	1	6.00E-01	U1/2	6.00E-01	39.44	1.20	3.82					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T02-B	1	6.00E-01	U1/2	6.00E-01	7.11	1.20	3.82					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T03-B	1	6.00E-01	U1/2	6.00E-01	59.63	1.20	3.82	10000	1000	9.04E+02	90%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T04-B	1	6.00E-01	U1/2	6.00E-01	15.02	1.20	3.82					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T05-B	1	6.00E-01	U1/2	6.00E-01	58.11	1.20	3.82					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T06-B	1	6.00E-01	U1/2	6.00E-01	32.51	1.20	3.82					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T07-B	1	6.00E-01	U1/2	6.00E-01	18.03	1.20	3.82					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T08-B	1	6.00E-01	U1/2	6.00E-01	32.99	1.20	3.82					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T09-B	1	6.00E-01	U1/2	6.00E-01	18.14	1.20	3.82					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T01-C	1	6.00E-01	U1/2	6.00E-01	41.75	1.20	3.82					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T02-C	1	6.00E-01	U1/2	6.00E-01	39.17	1.20	3.82					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T03-C	1	6.00E-01	U1/2	6.00E-01	36.45	1.20	3.82	10000	1000	9.18E+02	92%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T04-C	1	6.00E-01	U1/2	6.00E-01	10.65	1.20	3.82					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T05-C	1	6.00E-01	U1/2	6.00E-01	35.76	1.20	3.82					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T06-C	1	6.00E-01	U1/2	6.00E-01	62.89	1.20	3.82					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T07-C	1	6.00E-01	U1/2	6.00E-01	22.91	1.20	3.82					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T08-C	1	6.00E-01	U1/2	6.00E-01	15.62	1.20	3.82					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T09-C	1	6.00E-01	U1/2	6.00E-01	21.84	1.20	3.82					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	24.63	1.20	3.82					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-B02-A	1	6.00E-01	U1/2	6.00E-01	56.71	1.20	3.82					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	JaFS-LRef-1314-T01-A	1	9.00E-01	U1/2	9.00E-01	51.97	1.80	5.72					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T02-A	1	9.00E-01	U1/2	9.00E-01	51.32	1.80	5.72					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T03-A	1	9.00E-01	U1/2	9.00E-01	35.04	1.80	5.72	10000	1000	9.15E+02	91%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	56.84	1.80	5.72					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	38.18	1.80	5.72					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	19.50	1.80	5.72					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	60.92	1.80	5.72					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	35.87	1.80	5.72					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	28.64	1.80	5.72					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T01-B	1	9.00E-01	U1/2	9.00E-01	12.65	1.80	5.72					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T02-B	1	9.00E-01	U1/2	9.00E-01	43.60	1.80	5.72					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T03-B	1	9.00E-01	U1/2	9.00E-01	88.97	1.80	5.72	10000	1000	9.14E+02	91%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	61.67	1.80	5.72					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	59.73	1.80	5.72					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	41.96	1.80	5.72					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	30.30	1.80	5.72					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	10.58	1.80	5.72					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	60.69	1.80	5.72					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T01-C	1	9.00E-01	U1/2	9.00E-01	44.88	1.80	5.72					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T02-C	1	9.00E-01	U1/2	9.00E-01	46.81	1.80	5.72					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T03-C	1	9.00E-01	U1/2	9.00E-01	30.82	1.80	5.72	10000	1000	9.28E+02	93%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	63.45	1.80	5.72					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	77.37	1.80	5.72					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	16.48	1.80	5.72					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	65.98	1.80	5.72					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	24.20	1.80	5.72					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	61.98	1.80	5.72					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	69.53	1.80	5.72					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-B02-A	1	9.00E-01	U1/2	9.00E-01	25.68	1.80	5.72					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	JaFS-LRef-1314-T01-A	1	1.18E+03		1.18E+03	0.63	3.70	11.80					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T02-A	1	7.81E+02		7.81E+02	1.66	3.70	11.80					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T03-A	1	4.56E+02		4.56E+02	0.60	3.70	11.80	10000	1000	1.36E+03	90%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T04-A	1	3.03E+02		3.03E+02	2.16	3.70	11.80					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T05-A	1	1.51E+02		1.51E+02	0.86	3.70	11.80					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T06-A	1	1.09E+02		1.09E+02	3.25	3.70	11.80					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T07-A	1	8.36E+01		8.36E+01	5.22	3.70	11.80					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T08-A	1	6.58E+01		6.58E+01	0.78	3.70	11.80					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T09-A	1	5.49E+01		5.49E+01	2.06	3.70	11.80					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T01-B	1	1.26E+03		1.26E+03	1.06	3.70	11.80					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T02-B	1	8.54E+02		8.54E+02	1.09	3.70	11.80					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T03-B	1	5.33E+02		5.33E+02	1.69	3.70	11.80	10000	1000	1.49E+03	95%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T04-B	1	2.99E+02		2.99E+02	0.91	3.70	11.80					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T05-B	1	1.81E+02		1.81E+02	1.10	3.70	11.80					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T06-B	1	1.05E+02		1.05E+02	2.39	3.70	11.80					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T07-B	1	9.16E+01		9.16E+01	2.38	3.70	11.80					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T08-B	1	7.70E+01		7.70E+01	1.34	3.70	11.80					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T09-B	1	5.03E+01		5.03E+01	3.03	3.70	11.80					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T01-C	1	1.27E+03		1.27E+03	1.57	3.70	11.80					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T02-C	1	8.61E+02		8.61E+02	1.17	3.70	11.80					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T03-C	1	5.09E+02		5.09E+02	0.97	3.70	11.80	10000	1000	1.45E+03	94%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T04-C	1	2.94E+02		2.94E+02	7.10	3.70	11.80					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T05-C	1	1.73E+02		1.73E+02	1.89	3.70	11.80					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T06-C	1	1.04E+02		1.04E+02	0.80	3.70	11.80					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T07-C	1	9.18E+01		9.18E+01	1.52	3.70	11.80					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T08-C	1	7.04E+01		7.04E+01	2.11	3.70	11.80					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T09-C	1	4.95E+01		4.95E+01	2.13	3.70	11.80					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	41.35	3.70	11.80					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-B02-A	1	1.85E+00	U1/2	1.85E+00	30.96	3.70	11.80					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	JaFS-LRef-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	2.76	2.00	6.40					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	6.50	2.00	6.40					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	15.68	2.00	6.40	10000	1000	9.12E+02	91%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	30.96	2.00	6.40					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	12.73	2.00	6.40					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	3.81	2.00	6.40					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	4.84	2.00	6.40					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	32.98	2.00	6.40					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	15.75	2.00	6.40					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	1.10	2.00	6.40					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	8.92	2.00	6.40					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	6.54	2.00	6.40	10000	1000	9.13E+02	91%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	38.77	2.00	6.40					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	26.90	2.00	6.40					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	19.43	2.00	6.40					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	10.21	2.00	6.40					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	7.25	2.00	6.40					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	11.02	2.00	6.40					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	36.33	2.00	6.40					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	5.06	2.00	6.40					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	3.41	2.00	6.40	10000	1000	9.27E+02	93%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	36.42	2.00	6.40					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	10.21	2.00	6.40					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	11.35	2.00	6.40					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	20.63	2.00	6.40					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	48.80	2.00	6.40					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	7.60	2.00	6.40					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	29.10	2.00	6.40					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-B02-A	1	1.00E+00	U1/2	1.00E+00	22.04	2.00	6.40					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	JaFS-LRef-1314-T01-A	1	1.02E+02		1.02E+02	2.44	6.80	21.60					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T02-A	1	1.21E+02		1.21E+02	3.34	6.80	21.60					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T03-A	1	9.97E+01		9.97E+01	1.53	6.80	21.60	10000	1000	1.07E+03	97%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T04-A	1	8.41E+01		8.41E+01	2.10	6.80	21.60					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T05-A	1	6.75E+01		6.75E+01	4.28	6.80	21.60					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T06-A	1	5.38E+01		5.38E+01	1.82	6.80	21.60					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T07-A	1	4.98E+01		4.98E+01	9.11	6.80	21.60					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T08-A	1	3.45E+01		3.45E+01	7.84	6.80	21.60					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T09-A	1	2.58E+01		2.58E+01	2.12	6.80	21.60					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T01-B	1	1.01E+02		1.01E+02	0.67	6.80	21.60					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T02-B	1	1.15E+02		1.15E+02	2.83	6.80	21.60					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T03-B	1	8.59E+01		8.59E+01	1.85	6.80	21.60	10000	1000	1.10E+03	101%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T04-B	1	8.03E+01		8.03E+01	3.01	6.80	21.60					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T05-B	1	6.41E+01		6.41E+01	5.58	6.80	21.60					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T06-B	1	5.83E+01		5.83E+01	1.18	6.80	21.60					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T07-B	1	4.80E+01		4.80E+01	2.64	6.80	21.60					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T08-B	1	3.22E+01		3.22E+01	7.07	6.80	21.60					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T09-B	1	2.45E+01		2.45E+01	5.86	6.80	21.60					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T01-C	1	1.12E+02		1.12E+02	5.49	6.80	21.60					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T02-C	1	1.24E+02		1.24E+02	1.90	6.80	21.60					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T03-C	1	9.14E+01		9.14E+01	8.10	6.80	21.60	10000	1000	1.06E+03	97%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T04-C	1	8.27E+01		8.27E+01	3.93	6.80	21.60					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T05-C	1	7.02E+01		7.02E+01	8.15	6.80	21.60					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T06-C	1	5.44E+01		5.44E+01	1.53	6.80	21.60					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T07-C	1	4.68E+01		4.68E+01	5.25	6.80	21.60					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T08-C	1	3.45E+01		3.45E+01	6.85	6.80	21.60					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T09-C	1	2.66E+01		2.66E+01	9.13	6.80	21.60					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-B01-A	1	3.40E+00	U1/2	3.40E+00	20.68	6.80	21.60					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-B02-A	1	3.40E+00	U1/2	3.40E+00	39.99	6.80	21.60					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	JaFS-LRef-1314-T01-A	1	7.94E+01		7.94E+01	4.25	1.90	6.00					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T02-A	1	1.20E+01		1.20E+01	3.36	1.90	6.00					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T03-A	1	2.99E+00	E	2.99E+00	10.32	1.90	6.00	10000	1000	8.77E+02	87%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T04-A	1	9.50E-01	U1/2	9.50E-01	25.77	1.90	6.00					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T05-A	1	9.50E-01	U1/2	9.50E-01	41.67	1.90	6.00					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T06-A	1	9.50E-01	U1/2	9.50E-01	21.35	1.90	6.00					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T07-A	1	9.50E-01	U1/2	9.50E-01	57.27	1.90	6.00					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T08-A	1	9.50E-01	U1/2	9.50E-01	13.84	1.90	6.00					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T09-A	1	9.50E-01	U1/2	9.50E-01	23.20	1.90	6.00					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T01-B	1	8.01E+01		8.01E+01	1.46	1.90	6.00					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T02-B	1	1.38E+01		1.38E+01	12.75	1.90	6.00					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T03-B	1	3.01E+00	E	3.01E+00	9.79	1.90	6.00	10000	1000	8.53E+02	85%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T04-B	1	9.50E-01	U1/2	9.50E-01	41.93	1.90	6.00					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T05-B	1	9.50E-01	U1/2	9.50E-01	77.35	1.90	6.00					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T06-B	1	9.50E-01	U1/2	9.50E-01	56.01	1.90	6.00					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T07-B	1	9.50E-01	U1/2	9.50E-01	44.19	1.90	6.00					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T08-B	1	9.50E-01	U1/2	9.50E-01	27.24	1.90	6.00					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T09-B	1	9.50E-01	U1/2	9.50E-01	22.49	1.90	6.00					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T01-C	1	7.65E+01		7.65E+01	5.17	1.90	6.00					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T02-C	1	1.23E+01		1.23E+01	8.13	1.90	6.00					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T03-C	1	2.94E+00	E	2.94E+00	17.94	1.90	6.00	10000	1000	8.71E+02	87%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T04-C	1	9.50E-01	U1/2	9.50E-01	84.69	1.90	6.00					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T05-C	1	9.50E-01	U1/2	9.50E-01	42.74	1.90	6.00					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T06-C	1	9.50E-01	U1/2	9.50E-01	13.74	1.90	6.00					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T07-C	1	9.50E-01	U1/2	9.50E-01	14.41	1.90	6.00					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T08-C	1	9.50E-01	U1/2	9.50E-01	30.98	1.90	6.00					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T09-C	1	9.50E-01	U1/2	9.50E-01	55.85	1.90	6.00					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-B01-A	1	9.50E-01	U1/2	9.50E-01	5.25	1.90	6.00					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-B02-A	1	9.50E-01	U1/2	9.50E-01	22.65	1.90	6.00					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	JaFS-LRef-1314-T01-A	1	2.71E+02		2.71E+02	1.10	2.00	6.40					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T02-A	1	3.57E+01		3.57E+01	2.02	2.00	6.40					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T03-A	1	2.58E+01		2.58E+01	0.88	2.00	6.40	10000	1000	9.88E+02	96%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T04-A	1	1.46E+01		1.46E+01	0.48	2.00	6.40					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T05-A	1	1.16E+01		1.16E+01	0.86	2.00	6.40					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T06-A	1	8.90E+00		8.90E+00	1.59	2.00	6.40					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T07-A	1	7.99E+00		7.99E+00	6.07	2.00	6.40					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T08-A	1	7.58E+00		7.58E+00	1.17	2.00	6.40					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T09-A	1	5.69E+00	E	5.69E+00	13.54	2.00	6.40					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T01-B	1	2.56E+02		2.56E+02	0.95	2.00	6.40					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T02-B	1	3.64E+01		3.64E+01	1.17	2.00	6.40					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T03-B	1	2.61E+01		2.61E+01	2.29	2.00	6.40	10000	1000	9.92E+02	97%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T04-B	1	1.93E+01		1.93E+01	2.29	2.00	6.40					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T05-B	1	1.04E+01		1.04E+01	1.31	2.00	6.40					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T06-B	1	9.24E+00		9.24E+00	1.00	2.00	6.40					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T07-B	1	7.50E+00		7.50E+00	1.44	2.00	6.40					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T08-B	1	7.76E+00		7.76E+00	1.04	2.00	6.40					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T09-B	1	6.02E+00	E	6.02E+00	11.27	2.00	6.40					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T01-C	1	2.57E+02		2.57E+02	2.52	2.00	6.40					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T02-C	1	2.93E+01		2.93E+01	1.76	2.00	6.40					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T03-C	1	1.96E+01		1.96E+01	0.25	2.00	6.40	10000	1000	9.86E+02	97%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T04-C	1	1.59E+01		1.59E+01	7.14	2.00	6.40					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T05-C	1	1.14E+01		1.14E+01	2.28	2.00	6.40					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T06-C	1	8.95E+00		8.95E+00	0.86	2.00	6.40					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T07-C	1	8.39E+00		8.39E+00	0.95	2.00	6.40					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T08-C	1	6.59E+00		6.59E+00	0.93	2.00	6.40					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T09-C	1	5.81E+00	E	5.81E+00	2.20	2.00	6.40					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	8.62	2.00	6.40					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-B02-A	1	1.00E+00	U1/2	1.00E+00	11.69	2.00	6.40					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	JaFS-LRef-1314-T01-A	1	5.70E+04		5.70E+04	0.59	1.00	3.18					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T02-A	1	7.21E+03		7.21E+03	1.69	1.00	3.18					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T03-A	1	3.79E+03		3.79E+03	1.35	1.00	3.18	10000	1000	4.70E+03	91%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T04-A	1	3.36E+03		3.36E+03	0.32	1.00	3.18					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T05-A	1	2.89E+03		2.89E+03	0.96	1.00	3.18					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T06-A	1	2.11E+03		2.11E+03	1.27	1.00	3.18					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T07-A	1	1.50E+03		1.50E+03	1.62	1.00	3.18					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T08-A	1	1.20E+03		1.20E+03	1.35	1.00	3.18					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T09-A	1	1.21E+03		1.21E+03	1.35	1.00	3.18					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T01-B	1	5.75E+04		5.75E+04	1.41	1.00	3.18					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T02-B	1	6.86E+03		6.86E+03	2.28	1.00	3.18					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T03-B	1	3.19E+03		3.19E+03	4.08	1.00	3.18	10000	1000	4.10E+03	91%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T04-B	1	3.05E+03		3.05E+03	1.03	1.00	3.18					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T05-B	1	2.73E+03		2.73E+03	1.51	1.00	3.18					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T06-B	1	2.12E+03		2.12E+03	0.96	1.00	3.18					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T07-B	1	1.48E+03		1.48E+03	0.89	1.00	3.18					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T08-B	1	1.23E+03		1.23E+03	1.25	1.00	3.18					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T09-B	1	1.14E+03		1.14E+03	0.88	1.00	3.18					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T01-C	1	5.77E+04		5.77E+04	1.15	1.00	3.18					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T02-C	1	6.94E+03		6.94E+03	2.14	1.00	3.18					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T03-C	1	3.54E+03		3.54E+03	0.51	1.00	3.18	10000	1000	4.51E+03	97%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T04-C	1	3.13E+03		3.13E+03	1.61	1.00	3.18					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T05-C	1	3.04E+03		3.04E+03	3.15	1.00	3.18					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T06-C	1	2.17E+03		2.17E+03	1.01	1.00	3.18					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T07-C	1	1.50E+03		1.50E+03	0.71	1.00	3.18					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T08-C	1	1.07E+03		1.07E+03	1.53	1.00	3.18					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T09-C	1	1.38E+03		1.38E+03	2.78	1.00	3.18					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	40.34	1.00	3.18					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-B02-A	1	5.00E-01	U1/2	5.00E-01	40.53	1.00	3.18					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	JaFS-LRef-1314-T01-A	1	1.26E+02		1.26E+02	0.80	1.20	3.82					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T02-A	1	5.69E+01		5.69E+01	4.79	1.20	3.82					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T03-A	1	1.56E+01		1.56E+01	1.41	1.20	3.82	10000	1000	9.77E+02	96%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T04-A	1	1.21E+01		1.21E+01	4.61	1.20	3.82					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T05-A	1	9.34E+00		9.34E+00	7.54	1.20	3.82					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T06-A	1	5.69E+00		5.69E+00	1.35	1.20	3.82					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T07-A	1	3.91E+00		3.91E+00	1.11	1.20	3.82					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T08-A	1	4.28E+00		4.28E+00	5.47	1.20	3.82					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T09-A	1	3.94E+00		3.94E+00	13.59	1.20	3.82					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T01-B	1	1.45E+02		1.45E+02	1.54	1.20	3.82					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T02-B	1	5.81E+01		5.81E+01	1.58	1.20	3.82					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T03-B	1	1.41E+01		1.41E+01	3.62	1.20	3.82	10000	1000	9.78E+02	96%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T04-B	1	1.16E+01		1.16E+01	4.19	1.20	3.82					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T05-B	1	8.85E+00		8.85E+00	1.19	1.20	3.82					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T06-B	1	4.24E+00		4.24E+00	3.84	1.20	3.82					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T07-B	1	3.88E+00		3.88E+00	2.04	1.20	3.82					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T08-B	1	3.64E+00	E	3.64E+00	7.54	1.20	3.82					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T09-B	1	3.54E+00	E	3.54E+00	4.94	1.20	3.82					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T01-C	1	1.25E+02		1.25E+02	10.35	1.20	3.82					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T02-C	1	5.96E+01		5.96E+01	2.74	1.20	3.82					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T03-C	1	1.93E+01		1.93E+01	0.95	1.20	3.82	10000	1000	9.97E+02	98%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T04-C	1	1.35E+01		1.35E+01	0.99	1.20	3.82					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T05-C	1	1.09E+01		1.09E+01	0.88	1.20	3.82					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T06-C	1	6.02E+00		6.02E+00	9.71	1.20	3.82					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T07-C	1	3.88E+00		3.88E+00	3.75	1.20	3.82					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T08-C	1	3.56E+00	E	3.56E+00	8.74	1.20	3.82					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T09-C	1	3.61E+00	E	3.61E+00	16.57	1.20	3.82					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-B01-A	1	6.00E-01	U1/2	6.00E-01	17.78	1.20	3.82					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-B02-A	1	6.00E-01	U1/2	6.00E-01	33.67	1.20	3.82					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	JaFS-LRef-1314-T01-A	1	1.05E+01		1.05E+01	7.88	1.80	5.70					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T02-A	1	6.66E+00		6.66E+00	1.76	1.80	5.70					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T03-A	1	2.49E+00	E	2.49E+00	3.45	1.80	5.70	10000	1000	9.70E+02	97%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T04-A	1	9.00E-01	U1/2	9.00E-01	32.23	1.80	5.70					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T05-A	1	9.00E-01	U1/2	9.00E-01	57.57	1.80	5.70					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T06-A	1	9.00E-01	U1/2	9.00E-01	50.45	1.80	5.70					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T07-A	1	9.00E-01	U1/2	9.00E-01	35.98	1.80	5.70					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T08-A	1	9.00E-01	U1/2	9.00E-01	14.11	1.80	5.70					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T09-A	1	9.00E-01	U1/2	9.00E-01	110.10	1.80	5.70					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T01-B	1	9.19E+00		9.19E+00	4.98	1.80	5.70					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T02-B	1	7.12E+00		7.12E+00	9.36	1.80	5.70					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T03-B	1	3.08E+00	E	3.08E+00	37.29	1.80	5.70	10000	1000	9.70E+02	97%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T04-B	1	9.00E-01	U1/2	9.00E-01	26.03	1.80	5.70					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T05-B	1	9.00E-01	U1/2	9.00E-01	13.50	1.80	5.70					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T06-B	1	9.00E-01	U1/2	9.00E-01	39.67	1.80	5.70					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T07-B	1	9.00E-01	U1/2	9.00E-01	25.19	1.80	5.70					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T08-B	1	9.00E-01	U1/2	9.00E-01	19.61	1.80	5.70					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T09-B	1	9.00E-01	U1/2	9.00E-01	42.19	1.80	5.70					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T01-C	1	9.19E+00		9.19E+00	7.43	1.80	5.70					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T02-C	1	5.68E+00	E	5.68E+00	4.77	1.80	5.70					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T03-C	1	2.19E+00	E	2.19E+00	2.19	1.80	5.70	10000	1000	9.83E+02	98%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T04-C	1	9.00E-01	U1/2	9.00E-01	53.37	1.80	5.70					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T05-C	1	9.00E-01	U1/2	9.00E-01	32.43	1.80	5.70					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T06-C	1	9.00E-01	U1/2	9.00E-01	13.06	1.80	5.70					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T07-C	1	9.00E-01	U1/2	9.00E-01	15.89	1.80	5.70					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T08-C	1	9.00E-01	U1/2	9.00E-01	60.03	1.80	5.70					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T09-C	1	9.00E-01	U1/2	9.00E-01	39.43	1.80	5.70					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-B01-A	1	9.00E-01	U1/2	9.00E-01	60.14	1.80	5.70					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-B02-A	1	9.00E-01	U1/2	9.00E-01	31.86	1.80	5.70					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	JaFS-LRef-1314-T01-A	1	6.64E+01		6.64E+01	2.32	3.70	11.80					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T02-A	1	6.02E+01		6.02E+01	1.18	3.70	11.80					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T03-A	1	3.56E+01		3.56E+01	14.76	3.70	11.80	10000	1000	9.65E+02	93%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T04-A	1	2.92E+01		2.92E+01	2.00	3.70	11.80					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T05-A	1	2.83E+01		2.83E+01	5.23	3.70	11.80					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T06-A	1	2.11E+01		2.11E+01	4.30	3.70	11.80					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T07-A	1	2.24E+01		2.24E+01	6.97	3.70	11.80					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T08-A	1	2.84E+01		2.84E+01	1.33	3.70	11.80					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T09-A	1	3.07E+01		3.07E+01	7.58	3.70	11.80					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T01-B	1	6.99E+01		6.99E+01	2.60	3.70	11.80					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T02-B	1	5.98E+01		5.98E+01	4.09	3.70	11.80					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T03-B	1	2.87E+01		2.87E+01	1.89	3.70	11.80	10000	1000	9.60E+02	93%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T04-B	1	2.52E+01		2.52E+01	4.66	3.70	11.80					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T05-B	1	2.14E+01		2.14E+01	15.87	3.70	11.80					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T06-B	1	2.54E+01		2.54E+01	2.66	3.70	11.80					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T07-B	1	2.44E+01		2.44E+01	6.39	3.70	11.80					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T08-B	1	2.61E+01		2.61E+01	3.04	3.70	11.80					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T09-B	1	2.80E+01		2.80E+01	1.37	3.70	11.80					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T01-C	1	6.99E+01		6.99E+01	5.05	3.70	11.80					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T02-C	1	5.67E+01		5.67E+01	3.72	3.70	11.80					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T03-C	1	3.46E+01		3.46E+01	5.78	3.70	11.80	10000	1000	9.79E+02	94%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T04-C	1	2.77E+01		2.77E+01	3.40	3.70	11.80					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T05-C	1	2.52E+01		2.52E+01	6.00	3.70	11.80					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T06-C	1	1.94E+01		1.94E+01	9.89	3.70	11.80					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T07-C	1	2.51E+01		2.51E+01	1.54	3.70	11.80					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T08-C	1	2.40E+01		2.40E+01	2.55	3.70	11.80					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T09-C	1	2.97E+01		2.97E+01	1.58	3.70	11.80					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-B01-A	1	1.85E+00	U1/2	1.85E+00	5.49	3.70	11.80					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-B02-A	1	1.85E+00	U1/2	1.85E+00	39.94	3.70	11.80					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	JaFS-LRef-1314-T01-A	1	5.14E+04		5.14E+04	0.29	1.60	5.09					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T02-A	1	2.36E+04		2.36E+04	1.68	1.60	5.09					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T03-A	1	1.33E+04		1.33E+04	1.15	1.60	5.09	10000	1000	1.41E+04	86%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T04-A	1	1.09E+04		1.09E+04	0.91	1.60	5.09					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T05-A	1	8.68E+03		8.68E+03	0.96	1.60	5.09					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T06-A	1	5.58E+03		5.58E+03	1.42	1.60	5.09					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T07-A	1	3.79E+03		3.79E+03	5.25	1.60	5.09					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T08-A	1	2.59E+03		2.59E+03	0.34	1.60	5.09					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T09-A	1	1.76E+03		1.76E+03	1.52	1.60	5.09					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T01-B	1	5.52E+04		5.52E+04	0.67	1.60	5.09					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T02-B	1	1.90E+04		1.90E+04	1.28	1.60	5.09					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T03-B	1	1.18E+04		1.18E+04	2.05	1.60	5.09	10000	1000	1.26E+04	85%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T04-B	1	1.07E+04		1.07E+04	0.69	1.60	5.09					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T05-B	1	8.60E+03		8.60E+03	0.91	1.60	5.09					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T06-B	1	5.64E+03		5.64E+03	0.74	1.60	5.09					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T07-B	1	3.89E+03		3.89E+03	1.37	1.60	5.09					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T08-B	1	2.83E+03		2.83E+03	1.25	1.60	5.09					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T09-B	1	1.77E+03		1.77E+03	0.52	1.60	5.09					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T01-C	1	5.76E+04		5.76E+04	1.19	1.60	5.09					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T02-C	1	2.13E+04		2.13E+04	1.50	1.60	5.09					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T03-C	1	1.27E+04		1.27E+04	0.54	1.60	5.09	10000	1000	1.35E+04	85%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T04-C	1	1.18E+04		1.18E+04	0.99	1.60	5.09					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T05-C	1	9.25E+03		9.25E+03	1.63	1.60	5.09					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T06-C	1	5.70E+03		5.70E+03	0.83	1.60	5.09					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T07-C	1	3.47E+03		3.47E+03	0.74	1.60	5.09					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T08-C	1	2.44E+03		2.44E+03	1.94	1.60	5.09					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T09-C	1	1.90E+03		1.90E+03	2.75	1.60	5.09					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-B01-A	1	1.21E+01		1.21E+01	4.84	1.60	5.09					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-B02-A	1	1.53E+01		1.53E+01	9.54	1.60	5.09					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	JaFS-LRef-1314-T01-A	1	6.48E+01		6.48E+01	1.03	15.00	47.70					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T02-A	1	1.94E+01	E	1.94E+01	11.48	15.00	47.70					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T03-A	1	7.50E+00	U1/2	7.50E+00	21.87	15.00	47.70	10000	1000	9.31E+02	92%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T04-A	1	7.50E+00	U1/2	7.50E+00	23.70	15.00	47.70					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T05-A	1	7.50E+00	U1/2	7.50E+00	28.43	15.00	47.70					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T06-A	1	7.50E+00	U1/2	7.50E+00	24.37	15.00	47.70					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T07-A	1	7.50E+00	U1/2	7.50E+00	19.85	15.00	47.70					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T08-A	1	7.50E+00	U1/2	7.50E+00	42.48	15.00	47.70					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T09-A	1	7.50E+00	U1/2	7.50E+00	6.72	15.00	47.70					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T01-B	1	6.56E+01		6.56E+01	3.02	15.00	47.70					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T02-B	1	1.92E+01	E	1.92E+01	16.03	15.00	47.70					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T03-B	1	7.50E+00	U1/2	7.50E+00	29.92	15.00	47.70	10000	1000	9.35E+02	93%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T04-B	1	7.50E+00	U1/2	7.50E+00	10.56	15.00	47.70					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T05-B	1	7.50E+00	U1/2	7.50E+00	38.95	15.00	47.70					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T06-B	1	7.50E+00	U1/2	7.50E+00	11.65	15.00	47.70					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T07-B	1	7.50E+00	U1/2	7.50E+00	28.17	15.00	47.70					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T08-B	1	7.50E+00	U1/2	7.50E+00	25.85	15.00	47.70					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T09-B	1	7.50E+00	U1/2	7.50E+00	33.00	15.00	47.70					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T01-C	1	5.99E+01		5.99E+01	10.92	15.00	47.70					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T02-C	1	2.19E+01	E	2.19E+01	14.69	15.00	47.70					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T03-C	1	7.50E+00	U1/2	7.50E+00	8.88	15.00	47.70	10000	1000	9.63E+02	96%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T04-C	1	7.50E+00	U1/2	7.50E+00	11.10	15.00	47.70					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T05-C	1	7.50E+00	U1/2	7.50E+00	25.58	15.00	47.70					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T06-C	1	7.50E+00	U1/2	7.50E+00	19.37	15.00	47.70					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T07-C	1	7.50E+00	U1/2	7.50E+00	31.80	15.00	47.70					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T08-C	1	7.50E+00	U1/2	7.50E+00	31.82	15.00	47.70					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T09-C	1	7.50E+00	U1/2	7.50E+00	18.62	15.00	47.70					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-B01-A	1	7.50E+00	U1/2	7.50E+00	20.25	15.00	47.70					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-B02-A	1	7.50E+00	U1/2	7.50E+00	58.84	15.00	47.70					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	JaFS-LRef-1314-T01-A	1	4.82E+03		4.82E+03	1.07	1.10	3.50					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T02-A	1	3.28E+03		3.28E+03	1.84	1.10	3.50					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T03-A	1	2.67E+03		2.67E+03	1.73	1.10	3.50	10000	1000	3.63E+03	96%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T04-A	1	2.03E+03		2.03E+03	0.59	1.10	3.50					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T05-A	1	1.82E+03		1.82E+03	0.41	1.10	3.50					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T06-A	1	1.92E+03		1.92E+03	1.51	1.10	3.50					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T07-A	1	1.79E+03		1.79E+03	5.95	1.10	3.50					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T08-A	1	1.75E+03		1.75E+03	0.62	1.10	3.50					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T09-A	1	1.95E+03		1.95E+03	1.48	1.10	3.50					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T01-B	1	5.06E+03		5.06E+03	1.00	1.10	3.50					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T02-B	1	3.34E+03		3.34E+03	2.04	1.10	3.50					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T03-B	1	2.58E+03		2.58E+03	2.37	1.10	3.50	10000	1000	3.55E+03	97%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T04-B	1	2.50E+03		2.50E+03	3.92	1.10	3.50					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T05-B	1	1.97E+03		1.97E+03	1.46	1.10	3.50					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T06-B	1	1.87E+03		1.87E+03	0.93	1.10	3.50					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T07-B	1	1.97E+03		1.97E+03	2.19	1.10	3.50					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T08-B	1	1.78E+03		1.78E+03	0.91	1.10	3.50					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T09-B	1	1.85E+03		1.85E+03	6.44	1.10	3.50					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T01-C	1	5.34E+03		5.34E+03	10.66	1.10	3.50					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T02-C	1	3.21E+03		3.21E+03	1.35	1.10	3.50					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T03-C	1	2.70E+03		2.70E+03	0.45	1.10	3.50	10000	1000	3.70E+03	100%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T04-C	1	2.02E+03		2.02E+03	4.91	1.10	3.50					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T05-C	1	1.98E+03		1.98E+03	2.59	1.10	3.50					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T06-C	1	1.84E+03		1.84E+03	3.34	1.10	3.50					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T07-C	1	1.86E+03		1.86E+03	0.78	1.10	3.50					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T08-C	1	1.79E+03		1.79E+03	1.75	1.10	3.50					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T09-C	1	1.84E+03		1.84E+03	2.61	1.10	3.50					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-B01-A	1	5.50E-01	U1/2	5.50E-01	5.21	1.10	3.50					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-B02-A	1	5.50E-01	U1/2	5.50E-01	4.82	1.10	3.50					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	JaFS-LRef-1314-T01-A	1	2.22E+05		2.22E+05	0.46	2.50	8.00					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T02-A	1	7.60E+04		7.60E+04	0.54	2.50	8.00					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T03-A	1	3.46E+04		3.46E+04	0.65	2.50	8.00	10000	1000	3.55E+04	88%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T04-A	1	9.53E+03		9.53E+03	0.59	2.50	8.00					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T05-A	1	3.86E+03		3.86E+03	0.57	2.50	8.00					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T06-A	1	1.67E+03		1.67E+03	0.62	2.50	8.00					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T07-A	1	1.14E+03		1.14E+03	6.07	2.50	8.00					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T08-A	1	7.72E+02		7.72E+02	0.85	2.50	8.00					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T09-A	1	3.71E+02		3.71E+02	7.26	2.50	8.00					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T01-B	1	2.22E+05		2.22E+05	0.64	2.50	8.00					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T02-B	1	8.50E+04		8.50E+04	0.74	2.50	8.00					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T03-B	1	3.72E+04		3.72E+04	0.32	2.50	8.00	10000	1000	3.81E+04	92%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T04-B	1	9.15E+03		9.15E+03	4.35	2.50	8.00					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T05-B	1	3.32E+03		3.32E+03	1.12	2.50	8.00					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T06-B	1	1.71E+03		1.71E+03	0.68	2.50	8.00					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T07-B	1	1.09E+03		1.09E+03	1.19	2.50	8.00					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T08-B	1	7.23E+02		7.23E+02	0.72	2.50	8.00					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T09-B	1	3.56E+02		3.56E+02	5.40	2.50	8.00					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T01-C	1	2.21E+05		2.21E+05	8.93	2.50	8.00					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T02-C	1	8.05E+04		8.05E+04	1.12	2.50	8.00					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T03-C	1	4.32E+04		4.32E+04	0.88	2.50	8.00	10000	1000	4.41E+04	86%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T04-C	1	9.15E+03		9.15E+03	4.28	2.50	8.00					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T05-C	1	3.86E+03		3.86E+03	1.69	2.50	8.00					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T06-C	1	1.68E+03		1.68E+03	0.51	2.50	8.00					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T07-C	1	1.06E+03		1.06E+03	0.95	2.50	8.00					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T08-C	1	7.48E+02		7.48E+02	0.52	2.50	8.00					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T09-C	1	3.85E+02		3.85E+02	0.49	2.50	8.00					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-B01-A	1	1.25E+00	U1/2	1.25E+00	1.23	2.50	8.00					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-B02-A	1	1.25E+00	U1/2	1.25E+00	6.40	2.50	8.00					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	JaFS-LRef-1314-T01-A	1	9.29E+03		9.29E+03	1.57	1.00	3.18					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T02-A	1	1.24E+03		1.24E+03	1.72	1.00	3.18					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T03-A	1	5.37E+02		5.37E+02	0.45	1.00	3.18	10000	1000	1.53E+03	99%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T04-A	1	4.74E+02		4.74E+02	1.30	1.00	3.18					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T05-A	1	3.81E+02		3.81E+02	0.79	1.00	3.18					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T06-A	1	3.37E+02		3.37E+02	1.53	1.00	3.18					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T07-A	1	3.32E+02		3.32E+02	6.79	1.00	3.18					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T08-A	1	2.78E+02		2.78E+02	0.31	1.00	3.18					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T09-A	1	2.37E+02		2.37E+02	1.59	1.00	3.18					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T01-B	1	9.22E+03		9.22E+03	1.79	1.00	3.18					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T02-B	1	1.30E+03		1.30E+03	0.64	1.00	3.18					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T03-B	1	6.13E+02		6.13E+02	1.36	1.00	3.18	10000	1000	1.64E+03	102%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T04-B	1	4.97E+02		4.97E+02	0.70	1.00	3.18					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T05-B	1	4.51E+02		4.51E+02	0.89	1.00	3.18					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T06-B	1	3.74E+02		3.74E+02	1.45	1.00	3.18					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T07-B	1	3.24E+02		3.24E+02	3.27	1.00	3.18					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T08-B	1	2.84E+02		2.84E+02	0.41	1.00	3.18					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T09-B	1	2.26E+02		2.26E+02	0.95	1.00	3.18					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T01-C	1	9.09E+03		9.09E+03	1.21	1.00	3.18					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T02-C	1	1.24E+03		1.24E+03	1.67	1.00	3.18					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T03-C	1	6.10E+02		6.10E+02	0.42	1.00	3.18	10000	1000	1.63E+03	102%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T04-C	1	5.25E+02		5.25E+02	0.86	1.00	3.18					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T05-C	1	4.11E+02		4.11E+02	1.88	1.00	3.18					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T06-C	1	3.63E+02		3.63E+02	0.87	1.00	3.18					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T07-C	1	3.44E+02		3.44E+02	0.70	1.00	3.18					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T08-C	1	2.60E+02		2.60E+02	1.98	1.00	3.18					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T09-C	1	2.41E+02		2.41E+02	2.62	1.00	3.18					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	0.46	1.00	3.18					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-B02-A	1	5.00E-01	U1/2	5.00E-01	0.90	1.00	3.18					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	JaFS-LRef-1314-T01-A	1	5.61E+05		5.61E+05	0.30	6.80	21.60					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T02-A	1	4.82E+04		4.82E+04	1.53	6.80	21.60					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T03-A	1	1.10E+04		1.10E+04	0.78	6.80	21.60	10000	1000	1.19E+04	90%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T04-A	1	7.46E+03		7.46E+03	0.96	6.80	21.60					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T05-A	1	5.32E+03		5.32E+03	0.93	6.80	21.60					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T06-A	1	4.58E+03		4.58E+03	1.22	6.80	21.60					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T07-A	1	3.80E+03		3.80E+03	8.20	6.80	21.60					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T08-A	1	2.66E+03		2.66E+03	1.41	6.80	21.60					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T09-A	1	1.45E+03		1.45E+03	1.20	6.80	21.60					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T01-B	1	6.00E+05		6.00E+05	0.74	6.80	21.60					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T02-B	1	3.94E+04		3.94E+04	1.87	6.80	21.60					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T03-B	1	1.09E+04		1.09E+04	3.09	6.80	21.60	10000	1000	1.18E+04	90%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T04-B	1	7.17E+03		7.17E+03	0.32	6.80	21.60					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T05-B	1	5.19E+03		5.19E+03	1.79	6.80	21.60					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T06-B	1	4.43E+03		4.43E+03	1.80	6.80	21.60					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T07-B	1	4.17E+03		4.17E+03	8.30	6.80	21.60					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T08-B	1	2.60E+03		2.60E+03	0.27	6.80	21.60					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T09-B	1	1.31E+03		1.31E+03	0.23	6.80	21.60					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T01-C	1	5.67E+05		5.67E+05	1.14	6.80	21.60					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T02-C	1	4.46E+04		4.46E+04	1.87	6.80	21.60					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T03-C	1	9.31E+03		9.31E+03	0.91	6.80	21.60	10000	1000	1.02E+04	87%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T04-C	1	7.19E+03		7.19E+03	0.26	6.80	21.60					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T05-C	1	5.22E+03		5.22E+03	3.60	6.80	21.60					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T06-C	1	4.15E+03		4.15E+03	0.56	6.80	21.60					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T07-C	1	3.58E+03		3.58E+03	0.68	6.80	21.60					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T08-C	1	2.02E+03		2.02E+03	2.18	6.80	21.60					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T09-C	1	1.27E+03		1.27E+03	1.31	6.80	21.60					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-B01-A	1	7.63E+00	E	7.63E+00	10.90	6.80	21.60					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-B02-A	1	1.06E+01	E	1.06E+01	3.33	6.80	21.60					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	JaFS-LRef-1314-T01-A	1	2.30E+00	U1/2	2.30E+00	10.92	4.60	14.60					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T02-A	1	2.30E+00	U1/2	2.30E+00	38.46	4.60	14.60					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T03-A	1	2.30E+00	U1/2	2.30E+00	33.65	4.60	14.60	10000	1000	9.27E+02	92%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T04-A	1	2.30E+00	U1/2	2.30E+00	64.27	4.60	14.60					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T05-A	1	2.30E+00	U1/2	2.30E+00	25.65	4.60	14.60					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T06-A	1	2.30E+00	U1/2	2.30E+00	23.46	4.60	14.60					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T07-A	1	2.30E+00	U1/2	2.30E+00	16.40	4.60	14.60					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T08-A	1	2.30E+00	U1/2	2.30E+00	18.44	4.60	14.60					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T09-A	1	2.30E+00	U1/2	2.30E+00	5.45	4.60	14.60					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T01-B	1	2.30E+00	U1/2	2.30E+00	31.74	4.60	14.60					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T02-B	1	2.30E+00	U1/2	2.30E+00	45.96	4.60	14.60					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T03-B	1	2.30E+00	U1/2	2.30E+00	52.62	4.60	14.60	10000	1000	9.22E+02	92%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T04-B	1	2.30E+00	U1/2	2.30E+00	33.77	4.60	14.60					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T05-B	1	2.30E+00	U1/2	2.30E+00	8.51	4.60	14.60					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T06-B	1	2.30E+00	U1/2	2.30E+00	36.07	4.60	14.60					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T07-B	1	2.30E+00	U1/2	2.30E+00	51.03	4.60	14.60					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T08-B	1	2.30E+00	U1/2	2.30E+00	32.00	4.60	14.60					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T09-B	1	2.30E+00	U1/2	2.30E+00	24.90	4.60	14.60					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T01-C	1	2.30E+00	U1/2	2.30E+00	40.12	4.60	14.60					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T02-C	1	2.30E+00	U1/2	2.30E+00	24.38	4.60	14.60					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T03-C	1	2.30E+00	U1/2	2.30E+00	46.66	4.60	14.60	10000	1000	9.41E+02	94%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T04-C	1	2.30E+00	U1/2	2.30E+00	45.09	4.60	14.60					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T05-C	1	2.30E+00	U1/2	2.30E+00	61.35	4.60	14.60					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T06-C	1	2.30E+00	U1/2	2.30E+00	49.91	4.60	14.60					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T07-C	1	2.30E+00	U1/2	2.30E+00	71.11	4.60	14.60					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T08-C	1	2.30E+00	U1/2	2.30E+00	53.96	4.60	14.60					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T09-C	1	2.30E+00	U1/2	2.30E+00	12.72	4.60	14.60					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-B01-A	1	2.30E+00	U1/2	2.30E+00	4.49	4.60	14.60					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-B02-A	1	2.30E+00	U1/2	2.30E+00	48.17	4.60	14.60					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	JaFS-LRef-1314-T01-A	1	1.00E+00	U1/2	1.00E+00	14.17	2.00	6.40					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T02-A	1	1.00E+00	U1/2	1.00E+00	28.48	2.00	6.40					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T03-A	1	1.00E+00	U1/2	1.00E+00	37.51	2.00	6.40	10000	1000	9.07E+02	91%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T04-A	1	1.00E+00	U1/2	1.00E+00	50.66	2.00	6.40					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T05-A	1	1.00E+00	U1/2	1.00E+00	80.36	2.00	6.40					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T06-A	1	1.00E+00	U1/2	1.00E+00	32.44	2.00	6.40					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T07-A	1	1.00E+00	U1/2	1.00E+00	53.15	2.00	6.40					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T08-A	1	1.00E+00	U1/2	1.00E+00	16.85	2.00	6.40					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T09-A	1	1.00E+00	U1/2	1.00E+00	53.97	2.00	6.40					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T01-B	1	1.00E+00	U1/2	1.00E+00	48.72	2.00	6.40					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T02-B	1	1.00E+00	U1/2	1.00E+00	19.76	2.00	6.40					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T03-B	1	1.00E+00	U1/2	1.00E+00	26.25	2.00	6.40	10000	1000	9.04E+02	90%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T04-B	1	1.00E+00	U1/2	1.00E+00	11.33	2.00	6.40					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T05-B	1	1.00E+00	U1/2	1.00E+00	34.21	2.00	6.40					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T06-B	1	1.00E+00	U1/2	1.00E+00	25.81	2.00	6.40					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T07-B	1	1.00E+00	U1/2	1.00E+00	40.40	2.00	6.40					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T08-B	1	1.00E+00	U1/2	1.00E+00	41.62	2.00	6.40					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T09-B	1	1.00E+00	U1/2	1.00E+00	38.56	2.00	6.40					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T01-C	1	1.00E+00	U1/2	1.00E+00	68.12	2.00	6.40					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T02-C	1	1.00E+00	U1/2	1.00E+00	24.16	2.00	6.40					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T03-C	1	1.00E+00	U1/2	1.00E+00	10.75	2.00	6.40	10000	1000	9.12E+02	91%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T04-C	1	1.00E+00	U1/2	1.00E+00	25.57	2.00	6.40					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T05-C	1	1.00E+00	U1/2	1.00E+00	19.59	2.00	6.40					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T06-C	1	1.00E+00	U1/2	1.00E+00	49.49	2.00	6.40					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T07-C	1	1.00E+00	U1/2	1.00E+00	68.58	2.00	6.40					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T08-C	1	1.00E+00	U1/2	1.00E+00	34.46	2.00	6.40					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T09-C	1	1.00E+00	U1/2	1.00E+00	64.89	2.00	6.40					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-B01-A	1	1.00E+00	U1/2	1.00E+00	17.72	2.00	6.40					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-B02-A	1	1.00E+00	U1/2	1.00E+00	57.78	2.00	6.40					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	JaFS-LRef-1314-T01-A	1	1.87E+01		1.87E+01	2.13	1.50	4.77					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T02-A	1	4.80E+00		4.80E+00	8.98	1.50	4.77					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T03-A	1	1.66E+00	E	1.66E+00	23.82	1.50	4.77	10000	1000	9.40E+02	94%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T04-A	1	1.54E+00	E	1.54E+00	11.96	1.50	4.77					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T05-A	1	7.50E-01	U1/2	7.50E-01	27.97	1.50	4.77					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T06-A	1	7.50E-01	U1/2	7.50E-01	7.73	1.50	4.77					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T07-A	1	7.50E-01	U1/2	7.50E-01	25.04	1.50	4.77					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T08-A	1	7.50E-01	U1/2	7.50E-01	8.00	1.50	4.77					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T09-A	1	7.50E-01	U1/2	7.50E-01	28.80	1.50	4.77					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T01-B	1	1.73E+01		1.73E+01	6.13	1.50	4.77					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T02-B	1	3.87E+00	E	3.87E+00	21.19	1.50	4.77					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T03-B	1	1.91E+00	E	1.91E+00	39.31	1.50	4.77	10000	1000	9.39E+02	94%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T04-B	1	1.64E+00	E	1.64E+00	19.02	1.50	4.77					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T05-B	1	7.50E-01	U1/2	7.50E-01	23.84	1.50	4.77					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T06-B	1	7.50E-01	U1/2	7.50E-01	9.20	1.50	4.77					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T07-B	1	7.50E-01	U1/2	7.50E-01	24.19	1.50	4.77					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T08-B	1	7.50E-01	U1/2	7.50E-01	26.35	1.50	4.77					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T09-B	1	7.50E-01	U1/2	7.50E-01	19.97	1.50	4.77					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T01-C	1	1.94E+01		1.94E+01	1.15	1.50	4.77					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T02-C	1	4.73E+00	E	4.73E+00	2.85	1.50	4.77					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T03-C	1	1.83E+00	E	1.83E+00	2.58	1.50	4.77	10000	1000	9.84E+02	98%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T04-C	1	1.70E+00	E	1.70E+00	3.76	1.50	4.77					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T05-C	1	7.50E-01	U1/2	7.50E-01	2.56	1.50	4.77					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T06-C	1	7.50E-01	U1/2	7.50E-01	12.08	1.50	4.77					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T07-C	1	7.50E-01	U1/2	7.50E-01	2.69	1.50	4.77					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T08-C	1	7.50E-01	U1/2	7.50E-01	0.57	1.50	4.77					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T09-C	1	7.50E-01	U1/2	7.50E-01	4.80	1.50	4.77					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-B01-A	1	7.50E-01	U1/2	7.50E-01	29.86	1.50	4.77					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-B02-A	1	7.50E-01	U1/2	7.50E-01	8.29	1.50	4.77					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	JaFS-LRef-1314-T01-A	1	1.42E+03		1.42E+03	1.80	1.00	3.18					VU ICP-OES	5/6/11 12:01 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T02-A	1	4.64E+02		4.64E+02	2.30	1.00	3.18					VU ICP-OES	5/6/11 12:03 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T03-A	1	2.54E+02		2.54E+02	0.40	1.00	3.18	10000	1000	1.21E+03	96%	VU ICP-OES	5/6/11 12:05 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T04-A	1	1.85E+02		1.85E+02	0.73	1.00	3.18					VU ICP-OES	5/6/11 12:06 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T05-A	1	1.33E+02		1.33E+02	0.78	1.00	3.18					VU ICP-OES	5/6/11 12:08 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T06-A	1	7.17E+01		7.17E+01	1.39	1.00	3.18					VU ICP-OES	5/6/11 12:10 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T07-A	1	4.86E+01		4.86E+01	4.81	1.00	3.18					VU ICP-OES	5/6/11 12:11 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T08-A	1	3.41E+01		3.41E+01	0.83	1.00	3.18					VU ICP-OES	5/6/11 12:13 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T09-A	1	2.16E+01		2.16E+01	1.28	1.00	3.18					VU ICP-OES	5/6/11 12:15 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T01-B	1	1.86E+03		1.86E+03	0.86	1.00	3.18					VU ICP-OES	5/6/11 12:16 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T02-B	1	5.17E+02		5.17E+02	1.72	1.00	3.18					VU ICP-OES	5/6/11 12:18 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T03-B	1	2.91E+02		2.91E+02	1.84	1.00	3.18	10000	1000	1.23E+03	94%	VU ICP-OES	5/6/11 12:20 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T04-B	1	1.81E+02		1.81E+02	0.88	1.00	3.18					VU ICP-OES	5/6/11 12:21 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T05-B	1	1.56E+02		1.56E+02	1.49	1.00	3.18					VU ICP-OES	5/6/11 12:23 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T06-B	1	7.89E+01		7.89E+01	1.51	1.00	3.18					VU ICP-OES	5/6/11 12:45 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T07-B	1	5.54E+01		5.54E+01	0.93	1.00	3.18					VU ICP-OES	5/6/11 12:25 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T08-B	1	3.51E+01		3.51E+01	2.19	1.00	3.18					VU ICP-OES	5/6/11 12:26 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T09-B	1	2.04E+01		2.04E+01	2.79	1.00	3.18					VU ICP-OES	5/6/11 12:28 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T01-C	1	1.81E+03		1.81E+03	1.94	1.00	3.18					VU ICP-OES	5/6/11 12:30 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T02-C	1	4.69E+02		4.69E+02	1.91	1.00	3.18					VU ICP-OES	5/6/11 12:31 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T03-C	1	2.54E+02		2.54E+02	1.05	1.00	3.18	10000	1000	1.13E+03	87%	VU ICP-OES	5/6/11 12:33 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T04-C	1	1.75E+02		1.75E+02	2.78	1.00	3.18					VU ICP-OES	5/6/11 12:35 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T05-C	1	1.34E+02		1.34E+02	2.28	1.00	3.18					VU ICP-OES	5/6/11 12:36 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T06-C	1	7.12E+01		7.12E+01	1.49	1.00	3.18					VU ICP-OES	5/6/11 12:38 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T07-C	1	4.49E+01		4.49E+01	0.29	1.00	3.18					VU ICP-OES	5/6/11 12:40 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T08-C	1	3.63E+01		3.63E+01	1.46	1.00	3.18					VU ICP-OES	5/6/11 12:41 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T09-C	1	2.36E+01		2.36E+01	1.79	1.00	3.18					VU ICP-OES	5/6/11 12:43 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-B01-A	1	5.00E-01	U1/2	5.00E-01	11.50	1.00	3.18					VU ICP-OES	5/5/11 3:10 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-B02-A	1	5.00E-01	U1/2	5.00E-01	1.07	1.00	3.18					VU ICP-OES	9/2/11 1:28 PM	EPA Interlab LRef 1314 JaFS

QA-QC Spreadsheet 1314:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	JaFS-LRef-1314-T01-D	1	7.00E+01		7.00E+01	3.38	1.00	3.18					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T02-D	1	4.32E+01		4.32E+01	3.51	1.00	3.18					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T03-D	1	2.01E+01		2.01E+01	6.99	1.00	3.18	10000	1000	9.31E+02	91%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T04-D	1	1.78E+01		1.78E+01	2.58	1.00	3.18					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T05-D	1	1.68E+01		1.68E+01	5.05	1.00	3.18					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T06-D	1	1.74E+01		1.74E+01	7.25	1.00	3.18					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T07-D	1	1.73E+01		1.73E+01	2.67	1.00	3.18					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T08-D	1	1.56E+01		1.56E+01	1.86	1.00	3.18					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T09-D	1	1.53E+01		1.53E+01	10.10	1.00	3.18					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T01-E	1	7.58E+01		7.58E+01	0.30	1.00	3.18					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T02-E	1	5.41E+01		5.41E+01	1.36	1.00	3.18					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T03-E	1	2.80E+01		2.80E+01	7.64	1.00	3.18	10000	1000	9.62E+02	93%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T04-E	1	2.03E+01		2.03E+01	1.46	1.00	3.18					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T05-E	1	1.68E+01		1.68E+01	3.53	1.00	3.18					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T06-E	1	1.71E+01		1.71E+01	2.51	1.00	3.18					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T07-E	1	1.60E+01		1.60E+01	1.60	1.00	3.18					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T08-E	1	1.48E+01		1.48E+01	2.74	1.00	3.18					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T09-E	1	1.43E+01		1.43E+01	3.52	1.00	3.18					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T01-F	1	6.78E+01		6.78E+01	3.86	1.00	3.18					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T02-F	1	5.11E+01		5.11E+01	8.51	1.00	3.18					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T03-F	1	2.39E+01		2.39E+01	6.23	1.00	3.18	10000	1000	9.78E+02	95%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T04-F	1	2.03E+01		2.03E+01	4.06	1.00	3.18					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T05-F	1	1.64E+01		1.64E+01	2.30	1.00	3.18					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T06-F	1	1.77E+01		1.77E+01	15.93	1.00	3.18					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T07-F	1	1.79E+01		1.79E+01	2.10	1.00	3.18					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T08-F	1	1.68E+01		1.68E+01	3.14	1.00	3.18					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Al	JaFS-LRef-1314-T09-F	1	1.54E+01		1.54E+01	2.48	1.00	3.18					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	JaFS-LRef-1314-T01-D	1	3.75E+00	U1/2	3.75E+00	6.19	7.50	23.90					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T02-D	1	3.75E+00	U1/2	3.75E+00	31.86	7.50	23.90					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T03-D	1	3.75E+00	U1/2	3.75E+00	58.41	7.50	23.90	10000	1000	9.96E+02	99%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T04-D	1	3.75E+00	U1/2	3.75E+00	24.34	7.50	23.90					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T05-D	1	3.75E+00	U1/2	3.75E+00	47.96	7.50	23.90					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T06-D	1	3.75E+00	U1/2	3.75E+00	25.08	7.50	23.90					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T07-D	1	3.75E+00	U1/2	3.75E+00	42.56	7.50	23.90					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T08-D	1	3.75E+00	U1/2	3.75E+00	53.08	7.50	23.90					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T09-D	1	3.75E+00	U1/2	3.75E+00	54.35	7.50	23.90					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T01-E	1	3.75E+00	U1/2	3.75E+00	14.76	7.50	23.90					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T02-E	1	3.75E+00	U1/2	3.75E+00	63.77	7.50	23.90					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T03-E	1	3.75E+00	U1/2	3.75E+00	13.60	7.50	23.90	10000	1000	9.15E+02	91%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T04-E	1	3.75E+00	U1/2	3.75E+00	53.01	7.50	23.90					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T05-E	1	3.75E+00	U1/2	3.75E+00	23.53	7.50	23.90					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T06-E	1	3.75E+00	U1/2	3.75E+00	47.69	7.50	23.90					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T07-E	1	3.75E+00	U1/2	3.75E+00	30.92	7.50	23.90					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T08-E	1	3.75E+00	U1/2	3.75E+00	59.39	7.50	23.90					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T09-E	1	3.75E+00	U1/2	3.75E+00	26.70	7.50	23.90					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T01-F	1	3.75E+00	U1/2	3.75E+00	26.62	7.50	23.90					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T02-F	1	3.75E+00	U1/2	3.75E+00	18.67	7.50	23.90					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T03-F	1	3.75E+00	U1/2	3.75E+00	44.49	7.50	23.90	10000	1000	9.32E+02	93%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T04-F	1	3.75E+00	U1/2	3.75E+00	62.87	7.50	23.90					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T05-F	1	3.75E+00	U1/2	3.75E+00	45.30	7.50	23.90					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T06-F	1	3.75E+00	U1/2	3.75E+00	64.86	7.50	23.90					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T07-F	1	3.75E+00	U1/2	3.75E+00	45.12	7.50	23.90					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T08-F	1	3.75E+00	U1/2	3.75E+00	3.56	7.50	23.90					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Sb	JaFS-LRef-1314-T09-F	1	3.75E+00	U1/2	3.75E+00	59.92	7.50	23.90					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	JaFS-LRef-1314-T01-D	1	5.50E+00	U1/2	5.50E+00	21.31	11.00	35.00					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T02-D	1	5.50E+00	U1/2	5.50E+00	49.70	11.00	35.00					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T03-D	1	5.50E+00	U1/2	5.50E+00	28.93	11.00	35.00	10000	1000	9.34E+02	93%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T04-D	1	5.50E+00	U1/2	5.50E+00	9.58	11.00	35.00					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T05-D	1	5.50E+00	U1/2	5.50E+00	51.93	11.00	35.00					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T06-D	1	5.50E+00	U1/2	5.50E+00	56.06	11.00	35.00					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T07-D	1	5.50E+00	U1/2	5.50E+00	20.85	11.00	35.00					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T08-D	1	5.50E+00	U1/2	5.50E+00	21.39	11.00	35.00					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T09-D	1	5.50E+00	U1/2	5.50E+00	12.93	11.00	35.00					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T01-E	1	5.50E+00	U1/2	5.50E+00	71.67	11.00	35.00					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T02-E	1	5.50E+00	U1/2	5.50E+00	68.99	11.00	35.00					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T03-E	1	5.50E+00	U1/2	5.50E+00	85.75	11.00	35.00	10000	1000	9.30E+02	92%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T04-E	1	5.50E+00	U1/2	5.50E+00	22.35	11.00	35.00					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T05-E	1	5.50E+00	U1/2	5.50E+00	22.66	11.00	35.00					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T06-E	1	5.50E+00	U1/2	5.50E+00	25.13	11.00	35.00					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T07-E	1	5.50E+00	U1/2	5.50E+00	36.03	11.00	35.00					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T08-E	1	5.50E+00	U1/2	5.50E+00	26.58	11.00	35.00					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T09-E	1	5.50E+00	U1/2	5.50E+00	1.04	11.00	35.00					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T01-F	1	5.50E+00	U1/2	5.50E+00	33.33	11.00	35.00					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T02-F	1	5.50E+00	U1/2	5.50E+00	18.63	11.00	35.00					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T03-F	1	5.50E+00	U1/2	5.50E+00	17.27	11.00	35.00	10000	1000	9.44E+02	94%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T04-F	1	5.50E+00	U1/2	5.50E+00	14.94	11.00	35.00					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T05-F	1	5.50E+00	U1/2	5.50E+00	36.60	11.00	35.00					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T06-F	1	5.50E+00	U1/2	5.50E+00	22.27	11.00	35.00					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T07-F	1	5.50E+00	U1/2	5.50E+00	76.78	11.00	35.00					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T08-F	1	5.50E+00	U1/2	5.50E+00	3.70	11.00	35.00					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
As	JaFS-LRef-1314-T09-F	1	5.50E+00	U1/2	5.50E+00	46.01	11.00	35.00					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	JaFS-LRef-1314-T01-D	1	1.76E+05		1.76E+05	0.85	1.00	3.18					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T02-D	1	6.25E+04		6.25E+04	2.30	1.00	3.18					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T03-D	1	1.91E+04		1.91E+04	3.70	1.00	3.18	10000	1000	2.01E+04	92%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T04-D	1	9.38E+03		9.38E+03	0.83	1.00	3.18					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T05-D	1	5.54E+03		5.54E+03	1.62	1.00	3.18					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T06-D	1	3.62E+03		3.62E+03	2.38	1.00	3.18					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T07-D	1	2.04E+03		2.04E+03	1.17	1.00	3.18					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T08-D	1	1.53E+03		1.53E+03	3.03	1.00	3.18					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T09-D	1	8.75E+02		8.75E+02	3.29	1.00	3.18					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T01-E	1	1.76E+05		1.76E+05	0.95	1.00	3.18					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T02-E	1	6.17E+04		6.17E+04	2.37	1.00	3.18					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T03-E	1	1.90E+04		1.90E+04	0.71	1.00	3.18	10000	1000	1.99E+04	94%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T04-E	1	9.02E+03		9.02E+03	1.74	1.00	3.18					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T05-E	1	5.65E+03		5.65E+03	2.33	1.00	3.18					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T06-E	1	3.11E+03		3.11E+03	2.81	1.00	3.18					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T07-E	1	2.11E+03		2.11E+03	0.52	1.00	3.18					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T08-E	1	1.53E+03		1.53E+03	1.65	1.00	3.18					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T09-E	1	7.92E+02		7.92E+02	0.89	1.00	3.18					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T01-F	1	1.76E+05		1.76E+05	1.54	1.00	3.18					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T02-F	1	6.14E+04		6.14E+04	2.06	1.00	3.18					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T03-F	1	1.91E+04		1.91E+04	3.28	1.00	3.18	10000	1000	2.01E+04	95%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T04-F	1	9.20E+03		9.20E+03	0.72	1.00	3.18					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T05-F	1	5.17E+03		5.17E+03	1.81	1.00	3.18					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T06-F	1	3.62E+03		3.62E+03	1.66	1.00	3.18					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T07-F	1	2.16E+03		2.16E+03	0.50	1.00	3.18					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T08-F	1	1.68E+03		1.68E+03	3.18	1.00	3.18					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
B	JaFS-LRef-1314-T09-F	1	7.52E+02		7.52E+02	2.24	1.00	3.18					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	JaFS-LRef-1314-T01-D	1	1.21E+02		1.21E+02	0.85	1.00	3.18					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T02-D	1	8.86E+01		8.86E+01	2.30	1.00	3.18					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T03-D	1	4.79E+01		4.79E+01	3.70	1.00	3.18	10000	1000	1.02E+03	97%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T04-D	1	3.64E+01		3.64E+01	0.83	1.00	3.18					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T05-D	1	3.35E+01		3.35E+01	1.62	1.00	3.18					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T06-D	1	2.15E+01		2.15E+01	2.38	1.00	3.18					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T07-D	1	1.60E+01		1.60E+01	1.17	1.00	3.18					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T08-D	1	1.14E+01		1.14E+01	3.03	1.00	3.18					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T09-D	1	1.08E+01		1.08E+01	3.29	1.00	3.18					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T01-E	1	1.14E+02		1.14E+02	0.95	1.00	3.18					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T02-E	1	8.65E+01		8.65E+01	2.37	1.00	3.18					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T03-E	1	4.91E+01		4.91E+01	0.71	1.00	3.18	10000	1000	9.86E+02	94%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T04-E	1	3.31E+01		3.31E+01	1.74	1.00	3.18					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T05-E	1	3.22E+01		3.22E+01	2.33	1.00	3.18					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T06-E	1	2.52E+01		2.52E+01	2.81	1.00	3.18					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T07-E	1	1.51E+01		1.51E+01	0.52	1.00	3.18					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T08-E	1	1.20E+01		1.20E+01	1.65	1.00	3.18					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T09-E	1	1.14E+01		1.14E+01	0.89	1.00	3.18					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T01-F	1	1.19E+02		1.19E+02	1.54	1.00	3.18					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T02-F	1	8.54E+01		8.54E+01	2.06	1.00	3.18					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T03-F	1	5.37E+01		5.37E+01	3.28	1.00	3.18	10000	1000	9.65E+02	91%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T04-F	1	4.03E+01		4.03E+01	0.72	1.00	3.18					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T05-F	1	3.61E+01		3.61E+01	1.81	1.00	3.18					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T06-F	1	2.26E+01		2.26E+01	1.66	1.00	3.18					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T07-F	1	1.55E+01		1.55E+01	0.50	1.00	3.18					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T08-F	1	1.05E+01		1.05E+01	3.18	1.00	3.18					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Ba	JaFS-LRef-1314-T09-F	1	9.11E+00		9.11E+00	27.24	1.00	3.18					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	JaFS-LRef-1314-T01-D	1	9.50E-01	U1/2	9.50E-01	38.31	1.90	6.00					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T02-D	1	9.50E-01	U1/2	9.50E-01	39.38	1.90	6.00					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T03-D	1	9.50E-01	U1/2	9.50E-01	32.80	1.90	6.00	10000	1000	9.40E+02	94%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T04-D	1	9.50E-01	U1/2	9.50E-01	41.65	1.90	6.00					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T05-D	1	9.50E-01	U1/2	9.50E-01	22.36	1.90	6.00					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T06-D	1	9.50E-01	U1/2	9.50E-01	39.73	1.90	6.00					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T07-D	1	9.50E-01	U1/2	9.50E-01	40.76	1.90	6.00					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T08-D	1	9.50E-01	U1/2	9.50E-01	16.24	1.90	6.00					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T09-D	1	9.50E-01	U1/2	9.50E-01	27.07	1.90	6.00					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T01-E	1	9.50E-01	U1/2	9.50E-01	68.66	1.90	6.00					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T02-E	1	9.50E-01	U1/2	9.50E-01	17.89	1.90	6.00					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T03-E	1	9.50E-01	U1/2	9.50E-01	2.66	1.90	6.00	10000	1000	9.26E+02	93%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T04-E	1	9.50E-01	U1/2	9.50E-01	24.95	1.90	6.00					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T05-E	1	9.50E-01	U1/2	9.50E-01	35.75	1.90	6.00					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T06-E	1	9.50E-01	U1/2	9.50E-01	51.10	1.90	6.00					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T07-E	1	9.50E-01	U1/2	9.50E-01	60.64	1.90	6.00					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T08-E	1	9.50E-01	U1/2	9.50E-01	13.88	1.90	6.00					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T09-E	1	9.50E-01	U1/2	9.50E-01	25.19	1.90	6.00					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T01-F	1	9.50E-01	U1/2	9.50E-01	62.41	1.90	6.00					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T02-F	1	9.50E-01	U1/2	9.50E-01	22.85	1.90	6.00					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T03-F	1	9.50E-01	U1/2	9.50E-01	33.52	1.90	6.00	10000	1000	9.20E+02	92%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T04-F	1	9.50E-01	U1/2	9.50E-01	15.56	1.90	6.00					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T05-F	1	9.50E-01	U1/2	9.50E-01	34.20	1.90	6.00					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T06-F	1	9.50E-01	U1/2	9.50E-01	14.45	1.90	6.00					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T07-F	1	9.50E-01	U1/2	9.50E-01	33.25	1.90	6.00					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T08-F	1	9.50E-01	U1/2	9.50E-01	4.02	1.90	6.00					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Be	JaFS-LRef-1314-T09-F	1	9.50E-01	U1/2	9.50E-01	38.85	1.90	6.00					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	JaFS-LRef-1314-T01-D	1	1.72E+01		1.72E+01	2.92	2.20	7.00					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T02-D	1	2.61E+00	E	2.61E+00	2.97	2.20	7.00					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T03-D	1	1.10E+00	U1/2	1.10E+00	7.63	2.20	7.00	10000	1000	9.88E+02	99%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T04-D	1	1.10E+00	U1/2	1.10E+00	5.52	2.20	7.00					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T05-D	1	1.10E+00	U1/2	1.10E+00	49.28	2.20	7.00					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T06-D	1	1.10E+00	U1/2	1.10E+00	19.77	2.20	7.00					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T07-D	1	1.10E+00	U1/2	1.10E+00	21.55	2.20	7.00					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T08-D	1	1.10E+00	U1/2	1.10E+00	24.14	2.20	7.00					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T09-D	1	1.10E+00	U1/2	1.10E+00	88.66	2.20	7.00					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T01-E	1	2.08E+01		2.08E+01	0.89	2.20	7.00					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T02-E	1	2.73E+00	E	2.73E+00	6.38	2.20	7.00					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T03-E	1	1.10E+00	U1/2	1.10E+00	10.98	2.20	7.00	10000	1000	9.20E+02	92%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T04-E	1	1.10E+00	U1/2	1.10E+00	11.17	2.20	7.00					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T05-E	1	1.10E+00	U1/2	1.10E+00	10.46	2.20	7.00					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T06-E	1	1.10E+00	U1/2	1.10E+00	9.93	2.20	7.00					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T07-E	1	1.10E+00	U1/2	1.10E+00	43.72	2.20	7.00					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T08-E	1	1.10E+00	U1/2	1.10E+00	41.48	2.20	7.00					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T09-E	1	1.10E+00	U1/2	1.10E+00	18.19	2.20	7.00					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T01-F	1	1.61E+01		1.61E+01	8.28	2.20	7.00					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T02-F	1	2.42E+00	E	2.42E+00	14.24	2.20	7.00					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T03-F	1	1.10E+00	U1/2	1.10E+00	21.65	2.20	7.00	10000	1000	9.43E+02	94%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T04-F	1	1.10E+00	U1/2	1.10E+00	14.39	2.20	7.00					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T05-F	1	1.10E+00	U1/2	1.10E+00	23.49	2.20	7.00					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T06-F	1	1.10E+00	U1/2	1.10E+00	9.97	2.20	7.00					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T07-F	1	1.10E+00	U1/2	1.10E+00	59.11	2.20	7.00					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T08-F	1	1.10E+00	U1/2	1.10E+00	3.53	2.20	7.00					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Cd	JaFS-LRef-1314-T09-F	1	1.10E+00	U1/2	1.10E+00	13.36	2.20	7.00					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	JaFS-LRef-1314-T01-D	1	3.10E+05		3.10E+05	0.67	2.60	8.30					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T02-D	1	3.85E+04		3.85E+04	1.37	2.60	8.30					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T03-D	1	1.83E+04		1.83E+04	3.04	2.60	8.30	10000	1000	1.92E+04	94%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T04-D	1	1.68E+04		1.68E+04	0.35	2.60	8.30					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T05-D	1	1.63E+04		1.63E+04	0.20	2.60	8.30					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T06-D	1	1.31E+04		1.31E+04	2.05	2.60	8.30					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T07-D	1	1.09E+04		1.09E+04	1.39	2.60	8.30					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T08-D	1	9.75E+03		9.75E+03	2.55	2.60	8.30					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T09-D	1	1.03E+04		1.03E+04	1.27	2.60	8.30					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T01-E	1	3.13E+05		3.13E+05	1.20	2.60	8.30					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T02-E	1	4.11E+04		4.11E+04	2.18	2.60	8.30					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T03-E	1	1.73E+04		1.73E+04	0.57	2.60	8.30	10000	1000	1.82E+04	90%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T04-E	1	1.68E+04		1.68E+04	1.94	2.60	8.30					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T05-E	1	1.55E+04		1.55E+04	2.30	2.60	8.30					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T06-E	1	1.26E+04		1.26E+04	1.71	2.60	8.30					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T07-E	1	1.11E+04		1.11E+04	1.11	2.60	8.30					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T08-E	1	9.79E+03		9.79E+03	1.05	2.60	8.30					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T09-E	1	1.01E+04		1.01E+04	2.15	2.60	8.30					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T01-F	1	3.03E+05		3.03E+05	1.66	2.60	8.30					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T02-F	1	4.04E+04		4.04E+04	1.84	2.60	8.30					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T03-F	1	1.68E+04		1.68E+04	2.69	2.60	8.30	10000	1000	1.77E+04	92%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T04-F	1	1.50E+04		1.50E+04	0.85	2.60	8.30					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T05-F	1	1.47E+04		1.47E+04	2.66	2.60	8.30					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T06-F	1	1.19E+04		1.19E+04	0.76	2.60	8.30					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T07-F	1	1.05E+04		1.05E+04	1.69	2.60	8.30					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T08-F	1	9.85E+03		9.85E+03	0.98	2.60	8.30					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Ca	JaFS-LRef-1314-T09-F	1	1.02E+04		1.02E+04	0.61	2.60	8.30					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	JaFS-LRef-1314-T01-D	1	6.00E-01	U1/2	6.00E-01	24.69	1.20	3.82					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T02-D	1	6.00E-01	U1/2	6.00E-01	14.05	1.20	3.82					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T03-D	1	6.00E-01	U1/2	6.00E-01	5.78	1.20	3.82	10000	1000	9.23E+02	92%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T04-D	1	6.00E-01	U1/2	6.00E-01	59.56	1.20	3.82					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T05-D	1	6.00E-01	U1/2	6.00E-01	47.43	1.20	3.82					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T06-D	1	6.00E-01	U1/2	6.00E-01	51.47	1.20	3.82					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T07-D	1	6.00E-01	U1/2	6.00E-01	19.11	1.20	3.82					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T08-D	1	6.00E-01	U1/2	6.00E-01	27.76	1.20	3.82					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T09-D	1	6.00E-01	U1/2	6.00E-01	29.22	1.20	3.82					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T01-E	1	6.00E-01	U1/2	6.00E-01	23.03	1.20	3.82					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T02-E	1	6.00E-01	U1/2	6.00E-01	59.61	1.20	3.82					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T03-E	1	6.00E-01	U1/2	6.00E-01	12.67	1.20	3.82	10000	1000	9.31E+02	93%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T04-E	1	6.00E-01	U1/2	6.00E-01	40.94	1.20	3.82					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T05-E	1	6.00E-01	U1/2	6.00E-01	26.52	1.20	3.82					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T06-E	1	6.00E-01	U1/2	6.00E-01	33.34	1.20	3.82					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T07-E	1	6.00E-01	U1/2	6.00E-01	32.77	1.20	3.82					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T08-E	1	6.00E-01	U1/2	6.00E-01	5.73	1.20	3.82					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T09-E	1	6.00E-01	U1/2	6.00E-01	10.65	1.20	3.82					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T01-F	1	6.00E-01	U1/2	6.00E-01	51.14	1.20	3.82					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T02-F	1	6.00E-01	U1/2	6.00E-01	32.55	1.20	3.82					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T03-F	1	6.00E-01	U1/2	6.00E-01	88.10	1.20	3.82	10000	1000	9.34E+02	93%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T04-F	1	6.00E-01	U1/2	6.00E-01	7.28	1.20	3.82					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T05-F	1	6.00E-01	U1/2	6.00E-01	35.58	1.20	3.82					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T06-F	1	6.00E-01	U1/2	6.00E-01	33.19	1.20	3.82					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T07-F	1	6.00E-01	U1/2	6.00E-01	37.69	1.20	3.82					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T08-F	1	6.00E-01	U1/2	6.00E-01	3.13	1.20	3.82					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Cr	JaFS-LRef-1314-T09-F	1	6.00E-01	U1/2	6.00E-01	5.82	1.20	3.82					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	JaFS-LRef-1314-T01-D	1	9.00E-01	U1/2	9.00E-01	16.56	1.80	5.72					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T02-D	1	9.00E-01	U1/2	9.00E-01	35.18	1.80	5.72					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T03-D	1	9.00E-01	U1/2	9.00E-01	37.48	1.80	5.72	10000	1000	9.14E+02	91%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T04-D	1	9.00E-01	U1/2	9.00E-01	53.02	1.80	5.72					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T05-D	1	9.00E-01	U1/2	9.00E-01	54.63	1.80	5.72					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T06-D	1	9.00E-01	U1/2	9.00E-01	26.65	1.80	5.72					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T07-D	1	9.00E-01	U1/2	9.00E-01	18.80	1.80	5.72					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T08-D	1	9.00E-01	U1/2	9.00E-01	28.11	1.80	5.72					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T09-D	1	9.00E-01	U1/2	9.00E-01	56.44	1.80	5.72					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T01-E	1	9.00E-01	U1/2	9.00E-01	47.30	1.80	5.72					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T02-E	1	9.00E-01	U1/2	9.00E-01	19.75	1.80	5.72					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T03-E	1	9.00E-01	U1/2	9.00E-01	41.81	1.80	5.72	10000	1000	9.36E+02	93%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T04-E	1	9.00E-01	U1/2	9.00E-01	15.88	1.80	5.72					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T05-E	1	9.00E-01	U1/2	9.00E-01	31.21	1.80	5.72					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T06-E	1	9.00E-01	U1/2	9.00E-01	17.35	1.80	5.72					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T07-E	1	9.00E-01	U1/2	9.00E-01	37.72	1.80	5.72					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T08-E	1	9.00E-01	U1/2	9.00E-01	42.74	1.80	5.72					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T09-E	1	9.00E-01	U1/2	9.00E-01	53.91	1.80	5.72					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T01-F	1	9.00E-01	U1/2	9.00E-01	41.32	1.80	5.72					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T02-F	1	9.00E-01	U1/2	9.00E-01	41.20	1.80	5.72					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T03-F	1	9.00E-01	U1/2	9.00E-01	33.48	1.80	5.72	10000	1000	9.26E+02	92%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T04-F	1	9.00E-01	U1/2	9.00E-01	22.79	1.80	5.72					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T05-F	1	9.00E-01	U1/2	9.00E-01	4.49	1.80	5.72					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T06-F	1	9.00E-01	U1/2	9.00E-01	23.17	1.80	5.72					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T07-F	1	9.00E-01	U1/2	9.00E-01	25.12	1.80	5.72					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T08-F	1	9.00E-01	U1/2	9.00E-01	3.38	1.80	5.72					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Co	JaFS-LRef-1314-T09-F	1	9.00E-01	U1/2	9.00E-01	28.51	1.80	5.72					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	JaFS-LRef-1314-T01-D	1	1.21E+03		1.21E+03	0.47	3.70	11.80					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T02-D	1	7.71E+02		7.71E+02	0.87	3.70	11.80					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T03-D	1	4.38E+02		4.38E+02	2.68	3.70	11.80	10000	1000	1.42E+03	99%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T04-D	1	2.54E+02		2.54E+02	0.58	3.70	11.80					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T05-D	1	1.56E+02		1.56E+02	1.75	3.70	11.80					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T06-D	1	1.23E+02		1.23E+02	1.77	3.70	11.80					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T07-D	1	1.12E+02		1.12E+02	0.56	3.70	11.80					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T08-D	1	7.50E+01		7.50E+01	1.88	3.70	11.80					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T09-D	1	5.27E+01		5.27E+01	2.23	3.70	11.80					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T01-E	1	1.24E+03		1.24E+03	1.91	3.70	11.80					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T02-E	1	7.35E+02		7.35E+02	2.15	3.70	11.80					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T03-E	1	4.17E+02		4.17E+02	0.60	3.70	11.80	10000	1000	1.44E+03	103%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T04-E	1	2.55E+02		2.55E+02	0.77	3.70	11.80					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T05-E	1	2.04E+02		2.04E+02	2.15	3.70	11.80					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T06-E	1	1.51E+02		1.51E+02	1.11	3.70	11.80					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T07-E	1	1.02E+02		1.02E+02	2.01	3.70	11.80					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T08-E	1	7.58E+01		7.58E+01	1.04	3.70	11.80					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T09-E	1	5.94E+01		5.94E+01	1.36	3.70	11.80					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T01-F	1	1.23E+03		1.23E+03	2.02	3.70	11.80					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T02-F	1	7.41E+02		7.41E+02	2.82	3.70	11.80					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T03-F	1	4.26E+02		4.26E+02	4.87	3.70	11.80	10000	1000	1.40E+03	98%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T04-F	1	2.65E+02		2.65E+02	2.64	3.70	11.80					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T05-F	1	2.06E+02		2.06E+02	2.50	3.70	11.80					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T06-F	1	1.53E+02		1.53E+02	1.91	3.70	11.80					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T07-F	1	9.62E+01		9.62E+01	1.74	3.70	11.80					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T08-F	1	7.11E+01		7.11E+01	2.11	3.70	11.80					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Cu	JaFS-LRef-1314-T09-F	1	5.48E+01		5.48E+01	4.13	3.70	11.80					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	JaFS-LRef-1314-T01-D	1	1.00E+00	U1/2	1.00E+00	7.46	2.00	6.40					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T02-D	1	1.00E+00	U1/2	1.00E+00	7.52	2.00	6.40					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T03-D	1	1.00E+00	U1/2	1.00E+00	14.43	2.00	6.40	10000	1000	9.34E+02	93%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T04-D	1	1.00E+00	U1/2	1.00E+00	4.95	2.00	6.40					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T05-D	1	1.00E+00	U1/2	1.00E+00	18.56	2.00	6.40					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T06-D	1	1.00E+00	U1/2	1.00E+00	4.12	2.00	6.40					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T07-D	1	1.00E+00	U1/2	1.00E+00	22.09	2.00	6.40					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T08-D	1	1.00E+00	U1/2	1.00E+00	17.92	2.00	6.40					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T09-D	1	1.00E+00	U1/2	1.00E+00	21.37	2.00	6.40					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T01-E	1	1.00E+00	U1/2	1.00E+00	1.79	2.00	6.40					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T02-E	1	1.00E+00	U1/2	1.00E+00	8.50	2.00	6.40					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T03-E	1	1.00E+00	U1/2	1.00E+00	14.03	2.00	6.40	10000	1000	9.68E+02	97%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T04-E	1	1.00E+00	U1/2	1.00E+00	2.38	2.00	6.40					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T05-E	1	1.00E+00	U1/2	1.00E+00	10.51	2.00	6.40					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T06-E	1	1.00E+00	U1/2	1.00E+00	16.93	2.00	6.40					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T07-E	1	1.00E+00	U1/2	1.00E+00	1.37	2.00	6.40					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T08-E	1	1.00E+00	U1/2	1.00E+00	14.13	2.00	6.40					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T09-E	1	1.00E+00	U1/2	1.00E+00	20.42	2.00	6.40					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T01-F	1	1.00E+00	U1/2	1.00E+00	18.89	2.00	6.40					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T02-F	1	1.00E+00	U1/2	1.00E+00	18.63	2.00	6.40					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T03-F	1	1.00E+00	U1/2	1.00E+00	18.21	2.00	6.40	10000	1000	9.55E+02	95%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T04-F	1	1.00E+00	U1/2	1.00E+00	22.03	2.00	6.40					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T05-F	1	1.00E+00	U1/2	1.00E+00	4.46	2.00	6.40					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T06-F	1	1.00E+00	U1/2	1.00E+00	10.94	2.00	6.40					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T07-F	1	1.00E+00	U1/2	1.00E+00	6.98	2.00	6.40					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T08-F	1	1.00E+00	U1/2	1.00E+00	3.19	2.00	6.40					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Fe	JaFS-LRef-1314-T09-F	1	1.00E+00	U1/2	1.00E+00	1.11	2.00	6.40					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	JaFS-LRef-1314-T01-D	1	7.67E+01		7.67E+01	9.49	6.80	21.60					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T02-D	1	1.11E+02		1.11E+02	2.79	6.80	21.60					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T03-D	1	9.50E+01		9.50E+01	1.61	6.80	21.60	10000	1000	1.06E+03	97%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T04-D	1	8.62E+01		8.62E+01	6.27	6.80	21.60					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T05-D	1	7.13E+01		7.13E+01	2.44	6.80	21.60					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T06-D	1	5.95E+01		5.95E+01	3.26	6.80	21.60					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T07-D	1	4.02E+01		4.02E+01	8.41	6.80	21.60					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T08-D	1	3.24E+01		3.24E+01	9.70	6.80	21.60					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T09-D	1	3.15E+01		3.15E+01	10.77	6.80	21.60					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T01-E	1	8.36E+01		8.36E+01	2.30	6.80	21.60					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T02-E	1	1.29E+02		1.29E+02	3.51	6.80	21.60					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T03-E	1	1.09E+02		1.09E+02	3.50	6.80	21.60	10000	1000	9.98E+02	89%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T04-E	1	9.59E+01		9.59E+01	5.03	6.80	21.60					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T05-E	1	8.01E+01		8.01E+01	3.76	6.80	21.60					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T06-E	1	6.80E+01		6.80E+01	5.06	6.80	21.60					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T07-E	1	5.17E+01		5.17E+01	4.07	6.80	21.60					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T08-E	1	5.36E+01		5.36E+01	2.75	6.80	21.60					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T09-E	1	4.08E+01		4.08E+01	6.19	6.80	21.60					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T01-F	1	8.07E+01		8.07E+01	2.82	6.80	21.60					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T02-F	1	1.04E+02		1.04E+02	2.92	6.80	21.60					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T03-F	1	9.54E+01		9.54E+01	5.20	6.80	21.60	10000	1000	1.01E+03	92%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T04-F	1	7.89E+01		7.89E+01	4.87	6.80	21.60					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T05-F	1	6.08E+01		6.08E+01	1.38	6.80	21.60					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T06-F	1	5.60E+01		5.60E+01	8.81	6.80	21.60					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T07-F	1	4.83E+01		4.83E+01	7.52	6.80	21.60					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T08-F	1	3.65E+01		3.65E+01	2.78	6.80	21.60					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Pb	JaFS-LRef-1314-T09-F	1	3.20E+01		3.20E+01	1.71	6.80	21.60					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	JaFS-LRef-1314-T01-D	1	8.30E+01		8.30E+01	5.52	1.90	6.00					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T02-D	1	1.23E+01		1.23E+01	1.22	1.90	6.00					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T03-D	1	2.36E+00	E	2.36E+00	8.10	1.90	6.00	10000	1000	8.75E+02	87%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T04-D	1	9.50E-01	U1/2	9.50E-01	30.37	1.90	6.00					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T05-D	1	9.50E-01	U1/2	9.50E-01	13.70	1.90	6.00					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T06-D	1	9.50E-01	U1/2	9.50E-01	53.01	1.90	6.00					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T07-D	1	9.50E-01	U1/2	9.50E-01	65.32	1.90	6.00					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T08-D	1	9.50E-01	U1/2	9.50E-01	24.58	1.90	6.00					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T09-D	1	9.50E-01	U1/2	9.50E-01	11.50	1.90	6.00					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T01-E	1	8.38E+01		8.38E+01	1.77	1.90	6.00					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T02-E	1	1.33E+01		1.33E+01	1.45	1.90	6.00					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T03-E	1	2.70E+00	E	2.70E+00	17.46	1.90	6.00	10000	1000	9.01E+02	90%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T04-E	1	9.50E-01	U1/2	9.50E-01	15.52	1.90	6.00					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T05-E	1	9.50E-01	U1/2	9.50E-01	56.32	1.90	6.00					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T06-E	1	9.50E-01	U1/2	9.50E-01	49.67	1.90	6.00					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T07-E	1	9.50E-01	U1/2	9.50E-01	33.48	1.90	6.00					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T08-E	1	9.50E-01	U1/2	9.50E-01	11.41	1.90	6.00					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T09-E	1	9.50E-01	U1/2	9.50E-01	54.70	1.90	6.00					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T01-F	1	8.24E+01		8.24E+01	6.84	1.90	6.00					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T02-F	1	1.12E+01		1.12E+01	4.98	1.90	6.00					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T03-F	1	2.19E+00	E	2.19E+00	6.06	1.90	6.00	10000	1000	8.90E+02	89%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T04-F	1	9.50E-01	U1/2	9.50E-01	9.57	1.90	6.00					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T05-F	1	9.50E-01	U1/2	9.50E-01	32.01	1.90	6.00					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T06-F	1	9.50E-01	U1/2	9.50E-01	17.13	1.90	6.00					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T07-F	1	9.50E-01	U1/2	9.50E-01	6.63	1.90	6.00					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T08-F	1	9.50E-01	U1/2	9.50E-01	3.19	1.90	6.00					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Li	JaFS-LRef-1314-T09-F	1	9.50E-01	U1/2	9.50E-01	8.13	1.90	6.00					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	JaFS-LRef-1314-T01-D	1	2.55E+02		2.55E+02	1.79	2.00	6.40					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T02-D	1	2.74E+01		2.74E+01	0.79	2.00	6.40					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T03-D	1	1.33E+01		1.33E+01	2.60	2.00	6.40	10000	1000	9.80E+02	97%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T04-D	1	1.09E+01		1.09E+01	0.51	2.00	6.40					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T05-D	1	1.01E+01		1.01E+01	0.77	2.00	6.40					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T06-D	1	9.53E+00		9.53E+00	1.89	2.00	6.40					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T07-D	1	1.47E+01		1.47E+01	0.44	2.00	6.40					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T08-D	1	9.14E+00		9.14E+00	2.79	2.00	6.40					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T09-D	1	8.06E+00		8.06E+00	1.75	2.00	6.40					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T01-E	1	2.79E+02		2.79E+02	0.24	2.00	6.40					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T02-E	1	3.51E+01		3.51E+01	2.53	2.00	6.40					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T03-E	1	1.25E+01		1.25E+01	0.56	2.00	6.40	10000	1000	9.57E+02	94%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T04-E	1	1.02E+01		1.02E+01	1.81	2.00	6.40					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T05-E	1	8.29E+00		8.29E+00	2.57	2.00	6.40					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T06-E	1	6.51E+00		6.51E+00	2.06	2.00	6.40					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T07-E	1	9.24E+00		9.24E+00	2.00	2.00	6.40					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T08-E	1	8.73E+00		8.73E+00	0.65	2.00	6.40					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T09-E	1	8.63E+00		8.63E+00	1.09	2.00	6.40					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T01-F	1	2.52E+02		2.52E+02	1.59	2.00	6.40					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T02-F	1	2.94E+01		2.94E+01	1.47	2.00	6.40					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T03-F	1	1.26E+01		1.26E+01	3.28	2.00	6.40	10000	1000	9.75E+02	96%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T04-F	1	1.00E+01		1.00E+01	1.38	2.00	6.40					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T05-F	1	9.33E+00		9.33E+00	2.57	2.00	6.40					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T06-F	1	7.96E+00		7.96E+00	1.39	2.00	6.40					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T07-F	1	8.91E+00		8.91E+00	2.11	2.00	6.40					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T08-F	1	8.33E+00		8.33E+00	3.37	2.00	6.40					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Mn	JaFS-LRef-1314-T09-F	1	7.26E+00		7.26E+00	5.05	2.00	6.40					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	JaFS-LRef-1314-T01-D	1	5.91E+04		5.91E+04	1.35	1.00	3.18					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T02-D	1	6.73E+03		6.73E+03	0.81	1.00	3.18					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T03-D	1	3.00E+03		3.00E+03	3.50	1.00	3.18	10000	1000	3.96E+03	96%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T04-D	1	2.65E+03		2.65E+03	0.90	1.00	3.18					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T05-D	1	1.86E+03		1.86E+03	0.16	1.00	3.18					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T06-D	1	2.49E+03		2.49E+03	1.45	1.00	3.18					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T07-D	1	1.45E+03		1.45E+03	0.64	1.00	3.18					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T08-D	1	1.20E+03		1.20E+03	1.67	1.00	3.18					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T09-D	1	1.21E+03		1.21E+03	0.83	1.00	3.18					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T01-E	1	5.87E+04		5.87E+04	0.81	1.00	3.18					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T02-E	1	7.34E+03		7.34E+03	2.18	1.00	3.18					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T03-E	1	2.91E+03		2.91E+03	1.26	1.00	3.18	10000	1000	3.84E+03	93%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T04-E	1	2.66E+03		2.66E+03	1.84	1.00	3.18					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T05-E	1	2.41E+03		2.41E+03	2.28	1.00	3.18					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T06-E	1	1.80E+03		1.80E+03	1.29	1.00	3.18					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T07-E	1	1.45E+03		1.45E+03	0.40	1.00	3.18					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T08-E	1	1.21E+03		1.21E+03	1.39	1.00	3.18					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T09-E	1	1.17E+03		1.17E+03	0.94	1.00	3.18					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T01-F	1	5.79E+04		5.79E+04	2.18	1.00	3.18					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T02-F	1	6.63E+03		6.63E+03	1.41	1.00	3.18					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T03-F	1	3.26E+03		3.26E+03	3.39	1.00	3.18	10000	1000	4.19E+03	93%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T04-F	1	2.65E+03		2.65E+03	0.54	1.00	3.18					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T05-F	1	2.45E+03		2.45E+03	2.85	1.00	3.18					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T06-F	1	1.75E+03		1.75E+03	1.74	1.00	3.18					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T07-F	1	1.43E+03		1.43E+03	1.13	1.00	3.18					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T08-F	1	1.23E+03		1.23E+03	0.68	1.00	3.18					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Mg	JaFS-LRef-1314-T09-F	1	1.13E+03		1.13E+03	3.18	1.00	3.18					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	JaFS-LRef-1314-T01-D	1	1.21E+02		1.21E+02	0.60	1.20	3.82					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T02-D	1	4.62E+01		4.62E+01	0.81	1.20	3.82					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T03-D	1	1.79E+01		1.79E+01	3.06	1.20	3.82	10000	1000	9.85E+02	97%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T04-D	1	1.35E+01		1.35E+01	6.00	1.20	3.82					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T05-D	1	7.95E+00		7.95E+00	5.04	1.20	3.82					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T06-D	1	1.06E+01		1.06E+01	3.05	1.20	3.82					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T07-D	1	4.98E+00		4.98E+00	1.19	1.20	3.82					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T08-D	1	5.29E+00		5.29E+00	10.68	1.20	3.82					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T09-D	1	3.89E+00		3.89E+00	2.97	1.20	3.82					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T01-E	1	1.12E+02		1.12E+02	0.25	1.20	3.82					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T02-E	1	4.91E+01		4.91E+01	2.92	1.20	3.82					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T03-E	1	1.62E+01		1.62E+01	7.74	1.20	3.82	10000	1000	9.38E+02	92%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T04-E	1	1.33E+01		1.33E+01	3.35	1.20	3.82					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T05-E	1	9.70E+00		9.70E+00	1.91	1.20	3.82					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T06-E	1	7.81E+00		7.81E+00	2.92	1.20	3.82					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T07-E	1	5.19E+00		5.19E+00	1.52	1.20	3.82					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T08-E	1	4.03E+00		4.03E+00	1.80	1.20	3.82					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T09-E	1	4.53E+00		4.53E+00	9.49	1.20	3.82					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T01-F	1	1.18E+02		1.18E+02	3.32	1.20	3.82					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T02-F	1	5.33E+01		5.33E+01	1.13	1.20	3.82					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T03-F	1	1.63E+01		1.63E+01	3.66	1.20	3.82	10000	1000	9.79E+02	96%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T04-F	1	1.24E+01		1.24E+01	1.47	1.20	3.82					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T05-F	1	8.64E+00		8.64E+00	1.42	1.20	3.82					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T06-F	1	6.95E+00		6.95E+00	5.08	1.20	3.82					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T07-F	1	5.91E+00		5.91E+00	7.70	1.20	3.82					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T08-F	1	4.95E+00		4.95E+00	3.50	1.20	3.82					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Mo	JaFS-LRef-1314-T09-F	1	4.05E+00		4.05E+00	8.19	1.20	3.82					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	JaFS-LRef-1314-T01-D	1	9.33E+00		9.33E+00	2.34	1.80	5.70					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T02-D	1	3.18E+00	E	3.18E+00	22.42	1.80	5.70					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T03-D	1	2.78E+00	E	2.78E+00	26.29	1.80	5.70	10000	1000	9.87E+02	98%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T04-D	1	9.00E-01	U1/2	9.00E-01	48.00	1.80	5.70					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T05-D	1	9.00E-01	U1/2	9.00E-01	28.95	1.80	5.70					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T06-D	1	9.00E-01	U1/2	9.00E-01	3.26	1.80	5.70					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T07-D	1	9.00E-01	U1/2	9.00E-01	66.34	1.80	5.70					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T08-D	1	9.00E-01	U1/2	9.00E-01	35.47	1.80	5.70					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T09-D	1	9.00E-01	U1/2	9.00E-01	30.25	1.80	5.70					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T01-E	1	1.20E+01		1.20E+01	5.13	1.80	5.70					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T02-E	1	4.32E+00	E	4.32E+00	14.67	1.80	5.70					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T03-E	1	2.06E+00	E	2.06E+00	15.00	1.80	5.70	10000	1000	9.21E+02	92%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T04-E	1	9.00E-01	U1/2	9.00E-01	28.43	1.80	5.70					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T05-E	1	9.00E-01	U1/2	9.00E-01	14.92	1.80	5.70					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T06-E	1	9.00E-01	U1/2	9.00E-01	25.81	1.80	5.70					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T07-E	1	9.00E-01	U1/2	9.00E-01	44.57	1.80	5.70					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T08-E	1	9.00E-01	U1/2	9.00E-01	34.96	1.80	5.70					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T09-E	1	9.00E-01	U1/2	9.00E-01	16.60	1.80	5.70					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T01-F	1	1.07E+01		1.07E+01	4.63	1.80	5.70					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T02-F	1	3.87E+00	E	3.87E+00	22.45	1.80	5.70					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T03-F	1	2.88E+00	E	2.88E+00	12.72	1.80	5.70	10000	1000	9.66E+02	96%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T04-F	1	9.00E-01	U1/2	9.00E-01	25.25	1.80	5.70					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T05-F	1	9.00E-01	U1/2	9.00E-01	31.47	1.80	5.70					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T06-F	1	9.00E-01	U1/2	9.00E-01	66.88	1.80	5.70					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T07-F	1	9.00E-01	U1/2	9.00E-01	15.50	1.80	5.70					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T08-F	1	9.00E-01	U1/2	9.00E-01	3.14	1.80	5.70					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Ni	JaFS-LRef-1314-T09-F	1	9.00E-01	U1/2	9.00E-01	17.11	1.80	5.70					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	JaFS-LRef-1314-T01-D	1	6.45E+01		6.45E+01	1.03	3.70	11.80					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T02-D	1	5.59E+01		5.59E+01	3.30	3.70	11.80					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T03-D	1	4.39E+01		4.39E+01	7.60	3.70	11.80	10000	1000	9.73E+02	93%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T04-D	1	3.01E+01		3.01E+01	4.12	3.70	11.80					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T05-D	1	2.56E+01		2.56E+01	5.88	3.70	11.80					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T06-D	1	1.91E+01		1.91E+01	3.35	3.70	11.80					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T07-D	1	2.69E+01		2.69E+01	6.02	3.70	11.80					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T08-D	1	3.14E+01		3.14E+01	1.54	3.70	11.80					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T09-D	1	3.38E+01		3.38E+01	4.06	3.70	11.80					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T01-E	1	6.94E+01		6.94E+01	10.12	3.70	11.80					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T02-E	1	5.94E+01		5.94E+01	7.96	3.70	11.80					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T03-E	1	4.51E+01		4.51E+01	3.39	3.70	11.80	10000	1000	9.60E+02	91%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T04-E	1	3.25E+01		3.25E+01	3.57	3.70	11.80					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T05-E	1	1.81E+01		1.81E+01	3.69	3.70	11.80					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T06-E	1	2.07E+01		2.07E+01	6.97	3.70	11.80					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T07-E	1	2.66E+01		2.66E+01	7.85	3.70	11.80					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T08-E	1	3.38E+01		3.38E+01	5.13	3.70	11.80					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T09-E	1	3.66E+01		3.66E+01	8.77	3.70	11.80					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T01-F	1	5.34E+01		5.34E+01	2.34	3.70	11.80					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T02-F	1	4.71E+01		4.71E+01	5.49	3.70	11.80					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T03-F	1	3.68E+01		3.68E+01	17.32	3.70	11.80	10000	1000	9.42E+02	91%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T04-F	1	2.51E+01		2.51E+01	4.82	3.70	11.80					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T05-F	1	1.60E+01		1.60E+01	2.59	3.70	11.80					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T06-F	1	2.17E+01		2.17E+01	2.59	3.70	11.80					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T07-F	1	2.89E+01		2.89E+01	2.03	3.70	11.80					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T08-F	1	3.80E+01		3.80E+01	4.69	3.70	11.80					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
P	JaFS-LRef-1314-T09-F	1	4.33E+01		4.33E+01	4.15	3.70	11.80					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	JaFS-LRef-1314-T01-D	1	5.83E+04		5.83E+04	0.65	1.60	5.09					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T02-D	1	1.65E+04		1.65E+04	1.03	1.60	5.09					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T03-D	1	1.07E+04		1.07E+04	3.12	1.60	5.09	10000	1000	1.16E+04	86%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T04-D	1	8.92E+03		8.92E+03	0.44	1.60	5.09					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T05-D	1	7.68E+03		7.68E+03	0.46	1.60	5.09					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T06-D	1	5.34E+03		5.34E+03	1.92	1.60	5.09					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T07-D	1	3.84E+03		3.84E+03	0.88	1.60	5.09					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T08-D	1	2.73E+03		2.73E+03	2.50	1.60	5.09					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T09-D	1	2.22E+03		2.22E+03	0.98	1.60	5.09					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T01-E	1	5.72E+04		5.72E+04	1.26	1.60	5.09					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T02-E	1	1.74E+04		1.74E+04	2.52	1.60	5.09					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T03-E	1	1.05E+04		1.05E+04	0.85	1.60	5.09	10000	1000	1.14E+04	86%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T04-E	1	9.13E+03		9.13E+03	1.39	1.60	5.09					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T05-E	1	7.68E+03		7.68E+03	2.30	1.60	5.09					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T06-E	1	5.21E+03		5.21E+03	1.68	1.60	5.09					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T07-E	1	3.82E+03		3.82E+03	1.31	1.60	5.09					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T08-E	1	2.68E+03		2.68E+03	1.31	1.60	5.09					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T09-E	1	2.15E+03		2.15E+03	1.39	1.60	5.09					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T01-F	1	5.74E+04		5.74E+04	1.82	1.60	5.09					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T02-F	1	1.68E+04		1.68E+04	1.82	1.60	5.09					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T03-F	1	1.08E+04		1.08E+04	2.94	1.60	5.09	10000	1000	1.17E+04	92%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T04-F	1	8.86E+03		8.86E+03	0.52	1.60	5.09					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T05-F	1	7.71E+03		7.71E+03	2.71	1.60	5.09					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T06-F	1	5.21E+03		5.21E+03	0.95	1.60	5.09					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T07-F	1	3.81E+03		3.81E+03	1.08	1.60	5.09					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T08-F	1	2.65E+03		2.65E+03	0.31	1.60	5.09					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
K	JaFS-LRef-1314-T09-F	1	2.14E+03		2.14E+03	1.47	1.60	5.09					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	JaFS-LRef-1314-T01-D	1	6.50E+01		6.50E+01	4.84	15.00	47.70					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T02-D	1	2.17E+01	E	2.17E+01	15.94	15.00	47.70					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T03-D	1	7.50E+00	U1/2	7.50E+00	33.62	15.00	47.70	10000	1000	9.25E+02	92%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T04-D	1	7.50E+00	U1/2	7.50E+00	11.55	15.00	47.70					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T05-D	1	7.50E+00	U1/2	7.50E+00	36.27	15.00	47.70					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T06-D	1	7.50E+00	U1/2	7.50E+00	35.97	15.00	47.70					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T07-D	1	7.50E+00	U1/2	7.50E+00	6.81	15.00	47.70					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T08-D	1	7.50E+00	U1/2	7.50E+00	8.21	15.00	47.70					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T09-D	1	7.50E+00	U1/2	7.50E+00	17.37	15.00	47.70					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T01-E	1	5.28E+01		5.28E+01	2.74	15.00	47.70					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T02-E	1	2.06E+01	E	2.06E+01	17.60	15.00	47.70					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T03-E	1	7.50E+00	U1/2	7.50E+00	42.14	15.00	47.70	10000	1000	9.72E+02	96%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T04-E	1	7.50E+00	U1/2	7.50E+00	28.47	15.00	47.70					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T05-E	1	7.50E+00	U1/2	7.50E+00	28.19	15.00	47.70					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T06-E	1	7.50E+00	U1/2	7.50E+00	18.34	15.00	47.70					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T07-E	1	7.50E+00	U1/2	7.50E+00	18.91	15.00	47.70					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T08-E	1	7.50E+00	U1/2	7.50E+00	29.23	15.00	47.70					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T09-E	1	7.50E+00	U1/2	7.50E+00	13.39	15.00	47.70					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T01-F	1	5.63E+01		5.63E+01	5.36	15.00	47.70					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T02-F	1	1.85E+01	E	1.85E+01	7.89	15.00	47.70					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T03-F	1	7.50E+00	U1/2	7.50E+00	10.66	15.00	47.70	10000	1000	9.14E+02	91%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T04-F	1	7.50E+00	U1/2	7.50E+00	21.49	15.00	47.70					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T05-F	1	7.50E+00	U1/2	7.50E+00	10.39	15.00	47.70					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T06-F	1	7.50E+00	U1/2	7.50E+00	5.48	15.00	47.70					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T07-F	1	7.50E+00	U1/2	7.50E+00	9.04	15.00	47.70					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T08-F	1	7.50E+00	U1/2	7.50E+00	2.98	15.00	47.70					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Se	JaFS-LRef-1314-T09-F	1	7.50E+00	U1/2	7.50E+00	15.40	15.00	47.70					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	JaFS-LRef-1314-T01-D	1	5.26E+03		5.26E+03	1.02	1.10	3.50					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T02-D	1	2.92E+03		2.92E+03	0.80	1.10	3.50					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T03-D	1	2.33E+03		2.33E+03	3.08	1.10	3.50	10000	1000	3.34E+03	100%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T04-D	1	2.06E+03		2.06E+03	0.36	1.10	3.50					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T05-D	1	1.82E+03		1.82E+03	0.87	1.10	3.50					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T06-D	1	1.94E+03		1.94E+03	1.39	1.10	3.50					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T07-D	1	1.73E+03		1.73E+03	0.58	1.10	3.50					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T08-D	1	1.84E+03		1.84E+03	2.50	1.10	3.50					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T09-D	1	2.00E+03		2.00E+03	1.52	1.10	3.50					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T01-E	1	4.95E+03		4.95E+03	1.36	1.10	3.50					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T02-E	1	3.22E+03		3.22E+03	2.43	1.10	3.50					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T03-E	1	2.32E+03		2.32E+03	1.06	1.10	3.50	10000	1000	3.26E+03	94%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T04-E	1	2.06E+03		2.06E+03	1.35	1.10	3.50					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T05-E	1	1.92E+03		1.92E+03	2.35	1.10	3.50					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T06-E	1	1.74E+03		1.74E+03	1.58	1.10	3.50					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T07-E	1	1.66E+03		1.66E+03	1.35	1.10	3.50					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T08-E	1	1.79E+03		1.79E+03	1.39	1.10	3.50					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T09-E	1	1.91E+03		1.91E+03	1.49	1.10	3.50					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T01-F	1	5.26E+03		5.26E+03	1.66	1.10	3.50					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T02-F	1	3.00E+03		3.00E+03	1.56	1.10	3.50					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T03-F	1	2.20E+03		2.20E+03	2.71	1.10	3.50	10000	1000	3.11E+03	91%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T04-F	1	1.98E+03		1.98E+03	1.31	1.10	3.50					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T05-F	1	1.78E+03		1.78E+03	2.46	1.10	3.50					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T06-F	1	1.80E+03		1.80E+03	0.81	1.10	3.50					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T07-F	1	1.73E+03		1.73E+03	1.32	1.10	3.50					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T08-F	1	1.73E+03		1.73E+03	1.14	1.10	3.50					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Si	JaFS-LRef-1314-T09-F	1	1.96E+03		1.96E+03	1.77	1.10	3.50					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	JaFS-LRef-1314-T01-D	1	2.23E+05		2.23E+05	0.64	2.50	8.00					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T02-D	1	7.80E+04		7.80E+04	0.47	2.50	8.00					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T03-D	1	3.62E+04		3.62E+04	1.32	2.50	8.00	10000	1000	3.71E+04	89%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T04-D	1	1.32E+04		1.32E+04	0.51	2.50	8.00					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T05-D	1	5.21E+03		5.21E+03	1.05	2.50	8.00					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T06-D	1	1.94E+03		1.94E+03	0.87	2.50	8.00					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T07-D	1	8.76E+02		8.76E+02	0.32	2.50	8.00					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T08-D	1	5.13E+02		5.13E+02	1.09	2.50	8.00					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T09-D	1	3.99E+02		3.99E+02	0.56	2.50	8.00					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T01-E	1	2.21E+05		2.21E+05	0.64	2.50	8.00					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T02-E	1	8.02E+04		8.02E+04	0.12	2.50	8.00					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T03-E	1	3.60E+04		3.60E+04	0.58	2.50	8.00	10000	1000	3.69E+04	91%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T04-E	1	1.29E+04		1.29E+04	0.36	2.50	8.00					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T05-E	1	5.32E+03		5.32E+03	0.50	2.50	8.00					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T06-E	1	2.22E+03		2.22E+03	1.02	2.50	8.00					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T07-E	1	9.31E+02		9.31E+02	1.27	2.50	8.00					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T08-E	1	5.31E+02		5.31E+02	0.87	2.50	8.00					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T09-E	1	3.49E+02		3.49E+02	0.36	2.50	8.00					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T01-F	1	2.24E+05		2.24E+05	0.53	2.50	8.00					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T02-F	1	8.29E+04		8.29E+04	1.54	2.50	8.00					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T03-F	1	3.46E+04		3.46E+04	0.65	2.50	8.00	10000	1000	3.55E+04	91%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T04-F	1	1.28E+04		1.28E+04	0.89	2.50	8.00					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T05-F	1	5.20E+03		5.20E+03	0.53	2.50	8.00					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T06-F	1	1.92E+03		1.92E+03	0.64	2.50	8.00					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T07-F	1	1.01E+03		1.01E+03	0.88	2.50	8.00					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T08-F	1	6.27E+02		6.27E+02	0.80	2.50	8.00					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Na	JaFS-LRef-1314-T09-F	1	4.23E+02		4.23E+02	1.49	2.50	8.00					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	JaFS-LRef-1314-T01-D	1	9.47E+03		9.47E+03	1.78	1.00	3.18					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T02-D	1	1.15E+03		1.15E+03	1.50	1.00	3.18					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T03-D	1	5.27E+02		5.27E+02	2.86	1.00	3.18	10000	1000	1.53E+03	100%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T04-D	1	4.73E+02		4.73E+02	0.40	1.00	3.18					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T05-D	1	4.52E+02		4.52E+02	0.26	1.00	3.18					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T06-D	1	3.48E+02		3.48E+02	2.00	1.00	3.18					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T07-D	1	2.83E+02		2.83E+02	1.36	1.00	3.18					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T08-D	1	2.45E+02		2.45E+02	2.75	1.00	3.18					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T09-D	1	2.57E+02		2.57E+02	1.11	1.00	3.18					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T01-E	1	9.43E+03		9.43E+03	0.74	1.00	3.18					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T02-E	1	1.20E+03		1.20E+03	2.08	1.00	3.18					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T03-E	1	5.01E+02		5.01E+02	0.78	1.00	3.18	10000	1000	1.45E+03	95%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T04-E	1	4.70E+02		4.70E+02	1.39	1.00	3.18					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T05-E	1	4.32E+02		4.32E+02	2.37	1.00	3.18					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T06-E	1	3.35E+02		3.35E+02	1.68	1.00	3.18					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T07-E	1	2.81E+02		2.81E+02	1.65	1.00	3.18					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T08-E	1	2.47E+02		2.47E+02	0.80	1.00	3.18					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T09-E	1	2.50E+02		2.50E+02	1.93	1.00	3.18					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T01-F	1	9.50E+03		9.50E+03	2.05	1.00	3.18					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T02-F	1	1.17E+03		1.17E+03	1.64	1.00	3.18					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T03-F	1	4.93E+02		4.93E+02	2.50	1.00	3.18	10000	1000	1.48E+03	98%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T04-F	1	4.63E+02		4.63E+02	0.77	1.00	3.18					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T05-F	1	4.28E+02		4.28E+02	2.60	1.00	3.18					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T06-F	1	3.26E+02		3.26E+02	0.81	1.00	3.18					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T07-F	1	2.66E+02		2.66E+02	1.24	1.00	3.18					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T08-F	1	2.47E+02		2.47E+02	1.78	1.00	3.18					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Sr	JaFS-LRef-1314-T09-F	1	2.52E+02		2.52E+02	1.64	1.00	3.18					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	JaFS-LRef-1314-T01-D	1	6.28E+05		6.28E+05	0.84	6.80	21.60					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T02-D	1	5.29E+04		5.29E+04	1.11	6.80	21.60					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T03-D	1	1.17E+04		1.17E+04	3.31	6.80	21.60	10000	1000	1.26E+04	87%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T04-D	1	7.67E+03		7.67E+03	0.68	6.80	21.60					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T05-D	1	6.59E+03		6.59E+03	1.07	6.80	21.60					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T06-D	1	4.31E+03		4.31E+03	1.40	6.80	21.60					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T07-D	1	3.26E+03		3.26E+03	1.29	6.80	21.60					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T08-D	1	2.72E+03		2.72E+03	2.55	6.80	21.60					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T09-D	1	1.54E+03		1.54E+03	1.54	6.80	21.60					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T01-E	1	6.34E+05		6.34E+05	1.48	6.80	21.60					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T02-E	1	6.29E+04		6.29E+04	2.14	6.80	21.60					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T03-E	1	1.15E+04		1.15E+04	0.91	6.80	21.60	10000	1000	1.24E+04	89%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T04-E	1	8.26E+03		8.26E+03	0.71	6.80	21.60					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T05-E	1	6.38E+03		6.38E+03	3.03	6.80	21.60					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T06-E	1	4.57E+03		4.57E+03	1.75	6.80	21.60					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T07-E	1	3.65E+03		3.65E+03	1.93	6.80	21.60					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T08-E	1	2.61E+03		2.61E+03	1.58	6.80	21.60					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T09-E	1	1.43E+03		1.43E+03	2.87	6.80	21.60					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T01-F	1	6.21E+05		6.21E+05	1.56	6.80	21.60					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T02-F	1	6.72E+04		6.72E+04	1.92	6.80	21.60					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T03-F	1	1.12E+04		1.12E+04	3.14	6.80	21.60	10000	1000	1.21E+04	87%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T04-F	1	8.31E+03		8.31E+03	1.43	6.80	21.60					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T05-F	1	6.27E+03		6.27E+03	2.72	6.80	21.60					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T06-F	1	4.46E+03		4.46E+03	2.53	6.80	21.60					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T07-F	1	3.36E+03		3.36E+03	2.55	6.80	21.60					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T08-F	1	2.65E+03		2.65E+03	0.83	6.80	21.60					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
S	JaFS-LRef-1314-T09-F	1	1.30E+03		1.30E+03	0.36	6.80	21.60					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	JaFS-LRef-1314-T01-D	1	2.30E+00	U1/2	2.30E+00	11.38	4.60	14.60					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T02-D	1	2.30E+00	U1/2	2.30E+00	55.72	4.60	14.60					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T03-D	1	2.30E+00	U1/2	2.30E+00	5.45	4.60	14.60	10000	1000	9.35E+02	93%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T04-D	1	2.30E+00	U1/2	2.30E+00	25.39	4.60	14.60					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T05-D	1	2.30E+00	U1/2	2.30E+00	9.90	4.60	14.60					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T06-D	1	2.30E+00	U1/2	2.30E+00	10.02	4.60	14.60					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T07-D	1	2.30E+00	U1/2	2.30E+00	16.90	4.60	14.60					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T08-D	1	2.30E+00	U1/2	2.30E+00	31.87	4.60	14.60					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T09-D	1	2.30E+00	U1/2	2.30E+00	54.11	4.60	14.60					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T01-E	1	2.30E+00	U1/2	2.30E+00	74.88	4.60	14.60					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T02-E	1	2.30E+00	U1/2	2.30E+00	74.86	4.60	14.60					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T03-E	1	2.30E+00	U1/2	2.30E+00	39.38	4.60	14.60	10000	1000	9.33E+02	93%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T04-E	1	2.30E+00	U1/2	2.30E+00	46.74	4.60	14.60					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T05-E	1	2.30E+00	U1/2	2.30E+00	24.25	4.60	14.60					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T06-E	1	2.30E+00	U1/2	2.30E+00	31.55	4.60	14.60					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T07-E	1	2.30E+00	U1/2	2.30E+00	30.69	4.60	14.60					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T08-E	1	2.30E+00	U1/2	2.30E+00	13.93	4.60	14.60					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T09-E	1	2.30E+00	U1/2	2.30E+00	88.35	4.60	14.60					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T01-F	1	2.30E+00	U1/2	2.30E+00	7.59	4.60	14.60					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T02-F	1	2.30E+00	U1/2	2.30E+00	48.77	4.60	14.60					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T03-F	1	2.30E+00	U1/2	2.30E+00	59.90	4.60	14.60	10000	1000	9.66E+02	96%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T04-F	1	2.30E+00	U1/2	2.30E+00	66.00	4.60	14.60					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T05-F	1	2.30E+00	U1/2	2.30E+00	20.81	4.60	14.60					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T06-F	1	2.30E+00	U1/2	2.30E+00	26.87	4.60	14.60					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T07-F	1	2.30E+00	U1/2	2.30E+00	9.56	4.60	14.60					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T08-F	1	2.30E+00	U1/2	2.30E+00	3.18	4.60	14.60					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Tl	JaFS-LRef-1314-T09-F	1	2.30E+00	U1/2	2.30E+00	18.51	4.60	14.60					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	JaFS-LRef-1314-T01-D	1	1.00E+00	U1/2	1.00E+00	62.15	2.00	6.40					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T02-D	1	1.00E+00	U1/2	1.00E+00	40.15	2.00	6.40					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T03-D	1	1.00E+00	U1/2	1.00E+00	41.39	2.00	6.40	10000	1000	9.05E+02	90%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T04-D	1	1.00E+00	U1/2	1.00E+00	43.41	2.00	6.40					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T05-D	1	1.00E+00	U1/2	1.00E+00	39.01	2.00	6.40					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T06-D	1	1.00E+00	U1/2	1.00E+00	57.27	2.00	6.40					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T07-D	1	1.00E+00	U1/2	1.00E+00	29.96	2.00	6.40					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T08-D	1	1.00E+00	U1/2	1.00E+00	38.85	2.00	6.40					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T09-D	1	1.00E+00	U1/2	1.00E+00	39.14	2.00	6.40					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T01-E	1	1.00E+00	U1/2	1.00E+00	10.65	2.00	6.40					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T02-E	1	1.00E+00	U1/2	1.00E+00	39.30	2.00	6.40					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T03-E	1	1.00E+00	U1/2	1.00E+00	43.88	2.00	6.40	10000	1000	9.45E+02	94%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T04-E	1	1.00E+00	U1/2	1.00E+00	8.40	2.00	6.40					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T05-E	1	1.00E+00	U1/2	1.00E+00	12.91	2.00	6.40					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T06-E	1	1.00E+00	U1/2	1.00E+00	41.99	2.00	6.40					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T07-E	1	1.00E+00	U1/2	1.00E+00	11.21	2.00	6.40					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T08-E	1	1.00E+00	U1/2	1.00E+00	24.19	2.00	6.40					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T09-E	1	1.00E+00	U1/2	1.00E+00	12.46	2.00	6.40					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T01-F	1	1.00E+00	U1/2	1.00E+00	40.83	2.00	6.40					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T02-F	1	1.00E+00	U1/2	1.00E+00	52.65	2.00	6.40					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T03-F	1	1.00E+00	U1/2	1.00E+00	85.70	2.00	6.40	10000	1000	9.60E+02	96%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T04-F	1	1.00E+00	U1/2	1.00E+00	18.21	2.00	6.40					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T05-F	1	1.00E+00	U1/2	1.00E+00	40.67	2.00	6.40					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T06-F	1	1.00E+00	U1/2	1.00E+00	51.12	2.00	6.40					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T07-F	1	1.00E+00	U1/2	1.00E+00	12.40	2.00	6.40					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T08-F	1	1.00E+00	U1/2	1.00E+00	2.91	2.00	6.40					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Ti	JaFS-LRef-1314-T09-F	1	1.00E+00	U1/2	1.00E+00	10.48	2.00	6.40					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	JaFS-LRef-1314-T01-D	1	1.90E+01		1.90E+01	9.93	1.50	4.77					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T02-D	1	3.47E+00	E	3.47E+00	20.90	1.50	4.77					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T03-D	1	1.81E+00	E	1.81E+00	10.37	1.50	4.77	10000	1000	9.93E+02	99%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T04-D	1	7.50E-01	U1/2	7.50E-01	31.67	1.50	4.77					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T05-D	1	7.50E-01	U1/2	7.50E-01	12.08	1.50	4.77					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T06-D	1	7.50E-01	U1/2	7.50E-01	58.65	1.50	4.77					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T07-D	1	7.50E-01	U1/2	7.50E-01	9.91	1.50	4.77					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T08-D	1	7.50E-01	U1/2	7.50E-01	19.05	1.50	4.77					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T09-D	1	7.50E-01	U1/2	7.50E-01	28.14	1.50	4.77					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T01-E	1	1.90E+01		1.90E+01	2.94	1.50	4.77					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T02-E	1	3.54E+00	E	3.54E+00	11.39	1.50	4.77					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T03-E	1	2.91E+00	E	2.91E+00	25.02	1.50	4.77	10000	1000	9.23E+02	92%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T04-E	1	7.50E-01	U1/2	7.50E-01	27.18	1.50	4.77					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T05-E	1	7.50E-01	U1/2	7.50E-01	36.74	1.50	4.77					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T06-E	1	7.50E-01	U1/2	7.50E-01	32.32	1.50	4.77					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T07-E	1	7.50E-01	U1/2	7.50E-01	27.95	1.50	4.77					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T08-E	1	7.50E-01	U1/2	7.50E-01	39.67	1.50	4.77					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T09-E	1	7.50E-01	U1/2	7.50E-01	6.26	1.50	4.77					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T01-F	1	1.86E+01		1.86E+01	3.51	1.50	4.77					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T02-F	1	3.56E+00	E	3.56E+00	5.01	1.50	4.77					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T03-F	1	2.60E+00	E	2.60E+00	35.34	1.50	4.77	10000	1000	9.47E+02	94%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T04-F	1	7.50E-01	U1/2	7.50E-01	35.42	1.50	4.77					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T05-F	1	7.50E-01	U1/2	7.50E-01	17.73	1.50	4.77					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T06-F	1	7.50E-01	U1/2	7.50E-01	10.54	1.50	4.77					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T07-F	1	7.50E-01	U1/2	7.50E-01	21.49	1.50	4.77					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T08-F	1	7.50E-01	U1/2	7.50E-01	3.74	1.50	4.77					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
V	JaFS-LRef-1314-T09-F	1	7.50E-01	U1/2	7.50E-01	15.75	1.50	4.77					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	JaFS-LRef-1314-T01-D	1	1.83E+03		1.83E+03	2.05	1.00	3.18					VU ICP-OES	9/2/11 1:30 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T02-D	1	4.59E+02		4.59E+02	1.40	1.00	3.18					VU ICP-OES	9/2/11 1:31 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T03-D	1	2.54E+02		2.54E+02	3.11	1.00	3.18	10000	1000	1.18E+03	92%	VU ICP-OES	9/2/11 1:33 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T04-D	1	1.76E+02		1.76E+02	0.38	1.00	3.18					VU ICP-OES	9/2/11 1:35 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T05-D	1	8.22E+01		8.22E+01	0.41	1.00	3.18					VU ICP-OES	9/2/11 1:36 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T06-D	1	7.18E+01		7.18E+01	1.97	1.00	3.18					VU ICP-OES	9/2/11 1:38 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T07-D	1	4.92E+01		4.92E+01	1.00	1.00	3.18					VU ICP-OES	9/2/11 1:40 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T08-D	1	3.09E+01		3.09E+01	2.32	1.00	3.18					VU ICP-OES	9/2/11 1:41 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T09-D	1	2.36E+01		2.36E+01	1.48	1.00	3.18					VU ICP-OES	9/2/11 1:43 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T01-E	1	1.80E+03		1.80E+03	0.87	1.00	3.18					VU ICP-OES	9/2/11 1:45 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T02-E	1	4.02E+02		4.02E+02	2.49	1.00	3.18					VU ICP-OES	9/2/11 1:46 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T03-E	1	2.41E+02		2.41E+02	0.87	1.00	3.18	10000	1000	1.11E+03	87%	VU ICP-OES	9/2/11 1:48 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T04-E	1	1.71E+02		1.71E+02	1.78	1.00	3.18					VU ICP-OES	9/2/11 1:50 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T05-E	1	1.37E+02		1.37E+02	2.20	1.00	3.18					VU ICP-OES	9/2/11 1:51 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T06-E	1	7.52E+01		7.52E+01	2.63	1.00	3.18					VU ICP-OES	9/2/11 1:53 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T07-E	1	4.97E+01		4.97E+01	1.35	1.00	3.18					VU ICP-OES	9/2/11 1:55 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T08-E	1	3.07E+01		3.07E+01	1.83	1.00	3.18					VU ICP-OES	9/2/11 1:56 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T09-E	1	3.52E+01		3.52E+01	1.34	1.00	3.18					VU ICP-OES	9/2/11 1:58 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T01-F	1	1.91E+03		1.91E+03	1.84	1.00	3.18					VU ICP-OES	9/2/11 2:06 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T02-F	1	4.16E+02		4.16E+02	1.94	1.00	3.18					VU ICP-OES	9/2/11 2:08 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T03-F	1	2.21E+02		2.21E+02	3.41	1.00	3.18	10000	1000	1.12E+03	90%	VU ICP-OES	9/2/11 2:09 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T04-F	1	1.77E+02		1.77E+02	1.11	1.00	3.18					VU ICP-OES	9/2/11 2:11 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T05-F	1	1.43E+02		1.43E+02	3.08	1.00	3.18					VU ICP-OES	9/2/11 2:13 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T06-F	1	6.88E+01		6.88E+01	0.99	1.00	3.18					VU ICP-OES	9/2/11 2:14 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T07-F	1	5.43E+01		5.43E+01	2.48	1.00	3.18					VU ICP-OES	9/2/11 2:16 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T08-F	1	2.82E+01		2.82E+01	2.52	1.00	3.18					VU ICP-OES	9/2/11 2:18 PM	EPA Interlab LRef 1314 JaFS
Zn	JaFS-LRef-1314-T09-F	1	2.96E+01		2.96E+01	3.22	1.00	3.18					VU ICP-OES	9/2/11 2:19 PM	EPA Interlab LRef 1314 JaFS

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	SWA-L01-1315-T01-A	1	9.33E+02		9.33E+02	0.31	1.00	3.18					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T02-A	1	4.35E+03		4.35E+03	0.52	1.00	3.18					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T03-A	1	2.38E+03		2.38E+03	0.15	1.00	3.18	10000	1000	3.32E+03	94%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T04-A	1	5.39E+03		5.39E+03	0.20	1.00	3.18					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T05-A	1	4.75E+03		4.75E+03	0.83	1.00	3.18					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T06-A	1	5.29E+03		5.29E+03	0.23	1.00	3.18					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T07-A	1	4.52E+03		4.52E+03	0.44	1.00	3.18					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T08-A	1	3.05E+03		3.05E+03	0.78	1.00	3.18					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T09-A	1	3.77E+03		3.77E+03	1.26	1.00	3.18					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T01-B	1	9.95E+02		9.95E+02	0.19	1.00	3.18					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T02-B	1	5.18E+03		5.18E+03	0.31	1.00	3.18					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T03-B	1	3.17E+03		3.17E+03	0.62	1.00	3.18	10000	1000	4.12E+03	95%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T04-B	1	4.31E+03		4.31E+03	1.61	1.00	3.18					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T05-B	1	5.38E+03		5.38E+03	0.79	1.00	3.18					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T06-B	1	5.84E+03		5.84E+03	0.82	1.00	3.18					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T07-B	1	4.89E+03		4.89E+03	0.39	1.00	3.18					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T08-B	1	3.19E+03		3.19E+03	1.41	1.00	3.18					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T09-B	1	4.05E+03		4.05E+03	1.02	1.00	3.18					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T01-C	1	1.03E+03		1.03E+03	0.44	1.00	3.18					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T02-C	1	6.07E+03		6.07E+03	0.71	1.00	3.18					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T03-C	1	3.25E+03		3.25E+03	1.36	1.00	3.18	10000	1000	4.18E+03	93%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T04-C	1	6.78E+03		6.78E+03	0.79	1.00	3.18					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T05-C	1	5.85E+03		5.85E+03	0.32	1.00	3.18					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T06-C	1	6.47E+03		6.47E+03	0.25	1.00	3.18					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T07-C	1	5.38E+03		5.38E+03	0.02	1.00	3.18					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T08-C	1	3.52E+03		3.52E+03	0.56	1.00	3.18					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-T09-C	1	4.51E+03		4.51E+03	0.41	1.00	3.18					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	6.12	1.00	3.18					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	5.09	1.00	3.18					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.60	1.00	3.18					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	6.64	1.00	3.18					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	12.11	1.00	3.18					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	2.14	1.00	3.18					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	7.30	1.00	3.18					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	5.65	1.00	3.18					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Al	SWA-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	4.23	1.00	3.18					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	SWA-L01-1315-T01-A	1	1.27E+02		1.27E+02	1.39	7.50	23.90					VU ICP-OES	1/25/12 11:48 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T02-A	1	4.81E+02		4.81E+02	0.34	7.50	23.90					VU ICP-OES	1/25/12 11:50 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T03-A	1	2.80E+02		2.80E+02	1.72	7.50	23.90	10000	1000	1.43E+03	115%	VU ICP-OES	1/25/12 11:51 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T04-A	1	4.54E+02		4.54E+02	1.55	7.50	23.90					VU ICP-OES	1/25/12 11:53 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T05-A	1	3.92E+02		3.92E+02	2.75	7.50	23.90					VU ICP-OES	1/25/12 11:55 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T06-A	1	3.74E+02		3.74E+02	1.68	7.50	23.90					VU ICP-OES	1/25/12 11:56 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T07-A	1	3.02E+02		3.02E+02	0.85	7.50	23.90					VU ICP-OES	1/25/12 11:58 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T08-A	1	2.51E+02		2.51E+02	3.97	7.50	23.90					VU ICP-OES	1/25/12 12:00 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T09-A	1	2.56E+02		2.56E+02	3.66	7.50	23.90					VU ICP-OES	1/25/12 12:01 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T01-B	1	1.38E+02		1.38E+02	4.08	7.50	23.90					VU ICP-OES	1/25/12 12:06 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T02-B	1	4.82E+02		4.82E+02	1.48	7.50	23.90					VU ICP-OES	1/25/12 12:08 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T03-B	1	2.82E+02		2.82E+02	1.86	7.50	23.90	10000	1000	1.41E+03	113%	VU ICP-OES	1/25/12 12:09 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T04-B	1	4.67E+02		4.67E+02	1.99	7.50	23.90					VU ICP-OES	1/25/12 12:11 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T05-B	1	4.14E+02		4.14E+02	1.46	7.50	23.90					VU ICP-OES	1/25/12 12:13 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T06-B	1	4.15E+02		4.15E+02	2.12	7.50	23.90					VU ICP-OES	1/25/12 12:14 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T07-B	1	3.20E+02		3.20E+02	2.38	7.50	23.90					VU ICP-OES	1/25/12 12:16 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T08-B	1	2.54E+02		2.54E+02	9.46	7.50	23.90					VU ICP-OES	1/25/12 12:18 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T09-B	1	2.65E+02		2.65E+02	1.08	7.50	23.90					VU ICP-OES	1/25/12 12:19 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T01-C	1	1.39E+02		1.39E+02	6.04	7.50	23.90					VU ICP-OES	1/25/12 12:21 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T02-C	1	4.72E+02		4.72E+02	0.94	7.50	23.90					VU ICP-OES	1/25/12 12:23 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T03-C	1	2.87E+02		2.87E+02	0.69	7.50	23.90	10000	1000	1.44E+03	115%	VU ICP-OES	1/25/12 12:24 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T04-C	1	4.61E+02		4.61E+02	1.68	7.50	23.90					VU ICP-OES	1/25/12 12:26 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T05-C	1	4.09E+02		4.09E+02	1.34	7.50	23.90					VU ICP-OES	1/25/12 12:27 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T06-C	1	3.25E+02		3.25E+02	1.59	7.50	23.90					VU ICP-OES	1/25/12 12:29 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T07-C	1	3.22E+02		3.22E+02	1.51	7.50	23.90					VU ICP-OES	1/25/12 12:31 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T08-C	1	2.41E+02		2.41E+02	2.67	7.50	23.90					VU ICP-OES	1/25/12 12:32 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-T09-C	1	2.54E+02		2.54E+02	3.56	7.50	23.90					VU ICP-OES	1/25/12 12:34 PM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	65.29	7.50	23.90					VU ICP-OES	1/25/12 11:33 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	57.61	7.50	23.90					VU ICP-OES	1/25/12 11:35 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	53.36	7.50	23.90					VU ICP-OES	1/25/12 11:36 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	38.43	7.50	23.90					VU ICP-OES	1/25/12 11:38 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	96.50	7.50	23.90					VU ICP-OES	1/25/12 11:40 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	41.06	7.50	23.90					VU ICP-OES	1/25/12 11:41 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	43.59	7.50	23.90					VU ICP-OES	1/25/12 11:43 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	45.29	7.50	23.90					VU ICP-OES	1/25/12 11:45 AM	EPA Interlab L01 1315 SWA
Sb	SWA-L01-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	39.83	7.50	23.90					VU ICP-OES	1/25/12 11:46 AM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	SWA-L01-1315-T01-A	1	1.44E+02		1.44E+02	5.36	11.00	35.00					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T02-A	1	2.69E+02		2.69E+02	4.17	11.00	35.00					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T03-A	1	9.14E+01		9.14E+01	7.70	11.00	35.00	10000	1000	1.19E+03	110%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T04-A	1	1.85E+02		1.85E+02	2.51	11.00	35.00					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T05-A	1	1.37E+02		1.37E+02	6.93	11.00	35.00					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T06-A	1	1.40E+02		1.40E+02	7.25	11.00	35.00					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T07-A	1	8.84E+01		8.84E+01	7.31	11.00	35.00					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T08-A	1	6.66E+01		6.66E+01	5.12	11.00	35.00					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T09-A	1	7.90E+01		7.90E+01	2.81	11.00	35.00					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T01-B	1	1.52E+02		1.52E+02	4.36	11.00	35.00					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T02-B	1	3.16E+02		3.16E+02	1.08	11.00	35.00					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T03-B	1	1.34E+02		1.34E+02	4.13	11.00	35.00	10000	1000	1.08E+03	95%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T04-B	1	1.65E+02		1.65E+02	3.88	11.00	35.00					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T05-B	1	1.55E+02		1.55E+02	1.46	11.00	35.00					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T06-B	1	1.58E+02		1.58E+02	4.66	11.00	35.00					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T07-B	1	1.07E+02		1.07E+02	5.28	11.00	35.00					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T08-B	1	7.68E+01		7.68E+01	10.09	11.00	35.00					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T09-B	1	8.15E+01		8.15E+01	2.90	11.00	35.00					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T01-C	1	2.18E+02		2.18E+02	3.30	11.00	35.00					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T02-C	1	4.88E+02		4.88E+02	1.36	11.00	35.00					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T03-C	1	1.43E+02		1.43E+02	4.03	11.00	35.00	10000	1000	1.09E+03	95%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T04-C	1	2.55E+02		2.55E+02	1.12	11.00	35.00					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T05-C	1	1.76E+02		1.76E+02	2.17	11.00	35.00					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T06-C	1	1.75E+02		1.75E+02	6.70	11.00	35.00					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T07-C	1	1.32E+02		1.32E+02	3.81	11.00	35.00					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T08-C	1	7.56E+01		7.56E+01	12.49	11.00	35.00					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-T09-C	1	1.01E+02		1.01E+02	3.83	11.00	35.00					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	47.46	11.00	35.00					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	42.35	11.00	35.00					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	11.96	11.00	35.00					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	18.01	11.00	35.00					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	33.68	11.00	35.00					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	16.39	11.00	35.00					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	23.95	11.00	35.00					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	35.96	11.00	35.00					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
As	SWA-L01-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	32.10	11.00	35.00					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	SWA-L01-1315-T01-A	1	3.28E+01		3.28E+01	5.33	1.00	3.18					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T02-A	1	9.55E+01		9.55E+01	3.91	1.00	3.18					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T03-A	1	4.64E+01		4.64E+01	1.30	1.00	3.18	10000	1000	1.03E+03	99%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T04-A	1	1.07E+02		1.07E+02	2.15	1.00	3.18					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T05-A	1	8.29E+01		8.29E+01	4.05	1.00	3.18					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T06-A	1	9.76E+01		9.76E+01	1.20	1.00	3.18					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T07-A	1	7.90E+01		7.90E+01	0.83	1.00	3.18					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T08-A	1	5.37E+01		5.37E+01	1.69	1.00	3.18					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T09-A	1	7.23E+01		7.23E+01	1.36	1.00	3.18					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T01-B	1	3.75E+01		3.75E+01	5.22	1.00	3.18					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T02-B	1	9.11E+01		9.11E+01	2.07	1.00	3.18					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T03-B	1	4.89E+01		4.89E+01	1.71	1.00	3.18	10000	1000	9.77E+02	93%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T04-B	1	6.65E+01		6.65E+01	3.46	1.00	3.18					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T05-B	1	7.41E+01		7.41E+01	1.61	1.00	3.18					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T06-B	1	8.46E+01		8.46E+01	0.68	1.00	3.18					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T07-B	1	6.88E+01		6.88E+01	3.70	1.00	3.18					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T08-B	1	4.98E+01		4.98E+01	2.58	1.00	3.18					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T09-B	1	6.74E+01		6.74E+01	3.01	1.00	3.18					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T01-C	1	4.98E+01		4.98E+01	1.32	1.00	3.18					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T02-C	1	1.38E+02		1.38E+02	0.48	1.00	3.18					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T03-C	1	5.88E+01		5.88E+01	1.87	1.00	3.18	10000	1000	1.08E+03	102%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T04-C	1	1.24E+02		1.24E+02	2.15	1.00	3.18					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T05-C	1	9.65E+01		9.65E+01	1.62	1.00	3.18					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T06-C	1	1.08E+02		1.08E+02	0.33	1.00	3.18					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T07-C	1	8.57E+01		8.57E+01	2.01	1.00	3.18					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T08-C	1	5.63E+01		5.63E+01	3.16	1.00	3.18					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-T09-C	1	7.58E+01		7.58E+01	3.18	1.00	3.18					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	9.97	1.00	3.18					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.94	1.00	3.18					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.84	1.00	3.18					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	2.16	1.00	3.18					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.60	1.00	3.18					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	2.64	1.00	3.18					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.22	1.00	3.18					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	2.45	1.00	3.18					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
B	SWA-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	1.53	1.00	3.18					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	SWA-L01-1315-T01-A	1	4.36E+00		4.36E+00	0.19	1.00	3.18					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T02-A	1	7.35E+01		7.35E+01	0.50	1.00	3.18					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T03-A	1	1.36E+02		1.36E+02	0.17	1.00	3.18	10000	1000	1.02E+03	88%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T04-A	1	2.59E+02		2.59E+02	0.93	1.00	3.18					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T05-A	1	3.42E+02		3.42E+02	0.48	1.00	3.18					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T06-A	1	3.96E+02		3.96E+02	0.27	1.00	3.18					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T07-A	1	3.95E+02		3.95E+02	0.69	1.00	3.18					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T08-A	1	4.36E+02		4.36E+02	0.82	1.00	3.18					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T09-A	1	3.58E+02		3.58E+02	0.44	1.00	3.18					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T01-B	1	7.73E+00		7.73E+00	1.04	1.00	3.18					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T02-B	1	7.95E+01		7.95E+01	0.30	1.00	3.18					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T03-B	1	1.26E+02		1.26E+02	1.05	1.00	3.18	10000	1000	9.62E+02	84%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T04-B	1	1.47E+02		1.47E+02	0.96	1.00	3.18					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T05-B	1	3.05E+02		3.05E+02	1.21	1.00	3.18					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T06-B	1	3.55E+02		3.55E+02	0.47	1.00	3.18					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T07-B	1	3.86E+02		3.86E+02	0.54	1.00	3.18					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T08-B	1	4.11E+02		4.11E+02	2.38	1.00	3.18					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T09-B	1	3.56E+02		3.56E+02	0.97	1.00	3.18					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T01-C	1	1.40E+01		1.40E+01	0.70	1.00	3.18					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T02-C	1	8.91E+01		8.91E+01	1.21	1.00	3.18					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T03-C	1	1.30E+02		1.30E+02	0.61	1.00	3.18	10000	1000	1.03E+03	90%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T04-C	1	2.30E+02		2.30E+02	0.59	1.00	3.18					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T05-C	1	3.08E+02		3.08E+02	0.46	1.00	3.18					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T06-C	1	3.39E+02		3.39E+02	0.69	1.00	3.18					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T07-C	1	4.01E+02		4.01E+02	0.94	1.00	3.18					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T08-C	1	4.08E+02		4.08E+02	0.25	1.00	3.18					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-T09-C	1	4.20E+02		4.20E+02	1.70	1.00	3.18					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	9.83	1.00	3.18					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	7.15	1.00	3.18					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	7.49	1.00	3.18					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	14.80	1.00	3.18					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	13.25	1.00	3.18					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	3.15	1.00	3.18					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	5.78	1.00	3.18					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	26.87	1.00	3.18					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Ba	SWA-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	16.60	1.00	3.18					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	SWA-L01-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	49.83	1.90	6.00					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	76.28	1.90	6.00					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	50.93	1.90	6.00	10000	1000	9.62E+02	96%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	21.10	1.90	6.00					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	15.69	1.90	6.00					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	13.28	1.90	6.00					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	15.27	1.90	6.00					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	87.93	1.90	6.00					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	16.75	1.90	6.00					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	33.06	1.90	6.00					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	93.03	1.90	6.00					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	44.89	1.90	6.00	10000	1000	8.04E+02	80%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	39.37	1.90	6.00					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	13.78	1.90	6.00					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	14.46	1.90	6.00					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	96.22	1.90	6.00					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	22.47	1.90	6.00					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	77.44	1.90	6.00					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	37.98	1.90	6.00					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	23.57	1.90	6.00					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	19.39	1.90	6.00	10000	1000	9.66E+02	97%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	10.26	1.90	6.00					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	10.38	1.90	6.00					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	13.80	1.90	6.00					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	16.18	1.90	6.00					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	50.97	1.90	6.00					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	17.13	1.90	6.00					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	27.97	1.90	6.00					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	23.46	1.90	6.00					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	17.29	1.90	6.00					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	10.87	1.90	6.00					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	62.92	1.90	6.00					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	20.05	1.90	6.00					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	25.16	1.90	6.00					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	60.03	1.90	6.00					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Be	SWA-L01-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	68.92	1.90	6.00					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	SWA-L01-1315-T01-A	1	1.10E+00	U1/2	1.10E+00	20.67	2.20	7.00					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T02-A	1	1.10E+00	U1/2	1.10E+00	20.49	2.20	7.00					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T03-A	1	1.10E+00	U1/2	1.10E+00	33.03	2.20	7.00	10000	1000	9.81E+02	98%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T04-A	1	1.10E+00	U1/2	1.10E+00	29.00	2.20	7.00					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T05-A	1	1.10E+00	U1/2	1.10E+00	29.12	2.20	7.00					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T06-A	1	1.10E+00	U1/2	1.10E+00	67.72	2.20	7.00					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T07-A	1	1.10E+00	U1/2	1.10E+00	19.41	2.20	7.00					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T08-A	1	1.10E+00	U1/2	1.10E+00	86.69	2.20	7.00					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T09-A	1	1.10E+00	U1/2	1.10E+00	20.28	2.20	7.00					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T01-B	1	1.10E+00	U1/2	1.10E+00	16.99	2.20	7.00					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T02-B	1	1.10E+00	U1/2	1.10E+00	83.37	2.20	7.00					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T03-B	1	1.10E+00	U1/2	1.10E+00	46.53	2.20	7.00	10000	1000	9.68E+02	97%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T04-B	1	1.10E+00	U1/2	1.10E+00	47.24	2.20	7.00					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T05-B	1	1.10E+00	U1/2	1.10E+00	46.88	2.20	7.00					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T06-B	1	1.10E+00	U1/2	1.10E+00	13.02	2.20	7.00					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T07-B	1	1.10E+00	U1/2	1.10E+00	16.24	2.20	7.00					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T08-B	1	1.10E+00	U1/2	1.10E+00	82.70	2.20	7.00					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T09-B	1	1.10E+00	U1/2	1.10E+00	51.83	2.20	7.00					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T01-C	1	1.10E+00	U1/2	1.10E+00	31.67	2.20	7.00					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T02-C	1	1.10E+00	U1/2	1.10E+00	11.24	2.20	7.00					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T03-C	1	1.10E+00	U1/2	1.10E+00	41.42	2.20	7.00	10000	1000	9.80E+02	98%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T04-C	1	1.10E+00	U1/2	1.10E+00	56.45	2.20	7.00					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T05-C	1	1.10E+00	U1/2	1.10E+00	14.40	2.20	7.00					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T06-C	1	1.10E+00	U1/2	1.10E+00	14.71	2.20	7.00					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T07-C	1	1.10E+00	U1/2	1.10E+00	12.96	2.20	7.00					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T08-C	1	1.10E+00	U1/2	1.10E+00	28.48	2.20	7.00					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-T09-C	1	1.10E+00	U1/2	1.10E+00	11.56	2.20	7.00					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	20.51	2.20	7.00					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	36.80	2.20	7.00					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	26.97	2.20	7.00					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	99.94	2.20	7.00					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	21.78	2.20	7.00					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	39.88	2.20	7.00					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	99.82	2.20	7.00					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	91.44	2.20	7.00					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Cd	SWA-L01-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	12.63	2.20	7.00					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	SWA-L01-1315-T01-A	1	6.14E+02		6.14E+02	3.03	2.60	8.30					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T02-A	1	8.88E+03		8.88E+03	0.72	2.60	8.30					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T03-A	1	1.50E+04		1.50E+04	0.34	2.60	8.30	10000	1000	1.58E+04	86%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T04-A	1	2.88E+04		2.88E+04	0.51	2.60	8.30					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T05-A	1	3.29E+04		3.29E+04	0.90	2.60	8.30					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T06-A	1	3.61E+04		3.61E+04	0.37	2.60	8.30					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T07-A	1	3.03E+04		3.03E+04	0.36	2.60	8.30					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T08-A	1	3.08E+04		3.08E+04	0.69	2.60	8.30					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T09-A	1	2.37E+04		2.37E+04	0.94	2.60	8.30					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T01-B	1	5.83E+02		5.83E+02	4.81	2.60	8.30					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T02-B	1	7.69E+03		7.69E+03	0.51	2.60	8.30					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T03-B	1	1.45E+04		1.45E+04	0.78	2.60	8.30	10000	1000	1.54E+04	88%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T04-B	1	1.71E+04		1.71E+04	0.90	2.60	8.30					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T05-B	1	3.05E+04		3.05E+04	1.06	2.60	8.30					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T06-B	1	3.35E+04		3.35E+04	0.37	2.60	8.30					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T07-B	1	3.20E+04		3.20E+04	0.46	2.60	8.30					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T08-B	1	3.09E+04		3.09E+04	1.21	2.60	8.30					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T09-B	1	2.63E+04		2.63E+04	0.72	2.60	8.30					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T01-C	1	7.69E+02		7.69E+02	1.47	2.60	8.30					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T02-C	1	8.28E+03		8.28E+03	0.72	2.60	8.30					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T03-C	1	1.42E+04		1.42E+04	0.69	2.60	8.30	10000	1000	1.51E+04	92%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T04-C	1	2.60E+04		2.60E+04	0.44	2.60	8.30					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T05-C	1	3.28E+04		3.28E+04	0.81	2.60	8.30					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T06-C	1	3.50E+04		3.50E+04	0.65	2.60	8.30					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T07-C	1	3.71E+04		3.71E+04	1.01	2.60	8.30					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T08-C	1	3.29E+04		3.29E+04	0.59	2.60	8.30					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-T09-C	1	3.42E+04		3.42E+04	0.29	2.60	8.30					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-M01-A	1	1.38E+02		1.38E+02	3.38	2.60	8.30					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-M02-A	1	7.67E+01		7.67E+01	1.61	2.60	8.30					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-M03-A	1	1.35E+01		1.35E+01	3.90	2.60	8.30					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-M04-A	1	9.87E+01		9.87E+01	7.76	2.60	8.30					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-M05-A	1	1.51E+02		1.51E+02	2.08	2.60	8.30					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-M06-A	1	1.77E+02		1.77E+02	1.15	2.60	8.30					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-M07-A	1	9.75E+01		9.75E+01	1.62	2.60	8.30					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-M08-A	1	8.02E+01		8.02E+01	1.63	2.60	8.30					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Ca	SWA-L01-1315-M09-A	1	1.00E+02		1.00E+02	6.51	2.60	8.30					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	SWA-L01-1315-T01-A	1	3.28E+01		3.28E+01	0.25	1.20	3.82					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T02-A	1	6.41E+01		6.41E+01	0.39	1.20	3.82					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T03-A	1	2.47E+01		2.47E+01	2.64	1.20	3.82	10000	1000	1.02E+03	99%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T04-A	1	5.64E+01		5.64E+01	1.31	1.20	3.82					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T05-A	1	5.74E+01		5.74E+01	1.74	1.20	3.82					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T06-A	1	6.49E+01		6.49E+01	0.32	1.20	3.82					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T07-A	1	5.86E+01		5.86E+01	1.24	1.20	3.82					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T08-A	1	4.07E+01		4.07E+01	1.13	1.20	3.82					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T09-A	1	5.22E+01		5.22E+01	1.94	1.20	3.82					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T01-B	1	3.47E+01		3.47E+01	1.08	1.20	3.82					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T02-B	1	6.84E+01		6.84E+01	0.02	1.20	3.82					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T03-B	1	2.92E+01		2.92E+01	1.70	1.20	3.82	10000	1000	9.68E+02	94%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T04-B	1	4.18E+01		4.18E+01	1.70	1.20	3.82					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T05-B	1	6.05E+01		6.05E+01	0.73	1.20	3.82					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T06-B	1	6.69E+01		6.69E+01	0.63	1.20	3.82					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T07-B	1	5.91E+01		5.91E+01	0.91	1.20	3.82					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T08-B	1	4.07E+01		4.07E+01	1.47	1.20	3.82					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T09-B	1	5.10E+01		5.10E+01	0.38	1.20	3.82					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T01-C	1	4.44E+01		4.44E+01	0.84	1.20	3.82					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T02-C	1	1.18E+02		1.18E+02	0.61	1.20	3.82					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T03-C	1	4.13E+01		4.13E+01	1.23	1.20	3.82	10000	1000	1.06E+03	102%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T04-C	1	8.04E+01		8.04E+01	0.55	1.20	3.82					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T05-C	1	7.25E+01		7.25E+01	0.95	1.20	3.82					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T06-C	1	7.59E+01		7.59E+01	0.56	1.20	3.82					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T07-C	1	7.11E+01		7.11E+01	1.20	1.20	3.82					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T08-C	1	4.55E+01		4.55E+01	2.51	1.20	3.82					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-T09-C	1	6.16E+01		6.16E+01	1.01	1.20	3.82					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	52.27	1.20	3.82					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	69.31	1.20	3.82					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	38.74	1.20	3.82					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	48.66	1.20	3.82					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	24.21	1.20	3.82					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	12.43	1.20	3.82					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	61.55	1.20	3.82					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	47.94	1.20	3.82					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Cr	SWA-L01-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	32.94	1.20	3.82					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	SWA-L01-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	93.64	1.80	5.72					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	15.45	1.80	5.72					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	12.50	1.80	5.72	10000	1000	9.49E+02	95%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	51.36	1.80	5.72					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	27.30	1.80	5.72					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	43.79	1.80	5.72					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	96.42	1.80	5.72					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	38.99	1.80	5.72					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	15.42	1.80	5.72					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	73.77	1.80	5.72					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	97.57	1.80	5.72					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	16.47	1.80	5.72	10000	1000	9.78E+02	98%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	71.82	1.80	5.72					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	29.54	1.80	5.72					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	53.09	1.80	5.72					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	16.77	1.80	5.72					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	46.96	1.80	5.72					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	66.02	1.80	5.72					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	12.62	1.80	5.72					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	26.83	1.80	5.72					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	10.30	1.80	5.72	10000	1000	9.50E+02	95%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	96.03	1.80	5.72					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	6.25	1.80	5.72					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	22.89	1.80	5.72					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	66.69	1.80	5.72					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	38.88	1.80	5.72					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	97.20	1.80	5.72					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	11.14	1.80	5.72					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	5.58	1.80	5.72					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	38.41	1.80	5.72					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	3.41	1.80	5.72					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	25.12	1.80	5.72					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	26.66	1.80	5.72					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	46.90	1.80	5.72					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	71.21	1.80	5.72					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Co	SWA-L01-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	51.29	1.80	5.72					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	SWA-L01-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	78.00	3.70	11.80					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	87.18	3.70	11.80					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	67.95	3.70	11.80	10000	1000	9.42E+02	94%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	69.08	3.70	11.80					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	14.20	3.70	11.80					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	48.81	3.70	11.80					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	40.09	3.70	11.80					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	63.25	3.70	11.80					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	18.90	3.70	11.80					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	10.27	3.70	11.80					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T02-B	1	1.85E+00	U1/2	1.85E+00	17.82	3.70	11.80					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	38.86	3.70	11.80	10000	1000	9.37E+02	94%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	62.56	3.70	11.80					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	46.83	3.70	11.80					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	24.94	3.70	11.80					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	84.52	3.70	11.80					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	63.33	3.70	11.80					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	62.38	3.70	11.80					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	27.74	3.70	11.80					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	13.20	3.70	11.80					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	31.79	3.70	11.80	10000	1000	9.40E+02	94%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	71.50	3.70	11.80					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	66.26	3.70	11.80					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	57.19	3.70	11.80					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T07-C	1	3.89E+00	E	3.89E+00	14.90	3.70	11.80					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	45.62	3.70	11.80					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	27.23	3.70	11.80					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	74.87	3.70	11.80					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	47.25	3.70	11.80					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	56.98	3.70	11.80					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	38.44	3.70	11.80					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	18.97	3.70	11.80					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	8.71	3.70	11.80					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	42.96	3.70	11.80					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	16.36	3.70	11.80					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Cu	SWA-L01-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	53.57	3.70	11.80					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	SWA-L01-1315-T01-A	1	7.12E+00		7.12E+00	7.11	2.00	6.40					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T02-A	1	1.14E+01		1.14E+01	0.93	2.00	6.40					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T03-A	1	4.80E+00	E	4.80E+00	7.03	2.00	6.40	10000	1000	9.61E+02	96%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T04-A	1	4.02E+00	E	4.02E+00	8.33	2.00	6.40					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T05-A	1	4.23E+00	E	4.23E+00	6.34	2.00	6.40					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T06-A	1	3.92E+00	E	3.92E+00	6.55	2.00	6.40					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T07-A	1	2.77E+00	E	2.77E+00	7.82	2.00	6.40					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T08-A	1	3.76E+00	E	3.76E+00	10.86	2.00	6.40					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T09-A	1	1.62E+01		1.62E+01	9.15	2.00	6.40					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T01-B	1	5.70E+00	E	5.70E+00	7.37	2.00	6.40					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T02-B	1	1.25E+01		1.25E+01	1.66	2.00	6.40					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T03-B	1	4.95E+00	E	4.95E+00	4.73	2.00	6.40	10000	1000	9.80E+02	98%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T04-B	1	4.92E+00	E	4.92E+00	9.15	2.00	6.40					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T05-B	1	7.46E+00		7.46E+00	4.31	2.00	6.40					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T06-B	1	3.81E+00	E	3.81E+00	5.01	2.00	6.40					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T07-B	1	1.48E+01		1.48E+01	4.74	2.00	6.40					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T08-B	1	3.22E+00	E	3.22E+00	8.76	2.00	6.40					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T09-B	1	3.51E+00	E	3.51E+00	1.13	2.00	6.40					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T01-C	1	6.02E+00	E	6.02E+00	4.63	2.00	6.40					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T02-C	1	1.69E+01		1.69E+01	2.42	2.00	6.40					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T03-C	1	5.06E+00	E	5.06E+00	1.87	2.00	6.40	10000	1000	9.71E+02	97%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T04-C	1	6.62E+00		6.62E+00	8.63	2.00	6.40					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T05-C	1	4.94E+00	E	4.94E+00	6.78	2.00	6.40					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T06-C	1	4.06E+00	E	4.06E+00	9.25	2.00	6.40					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T07-C	1	5.75E+00	E	5.75E+00	5.24	2.00	6.40					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T08-C	1	2.68E+00	E	2.68E+00	6.87	2.00	6.40					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-T09-C	1	3.11E+00	E	3.11E+00	12.48	2.00	6.40					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	11.67	2.00	6.40					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	13.80	2.00	6.40					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	30.62	2.00	6.40					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	21.62	2.00	6.40					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	26.80	2.00	6.40					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	5.85	2.00	6.40					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	2.45	2.00	6.40					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	7.95	2.00	6.40					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Fe	SWA-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	18.15	2.00	6.40					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	SWA-L01-1315-T01-A	1	3.40E+00	U1/2	3.40E+00	66.25	6.80	21.60					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T02-A	1	3.40E+00	U1/2	3.40E+00	9.31	6.80	21.60					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T03-A	1	3.40E+00	U1/2	3.40E+00	50.21	6.80	21.60	10000	1000	9.33E+02	93%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T04-A	1	3.40E+00	U1/2	3.40E+00	79.85	6.80	21.60					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T05-A	1	3.40E+00	U1/2	3.40E+00	51.81	6.80	21.60					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T06-A	1	3.40E+00	U1/2	3.40E+00	77.65	6.80	21.60					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T07-A	1	3.40E+00	U1/2	3.40E+00	22.48	6.80	21.60					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T08-A	1	3.40E+00	U1/2	3.40E+00	88.80	6.80	21.60					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T09-A	1	3.40E+00	U1/2	3.40E+00	45.28	6.80	21.60					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T01-B	1	3.40E+00	U1/2	3.40E+00	33.38	6.80	21.60					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T02-B	1	3.40E+00	U1/2	3.40E+00	91.83	6.80	21.60					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T03-B	1	3.40E+00	U1/2	3.40E+00	70.99	6.80	21.60	10000	1000	9.79E+02	98%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T04-B	1	3.40E+00	U1/2	3.40E+00	90.69	6.80	21.60					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T05-B	1	3.40E+00	U1/2	3.40E+00	79.46	6.80	21.60					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T06-B	1	3.40E+00	U1/2	3.40E+00	35.79	6.80	21.60					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T07-B	1	3.40E+00	U1/2	3.40E+00	31.02	6.80	21.60					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T08-B	1	3.40E+00	U1/2	3.40E+00	74.91	6.80	21.60					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T09-B	1	3.40E+00	U1/2	3.40E+00	46.07	6.80	21.60					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T01-C	1	3.40E+00	U1/2	3.40E+00	11.05	6.80	21.60					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T02-C	1	3.40E+00	U1/2	3.40E+00	18.19	6.80	21.60					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T03-C	1	3.40E+00	U1/2	3.40E+00	35.66	6.80	21.60	10000	1000	9.33E+02	93%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T04-C	1	3.40E+00	U1/2	3.40E+00	49.26	6.80	21.60					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T05-C	1	3.40E+00	U1/2	3.40E+00	80.01	6.80	21.60					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T06-C	1	3.40E+00	U1/2	3.40E+00	43.86	6.80	21.60					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T07-C	1	3.40E+00	U1/2	3.40E+00	37.91	6.80	21.60					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T08-C	1	3.40E+00	U1/2	3.40E+00	71.02	6.80	21.60					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-T09-C	1	3.40E+00	U1/2	3.40E+00	32.05	6.80	21.60					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	81.35	6.80	21.60					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	53.78	6.80	21.60					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	30.14	6.80	21.60					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	95.62	6.80	21.60					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	57.75	6.80	21.60					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	80.74	6.80	21.60					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	44.03	6.80	21.60					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	96.35	6.80	21.60					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Pb	SWA-L01-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	45.33	6.80	21.60					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	SWA-L01-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	5.23	1.90	6.00					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	9.25	1.90	6.00					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	18.61	1.90	6.00	10000	1000	8.98E+02	90%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	24.76	1.90	6.00					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	29.79	1.90	6.00					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	6.47	1.90	6.00					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	19.85	1.90	6.00					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	37.87	1.90	6.00					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	13.09	1.90	6.00					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	29.54	1.90	6.00					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	9.27	1.90	6.00					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	4.41	1.90	6.00	10000	1000	8.65E+02	86%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	16.25	1.90	6.00					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	36.07	1.90	6.00					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	29.17	1.90	6.00					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	10.47	1.90	6.00					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	12.38	1.90	6.00					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	43.37	1.90	6.00					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	21.42	1.90	6.00					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	7.25	1.90	6.00					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	19.58	1.90	6.00	10000	1000	8.79E+02	88%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	19.82	1.90	6.00					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	22.74	1.90	6.00					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	4.86	1.90	6.00					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	6.20	1.90	6.00					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	14.18	1.90	6.00					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	6.35	1.90	6.00					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	19.97	1.90	6.00					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	23.82	1.90	6.00					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	27.33	1.90	6.00					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	15.45	1.90	6.00					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	19.53	1.90	6.00					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	18.74	1.90	6.00					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	28.68	1.90	6.00					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	21.14	1.90	6.00					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Li	SWA-L01-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	29.43	1.90	6.00					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	SWA-L01-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	15.82	2.00	6.40					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	26.39	2.00	6.40					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	14.60	2.00	6.40	10000	1000	9.51E+02	95%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	18.24	2.00	6.40					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	30.93	2.00	6.40					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	23.48	2.00	6.40					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	9.86	2.00	6.40					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	10.77	2.00	6.40					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	6.59	2.00	6.40					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	21.32	2.00	6.40					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	40.97	2.00	6.40					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	1.66	2.00	6.40	10000	1000	9.91E+02	99%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	28.78	2.00	6.40					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	11.92	2.00	6.40					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	32.45	2.00	6.40					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	3.66	2.00	6.40					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	22.50	2.00	6.40					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	10.85	2.00	6.40					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	1.33	2.00	6.40					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	26.61	2.00	6.40					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	10.87	2.00	6.40	10000	1000	9.58E+02	96%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	42.68	2.00	6.40					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	5.89	2.00	6.40					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	32.00	2.00	6.40					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	24.50	2.00	6.40					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	20.21	2.00	6.40					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	22.41	2.00	6.40					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	9.54	2.00	6.40					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	102.08	2.00	6.40					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	38.97	2.00	6.40					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	15.06	2.00	6.40					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	41.40	2.00	6.40					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	14.31	2.00	6.40					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	8.43	2.00	6.40					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	18.11	2.00	6.40					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Mn	SWA-L01-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	1.89	2.00	6.40					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	SWA-L01-1315-T01-A	1	2.54E+01		2.54E+01	2.48	1.00	3.18					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T02-A	1	2.79E+01		2.79E+01	3.21	1.00	3.18					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T03-A	1	3.96E+01		3.96E+01	0.87	1.00	3.18	10000	1000	1.02E+03	98%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T04-A	1	3.78E+01		3.78E+01	1.53	1.00	3.18					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T05-A	1	2.92E+01		2.92E+01	2.63	1.00	3.18					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T06-A	1	2.18E+01		2.18E+01	1.63	1.00	3.18					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T07-A	1	3.90E+01		3.90E+01	2.37	1.00	3.18					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T08-A	1	6.95E+01		6.95E+01	0.98	1.00	3.18					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T09-A	1	1.60E+02		1.60E+02	0.83	1.00	3.18					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T01-B	1	2.10E+01		2.10E+01	1.99	1.00	3.18					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T02-B	1	2.56E+01		2.56E+01	2.63	1.00	3.18					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T03-B	1	3.36E+01		3.36E+01	2.43	1.00	3.18	10000	1000	9.76E+02	94%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T04-B	1	1.71E+01		1.71E+01	10.29	1.00	3.18					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T05-B	1	2.57E+01		2.57E+01	3.11	1.00	3.18					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T06-B	1	2.59E+01		2.59E+01	6.59	1.00	3.18					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T07-B	1	3.16E+01		3.16E+01	2.75	1.00	3.18					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T08-B	1	5.29E+01		5.29E+01	1.52	1.00	3.18					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T09-B	1	3.59E+01		3.59E+01	1.39	1.00	3.18					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T01-C	1	2.96E+01		2.96E+01	3.79	1.00	3.18					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T02-C	1	3.15E+01		3.15E+01	2.85	1.00	3.18					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T03-C	1	3.77E+01		3.77E+01	0.20	1.00	3.18	10000	1000	1.01E+03	97%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T04-C	1	2.77E+01		2.77E+01	1.88	1.00	3.18					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T05-C	1	1.74E+01		1.74E+01	4.10	1.00	3.18					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T06-C	1	1.74E+01		1.74E+01	3.80	1.00	3.18					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T07-C	1	2.96E+01		2.96E+01	3.95	1.00	3.18					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T08-C	1	5.58E+01		5.58E+01	1.01	1.00	3.18					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-T09-C	1	3.65E+01		3.65E+01	1.65	1.00	3.18					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-M01-A	1	1.24E+01		1.24E+01	2.27	1.00	3.18					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-M02-A	1	4.70E+00		4.70E+00	0.96	1.00	3.18					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-M03-A	1	4.06E+00		4.06E+00	3.46	1.00	3.18					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-M04-A	1	8.87E+00		8.87E+00	1.24	1.00	3.18					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-M05-A	1	6.90E+00		6.90E+00	0.49	1.00	3.18					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-M06-A	1	6.55E+00		6.55E+00	1.28	1.00	3.18					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-M07-A	1	6.13E+00		6.13E+00	0.80	1.00	3.18					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-M08-A	1	4.44E+00		4.44E+00	5.09	1.00	3.18					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Mg	SWA-L01-1315-M09-A	1	3.73E+00		3.73E+00	1.05	1.00	3.18					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	SWA-L01-1315-T01-A	1	6.22E+00		6.22E+00	9.66	1.20	3.82					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T02-A	1	1.41E+01		1.41E+01	5.77	1.20	3.82					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T03-A	1	5.74E+00		5.74E+00	1.31	1.20	3.82	10000	1000	9.55E+02	95%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T04-A	1	1.35E+01		1.35E+01	7.76	1.20	3.82					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T05-A	1	7.09E+00		7.09E+00	5.59	1.20	3.82					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T06-A	1	8.04E+00		8.04E+00	10.22	1.20	3.82					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T07-A	1	4.71E+00		4.71E+00	2.35	1.20	3.82					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T08-A	1	3.24E+00	E	3.24E+00	17.22	1.20	3.82					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T09-A	1	4.94E+00		4.94E+00	9.25	1.20	3.82					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T01-B	1	4.38E+00		4.38E+00	3.32	1.20	3.82					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T02-B	1	1.56E+01		1.56E+01	5.59	1.20	3.82					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T03-B	1	7.84E+00		7.84E+00	8.74	1.20	3.82	10000	1000	9.70E+02	96%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T04-B	1	9.94E+00		9.94E+00	3.94	1.20	3.82					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T05-B	1	7.78E+00		7.78E+00	1.38	1.20	3.82					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T06-B	1	7.02E+00		7.02E+00	4.47	1.20	3.82					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T07-B	1	5.99E+00		5.99E+00	1.92	1.20	3.82					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T08-B	1	3.75E+00	E	3.75E+00	12.03	1.20	3.82					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T09-B	1	3.63E+00	E	3.63E+00	28.89	1.20	3.82					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T01-C	1	8.04E+00		8.04E+00	7.27	1.20	3.82					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T02-C	1	1.95E+01		1.95E+01	7.32	1.20	3.82					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T03-C	1	8.40E+00		8.40E+00	5.61	1.20	3.82	10000	1000	9.66E+02	96%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T04-C	1	1.52E+01		1.52E+01	3.48	1.20	3.82					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T05-C	1	9.43E+00		9.43E+00	1.16	1.20	3.82					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T06-C	1	1.05E+01		1.05E+01	10.25	1.20	3.82					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T07-C	1	7.00E+00		7.00E+00	8.42	1.20	3.82					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T08-C	1	3.05E+00	E	3.05E+00	14.16	1.20	3.82					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-T09-C	1	5.32E+00		5.32E+00	4.46	1.20	3.82					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	3.56	1.20	3.82					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	34.03	1.20	3.82					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	54.37	1.20	3.82					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	28.68	1.20	3.82					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	26.39	1.20	3.82					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	5.60	1.20	3.82					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	15.51	1.20	3.82					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	38.05	1.20	3.82					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Mo	SWA-L01-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	17.60	1.20	3.82					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	SWA-L01-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	43.81	1.80	5.70					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	32.45	1.80	5.70					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	8.14	1.80	5.70	10000	1000	9.49E+02	95%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	4.29	1.80	5.70					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	21.06	1.80	5.70					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	40.11	1.80	5.70					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	51.25	1.80	5.70					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	22.42	1.80	5.70					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	24.23	1.80	5.70					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	55.39	1.80	5.70					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	32.88	1.80	5.70					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	33.52	1.80	5.70	10000	1000	9.73E+02	97%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	46.69	1.80	5.70					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	45.95	1.80	5.70					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	45.85	1.80	5.70					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	55.41	1.80	5.70					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	36.85	1.80	5.70					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	18.28	1.80	5.70					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	26.78	1.80	5.70					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	60.90	1.80	5.70					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	43.51	1.80	5.70	10000	1000	9.54E+02	95%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	46.51	1.80	5.70					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	73.18	1.80	5.70					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	28.89	1.80	5.70					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	26.97	1.80	5.70					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	35.99	1.80	5.70					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	41.09	1.80	5.70					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	36.09	1.80	5.70					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	29.13	1.80	5.70					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	46.00	1.80	5.70					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	42.98	1.80	5.70					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	53.73	1.80	5.70					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	26.10	1.80	5.70					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	17.62	1.80	5.70					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	22.91	1.80	5.70					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Ni	SWA-L01-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	33.73	1.80	5.70					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	SWA-L01-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	5.43	3.70	11.80					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T02-A	1	1.80E+01		1.80E+01	8.51	3.70	11.80					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	2.87	3.70	11.80	10000	1000	1.05E+03	105%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	2.53	3.70	11.80					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	5.70	3.70	11.80					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T06-A	1	1.92E+01		1.92E+01	0.74	3.70	11.80					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	10.48	3.70	11.80					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	1.59	3.70	11.80					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	2.39	3.70	11.80					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T01-B	1	2.45E+01		2.45E+01	4.16	3.70	11.80					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T02-B	1	1.14E+01	E	1.14E+01	6.38	3.70	11.80					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	9.31	3.70	11.80	10000	1000	1.04E+03	104%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	9.93	3.70	11.80					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	6.15	3.70	11.80					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	5.96	3.70	11.80					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	6.48	3.70	11.80					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T08-B	1	1.02E+01	E	1.02E+01	2.81	3.70	11.80					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T09-B	1	1.96E+01		1.96E+01	5.83	3.70	11.80					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T01-C	1	2.81E+01		2.81E+01	5.45	3.70	11.80					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	1.95	3.70	11.80					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T03-C	1	1.05E+01	E	1.05E+01	4.24	3.70	11.80	10000	1000	1.05E+03	104%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	3.42	3.70	11.80					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	1.88	3.70	11.80					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T06-C	1	3.93E+01		3.93E+01	3.18	3.70	11.80					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T07-C	1	1.21E+01		1.21E+01	5.27	3.70	11.80					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T08-C	1	6.60E+00	E	6.60E+00	6.17	3.70	11.80					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	3.14	3.70	11.80					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	8.28	3.70	11.80					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	5.69	3.70	11.80					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	11.84	3.70	11.80					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	2.07	3.70	11.80					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	3.52	3.70	11.80					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	1.29	3.70	11.80					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	9.18	3.70	11.80					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	4.55	3.70	11.80					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
P	SWA-L01-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	6.62	3.70	11.80					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	SWA-L01-1315-T01-A	1	8.19E+03		8.19E+03	0.16	1.60	5.09					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T02-A	1	3.35E+04		3.35E+04	0.97	1.60	5.09					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T03-A	1	1.58E+04		1.58E+04	0.48	1.60	5.09	10000	1000	1.67E+04	90%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T04-A	1	3.84E+04		3.84E+04	0.60	1.60	5.09					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T05-A	1	2.66E+04		2.66E+04	0.79	1.60	5.09					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T06-A	1	2.91E+04		2.91E+04	0.37	1.60	5.09					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T07-A	1	2.02E+04		2.02E+04	0.26	1.60	5.09					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T08-A	1	8.53E+03		8.53E+03	0.88	1.60	5.09					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T09-A	1	1.27E+04		1.27E+04	0.86	1.60	5.09					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T01-B	1	8.24E+03		8.24E+03	0.25	1.60	5.09					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T02-B	1	3.76E+04		3.76E+04	0.80	1.60	5.09					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T03-B	1	2.12E+04		2.12E+04	0.93	1.60	5.09	10000	1000	2.21E+04	86%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T04-B	1	3.32E+04		3.32E+04	0.92	1.60	5.09					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T05-B	1	3.37E+04		3.37E+04	1.39	1.60	5.09					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T06-B	1	3.61E+04		3.61E+04	0.61	1.60	5.09					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T07-B	1	2.44E+04		2.44E+04	0.75	1.60	5.09					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T08-B	1	1.04E+04		1.04E+04	1.49	1.60	5.09					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T09-B	1	1.57E+04		1.57E+04	0.61	1.60	5.09					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T01-C	1	1.02E+04		1.02E+04	0.68	1.60	5.09					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T02-C	1	4.58E+04		4.58E+04	0.61	1.60	5.09					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T03-C	1	2.15E+04		2.15E+04	0.57	1.60	5.09	10000	1000	2.24E+04	89%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T04-C	1	5.04E+04		5.04E+04	1.00	1.60	5.09					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T05-C	1	3.62E+04		3.62E+04	0.69	1.60	5.09					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T06-C	1	3.89E+04		3.89E+04	0.93	1.60	5.09					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T07-C	1	2.70E+04		2.70E+04	2.42	1.60	5.09					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T08-C	1	1.18E+04		1.18E+04	0.21	1.60	5.09					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-T09-C	1	1.71E+04		1.71E+04	0.15	1.60	5.09					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-M01-A	1	6.04E+01		6.04E+01	1.57	1.60	5.09					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-M02-A	1	4.94E+01		4.94E+01	0.77	1.60	5.09					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-M03-A	1	4.48E+01		4.48E+01	4.05	1.60	5.09					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-M04-A	1	4.39E+01		4.39E+01	1.25	1.60	5.09					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-M05-A	1	4.11E+01		4.11E+01	3.47	1.60	5.09					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-M06-A	1	4.28E+01		4.28E+01	1.19	1.60	5.09					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-M07-A	1	5.98E+01		5.98E+01	2.72	1.60	5.09					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-M08-A	1	3.60E+01		3.60E+01	3.87	1.60	5.09					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
K	SWA-L01-1315-M09-A	1	5.26E+01		5.26E+01	2.89	1.60	5.09					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	SWA-L01-1315-T01-A	1	1.63E+03		1.63E+03	0.74	15.00	47.70					VU ICP-OES	1/25/12 11:48 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T02-A	1	5.23E+03		5.23E+03	0.28	15.00	47.70					VU ICP-OES	1/25/12 11:50 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T03-A	1	2.32E+03		2.32E+03	0.84	15.00	47.70	10000	1000	3.24E+03	92%	VU ICP-OES	1/25/12 11:51 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T04-A	1	5.00E+03		5.00E+03	0.36	15.00	47.70					VU ICP-OES	1/25/12 11:53 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T05-A	1	3.59E+03		3.59E+03	1.25	15.00	47.70					VU ICP-OES	1/25/12 11:55 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T06-A	1	3.44E+03		3.44E+03	0.17	15.00	47.70					VU ICP-OES	1/25/12 11:56 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T07-A	1	1.34E+03		1.34E+03	1.12	15.00	47.70					VU ICP-OES	1/25/12 11:58 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T08-A	1	4.72E+02		4.72E+02	4.01	15.00	47.70					VU ICP-OES	1/25/12 12:00 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T09-A	1	7.66E+02		7.66E+02	2.56	15.00	47.70					VU ICP-OES	1/25/12 12:01 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T01-B	1	1.64E+03		1.64E+03	1.21	15.00	47.70					VU ICP-OES	1/25/12 12:06 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T02-B	1	5.45E+03		5.45E+03	0.46	15.00	47.70					VU ICP-OES	1/25/12 12:08 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T03-B	1	2.49E+03		2.49E+03	1.18	15.00	47.70	10000	1000	3.39E+03	90%	VU ICP-OES	1/25/12 12:09 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T04-B	1	4.98E+03		4.98E+03	1.75	15.00	47.70					VU ICP-OES	1/25/12 12:11 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T05-B	1	3.66E+03		3.66E+03	0.73	15.00	47.70					VU ICP-OES	1/25/12 12:13 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T06-B	1	3.25E+03		3.25E+03	0.93	15.00	47.70					VU ICP-OES	1/25/12 12:14 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T07-B	1	1.37E+03		1.37E+03	0.63	15.00	47.70					VU ICP-OES	1/25/12 12:16 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T08-B	1	4.81E+02		4.81E+02	1.83	15.00	47.70					VU ICP-OES	1/25/12 12:18 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T09-B	1	8.46E+02		8.46E+02	0.58	15.00	47.70					VU ICP-OES	1/25/12 12:19 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T01-C	1	1.73E+03		1.73E+03	0.82	15.00	47.70					VU ICP-OES	1/25/12 12:21 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T02-C	1	5.67E+03		5.67E+03	0.71	15.00	47.70					VU ICP-OES	1/25/12 12:23 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T03-C	1	2.49E+03		2.49E+03	1.11	15.00	47.70	10000	1000	3.39E+03	90%	VU ICP-OES	1/25/12 12:24 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T04-C	1	5.10E+03		5.10E+03	0.16	15.00	47.70					VU ICP-OES	1/25/12 12:26 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T05-C	1	3.67E+03		3.67E+03	0.90	15.00	47.70					VU ICP-OES	1/25/12 12:27 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T06-C	1	3.55E+03		3.55E+03	0.50	15.00	47.70					VU ICP-OES	1/25/12 12:29 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T07-C	1	1.49E+03		1.49E+03	0.34	15.00	47.70					VU ICP-OES	1/25/12 12:31 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T08-C	1	5.09E+02		5.09E+02	1.31	15.00	47.70					VU ICP-OES	1/25/12 12:32 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-T09-C	1	9.44E+02		9.44E+02	0.60	15.00	47.70					VU ICP-OES	1/25/12 12:34 PM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	14.13	15.00	47.70					VU ICP-OES	1/25/12 11:33 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	11.61	15.00	47.70					VU ICP-OES	1/25/12 11:35 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	22.98	15.00	47.70					VU ICP-OES	1/25/12 11:36 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	13.96	15.00	47.70					VU ICP-OES	1/25/12 11:38 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	20.06	15.00	47.70					VU ICP-OES	1/25/12 11:40 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	20.78	15.00	47.70					VU ICP-OES	1/25/12 11:41 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	11.84	15.00	47.70					VU ICP-OES	1/25/12 11:43 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	9.93	15.00	47.70					VU ICP-OES	1/25/12 11:45 AM	EPA Interlab L01 1315 SWA
Se	SWA-L01-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	21.88	15.00	47.70					VU ICP-OES	1/25/12 11:46 AM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	SWA-L01-1315-T01-A	1	5.62E+02		5.62E+02	1.01	1.10	3.50					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T02-A	1	4.55E+03		4.55E+03	0.22	1.10	3.50					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T03-A	1	3.41E+03		3.41E+03	0.33	1.10	3.50	10000	1000	4.36E+03	95%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T04-A	1	8.38E+03		8.38E+03	1.61	1.10	3.50					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T05-A	1	7.55E+03		7.55E+03	0.43	1.10	3.50					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T06-A	1	8.09E+03		8.09E+03	0.92	1.10	3.50					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T07-A	1	7.32E+03		7.32E+03	1.23	1.10	3.50					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T08-A	1	5.30E+03		5.30E+03	1.19	1.10	3.50					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T09-A	1	6.85E+03		6.85E+03	0.88	1.10	3.50					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T01-B	1	5.47E+02		5.47E+02	0.87	1.10	3.50					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T02-B	1	5.10E+03		5.10E+03	0.79	1.10	3.50					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T03-B	1	4.08E+03		4.08E+03	0.25	1.10	3.50	10000	1000	5.01E+03	93%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T04-B	1	5.89E+03		5.89E+03	0.79	1.10	3.50					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T05-B	1	7.59E+03		7.59E+03	0.55	1.10	3.50					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T06-B	1	8.12E+03		8.12E+03	2.00	1.10	3.50					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T07-B	1	7.31E+03		7.31E+03	2.42	1.10	3.50					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T08-B	1	5.27E+03		5.27E+03	1.71	1.10	3.50					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T09-B	1	6.89E+03		6.89E+03	1.93	1.10	3.50					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T01-C	1	6.37E+02		6.37E+02	0.73	1.10	3.50					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T02-C	1	5.88E+03		5.88E+03	0.19	1.10	3.50					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T03-C	1	4.10E+03		4.10E+03	0.58	1.10	3.50	10000	1000	5.07E+03	97%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T04-C	1	8.59E+03		8.59E+03	0.12	1.10	3.50					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T05-C	1	7.77E+03		7.77E+03	1.04	1.10	3.50					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T06-C	1	8.39E+03		8.39E+03	0.07	1.10	3.50					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T07-C	1	7.39E+03		7.39E+03	2.65	1.10	3.50					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T08-C	1	5.34E+03		5.34E+03	0.66	1.10	3.50					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-T09-C	1	6.67E+03		6.67E+03	0.40	1.10	3.50					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	6.74	1.10	3.50					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	7.39	1.10	3.50					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	7.28	1.10	3.50					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	13.74	1.10	3.50					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	18.41	1.10	3.50					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	7.21	1.10	3.50					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	10.81	1.10	3.50					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	12.60	1.10	3.50					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Si	SWA-L01-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	17.45	1.10	3.50					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	SWA-L01-1315-T01-A	1	3.50E+04		3.50E+04	0.39	2.50	8.00					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T02-A	1	1.08E+05		1.08E+05	0.23	2.50	8.00					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T03-A	1	6.35E+04		6.35E+04	0.36	2.50	8.00	10000	1000	6.43E+04	87%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T04-A	1	1.23E+05		1.23E+05	0.35	2.50	8.00					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T05-A	1	9.46E+04		9.46E+04	0.47	2.50	8.00					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T06-A	1	1.02E+05		1.02E+05	0.18	2.50	8.00					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T07-A	1	7.88E+04		7.88E+04	1.13	2.50	8.00					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T08-A	1	3.83E+04		3.83E+04	0.58	2.50	8.00					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T09-A	1	5.69E+04		5.69E+04	0.68	2.50	8.00					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T01-B	1	3.56E+04		3.56E+04	0.45	2.50	8.00					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T02-B	1	1.15E+05		1.15E+05	0.74	2.50	8.00					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T03-B	1	7.96E+04		7.96E+04	0.72	2.50	8.00	10000	1000	8.04E+04	86%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T04-B	1	1.00E+05		1.00E+05	0.74	2.50	8.00					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T05-B	1	1.12E+05		1.12E+05	0.38	2.50	8.00					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T06-B	1	1.20E+05		1.20E+05	0.58	2.50	8.00					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T07-B	1	8.91E+04		8.91E+04	0.81	2.50	8.00					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T08-B	1	4.52E+04		4.52E+04	0.81	2.50	8.00					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T09-B	1	6.67E+04		6.67E+04	1.15	2.50	8.00					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T01-C	1	4.37E+04		4.37E+04	0.58	2.50	8.00					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T02-C	1	1.33E+05		1.33E+05	0.17	2.50	8.00					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T03-C	1	7.90E+04		7.90E+04	0.31	2.50	8.00	10000	1000	7.99E+04	89%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T04-C	1	1.47E+05		1.47E+05	0.34	2.50	8.00					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T05-C	1	1.16E+05		1.16E+05	0.41	2.50	8.00					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T06-C	1	1.25E+05		1.25E+05	0.49	2.50	8.00					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T07-C	1	9.51E+04		9.51E+04	1.18	2.50	8.00					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T08-C	1	4.94E+04		4.94E+04	0.20	2.50	8.00					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-T09-C	1	7.01E+04		7.01E+04	0.73	2.50	8.00					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-M01-A	1	1.86E+01		1.86E+01	9.39	2.50	8.00					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-M02-A	1	2.66E+01		2.66E+01	8.20	2.50	8.00					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-M03-A	1	1.40E+01		1.40E+01	9.78	2.50	8.00					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-M04-A	1	9.06E+00		9.06E+00	1.27	2.50	8.00					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-M05-A	1	1.45E+01		1.45E+01	1.36	2.50	8.00					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-M06-A	1	1.43E+01		1.43E+01	9.35	2.50	8.00					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-M07-A	1	7.27E+00	E	7.27E+00	0.34	2.50	8.00					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-M08-A	1	7.42E+00	E	7.42E+00	10.15	2.50	8.00					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Na	SWA-L01-1315-M09-A	1	9.56E+00		9.56E+00	4.22	2.50	8.00					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	SWA-L01-1315-T01-A	1	3.33E+00		3.33E+00	0.99	1.00	3.18					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T02-A	1	8.64E+01		8.64E+01	0.93	1.00	3.18					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T03-A	1	1.21E+02		1.21E+02	0.79	1.00	3.18	10000	1000	1.04E+03	92%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T04-A	1	2.52E+02		2.52E+02	0.33	1.00	3.18					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T05-A	1	2.91E+02		2.91E+02	1.19	1.00	3.18					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T06-A	1	3.49E+02		3.49E+02	0.47	1.00	3.18					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T07-A	1	3.22E+02		3.22E+02	0.45	1.00	3.18					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T08-A	1	2.88E+02		2.88E+02	0.49	1.00	3.18					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T09-A	1	2.63E+02		2.63E+02	1.26	1.00	3.18					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T01-B	1	3.78E+00		3.78E+00	1.57	1.00	3.18					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T02-B	1	7.75E+01		7.75E+01	0.86	1.00	3.18					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T03-B	1	1.27E+02		1.27E+02	0.25	1.00	3.18	10000	1000	1.02E+03	90%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T04-B	1	1.63E+02		1.63E+02	0.80	1.00	3.18					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T05-B	1	2.92E+02		2.92E+02	1.07	1.00	3.18					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T06-B	1	3.47E+02		3.47E+02	0.51	1.00	3.18					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T07-B	1	3.43E+02		3.43E+02	0.33	1.00	3.18					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T08-B	1	3.00E+02		3.00E+02	1.81	1.00	3.18					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T09-B	1	2.91E+02		2.91E+02	0.26	1.00	3.18					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T01-C	1	4.40E+00		4.40E+00	1.53	1.00	3.18					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T02-C	1	8.66E+01		8.66E+01	1.07	1.00	3.18					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T03-C	1	1.27E+02		1.27E+02	0.79	1.00	3.18	10000	1000	1.05E+03	92%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T04-C	1	2.62E+02		2.62E+02	0.40	1.00	3.18					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T05-C	1	3.35E+02		3.35E+02	0.86	1.00	3.18					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T06-C	1	3.91E+02		3.91E+02	0.44	1.00	3.18					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T07-C	1	4.13E+02		4.13E+02	0.47	1.00	3.18					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T08-C	1	3.40E+02		3.40E+02	0.50	1.00	3.18					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-T09-C	1	3.69E+02		3.69E+02	0.25	1.00	3.18					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	16.66	1.00	3.18					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	7.31	1.00	3.18					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	24.10	1.00	3.18					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	20.01	1.00	3.18					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	30.64	1.00	3.18					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	6.83	1.00	3.18					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	16.59	1.00	3.18					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	8.76	1.00	3.18					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Sr	SWA-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	7.33	1.00	3.18					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	SWA-L01-1315-T01-A	1	6.01E+03		6.01E+03	0.77	6.80	21.60					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T02-A	1	2.12E+04		2.12E+04	0.63	6.80	21.60					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T03-A	1	7.73E+03		7.73E+03	0.63	6.80	21.60	10000	1000	8.69E+03	96%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T04-A	1	1.76E+04		1.76E+04	0.75	6.80	21.60					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T05-A	1	9.71E+03		9.71E+03	0.77	6.80	21.60					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T06-A	1	9.83E+03		9.83E+03	0.03	6.80	21.60					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T07-A	1	5.77E+03		5.77E+03	0.37	6.80	21.60					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T08-A	1	2.23E+03		2.23E+03	1.27	6.80	21.60					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T09-A	1	5.45E+03		5.45E+03	1.48	6.80	21.60					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T01-B	1	5.94E+03		5.94E+03	0.52	6.80	21.60					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T02-B	1	2.19E+04		2.19E+04	0.28	6.80	21.60					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T03-B	1	9.88E+03		9.88E+03	1.35	6.80	21.60	10000	1000	1.08E+04	90%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T04-B	1	1.38E+04		1.38E+04	1.24	6.80	21.60					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T05-B	1	1.32E+04		1.32E+04	1.08	6.80	21.60					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T06-B	1	1.11E+04		1.11E+04	0.47	6.80	21.60					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T07-B	1	6.51E+03		6.51E+03	1.16	6.80	21.60					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T08-B	1	2.46E+03		2.46E+03	1.51	6.80	21.60					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T09-B	1	6.13E+03		6.13E+03	1.56	6.80	21.60					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T01-C	1	8.65E+03		8.65E+03	0.60	6.80	21.60					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T02-C	1	2.98E+04		2.98E+04	0.44	6.80	21.60					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T03-C	1	1.04E+04		1.04E+04	1.12	6.80	21.60	10000	1000	1.14E+04	94%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T04-C	1	2.33E+04		2.33E+04	0.08	6.80	21.60					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T05-C	1	1.41E+04		1.41E+04	0.87	6.80	21.60					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T06-C	1	1.35E+04		1.35E+04	1.12	6.80	21.60					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T07-C	1	8.14E+03		8.14E+03	0.60	6.80	21.60					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T08-C	1	3.15E+03		3.15E+03	0.88	6.80	21.60					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-T09-C	1	7.40E+03		7.40E+03	1.36	6.80	21.60					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	2.26	6.80	21.60					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	5.69	6.80	21.60					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	1.84	6.80	21.60					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	1.86	6.80	21.60					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	3.38	6.80	21.60					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	2.95	6.80	21.60					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	3.47	6.80	21.60					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	0.92	6.80	21.60					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
S	SWA-L01-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	1.45	6.80	21.60					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	SWA-L01-1315-T01-A	1	2.30E+00	U1/2	2.30E+00	16.35	4.60	14.60					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T02-A	1	2.30E+00	U1/2	2.30E+00	22.04	4.60	14.60					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T03-A	1	2.30E+00	U1/2	2.30E+00	21.89	4.60	14.60	10000	1000	9.42E+02	94%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T04-A	1	2.30E+00	U1/2	2.30E+00	5.70	4.60	14.60					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T05-A	1	2.30E+00	U1/2	2.30E+00	3.96	4.60	14.60					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T06-A	1	2.30E+00	U1/2	2.30E+00	7.99	4.60	14.60					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T07-A	1	2.30E+00	U1/2	2.30E+00	28.93	4.60	14.60					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T08-A	1	2.30E+00	U1/2	2.30E+00	10.64	4.60	14.60					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T09-A	1	2.30E+00	U1/2	2.30E+00	18.52	4.60	14.60					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T01-B	1	2.30E+00	U1/2	2.30E+00	49.90	4.60	14.60					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T02-B	1	2.30E+00	U1/2	2.30E+00	28.51	4.60	14.60					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T03-B	1	2.30E+00	U1/2	2.30E+00	25.45	4.60	14.60	10000	1000	9.21E+02	92%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T04-B	1	2.30E+00	U1/2	2.30E+00	31.05	4.60	14.60					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T05-B	1	2.30E+00	U1/2	2.30E+00	13.87	4.60	14.60					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T06-B	1	2.30E+00	U1/2	2.30E+00	33.58	4.60	14.60					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T07-B	1	2.30E+00	U1/2	2.30E+00	22.35	4.60	14.60					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T08-B	1	2.30E+00	U1/2	2.30E+00	39.40	4.60	14.60					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T09-B	1	2.30E+00	U1/2	2.30E+00	34.79	4.60	14.60					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T01-C	1	2.30E+00	U1/2	2.30E+00	31.62	4.60	14.60					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T02-C	1	2.30E+00	U1/2	2.30E+00	41.51	4.60	14.60					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T03-C	1	2.30E+00	U1/2	2.30E+00	25.60	4.60	14.60	10000	1000	9.39E+02	94%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T04-C	1	2.30E+00	U1/2	2.30E+00	13.68	4.60	14.60					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T05-C	1	2.30E+00	U1/2	2.30E+00	17.91	4.60	14.60					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T06-C	1	2.30E+00	U1/2	2.30E+00	20.16	4.60	14.60					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T07-C	1	2.30E+00	U1/2	2.30E+00	48.58	4.60	14.60					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T08-C	1	2.30E+00	U1/2	2.30E+00	6.48	4.60	14.60					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-T09-C	1	2.30E+00	U1/2	2.30E+00	46.58	4.60	14.60					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	14.38	4.60	14.60					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	9.08	4.60	14.60					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	8.44	4.60	14.60					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	18.88	4.60	14.60					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	17.48	4.60	14.60					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	25.05	4.60	14.60					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	22.94	4.60	14.60					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	19.45	4.60	14.60					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Tl	SWA-L01-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	17.71	4.60	14.60					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	SWA-L01-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	31.00	2.00	6.40					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	50.28	2.00	6.40					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	78.97	2.00	6.40	10000	1000	9.43E+02	94%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	64.02	2.00	6.40					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	24.09	2.00	6.40					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	67.00	2.00	6.40					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	89.67	2.00	6.40					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	53.70	2.00	6.40					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	20.73	2.00	6.40					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	46.34	2.00	6.40					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	34.90	2.00	6.40					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	45.18	2.00	6.40	10000	1000	9.31E+02	93%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	21.15	2.00	6.40					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	16.77	2.00	6.40					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	80.57	2.00	6.40					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	63.09	2.00	6.40					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	47.95	2.00	6.40					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	61.44	2.00	6.40					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	43.32	2.00	6.40					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	72.31	2.00	6.40					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	73.98	2.00	6.40	10000	1000	9.44E+02	94%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	68.18	2.00	6.40					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	69.68	2.00	6.40					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	60.23	2.00	6.40					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	72.47	2.00	6.40					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	43.93	2.00	6.40					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	58.26	2.00	6.40					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	58.59	2.00	6.40					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	29.88	2.00	6.40					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	24.21	2.00	6.40					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	16.01	2.00	6.40					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	30.08	2.00	6.40					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	52.67	2.00	6.40					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	17.09	2.00	6.40					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	20.27	2.00	6.40					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Ti	SWA-L01-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	32.33	2.00	6.40					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	SWA-L01-1315-T01-A	1	1.16E+01		1.16E+01	6.94	1.50	4.77					VU ICP-OES	1/25/12 11:48 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T02-A	1	2.40E+01		2.40E+01	3.14	1.50	4.77					VU ICP-OES	1/25/12 11:50 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T03-A	1	1.30E+01		1.30E+01	2.70	1.50	4.77	10000	1000	9.73E+02	96%	VU ICP-OES	1/25/12 11:51 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T04-A	1	2.08E+01		2.08E+01	2.11	1.50	4.77					VU ICP-OES	1/25/12 11:53 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T05-A	1	2.06E+01		2.06E+01	0.72	1.50	4.77					VU ICP-OES	1/25/12 11:55 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T06-A	1	2.25E+01		2.25E+01	1.80	1.50	4.77					VU ICP-OES	1/25/12 11:56 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T07-A	1	1.81E+01		1.81E+01	2.64	1.50	4.77					VU ICP-OES	1/25/12 11:58 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T08-A	1	1.21E+01		1.21E+01	8.56	1.50	4.77					VU ICP-OES	1/25/12 12:00 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T09-A	1	1.71E+01		1.71E+01	5.73	1.50	4.77					VU ICP-OES	1/25/12 12:01 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T01-B	1	1.22E+01		1.22E+01	4.10	1.50	4.77					VU ICP-OES	1/25/12 12:06 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T02-B	1	2.37E+01		2.37E+01	0.88	1.50	4.77					VU ICP-OES	1/25/12 12:08 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T03-B	1	1.61E+01		1.61E+01	3.00	1.50	4.77	10000	1000	9.21E+02	90%	VU ICP-OES	1/25/12 12:09 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T04-B	1	1.99E+01		1.99E+01	2.11	1.50	4.77					VU ICP-OES	1/25/12 12:11 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T05-B	1	2.20E+01		2.20E+01	4.20	1.50	4.77					VU ICP-OES	1/25/12 12:13 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T06-B	1	2.34E+01		2.34E+01	3.65	1.50	4.77					VU ICP-OES	1/25/12 12:14 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T07-B	1	1.96E+01		1.96E+01	0.93	1.50	4.77					VU ICP-OES	1/25/12 12:16 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T08-B	1	1.30E+01		1.30E+01	1.36	1.50	4.77					VU ICP-OES	1/25/12 12:18 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T09-B	1	1.71E+01		1.71E+01	0.57	1.50	4.77					VU ICP-OES	1/25/12 12:19 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T01-C	1	1.49E+01		1.49E+01	8.17	1.50	4.77					VU ICP-OES	1/25/12 12:21 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T02-C	1	2.54E+01		2.54E+01	0.51	1.50	4.77					VU ICP-OES	1/25/12 12:23 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T03-C	1	1.65E+01		1.65E+01	3.13	1.50	4.77	10000	1000	9.97E+02	98%	VU ICP-OES	1/25/12 12:24 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T04-C	1	2.14E+01		2.14E+01	1.88	1.50	4.77					VU ICP-OES	1/25/12 12:26 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T05-C	1	2.18E+01		2.18E+01	3.91	1.50	4.77					VU ICP-OES	1/25/12 12:27 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T06-C	1	2.40E+01		2.40E+01	1.20	1.50	4.77					VU ICP-OES	1/25/12 12:29 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T07-C	1	2.03E+01		2.03E+01	3.09	1.50	4.77					VU ICP-OES	1/25/12 12:31 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T08-C	1	1.50E+01		1.50E+01	3.41	1.50	4.77					VU ICP-OES	1/25/12 12:32 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-T09-C	1	1.78E+01		1.78E+01	2.59	1.50	4.77					VU ICP-OES	1/25/12 12:34 PM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	27.91	1.50	4.77					VU ICP-OES	1/25/12 11:33 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	42.39	1.50	4.77					VU ICP-OES	1/25/12 11:35 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	4.94	1.50	4.77					VU ICP-OES	1/25/12 11:36 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	28.15	1.50	4.77					VU ICP-OES	1/25/12 11:38 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	10.53	1.50	4.77					VU ICP-OES	1/25/12 11:40 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	5.35	1.50	4.77					VU ICP-OES	1/25/12 11:41 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	12.47	1.50	4.77					VU ICP-OES	1/25/12 11:43 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	38.63	1.50	4.77					VU ICP-OES	1/25/12 11:45 AM	EPA Interlab L01 1315 SWA
V	SWA-L01-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	23.47	1.50	4.77					VU ICP-OES	1/25/12 11:46 AM	EPA Interlab L01 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	SWA-L01-1315-T01-A	1	5.00E-01	U1/2	5.00E-01	43.72	1.00	3.18					VU ICP-OES	2/16/11 3:10 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T02-A	1	5.00E-01	U1/2	5.00E-01	28.56	1.00	3.18					VU ICP-OES	2/16/11 3:11 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T03-A	1	5.00E-01	U1/2	5.00E-01	62.37	1.00	3.18	10000	1000	9.97E+02	100%	VU ICP-OES	2/16/11 3:13 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T04-A	1	5.00E-01	U1/2	5.00E-01	14.30	1.00	3.18					VU ICP-OES	2/16/11 3:15 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T05-A	1	1.08E+00	E	1.08E+00	29.57	1.00	3.18					VU ICP-OES	2/16/11 3:16 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T06-A	1	5.00E-01	U1/2	5.00E-01	38.52	1.00	3.18					VU ICP-OES	2/16/11 3:18 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T07-A	1	5.00E-01	U1/2	5.00E-01	52.35	1.00	3.18					VU ICP-OES	2/16/11 3:20 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T08-A	1	5.00E-01	U1/2	5.00E-01	24.96	1.00	3.18					VU ICP-OES	2/16/11 3:21 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T09-A	1	5.00E-01	U1/2	5.00E-01	50.53	1.00	3.18					VU ICP-OES	2/16/11 3:23 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T01-B	1	5.00E-01	U1/2	5.00E-01	27.19	1.00	3.18					VU ICP-OES	2/16/11 3:25 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T02-B	1	5.00E-01	U1/2	5.00E-01	52.57	1.00	3.18					VU ICP-OES	2/16/11 3:26 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T03-B	1	5.00E-01	U1/2	5.00E-01	23.34	1.00	3.18	10000	1000	9.85E+02	98%	VU ICP-OES	2/16/11 3:28 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T04-B	1	1.09E+00	E	1.09E+00	17.72	1.00	3.18					VU ICP-OES	2/16/11 3:29 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T05-B	1	1.45E+00	E	1.45E+00	11.81	1.00	3.18					VU ICP-OES	2/16/11 3:31 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T06-B	1	5.00E-01	U1/2	5.00E-01	57.23	1.00	3.18					VU ICP-OES	2/16/11 3:33 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T07-B	1	5.00E-01	U1/2	5.00E-01	29.49	1.00	3.18					VU ICP-OES	2/16/11 3:34 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T08-B	1	5.00E-01	U1/2	5.00E-01	31.70	1.00	3.18					VU ICP-OES	2/16/11 3:36 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T09-B	1	5.00E-01	U1/2	5.00E-01	20.65	1.00	3.18					VU ICP-OES	2/16/11 3:38 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T01-C	1	5.00E-01	U1/2	5.00E-01	40.60	1.00	3.18					VU ICP-OES	2/16/11 3:46 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T02-C	1	5.00E-01	U1/2	5.00E-01	19.87	1.00	3.18					VU ICP-OES	2/16/11 3:48 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T03-C	1	5.00E-01	U1/2	5.00E-01	40.05	1.00	3.18	10000	1000	1.00E+03	100%	VU ICP-OES	2/16/11 3:49 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T04-C	1	5.00E-01	U1/2	5.00E-01	19.33	1.00	3.18					VU ICP-OES	2/16/11 3:51 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T05-C	1	5.00E-01	U1/2	5.00E-01	68.70	1.00	3.18					VU ICP-OES	2/16/11 3:53 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T06-C	1	5.00E-01	U1/2	5.00E-01	42.97	1.00	3.18					VU ICP-OES	2/16/11 3:54 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T07-C	1	5.00E-01	U1/2	5.00E-01	31.47	1.00	3.18					VU ICP-OES	2/16/11 3:56 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T08-C	1	5.00E-01	U1/2	5.00E-01	18.41	1.00	3.18					VU ICP-OES	2/16/11 3:57 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-T09-C	1	5.00E-01	U1/2	5.00E-01	28.49	1.00	3.18					VU ICP-OES	2/16/11 3:59 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	27.16	1.00	3.18					VU ICP-OES	2/16/11 2:27 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	22.94	1.00	3.18					VU ICP-OES	2/16/11 2:28 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	18.13	1.00	3.18					VU ICP-OES	2/16/11 2:53 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	13.28	1.00	3.18					VU ICP-OES	2/16/11 2:55 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	25.37	1.00	3.18					VU ICP-OES	2/16/11 2:57 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	4.44	1.00	3.18					VU ICP-OES	2/16/11 2:58 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	33.92	1.00	3.18					VU ICP-OES	2/16/11 3:00 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	5.04	1.00	3.18					VU ICP-OES	2/16/11 3:01 PM	EPA Interlab L01 1315 SWA
Zn	SWA-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	8.76	1.00	3.18					VU ICP-OES	2/16/11 3:03 PM	EPA Interlab L01 1315 SWA

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	SWA-L04-1315-T01-A	1	4.24E+02		4.24E+02	0.75	1.00	3.18					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T02-A	1	3.48E+03		3.48E+03	0.83	1.00	3.18					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T03-A	1	2.38E+03		2.38E+03	0.93	1.00	3.18	10000	1000	3.30E+03	92%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T04-A	1	4.96E+03		4.96E+03	0.38	1.00	3.18					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T05-A	1	4.55E+03		4.55E+03	0.83	1.00	3.18					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T06-A	1	5.38E+03		5.38E+03	0.83	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T07-A	1	4.12E+03		4.12E+03	0.54	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T08-A	1	2.26E+03		2.26E+03	2.35	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T09-A	1	3.96E+03		3.96E+03	0.14	1.00	3.18					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T01-B	1	7.73E+02		7.73E+02	0.19	1.00	3.18					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T02-B	1	3.79E+03		3.79E+03	1.14	1.00	3.18					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T03-B	1	2.32E+03		2.32E+03	1.51	1.00	3.18	10000	1000	3.27E+03	96%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T04-B	1	4.94E+03		4.94E+03	0.87	1.00	3.18					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T05-B	1	4.58E+03		4.58E+03	1.34	1.00	3.18					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T06-B	1	5.05E+03		5.05E+03	1.02	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T07-B	1	4.03E+03		4.03E+03	1.90	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T08-B	1	2.19E+03		2.19E+03	0.99	1.00	3.18					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T09-B	1	3.90E+03		3.90E+03	1.25	1.00	3.18					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T01-C	1	6.98E+02		6.98E+02	0.63	1.00	3.18					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T02-C	1	3.42E+03		3.42E+03	0.98	1.00	3.18					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T03-C	1	2.49E+03		2.49E+03	1.75	1.00	3.18	10000	1000	3.36E+03	88%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T04-C	1	4.76E+03		4.76E+03	0.87	1.00	3.18					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T05-C	1	4.51E+03		4.51E+03	0.82	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T06-C	1	5.13E+03		5.13E+03	0.74	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T07-C	1	4.11E+03		4.11E+03	1.21	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T08-C	1	2.27E+03		2.27E+03	0.80	1.00	3.18					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-T09-C	1	3.94E+03		3.94E+03	1.69	1.00	3.18					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	11.87	1.00	3.18					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.51	1.00	3.18					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	8.42	1.00	3.18					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	11.09	1.00	3.18					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	24.51	1.00	3.18					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	22.88	1.00	3.18					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	34.94	1.00	3.18					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	17.86	1.00	3.18					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Al	SWA-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	11.03	1.00	3.18					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	SWA-L04-1315-T01-A	1	1.07E+02		1.07E+02	2.67	7.50	23.90					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T02-A	1	4.61E+02		4.61E+02	6.71	7.50	23.90					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T03-A	1	2.68E+02		2.68E+02	3.32	7.50	23.90	10000	1000	1.18E+03	92%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T04-A	1	4.58E+02		4.58E+02	0.82	7.50	23.90					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T05-A	1	4.10E+02		4.10E+02	1.19	7.50	23.90					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T06-A	1	4.82E+02		4.82E+02	0.89	7.50	23.90					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T07-A	1	3.61E+02		3.61E+02	3.14	7.50	23.90					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T08-A	1	1.82E+02		1.82E+02	2.82	7.50	23.90					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T09-A	1	3.23E+02		3.23E+02	2.45	7.50	23.90					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T01-B	1	1.60E+02		1.60E+02	2.05	7.50	23.90					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T02-B	1	4.55E+02		4.55E+02	8.41	7.50	23.90					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T03-B	1	2.51E+02		2.51E+02	1.34	7.50	23.90	10000	1000	1.16E+03	91%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T04-B	1	4.80E+02		4.80E+02	0.72	7.50	23.90					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T05-B	1	4.18E+02		4.18E+02	1.66	7.50	23.90					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T06-B	1	4.49E+02		4.49E+02	1.14	7.50	23.90					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T07-B	1	3.39E+02		3.39E+02	2.73	7.50	23.90					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T08-B	1	1.97E+02		1.97E+02	1.94	7.50	23.90					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T09-B	1	3.18E+02		3.18E+02	2.43	7.50	23.90					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T01-C	1	1.70E+02		1.70E+02	2.86	7.50	23.90					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T02-C	1	4.61E+02		4.61E+02	4.27	7.50	23.90					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T03-C	1	2.26E+02		2.26E+02	4.13	7.50	23.90	10000	1000	1.19E+03	96%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T04-C	1	3.80E+02		3.80E+02	2.68	7.50	23.90					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T05-C	1	3.68E+02		3.68E+02	4.45	7.50	23.90					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T06-C	1	4.25E+02		4.25E+02	2.73	7.50	23.90					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T07-C	1	3.45E+02		3.45E+02	1.72	7.50	23.90					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T08-C	1	1.75E+02		1.75E+02	2.45	7.50	23.90					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-T09-C	1	3.21E+02		3.21E+02	1.00	7.50	23.90					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	11.08	7.50	23.90					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	2.37	7.50	23.90					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	27.91	7.50	23.90					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	38.36	7.50	23.90					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	36.04	7.50	23.90					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	23.92	7.50	23.90					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	8.31	7.50	23.90					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	16.40	7.50	23.90					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Sb	SWA-L04-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	33.57	7.50	23.90					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	SWA-L04-1315-T01-A	1	9.05E+01		9.05E+01	3.20	11.00	35.00					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T02-A	1	2.62E+02		2.62E+02	8.02	11.00	35.00					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T03-A	1	1.50E+02		1.50E+02	4.62	11.00	35.00	10000	1000	1.08E+03	93%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T04-A	1	3.16E+02		3.16E+02	1.84	11.00	35.00					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T05-A	1	2.27E+02		2.27E+02	1.11	11.00	35.00					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T06-A	1	2.49E+02		2.49E+02	1.80	11.00	35.00					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T07-A	1	1.52E+02		1.52E+02	2.95	11.00	35.00					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T08-A	1	7.06E+01		7.06E+01	4.01	11.00	35.00					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T09-A	1	1.33E+02		1.33E+02	3.40	11.00	35.00					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T01-B	1	1.24E+02		1.24E+02	0.51	11.00	35.00					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T02-B	1	2.45E+02		2.45E+02	3.29	11.00	35.00					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T03-B	1	1.55E+02		1.55E+02	2.78	11.00	35.00	10000	1000	1.07E+03	91%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T04-B	1	3.58E+02		3.58E+02	1.91	11.00	35.00					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T05-B	1	2.61E+02		2.61E+02	1.52	11.00	35.00					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T06-B	1	2.55E+02		2.55E+02	2.64	11.00	35.00					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T07-B	1	1.67E+02		1.67E+02	4.06	11.00	35.00					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T08-B	1	8.02E+01		8.02E+01	2.81	11.00	35.00					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T09-B	1	1.36E+02		1.36E+02	7.16	11.00	35.00					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T01-C	1	1.22E+02		1.22E+02	2.32	11.00	35.00					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T02-C	1	2.52E+02		2.52E+02	8.92	11.00	35.00					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T03-C	1	1.04E+02		1.04E+02	1.92	11.00	35.00	10000	1000	1.10E+03	100%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T04-C	1	2.11E+02		2.11E+02	2.20	11.00	35.00					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T05-C	1	1.82E+02		1.82E+02	2.82	11.00	35.00					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T06-C	1	1.95E+02		1.95E+02	3.40	11.00	35.00					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T07-C	1	1.29E+02		1.29E+02	2.26	11.00	35.00					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T08-C	1	6.42E+01		6.42E+01	3.29	11.00	35.00					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-T09-C	1	1.24E+02		1.24E+02	7.08	11.00	35.00					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	7.33	11.00	35.00					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	4.88	11.00	35.00					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	13.29	11.00	35.00					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	37.06	11.00	35.00					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	49.64	11.00	35.00					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	47.72	11.00	35.00					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	11.12	11.00	35.00					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	38.37	11.00	35.00					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
As	SWA-L04-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	26.65	11.00	35.00					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	SWA-L04-1315-T01-A	1	3.55E+01		3.55E+01	3.53	1.00	3.18					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T02-A	1	1.16E+02		1.16E+02	8.03	1.00	3.18					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T03-A	1	5.88E+01		5.88E+01	1.03	1.00	3.18	10000	1000	9.93E+02	93%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T04-A	1	9.33E+01		9.33E+01	1.06	1.00	3.18					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T05-A	1	7.74E+01		7.74E+01	0.82	1.00	3.18					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T06-A	1	8.78E+01		8.78E+01	2.34	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T07-A	1	6.76E+01		6.76E+01	1.00	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T08-A	1	3.55E+01		3.55E+01	1.78	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T09-A	1	6.47E+01		6.47E+01	2.94	1.00	3.18					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T01-B	1	3.95E+01		3.95E+01	1.78	1.00	3.18					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T02-B	1	9.32E+01		9.32E+01	1.81	1.00	3.18					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T03-B	1	4.93E+01		4.93E+01	1.69	1.00	3.18	10000	1000	9.98E+02	95%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T04-B	1	8.06E+01		8.06E+01	2.07	1.00	3.18					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T05-B	1	6.90E+01		6.90E+01	2.98	1.00	3.18					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T06-B	1	7.45E+01		7.45E+01	1.68	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T07-B	1	5.76E+01		5.76E+01	2.65	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T08-B	1	3.42E+01		3.42E+01	0.88	1.00	3.18					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T09-B	1	5.60E+01		5.60E+01	3.07	1.00	3.18					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T01-C	1	3.62E+01		3.62E+01	1.86	1.00	3.18					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T02-C	1	9.31E+01		9.31E+01	4.49	1.00	3.18					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T03-C	1	5.02E+01		5.02E+01	0.82	1.00	3.18	10000	1000	9.92E+02	94%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T04-C	1	7.18E+01		7.18E+01	2.20	1.00	3.18					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T05-C	1	6.45E+01		6.45E+01	1.34	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T06-C	1	7.22E+01		7.22E+01	0.59	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T07-C	1	5.76E+01		5.76E+01	4.42	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T08-C	1	3.21E+01		3.21E+01	2.85	1.00	3.18					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-T09-C	1	5.80E+01		5.80E+01	6.42	1.00	3.18					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	5.37	1.00	3.18					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	2.04	1.00	3.18					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	7.06	1.00	3.18					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	7.03	1.00	3.18					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	8.97	1.00	3.18					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	4.34	1.00	3.18					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	3.59	1.00	3.18					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	5.17	1.00	3.18					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
B	SWA-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	2.20	1.00	3.18					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	SWA-L04-1315-T01-A	1	2.92E+01		2.92E+01	0.15	1.00	3.18					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T02-A	1	2.59E+02		2.59E+02	7.70	1.00	3.18					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T03-A	1	1.58E+02		1.58E+02	0.75	1.00	3.18	10000	1000	1.05E+03	89%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T04-A	1	2.19E+02		2.19E+02	0.19	1.00	3.18					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T05-A	1	2.70E+02		2.70E+02	0.98	1.00	3.18					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T06-A	1	2.85E+02		2.85E+02	0.49	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T07-A	1	3.18E+02		3.18E+02	0.30	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T08-A	1	3.13E+02		3.13E+02	1.97	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T09-A	1	3.12E+02		3.12E+02	0.30	1.00	3.18					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T01-B	1	1.79E+01		1.79E+01	0.44	1.00	3.18					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T02-B	1	1.79E+02		1.79E+02	1.38	1.00	3.18					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T03-B	1	1.44E+02		1.44E+02	1.92	1.00	3.18	10000	1000	1.06E+03	92%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T04-B	1	2.22E+02		2.22E+02	0.81	1.00	3.18					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T05-B	1	2.69E+02		2.69E+02	1.13	1.00	3.18					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T06-B	1	2.84E+02		2.84E+02	0.89	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T07-B	1	2.80E+02		2.80E+02	0.90	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T08-B	1	2.59E+02		2.59E+02	0.87	1.00	3.18					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T09-B	1	2.61E+02		2.61E+02	1.32	1.00	3.18					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T01-C	1	6.59E+01		6.59E+01	0.47	1.00	3.18					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T02-C	1	2.87E+02		2.87E+02	3.16	1.00	3.18					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T03-C	1	1.71E+02		1.71E+02	1.25	1.00	3.18	10000	1000	1.07E+03	90%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T04-C	1	2.36E+02		2.36E+02	1.80	1.00	3.18					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T05-C	1	2.92E+02		2.92E+02	0.87	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T06-C	1	3.08E+02		3.08E+02	0.84	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T07-C	1	2.41E+02		2.41E+02	1.02	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T08-C	1	3.04E+02		3.04E+02	0.71	1.00	3.18					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-T09-C	1	3.21E+02		3.21E+02	1.58	1.00	3.18					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	17.32	1.00	3.18					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.99	1.00	3.18					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	10.44	1.00	3.18					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	8.63	1.00	3.18					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	9.46	1.00	3.18					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	8.48	1.00	3.18					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	14.75	1.00	3.18					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	13.63	1.00	3.18					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Ba	SWA-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	5.60	1.00	3.18					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	SWA-L04-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	15.96	1.90	6.00					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	45.35	1.90	6.00					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	34.88	1.90	6.00	10000	1000	9.09E+02	91%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	29.60	1.90	6.00					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	11.36	1.90	6.00					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	15.86	1.90	6.00					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	30.18	1.90	6.00					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	26.61	1.90	6.00					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	29.24	1.90	6.00					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	38.69	1.90	6.00					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	41.24	1.90	6.00					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	16.59	1.90	6.00	10000	1000	9.60E+02	96%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	18.69	1.90	6.00					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	42.29	1.90	6.00					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	34.85	1.90	6.00					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	8.73	1.90	6.00					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	7.13	1.90	6.00					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	35.38	1.90	6.00					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	40.95	1.90	6.00					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	23.57	1.90	6.00					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	8.79	1.90	6.00	10000	1000	9.11E+02	91%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	40.34	1.90	6.00					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	9.52	1.90	6.00					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	19.39	1.90	6.00					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	49.13	1.90	6.00					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	32.71	1.90	6.00					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	52.27	1.90	6.00					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	38.53	1.90	6.00					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	22.51	1.90	6.00					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	59.91	1.90	6.00					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	13.17	1.90	6.00					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	29.10	1.90	6.00					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	26.08	1.90	6.00					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	26.38	1.90	6.00					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	9.38	1.90	6.00					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Be	SWA-L04-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	7.42	1.90	6.00					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	SWA-L04-1315-T01-A	1	1.10E+00	U1/2	1.10E+00	28.01	2.20	7.00					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T02-A	1	1.10E+00	U1/2	1.10E+00	19.43	2.20	7.00					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T03-A	1	1.10E+00	U1/2	1.10E+00	38.76	2.20	7.00	10000	1000	9.69E+02	97%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T04-A	1	1.10E+00	U1/2	1.10E+00	41.82	2.20	7.00					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T05-A	1	1.10E+00	U1/2	1.10E+00	21.81	2.20	7.00					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T06-A	1	1.10E+00	U1/2	1.10E+00	31.14	2.20	7.00					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T07-A	1	1.10E+00	U1/2	1.10E+00	89.48	2.20	7.00					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T08-A	1	1.10E+00	U1/2	1.10E+00	9.55	2.20	7.00					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T09-A	1	1.10E+00	U1/2	1.10E+00	39.79	2.20	7.00					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T01-B	1	1.10E+00	U1/2	1.10E+00	18.85	2.20	7.00					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T02-B	1	1.10E+00	U1/2	1.10E+00	20.98	2.20	7.00					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T03-B	1	1.10E+00	U1/2	1.10E+00	29.01	2.20	7.00	10000	1000	9.49E+02	95%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T04-B	1	1.10E+00	U1/2	1.10E+00	13.89	2.20	7.00					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T05-B	1	1.10E+00	U1/2	1.10E+00	62.60	2.20	7.00					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T06-B	1	1.10E+00	U1/2	1.10E+00	56.52	2.20	7.00					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T07-B	1	1.10E+00	U1/2	1.10E+00	34.07	2.20	7.00					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T08-B	1	1.10E+00	U1/2	1.10E+00	29.54	2.20	7.00					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T09-B	1	1.10E+00	U1/2	1.10E+00	51.38	2.20	7.00					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T01-C	1	1.10E+00	U1/2	1.10E+00	28.06	2.20	7.00					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T02-C	1	1.10E+00	U1/2	1.10E+00	44.67	2.20	7.00					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T03-C	1	1.10E+00	U1/2	1.10E+00	23.98	2.20	7.00	10000	1000	9.06E+02	91%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T04-C	1	1.10E+00	U1/2	1.10E+00	43.61	2.20	7.00					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T05-C	1	1.10E+00	U1/2	1.10E+00	49.34	2.20	7.00					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T06-C	1	1.10E+00	U1/2	1.10E+00	56.36	2.20	7.00					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T07-C	1	1.10E+00	U1/2	1.10E+00	44.04	2.20	7.00					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T08-C	1	1.10E+00	U1/2	1.10E+00	28.23	2.20	7.00					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-T09-C	1	1.10E+00	U1/2	1.10E+00	32.47	2.20	7.00					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	18.38	2.20	7.00					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	31.91	2.20	7.00					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	16.96	2.20	7.00					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	22.70	2.20	7.00					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	73.74	2.20	7.00					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	27.27	2.20	7.00					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	17.05	2.20	7.00					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	47.70	2.20	7.00					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Cd	SWA-L04-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	18.54	2.20	7.00					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	SWA-L04-1315-T01-A	1	1.12E+03		1.12E+03	2.88	2.60	8.30					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T02-A	1	1.11E+04		1.11E+04	6.91	2.60	8.30					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T03-A	1	1.17E+04		1.17E+04	0.49	2.60	8.30	10000	1000	1.26E+04	89%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T04-A	1	2.00E+04		2.00E+04	0.35	2.60	8.30					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T05-A	1	2.24E+04		2.24E+04	1.24	2.60	8.30					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T06-A	1	2.34E+04		2.34E+04	0.84	2.60	8.30					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T07-A	1	2.40E+04		2.40E+04	0.49	2.60	8.30					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T08-A	1	2.26E+04		2.26E+04	2.30	2.60	8.30					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T09-A	1	2.36E+04		2.36E+04	0.24	2.60	8.30					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T01-B	1	1.65E+03		1.65E+03	1.31	2.60	8.30					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T02-B	1	1.19E+04		1.19E+04	1.60	2.60	8.30					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T03-B	1	1.15E+04		1.15E+04	1.97	2.60	8.30	10000	1000	1.23E+04	84%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T04-B	1	2.02E+04		2.02E+04	0.51	2.60	8.30					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T05-B	1	2.29E+04		2.29E+04	0.86	2.60	8.30					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T06-B	1	2.42E+04		2.42E+04	1.12	2.60	8.30					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T07-B	1	2.24E+04		2.24E+04	1.43	2.60	8.30					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T08-B	1	1.97E+04		1.97E+04	0.72	2.60	8.30					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T09-B	1	2.02E+04		2.02E+04	1.26	2.60	8.30					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T01-C	1	1.44E+03		1.44E+03	2.10	2.60	8.30					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T02-C	1	1.20E+04		1.20E+04	5.56	2.60	8.30					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T03-C	1	1.27E+04		1.27E+04	2.22	2.60	8.30	10000	1000	1.35E+04	83%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T04-C	1	2.11E+04		2.11E+04	1.73	2.60	8.30					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T05-C	1	2.39E+04		2.39E+04	0.86	2.60	8.30					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T06-C	1	2.48E+04		2.48E+04	0.93	2.60	8.30					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T07-C	1	1.70E+04		1.70E+04	0.88	2.60	8.30					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T08-C	1	2.25E+04		2.25E+04	1.44	2.60	8.30					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-T09-C	1	2.39E+04		2.39E+04	1.17	2.60	8.30					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-M01-A	1	1.89E+02		1.89E+02	6.13	2.60	8.30					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-M02-A	1	1.19E+02		1.19E+02	1.88	2.60	8.30					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-M03-A	1	6.01E+01		6.01E+01	7.83	2.60	8.30					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-M04-A	1	1.27E+02		1.27E+02	4.51	2.60	8.30					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-M05-A	1	1.56E+02		1.56E+02	3.62	2.60	8.30					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-M06-A	1	2.36E+02		2.36E+02	2.90	2.60	8.30					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-M07-A	1	1.75E+02		1.75E+02	2.56	2.60	8.30					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-M08-A	1	1.62E+02		1.62E+02	2.74	2.60	8.30					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Ca	SWA-L04-1315-M09-A	1	9.19E+01		9.19E+01	7.22	2.60	8.30					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	SWA-L04-1315-T01-A	1	2.10E+01		2.10E+01	2.25	1.20	3.82					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T02-A	1	8.21E+01		8.21E+01	8.37	1.20	3.82					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T03-A	1	3.14E+01		3.14E+01	0.82	1.20	3.82	10000	1000	9.77E+02	95%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T04-A	1	5.49E+01		5.49E+01	0.46	1.20	3.82					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T05-A	1	4.82E+01		4.82E+01	2.04	1.20	3.82					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T06-A	1	5.33E+01		5.33E+01	1.52	1.20	3.82					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T07-A	1	4.36E+01		4.36E+01	0.52	1.20	3.82					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T08-A	1	2.34E+01		2.34E+01	3.69	1.20	3.82					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T09-A	1	4.04E+01		4.04E+01	2.16	1.20	3.82					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T01-B	1	3.11E+01		3.11E+01	1.47	1.20	3.82					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T02-B	1	7.21E+01		7.21E+01	1.68	1.20	3.82					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T03-B	1	2.47E+01		2.47E+01	3.94	1.20	3.82	10000	1000	9.81E+02	96%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T04-B	1	4.11E+01		4.11E+01	1.08	1.20	3.82					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T05-B	1	3.84E+01		3.84E+01	2.14	1.20	3.82					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T06-B	1	4.15E+01		4.15E+01	1.20	1.20	3.82					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T07-B	1	3.78E+01		3.78E+01	1.77	1.20	3.82					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T08-B	1	2.33E+01		2.33E+01	1.15	1.20	3.82					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T09-B	1	3.81E+01		3.81E+01	2.16	1.20	3.82					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T01-C	1	2.81E+01		2.81E+01	2.40	1.20	3.82					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T02-C	1	6.67E+01		6.67E+01	0.35	1.20	3.82					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T03-C	1	2.80E+01		2.80E+01	2.58	1.20	3.82	10000	1000	9.82E+02	95%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T04-C	1	4.77E+01		4.77E+01	0.80	1.20	3.82					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T05-C	1	4.33E+01		4.33E+01	0.81	1.20	3.82					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T06-C	1	4.71E+01		4.71E+01	0.94	1.20	3.82					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T07-C	1	4.24E+01		4.24E+01	1.58	1.20	3.82					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T08-C	1	2.37E+01		2.37E+01	0.97	1.20	3.82					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-T09-C	1	4.27E+01		4.27E+01	3.23	1.20	3.82					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	12.79	1.20	3.82					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	2.18	1.20	3.82					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	47.13	1.20	3.82					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	21.01	1.20	3.82					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	14.24	1.20	3.82					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	36.43	1.20	3.82					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	41.09	1.20	3.82					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	44.84	1.20	3.82					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Cr	SWA-L04-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	25.03	1.20	3.82					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	SWA-L04-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	22.05	1.80	5.72					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	28.99	1.80	5.72					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	39.48	1.80	5.72	10000	1000	9.12E+02	91%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	15.44	1.80	5.72					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	33.06	1.80	5.72					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	37.12	1.80	5.72					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	46.83	1.80	5.72					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	36.19	1.80	5.72					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	63.36	1.80	5.72					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	33.00	1.80	5.72					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	24.62	1.80	5.72					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	21.81	1.80	5.72	10000	1000	9.33E+02	93%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	22.78	1.80	5.72					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	38.31	1.80	5.72					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	26.94	1.80	5.72					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	73.22	1.80	5.72					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	59.48	1.80	5.72					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	44.19	1.80	5.72					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	31.12	1.80	5.72					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	28.55	1.80	5.72					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	27.96	1.80	5.72	10000	1000	8.84E+02	88%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	22.95	1.80	5.72					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	77.61	1.80	5.72					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	11.36	1.80	5.72					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	25.63	1.80	5.72					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	30.32	1.80	5.72					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	33.25	1.80	5.72					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	24.89	1.80	5.72					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	19.26	1.80	5.72					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	7.89	1.80	5.72					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	48.38	1.80	5.72					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	35.55	1.80	5.72					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	57.22	1.80	5.72					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	35.43	1.80	5.72					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	7.07	1.80	5.72					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Co	SWA-L04-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	14.82	1.80	5.72					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	SWA-L04-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	29.46	3.70	11.80					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	17.30	3.70	11.80					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	31.23	3.70	11.80	10000	1000	8.90E+02	89%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	18.59	3.70	11.80					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	45.90	3.70	11.80					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	19.08	3.70	11.80					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	17.51	3.70	11.80					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	32.38	3.70	11.80					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	20.86	3.70	11.80					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	7.29	3.70	11.80					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T02-B	1	1.85E+00	U1/2	1.85E+00	13.80	3.70	11.80					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	17.57	3.70	11.80	10000	1000	9.19E+02	92%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	21.81	3.70	11.80					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	17.84	3.70	11.80					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	12.61	3.70	11.80					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	7.57	3.70	11.80					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	27.09	3.70	11.80					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	34.34	3.70	11.80					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	20.14	3.70	11.80					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	33.97	3.70	11.80					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	34.03	3.70	11.80	10000	1000	8.67E+02	87%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	29.40	3.70	11.80					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	23.75	3.70	11.80					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	12.56	3.70	11.80					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T07-C	1	1.85E+00	U1/2	1.85E+00	10.13	3.70	11.80					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	32.59	3.70	11.80					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	33.78	3.70	11.80					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	8.36	3.70	11.80					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	49.02	3.70	11.80					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	48.19	3.70	11.80					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	36.76	3.70	11.80					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	29.31	3.70	11.80					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	5.14	3.70	11.80					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	25.16	3.70	11.80					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	28.47	3.70	11.80					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Cu	SWA-L04-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	16.57	3.70	11.80					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	SWA-L04-1315-T01-A	1	6.23E+00	E	6.23E+00	5.47	2.00	6.40					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T02-A	1	1.10E+01		1.10E+01	5.51	2.00	6.40					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T03-A	1	4.98E+00	E	4.98E+00	7.02	2.00	6.40	10000	1000	9.42E+02	94%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T04-A	1	5.63E+00	E	5.63E+00	4.16	2.00	6.40					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T05-A	1	3.99E+00	E	3.99E+00	3.89	2.00	6.40					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T06-A	1	4.17E+00	E	4.17E+00	4.18	2.00	6.40					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T07-A	1	3.15E+00	E	3.15E+00	1.38	2.00	6.40					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	8.37	2.00	6.40					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T09-A	1	2.22E+00	E	2.22E+00	4.38	2.00	6.40					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T01-B	1	8.48E+00		8.48E+00	4.27	2.00	6.40					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T02-B	1	1.30E+01		1.30E+01	1.88	2.00	6.40					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T03-B	1	5.74E+00	E	5.74E+00	3.34	2.00	6.40	10000	1000	9.20E+02	91%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T04-B	1	5.48E+00	E	5.48E+00	5.05	2.00	6.40					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T05-B	1	4.06E+00	E	4.06E+00	3.85	2.00	6.40					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T06-B	1	4.22E+00	E	4.22E+00	3.96	2.00	6.40					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T07-B	1	3.08E+00	E	3.08E+00	3.19	2.00	6.40					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	5.47	2.00	6.40					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T09-B	1	2.21E+00	E	2.21E+00	17.35	2.00	6.40					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T01-C	1	9.67E+00		9.67E+00	2.36	2.00	6.40					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T02-C	1	1.22E+01		1.22E+01	9.85	2.00	6.40					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T03-C	1	5.37E+00	E	5.37E+00	1.35	2.00	6.40	10000	1000	9.66E+02	96%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T04-C	1	4.53E+00	E	4.53E+00	2.17	2.00	6.40					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T05-C	1	4.14E+00	E	4.14E+00	3.73	2.00	6.40					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T06-C	1	4.14E+00	E	4.14E+00	1.29	2.00	6.40					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T07-C	1	3.10E+00	E	3.10E+00	8.18	2.00	6.40					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	3.02	2.00	6.40					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-T09-C	1	2.83E+00	E	2.83E+00	0.85	2.00	6.40					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	12.20	2.00	6.40					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	0.18	2.00	6.40					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	15.16	2.00	6.40					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	4.57	2.00	6.40					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	1.38	2.00	6.40					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	14.89	2.00	6.40					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	13.65	2.00	6.40					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	22.45	2.00	6.40					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Fe	SWA-L04-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	17.11	2.00	6.40					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	SWA-L04-1315-T01-A	1	3.40E+00	U1/2	3.40E+00	4.07	6.80	21.60					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T02-A	1	3.40E+00	U1/2	3.40E+00	17.37	6.80	21.60					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T03-A	1	3.40E+00	U1/2	3.40E+00	33.62	6.80	21.60	10000	1000	9.39E+02	94%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T04-A	1	3.40E+00	U1/2	3.40E+00	66.70	6.80	21.60					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T05-A	1	3.40E+00	U1/2	3.40E+00	32.38	6.80	21.60					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T06-A	1	3.40E+00	U1/2	3.40E+00	27.21	6.80	21.60					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T07-A	1	3.40E+00	U1/2	3.40E+00	56.88	6.80	21.60					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T08-A	1	3.40E+00	U1/2	3.40E+00	13.81	6.80	21.60					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T09-A	1	3.40E+00	U1/2	3.40E+00	42.00	6.80	21.60					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T01-B	1	3.40E+00	U1/2	3.40E+00	15.82	6.80	21.60					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T02-B	1	3.40E+00	U1/2	3.40E+00	26.55	6.80	21.60					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T03-B	1	3.40E+00	U1/2	3.40E+00	52.69	6.80	21.60	10000	1000	9.19E+02	92%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T04-B	1	3.40E+00	U1/2	3.40E+00	46.12	6.80	21.60					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T05-B	1	3.40E+00	U1/2	3.40E+00	63.41	6.80	21.60					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T06-B	1	3.40E+00	U1/2	3.40E+00	16.66	6.80	21.60					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T07-B	1	3.40E+00	U1/2	3.40E+00	34.12	6.80	21.60					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T08-B	1	3.40E+00	U1/2	3.40E+00	45.25	6.80	21.60					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T09-B	1	3.40E+00	U1/2	3.40E+00	6.07	6.80	21.60					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T01-C	1	3.40E+00	U1/2	3.40E+00	3.86	6.80	21.60					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T02-C	1	3.40E+00	U1/2	3.40E+00	18.52	6.80	21.60					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T03-C	1	3.40E+00	U1/2	3.40E+00	34.19	6.80	21.60	10000	1000	9.73E+02	97%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T04-C	1	3.40E+00	U1/2	3.40E+00	29.99	6.80	21.60					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T05-C	1	3.40E+00	U1/2	3.40E+00	73.99	6.80	21.60					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T06-C	1	3.40E+00	U1/2	3.40E+00	8.20	6.80	21.60					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T07-C	1	3.40E+00	U1/2	3.40E+00	18.26	6.80	21.60					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T08-C	1	3.40E+00	U1/2	3.40E+00	19.85	6.80	21.60					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-T09-C	1	3.40E+00	U1/2	3.40E+00	62.73	6.80	21.60					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	72.36	6.80	21.60					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	27.51	6.80	21.60					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	72.13	6.80	21.60					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	51.90	6.80	21.60					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	30.45	6.80	21.60					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	42.10	6.80	21.60					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	27.69	6.80	21.60					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	32.45	6.80	21.60					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Pb	SWA-L04-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	65.53	6.80	21.60					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	SWA-L04-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	11.71	1.90	6.00					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	38.49	1.90	6.00					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	23.92	1.90	6.00	10000	1000	8.87E+02	89%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	13.12	1.90	6.00					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	17.27	1.90	6.00					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	1384.25	1.90	6.00					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	27.23	1.90	6.00					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	19.86	1.90	6.00					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	35.14	1.90	6.00					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	70.40	1.90	6.00					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	94.91	1.90	6.00					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	21.22	1.90	6.00	10000	1000	8.79E+02	88%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	46.07	1.90	6.00					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	11.02	1.90	6.00					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	32.29	1.90	6.00					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	54.55	1.90	6.00					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	61.41	1.90	6.00					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	41.55	1.90	6.00					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	47.05	1.90	6.00					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	21.86	1.90	6.00					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	25.39	1.90	6.00	10000	1000	8.73E+02	87%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	73.94	1.90	6.00					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	21.74	1.90	6.00					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	13.81	1.90	6.00					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	34.70	1.90	6.00					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	21.10	1.90	6.00					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	57.24	1.90	6.00					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	53.14	1.90	6.00					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	18.34	1.90	6.00					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	67.00	1.90	6.00					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	67.65	1.90	6.00					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	63.29	1.90	6.00					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	28.82	1.90	6.00					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	17.55	1.90	6.00					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	49.86	1.90	6.00					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Li	SWA-L04-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	14.46	1.90	6.00					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	SWA-L04-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	8.22	2.00	6.40					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	9.38	2.00	6.40					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	17.27	2.00	6.40	10000	1000	9.69E+02	97%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	4.35	2.00	6.40					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	0.40	2.00	6.40					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	6.10	2.00	6.40					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	9.92	2.00	6.40					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	3.00	2.00	6.40					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	13.11	2.00	6.40					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	14.26	2.00	6.40					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	3.79	2.00	6.40					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	2.29	2.00	6.40	10000	1000	9.58E+02	96%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	19.87	2.00	6.40					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	4.79	2.00	6.40					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	9.13	2.00	6.40					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	10.70	2.00	6.40					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	5.49	2.00	6.40					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	11.30	2.00	6.40					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	16.63	2.00	6.40					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	4.43	2.00	6.40					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	6.41	2.00	6.40	10000	1000	9.62E+02	96%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	10.62	2.00	6.40					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	10.32	2.00	6.40					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	4.74	2.00	6.40					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	26.79	2.00	6.40					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	3.25	2.00	6.40					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	7.38	2.00	6.40					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	1.44	2.00	6.40					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	4.21	2.00	6.40					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	6.11	2.00	6.40					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	7.91	2.00	6.40					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	1.35	2.00	6.40					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	7.48	2.00	6.40					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	4.11	2.00	6.40					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	1.44	2.00	6.40					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Mn	SWA-L04-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	6.25	2.00	6.40					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	SWA-L04-1315-T01-A	1	8.19E+00		8.19E+00	3.81	1.00	3.18					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T02-A	1	1.97E+01		1.97E+01	1.87	1.00	3.18					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T03-A	1	3.38E+01		3.38E+01	4.46	1.00	3.18	10000	1000	9.10E+02	88%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T04-A	1	7.16E+00		7.16E+00	3.45	1.00	3.18					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T05-A	1	1.55E+01		1.55E+01	2.76	1.00	3.18					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T06-A	1	8.95E+00		8.95E+00	1.29	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T07-A	1	1.15E+01		1.15E+01	2.64	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T08-A	1	4.93E+01		4.93E+01	1.85	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T09-A	1	8.26E+00		8.26E+00	1.34	1.00	3.18					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T01-B	1	1.45E+01		1.45E+01	1.11	1.00	3.18					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T02-B	1	1.49E+01		1.49E+01	2.65	1.00	3.18					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T03-B	1	2.99E+01		2.99E+01	7.97	1.00	3.18	10000	1000	9.39E+02	91%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T04-B	1	1.47E+01		1.47E+01	2.21	1.00	3.18					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T05-B	1	1.51E+01		1.51E+01	2.51	1.00	3.18					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T06-B	1	7.91E+00		7.91E+00	2.65	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T07-B	1	1.73E+01		1.73E+01	4.69	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T08-B	1	6.59E+01		6.59E+01	4.68	1.00	3.18					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T09-B	1	1.74E+01		1.74E+01	5.65	1.00	3.18					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T01-C	1	8.39E+00		8.39E+00	8.78	1.00	3.18					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T02-C	1	2.67E+01		2.67E+01	1.40	1.00	3.18					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T03-C	1	3.15E+01		3.15E+01	1.23	1.00	3.18	10000	1000	8.89E+02	86%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T04-C	1	1.38E+01		1.38E+01	8.65	1.00	3.18					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T05-C	1	2.03E+01		2.03E+01	1.77	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T06-C	1	4.52E+00		4.52E+00	3.10	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T07-C	1	1.67E+01		1.67E+01	14.40	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T08-C	1	5.83E+01		5.83E+01	1.68	1.00	3.18					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-T09-C	1	5.66E+00		5.66E+00	3.45	1.00	3.18					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-M01-A	1	1.66E+01		1.66E+01	1.41	1.00	3.18					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-M02-A	1	1.24E+01		1.24E+01	1.64	1.00	3.18					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-M03-A	1	7.45E+00		7.45E+00	1.20	1.00	3.18					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-M04-A	1	8.60E+00		8.60E+00	7.86	1.00	3.18					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-M05-A	1	2.22E+00	E	2.22E+00	9.54	1.00	3.18					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-M06-A	1	5.57E+00		5.57E+00	1.80	1.00	3.18					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-M07-A	1	4.89E+00		4.89E+00	8.04	1.00	3.18					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-M08-A	1	1.35E+00	E	1.35E+00	4.78	1.00	3.18					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Mg	SWA-L04-1315-M09-A	1	3.55E+00		3.55E+00	2.21	1.00	3.18					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	SWA-L04-1315-T01-A	1	2.97E+00	E	2.97E+00	3.62	1.20	3.82					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T02-A	1	7.03E+00		7.03E+00	2.00	1.20	3.82					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T03-A	1	4.09E+00		4.09E+00	2.09	1.20	3.82	10000	1000	9.29E+02	92%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T04-A	1	1.23E+01		1.23E+01	1.47	1.20	3.82					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T05-A	1	9.43E+00		9.43E+00	2.21	1.20	3.82					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T06-A	1	1.27E+01		1.27E+01	6.53	1.20	3.82					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T07-A	1	7.88E+00		7.88E+00	3.65	1.20	3.82					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T08-A	1	2.59E+00	E	2.59E+00	12.50	1.20	3.82					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T09-A	1	6.25E+00		6.25E+00	4.61	1.20	3.82					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T01-B	1	2.96E+00	E	2.96E+00	16.31	1.20	3.82					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T02-B	1	6.30E+00		6.30E+00	12.93	1.20	3.82					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T03-B	1	5.08E+00		5.08E+00	9.59	1.20	3.82	10000	1000	9.57E+02	95%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T04-B	1	1.14E+01		1.14E+01	9.58	1.20	3.82					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T05-B	1	9.64E+00		9.64E+00	2.94	1.20	3.82					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T06-B	1	1.06E+01		1.06E+01	3.33	1.20	3.82					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T07-B	1	6.71E+00		6.71E+00	6.85	1.20	3.82					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T08-B	1	2.66E+00	E	2.66E+00	8.57	1.20	3.82					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T09-B	1	6.89E+00		6.89E+00	9.27	1.20	3.82					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T01-C	1	3.24E+00	E	3.24E+00	1.97	1.20	3.82					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T02-C	1	5.86E+00		5.86E+00	1.30	1.20	3.82					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T03-C	1	4.45E+00		4.45E+00	3.23	1.20	3.82	10000	1000	9.03E+02	90%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T04-C	1	8.84E+00		8.84E+00	1.19	1.20	3.82					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T05-C	1	8.12E+00		8.12E+00	8.82	1.20	3.82					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T06-C	1	9.75E+00		9.75E+00	2.19	1.20	3.82					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T07-C	1	6.33E+00		6.33E+00	1.02	1.20	3.82					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T08-C	1	3.94E+00		3.94E+00	1.79	1.20	3.82					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-T09-C	1	6.92E+00		6.92E+00	2.15	1.20	3.82					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	14.22	1.20	3.82					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	12.29	1.20	3.82					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	27.86	1.20	3.82					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	15.61	1.20	3.82					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	9.94	1.20	3.82					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	20.64	1.20	3.82					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	17.47	1.20	3.82					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	6.21	1.20	3.82					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Mo	SWA-L04-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	8.55	1.20	3.82					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	SWA-L04-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	55.62	1.80	5.70					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	30.51	1.80	5.70					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	23.58	1.80	5.70	10000	1000	9.80E+02	98%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	26.28	1.80	5.70					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	17.65	1.80	5.70					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	35.38	1.80	5.70					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	42.37	1.80	5.70					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	74.61	1.80	5.70					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	66.33	1.80	5.70					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	31.03	1.80	5.70					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	40.51	1.80	5.70					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	15.21	1.80	5.70	10000	1000	9.66E+02	97%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	54.95	1.80	5.70					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	42.38	1.80	5.70					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	13.52	1.80	5.70					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	34.40	1.80	5.70					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	3.89	1.80	5.70					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	63.98	1.80	5.70					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	40.36	1.80	5.70					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	90.11	1.80	5.70					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	43.75	1.80	5.70	10000	1000	9.75E+02	97%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	15.02	1.80	5.70					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	68.23	1.80	5.70					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	30.85	1.80	5.70					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	50.01	1.80	5.70					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	52.82	1.80	5.70					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	35.81	1.80	5.70					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	10.27	1.80	5.70					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	26.28	1.80	5.70					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	24.55	1.80	5.70					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	56.15	1.80	5.70					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	26.66	1.80	5.70					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	41.61	1.80	5.70					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	25.49	1.80	5.70					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	9.09	1.80	5.70					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Ni	SWA-L04-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	15.82	1.80	5.70					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	SWA-L04-1315-T01-A	1	1.51E+01		1.51E+01	3.15	3.70	11.80					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T02-A	1	6.73E+00	E	6.73E+00	58.26	3.70	11.80					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	18.20	3.70	11.80	10000	1000	8.95E+02	89%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T04-A	1	1.47E+01		1.47E+01	2.72	3.70	11.80					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T05-A	1	9.40E+00	E	9.40E+00	37.63	3.70	11.80					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T06-A	1	9.14E+00	E	9.14E+00	45.53	3.70	11.80					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T07-A	1	1.39E+01		1.39E+01	7.06	3.70	11.80					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T08-A	1	1.81E+01		1.81E+01	8.76	3.70	11.80					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T09-A	1	8.39E+00	E	8.39E+00	40.74	3.70	11.80					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T01-B	1	2.40E+01		2.40E+01	22.21	3.70	11.80					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T02-B	1	1.52E+01		1.52E+01	1.99	3.70	11.80					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	33.61	3.70	11.80	10000	1000	9.02E+02	90%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T04-B	1	7.87E+00	E	7.87E+00	42.07	3.70	11.80					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	17.76	3.70	11.80					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	8.40	3.70	11.80					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T07-B	1	7.74E+00	E	7.74E+00	26.76	3.70	11.80					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	31.20	3.70	11.80					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T09-B	1	7.91E+00	E	7.91E+00	30.42	3.70	11.80					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T01-C	1	2.32E+01		2.32E+01	17.93	3.70	11.80					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T02-C	1	2.63E+01		2.63E+01	6.70	3.70	11.80					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	5.37	3.70	11.80	10000	1000	9.04E+02	90%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T04-C	1	9.60E+00	E	9.60E+00	5.64	3.70	11.80					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	8.59	3.70	11.80					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T06-C	1	7.51E+00	E	7.51E+00	4.90	3.70	11.80					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T07-C	1	6.13E+00	E	6.13E+00	4.17	3.70	11.80					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T08-C	1	1.32E+01		1.32E+01	4.92	3.70	11.80					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-T09-C	1	1.01E+01	E	1.01E+01	9.82	3.70	11.80					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	8.60	3.70	11.80					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	21.13	3.70	11.80					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	25.64	3.70	11.80					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	7.06	3.70	11.80					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	14.36	3.70	11.80					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	5.02	3.70	11.80					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	3.78	3.70	11.80					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	14.71	3.70	11.80					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
P	SWA-L04-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	1.65	3.70	11.80					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	SWA-L04-1315-T01-A	1	4.77E+03		4.77E+03	0.38	1.60	5.09					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T02-A	1	2.43E+04		2.43E+04	3.51	1.60	5.09					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T03-A	1	1.37E+04		1.37E+04	0.58	1.60	5.09	10000	1000	1.46E+04	90%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T04-A	1	4.07E+04		4.07E+04	0.19	1.60	5.09					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T05-A	1	3.55E+04		3.55E+04	0.79	1.60	5.09					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T06-A	1	4.56E+04		4.56E+04	0.51	1.60	5.09					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T07-A	1	2.91E+04		2.91E+04	0.38	1.60	5.09					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T08-A	1	9.62E+03		9.62E+03	2.44	1.60	5.09					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T09-A	1	2.69E+04		2.69E+04	0.21	1.60	5.09					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T01-B	1	7.13E+03		7.13E+03	0.53	1.60	5.09					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T02-B	1	2.46E+04		2.46E+04	1.82	1.60	5.09					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T03-B	1	1.39E+04		1.39E+04	1.90	1.60	5.09	10000	1000	1.48E+04	92%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T04-B	1	4.30E+04		4.30E+04	1.00	1.60	5.09					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T05-B	1	3.75E+04		3.75E+04	0.94	1.60	5.09					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T06-B	1	4.48E+04		4.48E+04	1.17	1.60	5.09					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T07-B	1	2.91E+04		2.91E+04	1.31	1.60	5.09					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T08-B	1	9.76E+03		9.76E+03	0.68	1.60	5.09					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T09-B	1	2.69E+04		2.69E+04	1.25	1.60	5.09					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T01-C	1	7.65E+03		7.65E+03	2.96	1.60	5.09					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T02-C	1	2.34E+04		2.34E+04	3.52	1.60	5.09					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T03-C	1	1.28E+04		1.28E+04	1.46	1.60	5.09	10000	1000	1.37E+04	86%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T04-C	1	3.68E+04		3.68E+04	1.72	1.60	5.09					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T05-C	1	3.35E+04		3.35E+04	0.57	1.60	5.09					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T06-C	1	4.20E+04		4.20E+04	0.43	1.60	5.09					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T07-C	1	2.69E+04		2.69E+04	1.05	1.60	5.09					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T08-C	1	8.99E+03		8.99E+03	1.17	1.60	5.09					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-T09-C	1	2.55E+04		2.55E+04	1.32	1.60	5.09					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-M01-A	1	1.55E+01		1.55E+01	4.00	1.60	5.09					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-M02-A	1	4.33E+00	E	4.33E+00	1.64	1.60	5.09					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-M03-A	1	5.56E+00		5.56E+00	2.18	1.60	5.09					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-M04-A	1	8.45E+00		8.45E+00	2.64	1.60	5.09					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-M05-A	1	5.04E+00	E	5.04E+00	6.77	1.60	5.09					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-M06-A	1	7.68E+00		7.68E+00	4.90	1.60	5.09					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-M07-A	1	3.44E+00	E	3.44E+00	2.95	1.60	5.09					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-M08-A	1	1.13E+01		1.13E+01	9.21	1.60	5.09					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
K	SWA-L04-1315-M09-A	1	8.27E+00		8.27E+00	11.45	1.60	5.09					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	SWA-L04-1315-T01-A	1	6.79E+02		6.79E+02	0.99	15.00	47.70					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T02-A	1	3.07E+03		3.07E+03	7.81	15.00	47.70					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T03-A	1	1.86E+03		1.86E+03	1.22	15.00	47.70	10000	1000	2.76E+03	90%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T04-A	1	5.83E+03		5.83E+03	0.31	15.00	47.70					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T05-A	1	4.87E+03		4.87E+03	0.36	15.00	47.70					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T06-A	1	6.12E+03		6.12E+03	1.22	15.00	47.70					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T07-A	1	3.43E+03		3.43E+03	0.33	15.00	47.70					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T08-A	1	9.20E+02		9.20E+02	1.79	15.00	47.70					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T09-A	1	3.16E+03		3.16E+03	0.67	15.00	47.70					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T01-B	1	1.04E+03		1.04E+03	0.81	15.00	47.70					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T02-B	1	2.81E+03		2.81E+03	1.79	15.00	47.70					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T03-B	1	1.74E+03		1.74E+03	2.46	15.00	47.70	10000	1000	2.69E+03	95%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T04-B	1	5.73E+03		5.73E+03	0.94	15.00	47.70					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T05-B	1	4.52E+03		4.52E+03	1.56	15.00	47.70					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T06-B	1	5.08E+03		5.08E+03	1.49	15.00	47.70					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T07-B	1	2.91E+03		2.91E+03	0.76	15.00	47.70					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T08-B	1	7.96E+02		7.96E+02	0.84	15.00	47.70					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T09-B	1	2.69E+03		2.69E+03	1.81	15.00	47.70					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T01-C	1	1.06E+03		1.06E+03	2.37	15.00	47.70					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T02-C	1	2.55E+03		2.55E+03	1.14	15.00	47.70					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T03-C	1	1.44E+03		1.44E+03	1.38	15.00	47.70	10000	1000	2.37E+03	93%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T04-C	1	4.20E+03		4.20E+03	1.61	15.00	47.70					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T05-C	1	3.66E+03		3.66E+03	0.95	15.00	47.70					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T06-C	1	4.45E+03		4.45E+03	0.88	15.00	47.70					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T07-C	1	2.55E+03		2.55E+03	0.46	15.00	47.70					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T08-C	1	7.33E+02		7.33E+02	1.70	15.00	47.70					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-T09-C	1	2.47E+03		2.47E+03	2.29	15.00	47.70					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	40.03	15.00	47.70					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	1.03	15.00	47.70					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	36.00	15.00	47.70					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	57.49	15.00	47.70					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	32.58	15.00	47.70					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	48.08	15.00	47.70					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	23.78	15.00	47.70					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	20.85	15.00	47.70					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Se	SWA-L04-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	39.10	15.00	47.70					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	SWA-L04-1315-T01-A	1	4.63E+02		4.63E+02	0.32	1.10	3.50					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T02-A	1	3.59E+03		3.59E+03	2.62	1.10	3.50					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T03-A	1	2.92E+03		2.92E+03	0.62	1.10	3.50	10000	1000	3.89E+03	97%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T04-A	1	7.65E+03		7.65E+03	0.74	1.10	3.50					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T05-A	1	7.96E+03		7.96E+03	0.38	1.10	3.50					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T06-A	1	9.66E+03		9.66E+03	1.00	1.10	3.50					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T07-A	1	8.25E+03		8.25E+03	0.84	1.10	3.50					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T08-A	1	5.75E+03		5.75E+03	2.48	1.10	3.50					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T09-A	1	8.34E+03		8.34E+03	0.38	1.10	3.50					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T01-B	1	7.26E+02		7.26E+02	0.80	1.10	3.50					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T02-B	1	3.64E+03		3.64E+03	1.32	1.10	3.50					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T03-B	1	2.92E+03		2.92E+03	2.72	1.10	3.50	10000	1000	3.82E+03	90%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T04-B	1	7.93E+03		7.93E+03	1.07	1.10	3.50					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T05-B	1	8.25E+03		8.25E+03	0.83	1.10	3.50					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T06-B	1	9.53E+03		9.53E+03	0.76	1.10	3.50					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T07-B	1	8.49E+03		8.49E+03	3.18	1.10	3.50					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T08-B	1	6.11E+03		6.11E+03	1.00	1.10	3.50					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T09-B	1	8.68E+03		8.68E+03	2.20	1.10	3.50					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T01-C	1	8.00E+02		8.00E+02	2.22	1.10	3.50					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T02-C	1	3.52E+03		3.52E+03	1.15	1.10	3.50					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T03-C	1	2.99E+03		2.99E+03	1.84	1.10	3.50	10000	1000	3.93E+03	94%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T04-C	1	7.47E+03		7.47E+03	1.59	1.10	3.50					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T05-C	1	8.00E+03		8.00E+03	0.74	1.10	3.50					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T06-C	1	9.34E+03		9.34E+03	1.82	1.10	3.50					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T07-C	1	8.52E+03		8.52E+03	0.52	1.10	3.50					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T08-C	1	5.89E+03		5.89E+03	0.66	1.10	3.50					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-T09-C	1	8.35E+03		8.35E+03	1.59	1.10	3.50					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	13.59	1.10	3.50					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	1.77	1.10	3.50					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	3.03	1.10	3.50					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	0.51	1.10	3.50					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	10.27	1.10	3.50					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	5.61	1.10	3.50					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	7.29	1.10	3.50					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	9.77	1.10	3.50					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Si	SWA-L04-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	5.13	1.10	3.50					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	SWA-L04-1315-T01-A	1	2.18E+04		2.18E+04	0.14	2.50	8.00					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T02-A	1	9.04E+04		9.04E+04	0.78	2.50	8.00					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T03-A	1	5.48E+04		5.48E+04	0.66	2.50	8.00	10000	1000	5.57E+04	88%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T04-A	1	1.24E+05		1.24E+05	0.52	2.50	8.00					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T05-A	1	1.13E+05		1.13E+05	0.83	2.50	8.00					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T06-A	1	1.36E+05		1.36E+05	0.29	2.50	8.00					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T07-A	1	1.03E+05		1.03E+05	0.54	2.50	8.00					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T08-A	1	4.06E+04		4.06E+04	0.91	2.50	8.00					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T09-A	1	9.77E+04		9.77E+04	0.56	2.50	8.00					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T01-B	1	3.21E+04		3.21E+04	0.30	2.50	8.00					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T02-B	1	8.92E+04		8.92E+04	0.19	2.50	8.00					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T03-B	1	5.44E+04		5.44E+04	0.47	2.50	8.00	10000	1000	5.53E+04	87%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T04-B	1	1.31E+05		1.31E+05	0.77	2.50	8.00					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T05-B	1	1.15E+05		1.15E+05	0.63	2.50	8.00					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T06-B	1	1.34E+05		1.34E+05	0.30	2.50	8.00					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T07-B	1	1.03E+05		1.03E+05	1.38	2.50	8.00					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T08-B	1	4.03E+04		4.03E+04	0.47	2.50	8.00					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T09-B	1	9.91E+04		9.91E+04	0.47	2.50	8.00					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T01-C	1	3.35E+04		3.35E+04	2.28	2.50	8.00					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T02-C	1	8.63E+04		8.63E+04	4.77	2.50	8.00					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T03-C	1	5.08E+04		5.08E+04	0.15	2.50	8.00	10000	1000	5.17E+04	91%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T04-C	1	1.16E+05		1.16E+05	0.42	2.50	8.00					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T05-C	1	1.11E+05		1.11E+05	0.12	2.50	8.00					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T06-C	1	1.29E+05		1.29E+05	0.90	2.50	8.00					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T07-C	1	9.81E+04		9.81E+04	0.53	2.50	8.00					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T08-C	1	3.76E+04		3.76E+04	0.68	2.50	8.00					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-T09-C	1	9.41E+04		9.41E+04	0.31	2.50	8.00					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-M01-A	1	2.66E+01		2.66E+01	2.61	2.50	8.00					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-M02-A	1	1.52E+01		1.52E+01	0.08	2.50	8.00					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-M03-A	1	1.35E+01		1.35E+01	3.51	2.50	8.00					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-M04-A	1	1.43E+01		1.43E+01	1.88	2.50	8.00					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-M05-A	1	7.59E+00	E	7.59E+00	2.55	2.50	8.00					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-M06-A	1	7.62E+00	E	7.62E+00	2.43	2.50	8.00					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-M07-A	1	8.17E+00		8.17E+00	1.85	2.50	8.00					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-M08-A	1	7.82E+00	E	7.82E+00	1.75	2.50	8.00					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Na	SWA-L04-1315-M09-A	1	3.16E+00	E	3.16E+00	3.29	2.50	8.00					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	SWA-L04-1315-T01-A	1	7.53E+00		7.53E+00	0.89	1.00	3.18					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T02-A	1	9.42E+01		9.42E+01	6.36	1.00	3.18					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T03-A	1	8.71E+01		8.71E+01	0.51	1.00	3.18	10000	1000	9.80E+02	89%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T04-A	1	1.60E+02		1.60E+02	0.06	1.00	3.18					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T05-A	1	1.79E+02		1.79E+02	0.68	1.00	3.18					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T06-A	1	2.07E+02		2.07E+02	1.24	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T07-A	1	2.09E+02		2.09E+02	0.99	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T08-A	1	1.70E+02		1.70E+02	2.25	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T09-A	1	2.12E+02		2.12E+02	0.37	1.00	3.18					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T01-B	1	1.33E+01		1.33E+01	7.36	1.00	3.18					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T02-B	1	9.92E+01		9.92E+01	2.17	1.00	3.18					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T03-B	1	8.23E+01		8.23E+01	0.19	1.00	3.18	10000	1000	9.87E+02	91%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T04-B	1	1.57E+02		1.57E+02	1.16	1.00	3.18					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T05-B	1	1.74E+02		1.74E+02	0.34	1.00	3.18					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T06-B	1	1.96E+02		1.96E+02	1.78	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T07-B	1	1.84E+02		1.84E+02	1.01	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T08-B	1	1.53E+02		1.53E+02	0.79	1.00	3.18					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T09-B	1	1.83E+02		1.83E+02	1.30	1.00	3.18					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T01-C	1	1.16E+01		1.16E+01	2.42	1.00	3.18					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T02-C	1	1.06E+02		1.06E+02	1.42	1.00	3.18					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T03-C	1	9.41E+01		9.41E+01	2.40	1.00	3.18	10000	1000	1.05E+03	96%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T04-C	1	1.70E+02		1.70E+02	1.81	1.00	3.18					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T05-C	1	1.90E+02		1.90E+02	0.26	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T06-C	1	2.16E+02		2.16E+02	0.81	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T07-C	1	1.70E+02		1.70E+02	0.22	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T08-C	1	1.74E+02		1.74E+02	1.37	1.00	3.18					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-T09-C	1	2.24E+02		2.24E+02	0.38	1.00	3.18					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	31.57	1.00	3.18					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	2.52	1.00	3.18					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	37.98	1.00	3.18					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	15.63	1.00	3.18					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	15.37	1.00	3.18					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	16.95	1.00	3.18					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	11.68	1.00	3.18					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	11.57	1.00	3.18					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Sr	SWA-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	4.12	1.00	3.18					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	SWA-L04-1315-T01-A	1	2.36E+03		2.36E+03	0.61	6.80	21.60					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T02-A	1	8.93E+03		8.93E+03	8.63	6.80	21.60					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T03-A	1	5.25E+03		5.25E+03	0.87	6.80	21.60	10000	1000	6.15E+03	90%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T04-A	1	1.56E+04		1.56E+04	0.36	6.80	21.60					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T05-A	1	1.55E+04		1.55E+04	0.95	6.80	21.60					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T06-A	1	2.40E+04		2.40E+04	0.73	6.80	21.60					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T07-A	1	1.58E+04		1.58E+04	0.89	6.80	21.60					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T08-A	1	2.67E+03		2.67E+03	3.54	6.80	21.60					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T09-A	1	1.60E+04		1.60E+04	0.32	6.80	21.60					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T01-B	1	3.45E+03		3.45E+03	0.91	6.80	21.60					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T02-B	1	7.89E+03		7.89E+03	1.13	6.80	21.60					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T03-B	1	4.61E+03		4.61E+03	2.34	6.80	21.60	10000	1000	5.55E+03	94%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T04-B	1	1.46E+04		1.46E+04	1.09	6.80	21.60					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T05-B	1	1.35E+04		1.35E+04	0.61	6.80	21.60					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T06-B	1	1.38E+04		1.38E+04	1.56	6.80	21.60					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T07-B	1	1.06E+04		1.06E+04	0.58	6.80	21.60					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T08-B	1	2.62E+03		2.62E+03	0.22	6.80	21.60					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T09-B	1	1.14E+04		1.14E+04	2.44	6.80	21.60					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T01-C	1	3.18E+03		3.18E+03	2.58	6.80	21.60					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T02-C	1	7.13E+03		7.13E+03	1.77	6.80	21.60					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T03-C	1	3.90E+03		3.90E+03	2.39	6.80	21.60	10000	1000	4.77E+03	87%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T04-C	1	1.21E+04		1.21E+04	1.12	6.80	21.60					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T05-C	1	9.88E+03		9.88E+03	0.78	6.80	21.60					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T06-C	1	1.50E+04		1.50E+04	0.36	6.80	21.60					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T07-C	1	9.73E+03		9.73E+03	0.53	6.80	21.60					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T08-C	1	2.10E+03		2.10E+03	0.59	6.80	21.60					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-T09-C	1	1.03E+04		1.03E+04	2.26	6.80	21.60					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-M01-A	1	2.63E+01		2.63E+01	5.14	6.80	21.60					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-M02-A	1	2.33E+01		2.33E+01	2.31	6.80	21.60					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-M03-A	1	1.78E+01	E	1.78E+01	9.77	6.80	21.60					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-M04-A	1	2.14E+01	E	2.14E+01	4.63	6.80	21.60					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-M05-A	1	3.05E+01		3.05E+01	8.52	6.80	21.60					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-M06-A	1	2.98E+01		2.98E+01	3.42	6.80	21.60					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-M07-A	1	3.45E+01		3.45E+01	6.67	6.80	21.60					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-M08-A	1	2.53E+01		2.53E+01	6.44	6.80	21.60					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
S	SWA-L04-1315-M09-A	1	1.61E+01	E	1.61E+01	1.00	6.80	21.60					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	SWA-L04-1315-T01-A	1	2.30E+00	U1/2	2.30E+00	38.45	4.60	14.60					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T02-A	1	2.30E+00	U1/2	2.30E+00	40.30	4.60	14.60					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T03-A	1	2.30E+00	U1/2	2.30E+00	22.73	4.60	14.60	10000	1000	9.91E+02	99%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T04-A	1	2.30E+00	U1/2	2.30E+00	58.28	4.60	14.60					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T05-A	1	2.30E+00	U1/2	2.30E+00	42.60	4.60	14.60					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T06-A	1	2.30E+00	U1/2	2.30E+00	5.45	4.60	14.60					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T07-A	1	2.30E+00	U1/2	2.30E+00	26.75	4.60	14.60					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T08-A	1	2.30E+00	U1/2	2.30E+00	26.75	4.60	14.60					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T09-A	1	2.30E+00	U1/2	2.30E+00	34.01	4.60	14.60					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T01-B	1	2.30E+00	U1/2	2.30E+00	23.88	4.60	14.60					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T02-B	1	2.30E+00	U1/2	2.30E+00	44.33	4.60	14.60					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T03-B	1	2.30E+00	U1/2	2.30E+00	57.98	4.60	14.60	10000	1000	9.77E+02	97%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T04-B	1	2.30E+00	U1/2	2.30E+00	59.39	4.60	14.60					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T05-B	1	2.30E+00	U1/2	2.30E+00	14.41	4.60	14.60					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T06-B	1	2.30E+00	U1/2	2.30E+00	25.08	4.60	14.60					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T07-B	1	2.30E+00	U1/2	2.30E+00	23.89	4.60	14.60					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T08-B	1	2.30E+00	U1/2	2.30E+00	52.27	4.60	14.60					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T09-B	1	2.30E+00	U1/2	2.30E+00	15.36	4.60	14.60					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T01-C	1	2.30E+00	U1/2	2.30E+00	56.07	4.60	14.60					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T02-C	1	2.30E+00	U1/2	2.30E+00	30.96	4.60	14.60					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T03-C	1	2.30E+00	U1/2	2.30E+00	75.22	4.60	14.60	10000	1000	9.71E+02	97%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T04-C	1	2.30E+00	U1/2	2.30E+00	18.54	4.60	14.60					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T05-C	1	2.30E+00	U1/2	2.30E+00	34.52	4.60	14.60					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T06-C	1	2.30E+00	U1/2	2.30E+00	47.49	4.60	14.60					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T07-C	1	2.30E+00	U1/2	2.30E+00	53.30	4.60	14.60					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T08-C	1	2.30E+00	U1/2	2.30E+00	36.10	4.60	14.60					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-T09-C	1	2.30E+00	U1/2	2.30E+00	9.64	4.60	14.60					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	27.68	4.60	14.60					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	41.04	4.60	14.60					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	75.00	4.60	14.60					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	41.93	4.60	14.60					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	28.54	4.60	14.60					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	11.47	4.60	14.60					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	54.34	4.60	14.60					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	30.69	4.60	14.60					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Tl	SWA-L04-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	11.13	4.60	14.60					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	SWA-L04-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	45.95	2.00	6.40					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	16.31	2.00	6.40					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	55.39	2.00	6.40	10000	1000	9.79E+02	98%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	25.74	2.00	6.40					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	59.04	2.00	6.40					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	10.25	2.00	6.40					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	17.36	2.00	6.40					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	33.57	2.00	6.40					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	33.55	2.00	6.40					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	19.91	2.00	6.40					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	9.17	2.00	6.40					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	12.59	2.00	6.40	10000	1000	9.31E+02	93%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	37.69	2.00	6.40					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	40.76	2.00	6.40					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	42.53	2.00	6.40					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	60.15	2.00	6.40					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	19.05	2.00	6.40					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	37.90	2.00	6.40					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	18.92	2.00	6.40					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	29.60	2.00	6.40					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	0.77	2.00	6.40	10000	1000	9.79E+02	98%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	39.62	2.00	6.40					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	32.94	2.00	6.40					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	14.70	2.00	6.40					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	53.39	2.00	6.40					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	45.33	2.00	6.40					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	50.17	2.00	6.40					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	29.18	2.00	6.40					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	39.88	2.00	6.40					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	10.67	2.00	6.40					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	6.25	2.00	6.40					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	23.75	2.00	6.40					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	43.04	2.00	6.40					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	29.77	2.00	6.40					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	15.01	2.00	6.40					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Ti	SWA-L04-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	9.40	2.00	6.40					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	SWA-L04-1315-T01-A	1	5.26E+00		5.26E+00	5.66	1.50	4.77					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T02-A	1	2.02E+01		2.02E+01	5.84	1.50	4.77					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T03-A	1	1.11E+01		1.11E+01	7.85	1.50	4.77	10000	1000	9.90E+02	98%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T04-A	1	2.32E+01		2.32E+01	1.44	1.50	4.77					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T05-A	1	1.93E+01		1.93E+01	2.23	1.50	4.77					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T06-A	1	2.39E+01		2.39E+01	4.42	1.50	4.77					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T07-A	1	1.67E+01		1.67E+01	4.94	1.50	4.77					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T08-A	1	8.31E+00		8.31E+00	3.70	1.50	4.77					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T09-A	1	1.63E+01		1.63E+01	9.05	1.50	4.77					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T01-B	1	7.68E+00		7.68E+00	5.39	1.50	4.77					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T02-B	1	2.05E+01		2.05E+01	5.45	1.50	4.77					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T03-B	1	1.01E+01		1.01E+01	5.09	1.50	4.77	10000	1000	9.90E+02	98%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T04-B	1	2.40E+01		2.40E+01	1.51	1.50	4.77					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T05-B	1	1.95E+01		1.95E+01	4.12	1.50	4.77					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T06-B	1	2.17E+01		2.17E+01	2.27	1.50	4.77					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T07-B	1	1.59E+01		1.59E+01	0.98	1.50	4.77					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T08-B	1	8.92E+00		8.92E+00	3.67	1.50	4.77					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T09-B	1	1.61E+01		1.61E+01	2.88	1.50	4.77					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T01-C	1	7.37E+00		7.37E+00	2.88	1.50	4.77					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T02-C	1	1.81E+01		1.81E+01	2.02	1.50	4.77					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T03-C	1	8.89E+00		8.89E+00	3.68	1.50	4.77	10000	1000	9.83E+02	97%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T04-C	1	1.96E+01		1.96E+01	5.17	1.50	4.77					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T05-C	1	1.78E+01		1.78E+01	6.97	1.50	4.77					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T06-C	1	2.09E+01		2.09E+01	5.51	1.50	4.77					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T07-C	1	1.69E+01		1.69E+01	1.19	1.50	4.77					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T08-C	1	8.13E+00		8.13E+00	6.92	1.50	4.77					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-T09-C	1	1.56E+01		1.56E+01	5.08	1.50	4.77					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	30.19	1.50	4.77					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	3.62	1.50	4.77					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	22.90	1.50	4.77					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	21.16	1.50	4.77					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	38.98	1.50	4.77					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	28.48	1.50	4.77					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	30.27	1.50	4.77					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	44.36	1.50	4.77					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
V	SWA-L04-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	27.63	1.50	4.77					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	SWA-L04-1315-T01-A	1	5.00E-01	U1/2	5.00E-01	3.07	1.00	3.18					VU ICP-OES	10/10/11 2:25 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T02-A	1	5.00E-01	U1/2	5.00E-01	3.03	1.00	3.18					VU ICP-OES	10/10/11 2:30 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T03-A	1	5.00E-01	U1/2	5.00E-01	6.40	1.00	3.18	10000	1000	9.06E+02	91%	VU ICP-OES	10/10/11 2:35 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T04-A	1	5.00E-01	U1/2	5.00E-01	9.54	1.00	3.18					VU ICP-OES	10/10/11 2:46 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T05-A	1	5.00E-01	U1/2	5.00E-01	7.26	1.00	3.18					VU ICP-OES	10/10/11 2:51 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T06-A	1	5.00E-01	U1/2	5.00E-01	9.78	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T07-A	1	5.00E-01	U1/2	5.00E-01	5.73	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T08-A	1	5.00E-01	U1/2	5.00E-01	4.72	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T09-A	1	5.00E-01	U1/2	5.00E-01	1.66	1.00	3.18					VU ICP-OES	10/10/11 3:11 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T01-B	1	5.00E-01	U1/2	5.00E-01	1.12	1.00	3.18					VU ICP-OES	10/10/11 2:27 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T02-B	1	5.00E-01	U1/2	5.00E-01	5.34	1.00	3.18					VU ICP-OES	10/10/11 2:32 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T03-B	1	5.00E-01	U1/2	5.00E-01	7.81	1.00	3.18	10000	1000	9.26E+02	93%	VU ICP-OES	10/10/11 2:37 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T04-B	1	5.00E-01	U1/2	5.00E-01	8.65	1.00	3.18					VU ICP-OES	10/10/11 2:48 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T05-B	1	5.00E-01	U1/2	5.00E-01	5.30	1.00	3.18					VU ICP-OES	10/10/11 2:53 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T06-B	1	5.00E-01	U1/2	5.00E-01	1.01	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T07-B	1	5.00E-01	U1/2	5.00E-01	16.03	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T08-B	1	5.00E-01	U1/2	5.00E-01	1.28	1.00	3.18					VU ICP-OES	10/10/11 3:08 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T09-B	1	5.00E-01	U1/2	5.00E-01	1.61	1.00	3.18					VU ICP-OES	10/10/11 3:13 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T01-C	1	5.00E-01	U1/2	5.00E-01	1.95	1.00	3.18					VU ICP-OES	10/10/11 2:28 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T02-C	1	5.00E-01	U1/2	5.00E-01	9.19	1.00	3.18					VU ICP-OES	10/10/11 2:33 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T03-C	1	5.00E-01	U1/2	5.00E-01	8.43	1.00	3.18	10000	1000	9.00E+02	90%	VU ICP-OES	10/10/11 2:38 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T04-C	1	5.00E-01	U1/2	5.00E-01	7.51	1.00	3.18					VU ICP-OES	10/10/11 2:50 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T05-C	1	5.00E-01	U1/2	5.00E-01	4.45	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T06-C	1	5.00E-01	U1/2	5.00E-01	1.49	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T07-C	1	5.00E-01	U1/2	5.00E-01	1.78	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T08-C	1	5.00E-01	U1/2	5.00E-01	1.75	1.00	3.18					VU ICP-OES	10/10/11 3:10 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-T09-C	1	5.00E-01	U1/2	5.00E-01	2.37	1.00	3.18					VU ICP-OES	10/10/11 3:14 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	8.82	1.00	3.18					VU ICP-OES	10/10/11 2:10 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.25	1.00	3.18					VU ICP-OES	10/10/11 2:12 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	11.21	1.00	3.18					VU ICP-OES	10/10/11 2:14 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	8.83	1.00	3.18					VU ICP-OES	10/10/11 2:15 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.10	1.00	3.18					VU ICP-OES	10/10/11 2:17 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	8.06	1.00	3.18					VU ICP-OES	10/10/11 2:19 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.42	1.00	3.18					VU ICP-OES	10/10/11 2:20 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	2.72	1.00	3.18					VU ICP-OES	10/10/11 2:22 PM	EPA Interlab L04 1315 SWA
Zn	SWA-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	8.40	1.00	3.18					VU ICP-OES	10/10/11 2:23 PM	EPA Interlab L04 1315 SWA

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	SWA-L05-1315-T01-A	1	1.78E+03		1.78E+03	0.52	1.00	3.18					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T02-A	1	4.10E+03		4.10E+03	1.90	1.00	3.18					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T03-A	1	3.26E+03		3.26E+03	1.57	1.00	3.18	10000	1000	4.20E+03	93%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T04-A	1	5.38E+03		5.38E+03	1.34	1.00	3.18					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T05-A	1	4.78E+03		4.78E+03	0.83	1.00	3.18					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T06-A	1	5.08E+03		5.08E+03	0.96	1.00	3.18					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T07-A	1	4.70E+03		4.70E+03	1.18	1.00	3.18					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T08-A	1	3.38E+03		3.38E+03	1.63	1.00	3.18					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T09-A	1	3.56E+03		3.56E+03	1.62	1.00	3.18					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T01-B	1	1.66E+03		1.66E+03	0.25	1.00	3.18					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T02-B	1	4.64E+03		4.64E+03	0.44	1.00	3.18					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T03-B	1	3.20E+03		3.20E+03	1.05	1.00	3.18	10000	1000	4.09E+03	90%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T04-B	1	5.47E+03		5.47E+03	1.52	1.00	3.18					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T05-B	1	4.09E+03		4.09E+03	1.12	1.00	3.18					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T06-B	1	5.21E+03		5.21E+03	1.19	1.00	3.18					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T07-B	1	4.83E+03		4.83E+03	0.88	1.00	3.18					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T08-B	1	3.40E+03		3.40E+03	1.25	1.00	3.18					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T09-B	1	3.53E+03		3.53E+03	1.03	1.00	3.18					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T01-C	1	1.41E+03		1.41E+03	0.93	1.00	3.18					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T02-C	1	4.38E+03		4.38E+03	0.73	1.00	3.18					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T03-C	1	3.90E+03		3.90E+03	1.10	1.00	3.18	10000	1000	4.83E+03	92%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T04-C	1	5.12E+03		5.12E+03	1.47	1.00	3.18					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T05-C	1	4.01E+03		4.01E+03	1.24	1.00	3.18					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T06-C	1	5.23E+03		5.23E+03	1.46	1.00	3.18					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T07-C	1	4.90E+03		4.90E+03	1.61	1.00	3.18					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T08-C	1	3.02E+03		3.02E+03	1.30	1.00	3.18					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-T09-C	1	3.73E+03		3.73E+03	2.57	1.00	3.18					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	43.37	1.00	3.18					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	17.59	1.00	3.18					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	30.21	1.00	3.18					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	10.45	1.00	3.18					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	22.35	1.00	3.18					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	38.61	1.00	3.18					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	14.45	1.00	3.18					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	12.00	1.00	3.18					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Al	SWA-L05-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	15.60	1.00	3.18					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	SWA-L05-1315-T01-A	1	2.02E+02		2.02E+02	1.65	7.50	23.90					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T02-A	1	3.70E+02		3.70E+02	3.62	7.50	23.90					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T03-A	1	2.49E+02		2.49E+02	2.40	7.50	23.90	10000	1000	1.14E+03	89%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T04-A	1	3.68E+02		3.68E+02	1.19	7.50	23.90					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T05-A	1	3.08E+02		3.08E+02	3.20	7.50	23.90					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T06-A	1	3.82E+02		3.82E+02	0.32	7.50	23.90					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T07-A	1	2.90E+02		2.90E+02	3.42	7.50	23.90					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T08-A	1	2.06E+02		2.06E+02	1.82	7.50	23.90					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T09-A	1	2.42E+02		2.42E+02	2.88	7.50	23.90					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T01-B	1	2.04E+02		2.04E+02	2.77	7.50	23.90					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T02-B	1	4.37E+02		4.37E+02	1.46	7.50	23.90					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T03-B	1	2.24E+02		2.24E+02	2.56	7.50	23.90	10000	1000	1.29E+03	107%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T04-B	1	3.92E+02		3.92E+02	2.63	7.50	23.90					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T05-B	1	3.09E+02		3.09E+02	1.27	7.50	23.90					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T06-B	1	3.86E+02		3.86E+02	2.18	7.50	23.90					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T07-B	1	3.06E+02		3.06E+02	1.72	7.50	23.90					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T08-B	1	2.04E+02		2.04E+02	2.14	7.50	23.90					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T09-B	1	2.39E+02		2.39E+02	1.04	7.50	23.90					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T01-C	1	2.44E+02		2.44E+02	2.07	7.50	23.90					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T02-C	1	3.73E+02		3.73E+02	0.94	7.50	23.90					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T03-C	1	2.37E+02		2.37E+02	2.55	7.50	23.90	10000	1000	1.26E+03	102%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T04-C	1	3.78E+02		3.78E+02	2.07	7.50	23.90					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T05-C	1	3.09E+02		3.09E+02	1.56	7.50	23.90					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T06-C	1	3.89E+02		3.89E+02	4.16	7.50	23.90					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T07-C	1	3.08E+02		3.08E+02	1.00	7.50	23.90					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T08-C	1	2.06E+02		2.06E+02	4.30	7.50	23.90					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-T09-C	1	2.39E+02		2.39E+02	4.16	7.50	23.90					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	60.31	7.50	23.90					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	43.28	7.50	23.90					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	35.59	7.50	23.90					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	35.06	7.50	23.90					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	14.23	7.50	23.90					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	56.67	7.50	23.90					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	21.22	7.50	23.90					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	66.90	7.50	23.90					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Sb	SWA-L05-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	14.67	7.50	23.90					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	SWA-L05-1315-T01-A	1	2.27E+02		2.27E+02	2.15	11.00	35.00					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T02-A	1	1.43E+02		1.43E+02	3.63	11.00	35.00					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T03-A	1	1.08E+02		1.08E+02	1.38	11.00	35.00	10000	1000	9.77E+02	87%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T04-A	1	1.79E+02		1.79E+02	4.43	11.00	35.00					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T05-A	1	1.33E+02		1.33E+02	6.75	11.00	35.00					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T06-A	1	8.36E+01		8.36E+01	3.45	11.00	35.00					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T07-A	1	8.77E+01		8.77E+01	4.52	11.00	35.00					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T08-A	1	6.75E+01		6.75E+01	9.78	11.00	35.00					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T09-A	1	1.04E+02		1.04E+02	4.21	11.00	35.00					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T01-B	1	2.14E+02		2.14E+02	4.40	11.00	35.00					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T02-B	1	2.12E+02		2.12E+02	4.38	11.00	35.00					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T03-B	1	1.02E+02		1.02E+02	12.15	11.00	35.00	10000	1000	1.05E+03	95%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T04-B	1	1.58E+02		1.58E+02	3.35	11.00	35.00					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T05-B	1	1.25E+02		1.25E+02	6.75	11.00	35.00					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T06-B	1	9.00E+01		9.00E+01	8.12	11.00	35.00					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T07-B	1	7.42E+01		7.42E+01	1.24	11.00	35.00					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T08-B	1	8.34E+01		8.34E+01	10.91	11.00	35.00					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T09-B	1	1.17E+02		1.17E+02	4.96	11.00	35.00					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T01-C	1	2.48E+02		2.48E+02	2.67	11.00	35.00					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T02-C	1	2.04E+02		2.04E+02	1.73	11.00	35.00					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T03-C	1	1.27E+02		1.27E+02	1.97	11.00	35.00	10000	1000	1.07E+03	94%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T04-C	1	2.06E+02		2.06E+02	2.72	11.00	35.00					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T05-C	1	1.51E+02		1.51E+02	4.87	11.00	35.00					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T06-C	1	1.06E+02		1.06E+02	9.20	11.00	35.00					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T07-C	1	9.57E+01		9.57E+01	6.65	11.00	35.00					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T08-C	1	7.17E+01		7.17E+01	5.58	11.00	35.00					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-T09-C	1	1.20E+02		1.20E+02	3.62	11.00	35.00					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	24.79	11.00	35.00					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	26.13	11.00	35.00					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	34.99	11.00	35.00					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	48.38	11.00	35.00					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	50.64	11.00	35.00					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	36.78	11.00	35.00					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	12.60	11.00	35.00					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	38.03	11.00	35.00					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
As	SWA-L05-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	40.56	11.00	35.00					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	SWA-L05-1315-T01-A	1	4.06E+01		4.06E+01	1.83	1.00	3.18					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T02-A	1	4.39E+01		4.39E+01	1.54	1.00	3.18					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T03-A	1	2.75E+01		2.75E+01	3.46	1.00	3.18	10000	1000	9.46E+02	92%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T04-A	1	5.34E+01		5.34E+01	1.63	1.00	3.18					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T05-A	1	4.81E+01		4.81E+01	0.44	1.00	3.18					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T06-A	1	5.93E+01		5.93E+01	1.22	1.00	3.18					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T07-A	1	4.96E+01		4.96E+01	3.40	1.00	3.18					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T08-A	1	3.37E+01		3.37E+01	3.00	1.00	3.18					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T09-A	1	4.57E+01		4.57E+01	1.69	1.00	3.18					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T01-B	1	4.51E+01		4.51E+01	0.89	1.00	3.18					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T02-B	1	6.11E+01		6.11E+01	1.65	1.00	3.18					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T03-B	1	3.39E+01		3.39E+01	4.99	1.00	3.18	10000	1000	9.79E+02	94%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T04-B	1	6.47E+01		6.47E+01	2.46	1.00	3.18					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T05-B	1	5.25E+01		5.25E+01	4.85	1.00	3.18					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T06-B	1	6.01E+01		6.01E+01	3.12	1.00	3.18					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T07-B	1	4.88E+01		4.88E+01	3.22	1.00	3.18					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T08-B	1	3.23E+01		3.23E+01	4.35	1.00	3.18					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T09-B	1	4.37E+01		4.37E+01	1.69	1.00	3.18					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T01-C	1	4.31E+01		4.31E+01	2.09	1.00	3.18					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T02-C	1	5.44E+01		5.44E+01	1.58	1.00	3.18					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T03-C	1	3.53E+01		3.53E+01	1.89	1.00	3.18	10000	1000	9.98E+02	96%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T04-C	1	5.85E+01		5.85E+01	3.26	1.00	3.18					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T05-C	1	5.10E+01		5.10E+01	2.37	1.00	3.18					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T06-C	1	5.79E+01		5.79E+01	4.33	1.00	3.18					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T07-C	1	4.76E+01		4.76E+01	2.91	1.00	3.18					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T08-C	1	3.23E+01		3.23E+01	0.22	1.00	3.18					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-T09-C	1	4.20E+01		4.20E+01	4.81	1.00	3.18					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	3.58	1.00	3.18					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	3.03	1.00	3.18					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	8.22	1.00	3.18					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	4.81	1.00	3.18					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	5.75	1.00	3.18					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	13.45	1.00	3.18					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	4.79	1.00	3.18					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	7.07	1.00	3.18					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
B	SWA-L05-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	9.89	1.00	3.18					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	SWA-L05-1315-T01-A	1	1.56E+01		1.56E+01	1.48	1.00	3.18					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T02-A	1	9.37E+01		9.37E+01	1.29	1.00	3.18					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T03-A	1	1.69E+02		1.69E+02	0.64	1.00	3.18	10000	1000	1.04E+03	87%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T04-A	1	2.96E+02		2.96E+02	1.80	1.00	3.18					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T05-A	1	3.40E+02		3.40E+02	1.92	1.00	3.18					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T06-A	1	2.70E+02		2.70E+02	1.18	1.00	3.18					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T07-A	1	3.87E+02		3.87E+02	1.14	1.00	3.18					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T08-A	1	3.45E+02		3.45E+02	0.71	1.00	3.18					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T09-A	1	3.84E+02		3.84E+02	1.76	1.00	3.18					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T01-B	1	1.54E+01		1.54E+01	1.57	1.00	3.18					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T02-B	1	1.15E+02		1.15E+02	0.30	1.00	3.18					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T03-B	1	1.22E+02		1.22E+02	0.67	1.00	3.18	10000	1000	9.80E+02	86%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T04-B	1	2.03E+02		2.03E+02	1.15	1.00	3.18					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T05-B	1	2.78E+02		2.78E+02	0.95	1.00	3.18					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T06-B	1	2.45E+02		2.45E+02	1.60	1.00	3.18					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T07-B	1	3.05E+02		3.05E+02	1.46	1.00	3.18					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T08-B	1	3.37E+02		3.37E+02	1.07	1.00	3.18					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T09-B	1	3.16E+02		3.16E+02	0.88	1.00	3.18					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T01-C	1	1.68E+01		1.68E+01	0.62	1.00	3.18					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T02-C	1	1.58E+02		1.58E+02	1.14	1.00	3.18					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T03-C	1	1.66E+02		1.66E+02	0.92	1.00	3.18	10000	1000	9.91E+02	83%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T04-C	1	2.62E+02		2.62E+02	1.20	1.00	3.18					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T05-C	1	3.30E+02		3.30E+02	1.80	1.00	3.18					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T06-C	1	2.63E+02		2.63E+02	1.22	1.00	3.18					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T07-C	1	2.77E+02		2.77E+02	1.41	1.00	3.18					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T08-C	1	3.18E+02		3.18E+02	1.25	1.00	3.18					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-T09-C	1	3.87E+02		3.87E+02	2.74	1.00	3.18					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	17.91	1.00	3.18					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	5.72	1.00	3.18					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	27.88	1.00	3.18					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	16.71	1.00	3.18					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	8.09	1.00	3.18					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	15.50	1.00	3.18					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	16.60	1.00	3.18					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	33.68	1.00	3.18					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Ba	SWA-L05-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	11.25	1.00	3.18					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	SWA-L05-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	14.60	1.90	6.00					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	4.27	1.90	6.00					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	52.23	1.90	6.00	10000	1000	9.03E+02	90%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	21.35	1.90	6.00					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	4.26	1.90	6.00					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	39.41	1.90	6.00					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	25.49	1.90	6.00					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	38.26	1.90	6.00					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	47.49	1.90	6.00					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	64.29	1.90	6.00					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	5.91	1.90	6.00					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	28.65	1.90	6.00	10000	1000	9.14E+02	91%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	29.70	1.90	6.00					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	26.00	1.90	6.00					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	38.05	1.90	6.00					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	49.90	1.90	6.00					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	51.04	1.90	6.00					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	45.43	1.90	6.00					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	23.08	1.90	6.00					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	35.49	1.90	6.00					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	16.78	1.90	6.00	10000	1000	9.40E+02	94%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	34.03	1.90	6.00					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	42.32	1.90	6.00					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	21.81	1.90	6.00					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	10.97	1.90	6.00					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	5.84	1.90	6.00					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	44.12	1.90	6.00					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	39.15	1.90	6.00					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	32.93	1.90	6.00					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	12.49	1.90	6.00					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	19.08	1.90	6.00					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	20.93	1.90	6.00					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	23.64	1.90	6.00					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	27.08	1.90	6.00					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	39.28	1.90	6.00					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Be	SWA-L05-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	14.98	1.90	6.00					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	SWA-L05-1315-T01-A	1	1.10E+00	U1/2	1.10E+00	33.32	2.20	7.00					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T02-A	1	1.10E+00	U1/2	1.10E+00	17.42	2.20	7.00					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T03-A	1	1.10E+00	U1/2	1.10E+00	10.55	2.20	7.00	10000	1000	9.02E+02	90%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T04-A	1	1.10E+00	U1/2	1.10E+00	49.13	2.20	7.00					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T05-A	1	1.10E+00	U1/2	1.10E+00	44.05	2.20	7.00					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T06-A	1	1.10E+00	U1/2	1.10E+00	18.48	2.20	7.00					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T07-A	1	1.10E+00	U1/2	1.10E+00	29.69	2.20	7.00					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T08-A	1	1.10E+00	U1/2	1.10E+00	56.31	2.20	7.00					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T09-A	1	1.10E+00	U1/2	1.10E+00	46.56	2.20	7.00					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T01-B	1	1.10E+00	U1/2	1.10E+00	34.69	2.20	7.00					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T02-B	1	1.10E+00	U1/2	1.10E+00	25.00	2.20	7.00					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T03-B	1	1.10E+00	U1/2	1.10E+00	26.78	2.20	7.00	10000	1000	9.07E+02	91%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T04-B	1	1.10E+00	U1/2	1.10E+00	63.59	2.20	7.00					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T05-B	1	1.10E+00	U1/2	1.10E+00	14.25	2.20	7.00					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T06-B	1	1.10E+00	U1/2	1.10E+00	40.78	2.20	7.00					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T07-B	1	1.10E+00	U1/2	1.10E+00	18.84	2.20	7.00					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T08-B	1	1.10E+00	U1/2	1.10E+00	44.56	2.20	7.00					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T09-B	1	1.10E+00	U1/2	1.10E+00	27.60	2.20	7.00					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T01-C	1	1.10E+00	U1/2	1.10E+00	34.69	2.20	7.00					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T02-C	1	1.10E+00	U1/2	1.10E+00	36.16	2.20	7.00					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T03-C	1	1.10E+00	U1/2	1.10E+00	21.75	2.20	7.00	10000	1000	9.26E+02	93%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T04-C	1	1.10E+00	U1/2	1.10E+00	30.86	2.20	7.00					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T05-C	1	1.10E+00	U1/2	1.10E+00	46.63	2.20	7.00					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T06-C	1	1.10E+00	U1/2	1.10E+00	15.26	2.20	7.00					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T07-C	1	1.10E+00	U1/2	1.10E+00	30.37	2.20	7.00					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T08-C	1	1.10E+00	U1/2	1.10E+00	17.00	2.20	7.00					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-T09-C	1	1.10E+00	U1/2	1.10E+00	12.58	2.20	7.00					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	14.08	2.20	7.00					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	10.65	2.20	7.00					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	50.30	2.20	7.00					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	39.21	2.20	7.00					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	31.74	2.20	7.00					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	27.67	2.20	7.00					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	17.78	2.20	7.00					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	35.50	2.20	7.00					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Cd	SWA-L05-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	27.64	2.20	7.00					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	SWA-L05-1315-T01-A	1	1.29E+03		1.29E+03	1.41	2.60	8.30					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T02-A	1	1.61E+04		1.61E+04	2.39	2.60	8.30					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T03-A	1	1.76E+04		1.76E+04	0.73	2.60	8.30	10000	1000	1.85E+04	89%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T04-A	1	2.02E+04		2.02E+04	1.43	2.60	8.30					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T05-A	1	3.21E+04		3.21E+04	1.99	2.60	8.30					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T06-A	1	3.00E+04		3.00E+04	1.79	2.60	8.30					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T07-A	1	2.62E+04		2.62E+04	1.51	2.60	8.30					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T08-A	1	2.50E+04		2.50E+04	1.52	2.60	8.30					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T09-A	1	2.48E+04		2.48E+04	1.09	2.60	8.30					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T01-B	1	1.48E+03		1.48E+03	4.23	2.60	8.30					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T02-B	1	1.70E+04		1.70E+04	0.48	2.60	8.30					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T03-B	1	1.73E+04		1.73E+04	1.08	2.60	8.30	10000	1000	1.81E+04	85%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T04-B	1	1.96E+04		1.96E+04	2.17	2.60	8.30					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T05-B	1	3.15E+04		3.15E+04	1.43	2.60	8.30					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T06-B	1	2.96E+04		2.96E+04	1.32	2.60	8.30					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T07-B	1	2.54E+04		2.54E+04	1.47	2.60	8.30					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T08-B	1	2.34E+04		2.34E+04	0.89	2.60	8.30					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T09-B	1	2.34E+04		2.34E+04	0.62	2.60	8.30					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T01-C	1	1.25E+03		1.25E+03	1.08	2.60	8.30					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T02-C	1	1.72E+04		1.72E+04	1.39	2.60	8.30					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T03-C	1	1.89E+04		1.89E+04	0.94	2.60	8.30	10000	1000	1.98E+04	86%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T04-C	1	2.19E+04		2.19E+04	1.33	2.60	8.30					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T05-C	1	3.88E+04		3.88E+04	1.97	2.60	8.30					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T06-C	1	3.17E+04		3.17E+04	1.23	2.60	8.30					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T07-C	1	2.61E+04		2.61E+04	1.82	2.60	8.30					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T08-C	1	2.30E+04		2.30E+04	1.47	2.60	8.30					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-T09-C	1	2.47E+04		2.47E+04	3.16	2.60	8.30					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-M01-A	1	8.34E+01		8.34E+01	1.21	2.60	8.30					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-M02-A	1	5.47E+01		5.47E+01	1.09	2.60	8.30					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-M03-A	1	1.21E+01		1.21E+01	2.26	2.60	8.30					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-M04-A	1	9.54E+01		9.54E+01	1.35	2.60	8.30					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-M05-A	1	1.23E+02		1.23E+02	5.09	2.60	8.30					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-M06-A	1	1.38E+02		1.38E+02	2.07	2.60	8.30					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-M07-A	1	1.07E+02		1.07E+02	2.94	2.60	8.30					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-M08-A	1	2.03E+01		2.03E+01	8.48	2.60	8.30					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Ca	SWA-L05-1315-M09-A	1	4.65E+01		4.65E+01	6.36	2.60	8.30					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	SWA-L05-1315-T01-A	1	3.16E+01		3.16E+01	1.26	1.20	3.82					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T02-A	1	4.97E+01		4.97E+01	2.54	1.20	3.82					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T03-A	1	2.41E+01		2.41E+01	2.15	1.20	3.82	10000	1000	9.36E+02	91%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T04-A	1	4.29E+01		4.29E+01	2.54	1.20	3.82					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T05-A	1	3.62E+01		3.62E+01	2.39	1.20	3.82					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T06-A	1	3.85E+01		3.85E+01	1.16	1.20	3.82					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T07-A	1	3.55E+01		3.55E+01	0.87	1.20	3.82					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T08-A	1	2.48E+01		2.48E+01	2.10	1.20	3.82					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T09-A	1	3.16E+01		3.16E+01	0.67	1.20	3.82					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T01-B	1	2.80E+01		2.80E+01	0.99	1.20	3.82					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T02-B	1	6.76E+01		6.76E+01	0.60	1.20	3.82					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T03-B	1	1.98E+01		1.98E+01	1.99	1.20	3.82	10000	1000	9.80E+02	96%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T04-B	1	4.45E+01		4.45E+01	1.42	1.20	3.82					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T05-B	1	3.49E+01		3.49E+01	2.15	1.20	3.82					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T06-B	1	4.16E+01		4.16E+01	2.50	1.20	3.82					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T07-B	1	3.66E+01		3.66E+01	1.44	1.20	3.82					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T08-B	1	2.56E+01		2.56E+01	4.00	1.20	3.82					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T09-B	1	3.27E+01		3.27E+01	0.76	1.20	3.82					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T01-C	1	2.93E+01		2.93E+01	1.29	1.20	3.82					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T02-C	1	5.90E+01		5.90E+01	0.98	1.20	3.82					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T03-C	1	2.29E+01		2.29E+01	1.56	1.20	3.82	10000	1000	1.01E+03	98%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T04-C	1	3.91E+01		3.91E+01	0.98	1.20	3.82					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T05-C	1	3.44E+01		3.44E+01	2.95	1.20	3.82					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T06-C	1	4.13E+01		4.13E+01	1.20	1.20	3.82					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T07-C	1	3.73E+01		3.73E+01	1.53	1.20	3.82					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T08-C	1	2.55E+01		2.55E+01	2.72	1.20	3.82					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-T09-C	1	3.24E+01		3.24E+01	3.39	1.20	3.82					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	21.30	1.20	3.82					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	42.28	1.20	3.82					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	66.19	1.20	3.82					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	45.80	1.20	3.82					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	55.19	1.20	3.82					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	60.76	1.20	3.82					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	22.19	1.20	3.82					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	49.87	1.20	3.82					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Cr	SWA-L05-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	55.68	1.20	3.82					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	SWA-L05-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	50.97	1.80	5.72					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	31.40	1.80	5.72					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	32.46	1.80	5.72	10000	1000	9.13E+02	91%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	49.61	1.80	5.72					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	24.29	1.80	5.72					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	38.98	1.80	5.72					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	69.23	1.80	5.72					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	52.00	1.80	5.72					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	28.09	1.80	5.72					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	36.69	1.80	5.72					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	74.88	1.80	5.72					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	41.06	1.80	5.72	10000	1000	9.29E+02	93%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	11.07	1.80	5.72					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	72.65	1.80	5.72					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	73.23	1.80	5.72					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	26.02	1.80	5.72					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	59.86	1.80	5.72					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	37.85	1.80	5.72					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	17.50	1.80	5.72					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	24.34	1.80	5.72					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	26.76	1.80	5.72	10000	1000	9.57E+02	96%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	39.49	1.80	5.72					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	40.51	1.80	5.72					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	59.78	1.80	5.72					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	65.32	1.80	5.72					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	150.77	1.80	5.72					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	29.08	1.80	5.72					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	78.99	1.80	5.72					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	25.73	1.80	5.72					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	20.38	1.80	5.72					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	25.93	1.80	5.72					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	32.18	1.80	5.72					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	43.00	1.80	5.72					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	22.49	1.80	5.72					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	24.26	1.80	5.72					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Co	SWA-L05-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	31.73	1.80	5.72					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	SWA-L05-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	72.76	3.70	11.80					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	21.80	3.70	11.80					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	33.76	3.70	11.80	10000	1000	9.07E+02	91%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	36.04	3.70	11.80					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	53.69	3.70	11.80					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	15.25	3.70	11.80					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	31.30	3.70	11.80					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	21.52	3.70	11.80					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	16.37	3.70	11.80					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	30.87	3.70	11.80					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T02-B	1	1.85E+00	U1/2	1.85E+00	41.35	3.70	11.80					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	29.43	3.70	11.80	10000	1000	9.27E+02	93%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	39.77	3.70	11.80					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	37.78	3.70	11.80					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	37.30	3.70	11.80					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	36.73	3.70	11.80					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	38.10	3.70	11.80					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	29.91	3.70	11.80					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	48.04	3.70	11.80					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	11.47	3.70	11.80					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	14.91	3.70	11.80	10000	1000	9.42E+02	94%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	14.26	3.70	11.80					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	35.53	3.70	11.80					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	32.67	3.70	11.80					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T07-C	1	1.85E+00	U1/2	1.85E+00	50.95	3.70	11.80					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	39.72	3.70	11.80					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	9.79	3.70	11.80					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	38.05	3.70	11.80					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	47.84	3.70	11.80					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	18.33	3.70	11.80					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	20.67	3.70	11.80					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	46.24	3.70	11.80					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	34.22	3.70	11.80					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	36.24	3.70	11.80					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	34.94	3.70	11.80					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Cu	SWA-L05-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	20.14	3.70	11.80					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	SWA-L05-1315-T01-A	1	1.19E+01		1.19E+01	5.87	2.00	6.40					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T02-A	1	1.31E+01		1.31E+01	3.23	2.00	6.40					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T03-A	1	4.92E+00	E	4.92E+00	5.29	2.00	6.40	10000	1000	9.44E+02	94%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T04-A	1	3.08E+00	E	3.08E+00	6.52	2.00	6.40					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T05-A	1	3.30E+00	E	3.30E+00	7.35	2.00	6.40					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T06-A	1	2.95E+00	E	2.95E+00	16.34	2.00	6.40					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T07-A	1	2.02E+00	E	2.02E+00	1.77	2.00	6.40					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	7.79	2.00	6.40					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	5.84	2.00	6.40					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T01-B	1	1.14E+01		1.14E+01	0.78	2.00	6.40					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T02-B	1	1.64E+01		1.64E+01	3.30	2.00	6.40					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T03-B	1	4.81E+00	E	4.81E+00	1.57	2.00	6.40	10000	1000	9.64E+02	96%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T04-B	1	4.21E+00	E	4.21E+00	4.28	2.00	6.40					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T05-B	1	4.18E+00	E	4.18E+00	7.16	2.00	6.40					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T06-B	1	2.51E+00	E	2.51E+00	4.93	2.00	6.40					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T07-B	1	2.12E+00	E	2.12E+00	12.80	2.00	6.40					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	9.36	2.00	6.40					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	4.41	2.00	6.40					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T01-C	1	1.54E+01		1.54E+01	0.39	2.00	6.40					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T02-C	1	1.70E+01		1.70E+01	1.55	2.00	6.40					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T03-C	1	6.90E+00		6.90E+00	3.42	2.00	6.40	10000	1000	1.00E+03	99%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T04-C	1	5.32E+00	E	5.32E+00	5.88	2.00	6.40					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T05-C	1	5.22E+00	E	5.22E+00	7.05	2.00	6.40					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T06-C	1	2.33E+00	E	2.33E+00	4.65	2.00	6.40					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T07-C	1	2.48E+00	E	2.48E+00	10.52	2.00	6.40					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	17.12	2.00	6.40					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	17.26	2.00	6.40					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	3.37	2.00	6.40					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	16.91	2.00	6.40					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	13.62	2.00	6.40					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	10.98	2.00	6.40					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	19.79	2.00	6.40					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	23.99	2.00	6.40					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	17.78	2.00	6.40					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	27.97	2.00	6.40					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Fe	SWA-L05-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	30.59	2.00	6.40					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	SWA-L05-1315-T01-A	1	3.40E+00	U1/2	3.40E+00	53.89	6.80	21.60					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T02-A	1	3.40E+00	U1/2	3.40E+00	37.82	6.80	21.60					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T03-A	1	3.40E+00	U1/2	3.40E+00	24.56	6.80	21.60	10000	1000	9.20E+02	92%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T04-A	1	3.40E+00	U1/2	3.40E+00	48.61	6.80	21.60					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T05-A	1	3.40E+00	U1/2	3.40E+00	29.66	6.80	21.60					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T06-A	1	3.40E+00	U1/2	3.40E+00	48.61	6.80	21.60					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T07-A	1	3.40E+00	U1/2	3.40E+00	35.42	6.80	21.60					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T08-A	1	3.40E+00	U1/2	3.40E+00	43.71	6.80	21.60					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T09-A	1	3.40E+00	U1/2	3.40E+00	32.49	6.80	21.60					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T01-B	1	3.40E+00	U1/2	3.40E+00	54.67	6.80	21.60					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T02-B	1	3.40E+00	U1/2	3.40E+00	34.97	6.80	21.60					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T03-B	1	3.40E+00	U1/2	3.40E+00	27.88	6.80	21.60	10000	1000	9.18E+02	92%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T04-B	1	3.40E+00	U1/2	3.40E+00	17.17	6.80	21.60					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T05-B	1	3.40E+00	U1/2	3.40E+00	27.93	6.80	21.60					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T06-B	1	3.40E+00	U1/2	3.40E+00	68.08	6.80	21.60					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T07-B	1	3.40E+00	U1/2	3.40E+00	59.69	6.80	21.60					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T08-B	1	3.40E+00	U1/2	3.40E+00	54.07	6.80	21.60					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T09-B	1	3.40E+00	U1/2	3.40E+00	43.80	6.80	21.60					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T01-C	1	3.40E+00	U1/2	3.40E+00	47.65	6.80	21.60					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T02-C	1	3.40E+00	U1/2	3.40E+00	29.85	6.80	21.60					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T03-C	1	3.40E+00	U1/2	3.40E+00	25.17	6.80	21.60	10000	1000	9.43E+02	94%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T04-C	1	3.40E+00	U1/2	3.40E+00	25.34	6.80	21.60					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T05-C	1	3.40E+00	U1/2	3.40E+00	21.87	6.80	21.60					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T06-C	1	3.40E+00	U1/2	3.40E+00	71.44	6.80	21.60					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T07-C	1	3.40E+00	U1/2	3.40E+00	38.97	6.80	21.60					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T08-C	1	3.40E+00	U1/2	3.40E+00	61.29	6.80	21.60					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-T09-C	1	3.40E+00	U1/2	3.40E+00	41.86	6.80	21.60					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	35.33	6.80	21.60					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	23.76	6.80	21.60					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	31.04	6.80	21.60					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	47.09	6.80	21.60					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	34.34	6.80	21.60					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	1.23	6.80	21.60					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	13.24	6.80	21.60					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	41.43	6.80	21.60					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Pb	SWA-L05-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	25.43	6.80	21.60					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	SWA-L05-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	26.02	1.90	6.00					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	10.84	1.90	6.00					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	67.25	1.90	6.00	10000	1000	8.80E+02	88%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	52.26	1.90	6.00					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	23.44	1.90	6.00					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	12.27	1.90	6.00					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	16.25	1.90	6.00					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	13.76	1.90	6.00					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	68.69	1.90	6.00					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	41.27	1.90	6.00					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	20.55	1.90	6.00					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	63.99	1.90	6.00	10000	1000	8.94E+02	89%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	12.46	1.90	6.00					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	10.15	1.90	6.00					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	29.03	1.90	6.00					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	21.53	1.90	6.00					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	16.96	1.90	6.00					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	97.49	1.90	6.00					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	1.33	1.90	6.00					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	10.44	1.90	6.00					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	11.17	1.90	6.00	10000	1000	9.09E+02	91%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	31.53	1.90	6.00					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	15.89	1.90	6.00					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	24.28	1.90	6.00					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	8.26	1.90	6.00					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	33.80	1.90	6.00					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	49.77	1.90	6.00					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	26.10	1.90	6.00					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	4.59	1.90	6.00					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	3.65	1.90	6.00					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	5.41	1.90	6.00					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	37.06	1.90	6.00					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	38.19	1.90	6.00					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	46.43	1.90	6.00					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	18.31	1.90	6.00					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Li	SWA-L05-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	3.20	1.90	6.00					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	SWA-L05-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	11.78	2.00	6.40					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	16.31	2.00	6.40					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	18.20	2.00	6.40	10000	1000	9.30E+02	93%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	16.79	2.00	6.40					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	4.78	2.00	6.40					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	13.41	2.00	6.40					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	12.47	2.00	6.40					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	3.65	2.00	6.40					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	26.78	2.00	6.40					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	5.28	2.00	6.40					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	12.24	2.00	6.40					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	13.95	2.00	6.40	10000	1000	9.44E+02	94%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	27.22	2.00	6.40					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	15.13	2.00	6.40					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	15.23	2.00	6.40					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	11.21	2.00	6.40					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	22.77	2.00	6.40					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	21.12	2.00	6.40					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	2.16	2.00	6.40					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	21.25	2.00	6.40					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	1.71	2.00	6.40	10000	1000	9.63E+02	96%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	15.22	2.00	6.40					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	14.85	2.00	6.40					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	48.49	2.00	6.40					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	34.09	2.00	6.40					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	9.69	2.00	6.40					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	8.32	2.00	6.40					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	21.44	2.00	6.40					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	1.67	2.00	6.40					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	19.38	2.00	6.40					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	14.63	2.00	6.40					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	45.58	2.00	6.40					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	23.77	2.00	6.40					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	26.46	2.00	6.40					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	49.55	2.00	6.40					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Mn	SWA-L05-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	39.97	2.00	6.40					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	SWA-L05-1315-T01-A	1	2.42E+00	E	2.42E+00	2.51	1.00	3.18					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T02-A	1	2.26E+01		2.26E+01	1.26	1.00	3.18					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T03-A	1	2.57E+01		2.57E+01	9.06	1.00	3.18	10000	1000	1.02E+03	99%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T04-A	1	1.81E+01		1.81E+01	7.26	1.00	3.18					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T05-A	1	1.68E+01		1.68E+01	1.61	1.00	3.18					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T06-A	1	1.07E+01		1.07E+01	2.08	1.00	3.18					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T07-A	1	1.54E+01		1.54E+01	8.32	1.00	3.18					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T08-A	1	4.86E+01		4.86E+01	6.02	1.00	3.18					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T09-A	1	2.75E+01		2.75E+01	6.46	1.00	3.18					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T01-B	1	2.13E+00	E	2.13E+00	3.77	1.00	3.18					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T02-B	1	2.07E+01		2.07E+01	1.68	1.00	3.18					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T03-B	1	2.35E+01		2.35E+01	3.20	1.00	3.18	10000	1000	1.03E+03	101%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T04-B	1	1.70E+01		1.70E+01	1.29	1.00	3.18					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T05-B	1	1.58E+01		1.58E+01	8.39	1.00	3.18					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T06-B	1	1.43E+01		1.43E+01	1.48	1.00	3.18					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T07-B	1	1.85E+01		1.85E+01	1.49	1.00	3.18					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T08-B	1	3.78E+01		3.78E+01	7.81	1.00	3.18					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T09-B	1	1.85E+01		1.85E+01	6.57	1.00	3.18					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T01-C	1	3.99E+00		3.99E+00	1.73	1.00	3.18					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T02-C	1	2.12E+01		2.12E+01	1.30	1.00	3.18					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T03-C	1	2.47E+01		2.47E+01	6.12	1.00	3.18	10000	1000	1.04E+03	102%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T04-C	1	1.77E+01		1.77E+01	1.20	1.00	3.18					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T05-C	1	1.75E+01		1.75E+01	8.89	1.00	3.18					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T06-C	1	1.05E+01		1.05E+01	15.51	1.00	3.18					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T07-C	1	1.71E+01		1.71E+01	8.01	1.00	3.18					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T08-C	1	3.32E+01		3.32E+01	1.76	1.00	3.18					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-T09-C	1	1.72E+01		1.72E+01	1.47	1.00	3.18					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	23.55	1.00	3.18					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	10.82	1.00	3.18					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	17.53	1.00	3.18					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	8.47	1.00	3.18					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	5.51	1.00	3.18					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	8.37	1.00	3.18					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.12	1.00	3.18					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	22.08	1.00	3.18					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Mg	SWA-L05-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	26.13	1.00	3.18					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	SWA-L05-1315-T01-A	1	6.69E+00		6.69E+00	1.46	1.20	3.82					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T02-A	1	7.15E+00		7.15E+00	11.64	1.20	3.82					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T03-A	1	5.20E+00		5.20E+00	3.68	1.20	3.82	10000	1000	9.22E+02	92%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T04-A	1	7.34E+00		7.34E+00	1.71	1.20	3.82					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T05-A	1	5.71E+00		5.71E+00	3.90	1.20	3.82					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T06-A	1	6.56E+00		6.56E+00	8.03	1.20	3.82					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T07-A	1	5.62E+00		5.62E+00	1.29	1.20	3.82					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T08-A	1	2.76E+00	E	2.76E+00	10.64	1.20	3.82					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T09-A	1	4.06E+00		4.06E+00	10.81	1.20	3.82					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T01-B	1	5.57E+00		5.57E+00	7.14	1.20	3.82					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T02-B	1	8.59E+00		8.59E+00	8.81	1.20	3.82					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T03-B	1	5.77E+00		5.77E+00	3.27	1.20	3.82	10000	1000	9.36E+02	93%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T04-B	1	1.13E+01		1.13E+01	7.37	1.20	3.82					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T05-B	1	9.56E+00		9.56E+00	3.41	1.20	3.82					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T06-B	1	9.64E+00		9.64E+00	1.41	1.20	3.82					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T07-B	1	6.35E+00		6.35E+00	4.72	1.20	3.82					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T08-B	1	4.40E+00		4.40E+00	2.38	1.20	3.82					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T09-B	1	4.87E+00		4.87E+00	1.53	1.20	3.82					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T01-C	1	6.29E+00		6.29E+00	1.05	1.20	3.82					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T02-C	1	7.31E+00		7.31E+00	6.80	1.20	3.82					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T03-C	1	5.39E+00		5.39E+00	1.34	1.20	3.82	10000	1000	9.66E+02	96%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T04-C	1	9.28E+00		9.28E+00	6.51	1.20	3.82					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T05-C	1	7.64E+00		7.64E+00	1.34	1.20	3.82					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T06-C	1	7.40E+00		7.40E+00	1.39	1.20	3.82					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T07-C	1	6.27E+00		6.27E+00	1.63	1.20	3.82					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T08-C	1	3.28E+00	E	3.28E+00	3.08	1.20	3.82					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-T09-C	1	4.66E+00		4.66E+00	2.76	1.20	3.82					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	1.31	1.20	3.82					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	10.16	1.20	3.82					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	1.62	1.20	3.82					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	6.13	1.20	3.82					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	30.81	1.20	3.82					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	32.72	1.20	3.82					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	12.19	1.20	3.82					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	1.40	1.20	3.82					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Mo	SWA-L05-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	6.45	1.20	3.82					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	SWA-L05-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	32.15	1.80	5.70					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	19.54	1.80	5.70					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	27.09	1.80	5.70	10000	1000	9.08E+02	91%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	25.93	1.80	5.70					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	44.12	1.80	5.70					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	44.47	1.80	5.70					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	26.03	1.80	5.70					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	14.91	1.80	5.70					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	49.26	1.80	5.70					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	22.87	1.80	5.70					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	53.82	1.80	5.70					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	24.23	1.80	5.70	10000	1000	9.19E+02	92%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	31.88	1.80	5.70					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	39.92	1.80	5.70					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	28.06	1.80	5.70					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	22.16	1.80	5.70					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	22.84	1.80	5.70					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	79.84	1.80	5.70					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	38.47	1.80	5.70					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	58.41	1.80	5.70					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	55.12	1.80	5.70	10000	1000	9.39E+02	94%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	18.99	1.80	5.70					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	48.41	1.80	5.70					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	60.22	1.80	5.70					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	25.94	1.80	5.70					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	57.93	1.80	5.70					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	13.30	1.80	5.70					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	32.26	1.80	5.70					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	31.94	1.80	5.70					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	17.80	1.80	5.70					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	31.22	1.80	5.70					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	68.71	1.80	5.70					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	26.67	1.80	5.70					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	43.92	1.80	5.70					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	46.28	1.80	5.70					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Ni	SWA-L05-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	34.36	1.80	5.70					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	SWA-L05-1315-T01-A	1	1.37E+01		1.37E+01	1.98	3.70	11.80					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T02-A	1	1.91E+01		1.91E+01	5.20	3.70	11.80					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T03-A	1	1.71E+01		1.71E+01	15.01	3.70	11.80	10000	1000	8.92E+02	87%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T04-A	1	1.40E+01		1.40E+01	5.02	3.70	11.80					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T05-A	1	1.03E+01	E	1.03E+01	36.93	3.70	11.80					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T06-A	1	1.38E+01		1.38E+01	3.60	3.70	11.80					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T07-A	1	1.00E+01	E	1.00E+01	23.83	3.70	11.80					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T08-A	1	7.46E+00	E	7.46E+00	34.38	3.70	11.80					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T09-A	1	9.40E+00	E	9.40E+00	23.01	3.70	11.80					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T01-B	1	1.25E+01		1.25E+01	2.27	3.70	11.80					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T02-B	1	2.18E+01		2.18E+01	16.19	3.70	11.80					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T03-B	1	1.59E+01		1.59E+01	2.45	3.70	11.80	10000	1000	8.93E+02	88%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T04-B	1	1.39E+01		1.39E+01	2.24	3.70	11.80					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T05-B	1	1.27E+01		1.27E+01	2.36	3.70	11.80					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T06-B	1	1.47E+01		1.47E+01	3.60	3.70	11.80					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T07-B	1	1.46E+01		1.46E+01	4.38	3.70	11.80					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T08-B	1	6.36E+00	E	6.36E+00	3.83	3.70	11.80					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T09-B	1	7.76E+00	E	7.76E+00	29.30	3.70	11.80					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T01-C	1	1.90E+01		1.90E+01	2.04	3.70	11.80					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T02-C	1	1.46E+01		1.46E+01	2.31	3.70	11.80					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T03-C	1	1.43E+01		1.43E+01	6.60	3.70	11.80	10000	1000	9.16E+02	90%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T04-C	1	1.62E+01		1.62E+01	14.91	3.70	11.80					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T05-C	1	1.18E+01	E	1.18E+01	33.82	3.70	11.80					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T06-C	1	1.28E+01		1.28E+01	5.35	3.70	11.80					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T07-C	1	9.16E+00	E	9.16E+00	44.85	3.70	11.80					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T08-C	1	8.54E+00	E	8.54E+00	44.56	3.70	11.80					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-T09-C	1	1.09E+01	E	1.09E+01	22.75	3.70	11.80					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	9.43	3.70	11.80					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	9.00	3.70	11.80					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	43.96	3.70	11.80					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	10.84	3.70	11.80					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	40.95	3.70	11.80					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	28.74	3.70	11.80					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	34.65	3.70	11.80					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	13.46	3.70	11.80					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
P	SWA-L05-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	50.71	3.70	11.80					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	SWA-L05-1315-T01-A	1	1.43E+04		1.43E+04	0.27	1.60	5.09					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T02-A	1	2.80E+04		2.80E+04	1.46	1.60	5.09					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T03-A	1	1.43E+04		1.43E+04	0.68	1.60	5.09	10000	1000	1.52E+04	90%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T04-A	1	4.06E+04		4.06E+04	2.25	1.60	5.09					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T05-A	1	3.84E+04		3.84E+04	1.79	1.60	5.09					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T06-A	1	4.31E+04		4.31E+04	0.92	1.60	5.09					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T07-A	1	3.36E+04		3.36E+04	1.22	1.60	5.09					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T08-A	1	1.31E+04		1.31E+04	1.48	1.60	5.09					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T09-A	1	2.15E+04		2.15E+04	1.41	1.60	5.09					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T01-B	1	1.57E+04		1.57E+04	0.42	1.60	5.09					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T02-B	1	3.01E+04		3.01E+04	0.32	1.60	5.09					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T03-B	1	1.37E+04		1.37E+04	0.45	1.60	5.09	10000	1000	1.45E+04	85%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T04-B	1	4.24E+04		4.24E+04	1.88	1.60	5.09					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T05-B	1	3.92E+04		3.92E+04	1.20	1.60	5.09					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T06-B	1	4.33E+04		4.33E+04	1.98	1.60	5.09					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T07-B	1	3.54E+04		3.54E+04	1.47	1.60	5.09					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T08-B	1	1.40E+04		1.40E+04	0.74	1.60	5.09					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T09-B	1	2.25E+04		2.25E+04	1.12	1.60	5.09					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T01-C	1	1.46E+04		1.46E+04	0.96	1.60	5.09					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T02-C	1	3.05E+04		3.05E+04	1.00	1.60	5.09					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T03-C	1	1.38E+04		1.38E+04	1.24	1.60	5.09	10000	1000	1.47E+04	90%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T04-C	1	4.26E+04		4.26E+04	1.44	1.60	5.09					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T05-C	1	4.03E+04		4.03E+04	2.44	1.60	5.09					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T06-C	1	4.40E+04		4.40E+04	1.12	1.60	5.09					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T07-C	1	3.71E+04		3.71E+04	0.91	1.60	5.09					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T08-C	1	1.48E+04		1.48E+04	1.11	1.60	5.09					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-T09-C	1	2.43E+04		2.43E+04	3.00	1.60	5.09					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-M01-A	1	1.47E+01		1.47E+01	6.15	1.60	5.09					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-M02-A	1	6.88E+00		6.88E+00	1.53	1.60	5.09					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-M03-A	1	4.79E+00	E	4.79E+00	7.51	1.60	5.09					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-M04-A	1	1.96E+00	E	1.96E+00	6.75	1.60	5.09					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-M05-A	1	6.89E+00		6.89E+00	3.74	1.60	5.09					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-M06-A	1	4.57E+00	E	4.57E+00	3.43	1.60	5.09					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-M07-A	1	7.81E+00		7.81E+00	7.15	1.60	5.09					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-M08-A	1	7.59E+00		7.59E+00	2.04	1.60	5.09					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
K	SWA-L05-1315-M09-A	1	4.21E+00	E	4.21E+00	8.57	1.60	5.09					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	SWA-L05-1315-T01-A	1	1.71E+03		1.71E+03	0.16	15.00	47.70					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T02-A	1	2.72E+03		2.72E+03	1.07	15.00	47.70					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T03-A	1	1.46E+03		1.46E+03	0.11	15.00	47.70	10000	1000	2.48E+03	101%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T04-A	1	4.19E+03		4.19E+03	1.81	15.00	47.70					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T05-A	1	2.62E+03		2.62E+03	1.96	15.00	47.70					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T06-A	1	3.05E+03		3.05E+03	0.80	15.00	47.70					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T07-A	1	1.59E+03		1.59E+03	2.38	15.00	47.70					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T08-A	1	5.86E+02		5.86E+02	4.60	15.00	47.70					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T09-A	1	1.16E+03		1.16E+03	1.74	15.00	47.70					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T01-B	1	1.74E+03		1.74E+03	0.54	15.00	47.70					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T02-B	1	3.12E+03		3.12E+03	0.49	15.00	47.70					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T03-B	1	1.24E+03		1.24E+03	0.99	15.00	47.70	10000	1000	2.22E+03	99%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T04-B	1	4.37E+03		4.37E+03	2.10	15.00	47.70					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T05-B	1	2.96E+03		2.96E+03	1.08	15.00	47.70					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T06-B	1	3.11E+03		3.11E+03	2.18	15.00	47.70					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T07-B	1	1.70E+03		1.70E+03	1.75	15.00	47.70					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T08-B	1	5.72E+02		5.72E+02	1.32	15.00	47.70					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T09-B	1	1.04E+03		1.04E+03	1.36	15.00	47.70					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T01-C	1	2.24E+03		2.24E+03	1.67	15.00	47.70					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T02-C	1	2.84E+03		2.84E+03	0.49	15.00	47.70					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T03-C	1	1.54E+03		1.54E+03	0.25	15.00	47.70	10000	1000	2.49E+03	95%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T04-C	1	4.21E+03		4.21E+03	0.99	15.00	47.70					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T05-C	1	2.91E+03		2.91E+03	2.40	15.00	47.70					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T06-C	1	3.09E+03		3.09E+03	2.16	15.00	47.70					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T07-C	1	1.77E+03		1.77E+03	0.26	15.00	47.70					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T08-C	1	6.24E+02		6.24E+02	1.03	15.00	47.70					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-T09-C	1	1.14E+03		1.14E+03	4.68	15.00	47.70					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	44.05	15.00	47.70					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	87.30	15.00	47.70					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	85.23	15.00	47.70					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	27.79	15.00	47.70					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	27.74	15.00	47.70					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	22.47	15.00	47.70					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	36.71	15.00	47.70					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	37.88	15.00	47.70					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Se	SWA-L05-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	27.07	15.00	47.70					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	SWA-L05-1315-T01-A	1	7.51E+02		7.51E+02	0.45	1.10	3.50					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T02-A	1	3.59E+03		3.59E+03	0.18	1.10	3.50					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T03-A	1	2.52E+03		2.52E+03	0.37	1.10	3.50	10000	1000	3.37E+03	84%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T04-A	1	6.87E+03		6.87E+03	1.48	1.10	3.50					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T05-A	1	6.61E+03		6.61E+03	2.42	1.10	3.50					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T06-A	1	7.82E+03		7.82E+03	0.59	1.10	3.50					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T07-A	1	7.19E+03		7.19E+03	1.35	1.10	3.50					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T08-A	1	5.20E+03		5.20E+03	2.26	1.10	3.50					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T09-A	1	6.79E+03		6.79E+03	1.56	1.10	3.50					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T01-B	1	6.68E+02		6.68E+02	0.42	1.10	3.50					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T02-B	1	3.21E+03		3.21E+03	0.29	1.10	3.50					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T03-B	1	2.62E+03		2.62E+03	0.67	1.10	3.50	10000	1000	3.44E+03	82%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T04-B	1	7.09E+03		7.09E+03	1.92	1.10	3.50					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T05-B	1	6.84E+03		6.84E+03	0.19	1.10	3.50					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T06-B	1	7.93E+03		7.93E+03	2.30	1.10	3.50					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T07-B	1	7.27E+03		7.27E+03	1.53	1.10	3.50					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T08-B	1	5.22E+03		5.22E+03	1.77	1.10	3.50					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T09-B	1	7.00E+03		7.00E+03	0.67	1.10	3.50					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T01-C	1	1.04E+03		1.04E+03	1.44	1.10	3.50					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T02-C	1	3.31E+03		3.31E+03	1.09	1.10	3.50					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T03-C	1	2.66E+03		2.66E+03	1.46	1.10	3.50	10000	1000	3.49E+03	83%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T04-C	1	7.02E+03		7.02E+03	1.47	1.10	3.50					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T05-C	1	6.62E+03		6.62E+03	1.64	1.10	3.50					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T06-C	1	7.88E+03		7.88E+03	1.33	1.10	3.50					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T07-C	1	7.46E+03		7.46E+03	1.83	1.10	3.50					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T08-C	1	5.38E+03		5.38E+03	1.28	1.10	3.50					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-T09-C	1	7.04E+03		7.04E+03	2.48	1.10	3.50					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	4.42	1.10	3.50					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	2.64	1.10	3.50					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	1.57	1.10	3.50					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	1.59	1.10	3.50					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	4.64	1.10	3.50					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	10.04	1.10	3.50					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	25.11	1.10	3.50					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	9.71	1.10	3.50					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Si	SWA-L05-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	13.90	1.10	3.50					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	SWA-L05-1315-T01-A	1	4.83E+04		4.83E+04	0.24	2.50	8.00					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T02-A	1	8.23E+04		8.23E+04	1.03	2.50	8.00					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T03-A	1	5.77E+04		5.77E+04	0.46	2.50	8.00	10000	1000	5.86E+04	90%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T04-A	1	1.45E+05		1.45E+05	0.76	2.50	8.00					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T05-A	1	1.21E+05		1.21E+05	0.50	2.50	8.00					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T06-A	1	1.40E+05		1.40E+05	0.32	2.50	8.00					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T07-A	1	1.03E+05		1.03E+05	1.14	2.50	8.00					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T08-A	1	4.52E+04		4.52E+04	0.84	2.50	8.00					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T09-A	1	7.31E+04		7.31E+04	0.79	2.50	8.00					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T01-B	1	5.00E+04		5.00E+04	0.93	2.50	8.00					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T02-B	1	9.17E+04		9.17E+04	0.23	2.50	8.00					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T03-B	1	5.62E+04		5.62E+04	0.68	2.50	8.00	10000	1000	5.71E+04	92%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T04-B	1	1.56E+05		1.56E+05	0.60	2.50	8.00					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T05-B	1	1.29E+05		1.29E+05	0.09	2.50	8.00					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T06-B	1	1.41E+05		1.41E+05	1.80	2.50	8.00					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T07-B	1	1.07E+05		1.07E+05	0.51	2.50	8.00					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T08-B	1	4.77E+04		4.77E+04	0.30	2.50	8.00					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T09-B	1	7.65E+04		7.65E+04	0.36	2.50	8.00					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T01-C	1	4.92E+04		4.92E+04	0.09	2.50	8.00					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T02-C	1	8.53E+04		8.53E+04	0.93	2.50	8.00					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T03-C	1	5.77E+04		5.77E+04	0.09	2.50	8.00	10000	1000	5.86E+04	89%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T04-C	1	1.48E+05		1.48E+05	0.31	2.50	8.00					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T05-C	1	1.29E+05		1.29E+05	0.25	2.50	8.00					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T06-C	1	1.41E+05		1.41E+05	0.39	2.50	8.00					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T07-C	1	1.13E+05		1.13E+05	0.63	2.50	8.00					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T08-C	1	4.98E+04		4.98E+04	0.64	2.50	8.00					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-T09-C	1	7.99E+04		7.99E+04	0.66	2.50	8.00					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-M01-A	1	4.09E+01		4.09E+01	0.62	2.50	8.00					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-M02-A	1	3.21E+01		3.21E+01	1.22	2.50	8.00					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-M03-A	1	2.90E+01		2.90E+01	1.23	2.50	8.00					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-M04-A	1	3.62E+01		3.62E+01	1.86	2.50	8.00					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-M05-A	1	3.85E+01		3.85E+01	1.40	2.50	8.00					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-M06-A	1	2.41E+01		2.41E+01	1.24	2.50	8.00					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-M07-A	1	2.10E+01		2.10E+01	0.54	2.50	8.00					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-M08-A	1	1.70E+01		1.70E+01	2.68	2.50	8.00					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Na	SWA-L05-1315-M09-A	1	1.80E+01		1.80E+01	2.99	2.50	8.00					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	SWA-L05-1315-T01-A	1	4.92E+00		4.92E+00	18.41	1.00	3.18					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T02-A	1	1.06E+02		1.06E+02	1.96	1.00	3.18					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T03-A	1	9.25E+01		9.25E+01	0.85	1.00	3.18	10000	1000	9.59E+02	87%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T04-A	1	1.93E+02		1.93E+02	0.55	1.00	3.18					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T05-A	1	2.37E+02		2.37E+02	2.73	1.00	3.18					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T06-A	1	1.96E+02		1.96E+02	1.89	1.00	3.18					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T07-A	1	2.58E+02		2.58E+02	0.94	1.00	3.18					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T08-A	1	2.27E+02		2.27E+02	1.13	1.00	3.18					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T09-A	1	2.32E+02		2.32E+02	1.24	1.00	3.18					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T01-B	1	6.00E+00		6.00E+00	1.12	1.00	3.18					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T02-B	1	1.06E+02		1.06E+02	0.70	1.00	3.18					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T03-B	1	9.49E+01		9.49E+01	1.51	1.00	3.18	10000	1000	9.93E+02	90%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T04-B	1	1.90E+02		1.90E+02	2.60	1.00	3.18					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T05-B	1	2.36E+02		2.36E+02	1.36	1.00	3.18					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T06-B	1	2.01E+02		2.01E+02	2.03	1.00	3.18					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T07-B	1	2.33E+02		2.33E+02	2.16	1.00	3.18					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T08-B	1	2.20E+02		2.20E+02	0.50	1.00	3.18					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T09-B	1	2.26E+02		2.26E+02	1.29	1.00	3.18					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T01-C	1	5.18E+00		5.18E+00	2.22	1.00	3.18					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T02-C	1	1.22E+02		1.22E+02	2.20	1.00	3.18					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T03-C	1	1.16E+02		1.16E+02	1.10	1.00	3.18	10000	1000	1.03E+03	91%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T04-C	1	2.24E+02		2.24E+02	1.52	1.00	3.18					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T05-C	1	2.47E+02		2.47E+02	1.63	1.00	3.18					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T06-C	1	2.03E+02		2.03E+02	0.64	1.00	3.18					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T07-C	1	2.02E+02		2.02E+02	1.78	1.00	3.18					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T08-C	1	2.02E+02		2.02E+02	0.72	1.00	3.18					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-T09-C	1	2.68E+02		2.68E+02	3.40	1.00	3.18					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	20.77	1.00	3.18					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	31.31	1.00	3.18					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	26.60	1.00	3.18					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	34.95	1.00	3.18					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	9.63	1.00	3.18					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	33.12	1.00	3.18					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	32.60	1.00	3.18					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	12.23	1.00	3.18					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Sr	SWA-L05-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	9.02	1.00	3.18					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	SWA-L05-1315-T01-A	1	8.79E+03		8.79E+03	0.21	6.80	21.60					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T02-A	1	1.33E+04		1.33E+04	1.99	6.80	21.60					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T03-A	1	6.86E+03		6.86E+03	1.45	6.80	21.60	10000	1000	7.75E+03	90%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T04-A	1	1.97E+04		1.97E+04	1.19	6.80	21.60					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T05-A	1	1.41E+04		1.41E+04	2.48	6.80	21.60					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T06-A	1	1.70E+04		1.70E+04	1.45	6.80	21.60					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T07-A	1	1.16E+04		1.16E+04	0.93	6.80	21.60					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T08-A	1	3.70E+03		3.70E+03	1.81	6.80	21.60					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T09-A	1	7.12E+03		7.12E+03	1.43	6.80	21.60					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T01-B	1	9.74E+03		9.74E+03	0.77	6.80	21.60					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T02-B	1	1.20E+04		1.20E+04	1.19	6.80	21.60					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T03-B	1	6.28E+03		6.28E+03	0.26	6.80	21.60	10000	1000	7.15E+03	88%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T04-B	1	1.95E+04		1.95E+04	2.34	6.80	21.60					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T05-B	1	1.44E+04		1.44E+04	1.20	6.80	21.60					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T06-B	1	1.81E+04		1.81E+04	1.10	6.80	21.60					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T07-B	1	1.16E+04		1.16E+04	1.82	6.80	21.60					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T08-B	1	4.39E+03		4.39E+03	1.00	6.80	21.60					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T09-B	1	8.37E+03		8.37E+03	1.86	6.80	21.60					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T01-C	1	9.47E+03		9.47E+03	0.82	6.80	21.60					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T02-C	1	1.32E+04		1.32E+04	1.74	6.80	21.60					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T03-C	1	6.82E+03		6.82E+03	1.67	6.80	21.60	10000	1000	7.75E+03	93%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T04-C	1	2.19E+04		2.19E+04	1.62	6.80	21.60					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T05-C	1	1.31E+04		1.31E+04	1.29	6.80	21.60					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T06-C	1	1.70E+04		1.70E+04	1.69	6.80	21.60					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T07-C	1	1.08E+04		1.08E+04	0.28	6.80	21.60					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T08-C	1	4.61E+03		4.61E+03	1.85	6.80	21.60					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-T09-C	1	9.56E+03		9.56E+03	2.65	6.80	21.60					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-M01-A	1	3.95E+01		3.95E+01	1.68	6.80	21.60					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-M02-A	1	3.82E+01		3.82E+01	5.58	6.80	21.60					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-M03-A	1	3.26E+01		3.26E+01	5.35	6.80	21.60					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-M04-A	1	2.46E+01		2.46E+01	1.68	6.80	21.60					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-M05-A	1	2.61E+01		2.61E+01	5.72	6.80	21.60					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-M06-A	1	2.69E+01		2.69E+01	1.13	6.80	21.60					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-M07-A	1	2.55E+01		2.55E+01	7.73	6.80	21.60					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-M08-A	1	2.05E+01	E	2.05E+01	9.03	6.80	21.60					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
S	SWA-L05-1315-M09-A	1	2.15E+01	E	2.15E+01	3.12	6.80	21.60					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	SWA-L05-1315-T01-A	1	2.30E+00	U1/2	2.30E+00	25.79	4.60	14.60					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T02-A	1	2.30E+00	U1/2	2.30E+00	12.65	4.60	14.60					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T03-A	1	2.30E+00	U1/2	2.30E+00	45.48	4.60	14.60	10000	1000	8.88E+02	89%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T04-A	1	2.30E+00	U1/2	2.30E+00	63.09	4.60	14.60					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T05-A	1	2.30E+00	U1/2	2.30E+00	18.84	4.60	14.60					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T06-A	1	2.30E+00	U1/2	2.30E+00	67.00	4.60	14.60					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T07-A	1	2.30E+00	U1/2	2.30E+00	14.21	4.60	14.60					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T08-A	1	2.30E+00	U1/2	2.30E+00	85.23	4.60	14.60					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T09-A	1	2.30E+00	U1/2	2.30E+00	44.28	4.60	14.60					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T01-B	1	2.30E+00	U1/2	2.30E+00	25.66	4.60	14.60					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T02-B	1	2.30E+00	U1/2	2.30E+00	41.80	4.60	14.60					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T03-B	1	2.30E+00	U1/2	2.30E+00	42.58	4.60	14.60	10000	1000	8.93E+02	89%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T04-B	1	2.30E+00	U1/2	2.30E+00	72.34	4.60	14.60					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T05-B	1	2.30E+00	U1/2	2.30E+00	33.42	4.60	14.60					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T06-B	1	2.30E+00	U1/2	2.30E+00	72.35	4.60	14.60					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T07-B	1	2.30E+00	U1/2	2.30E+00	46.65	4.60	14.60					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T08-B	1	2.30E+00	U1/2	2.30E+00	41.38	4.60	14.60					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T09-B	1	2.30E+00	U1/2	2.30E+00	20.71	4.60	14.60					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T01-C	1	2.30E+00	U1/2	2.30E+00	6.60	4.60	14.60					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T02-C	1	2.30E+00	U1/2	2.30E+00	42.79	4.60	14.60					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T03-C	1	2.30E+00	U1/2	2.30E+00	54.56	4.60	14.60	10000	1000	9.13E+02	91%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T04-C	1	2.30E+00	U1/2	2.30E+00	81.31	4.60	14.60					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T05-C	1	2.30E+00	U1/2	2.30E+00	26.20	4.60	14.60					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T06-C	1	2.30E+00	U1/2	2.30E+00	26.72	4.60	14.60					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T07-C	1	2.30E+00	U1/2	2.30E+00	38.74	4.60	14.60					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T08-C	1	2.30E+00	U1/2	2.30E+00	77.89	4.60	14.60					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-T09-C	1	2.30E+00	U1/2	2.30E+00	83.14	4.60	14.60					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	70.13	4.60	14.60					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	6.64	4.60	14.60					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	12.01	4.60	14.60					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	54.67	4.60	14.60					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	74.55	4.60	14.60					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	48.44	4.60	14.60					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	68.67	4.60	14.60					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	13.19	4.60	14.60					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Tl	SWA-L05-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	62.36	4.60	14.60					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	SWA-L05-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	6.11	2.00	6.40					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	26.72	2.00	6.40					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	10.69	2.00	6.40	10000	1000	9.34E+02	93%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	25.28	2.00	6.40					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	13.85	2.00	6.40					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	18.60	2.00	6.40					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	26.34	2.00	6.40					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	14.54	2.00	6.40					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	12.56	2.00	6.40					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	12.93	2.00	6.40					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	38.61	2.00	6.40					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	27.32	2.00	6.40	10000	1000	9.48E+02	95%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	25.81	2.00	6.40					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	12.42	2.00	6.40					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	14.98	2.00	6.40					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	24.21	2.00	6.40					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	24.19	2.00	6.40					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	13.81	2.00	6.40					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	5.55	2.00	6.40					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	13.77	2.00	6.40					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	16.81	2.00	6.40	10000	1000	9.75E+02	97%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	18.56	2.00	6.40					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	40.52	2.00	6.40					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	20.24	2.00	6.40					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	21.87	2.00	6.40					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	21.90	2.00	6.40					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	8.38	2.00	6.40					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	1.73	2.00	6.40					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	23.33	2.00	6.40					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	14.62	2.00	6.40					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	9.72	2.00	6.40					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	9.08	2.00	6.40					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	29.92	2.00	6.40					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	6.08	2.00	6.40					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	17.57	2.00	6.40					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Ti	SWA-L05-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	30.68	2.00	6.40					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	SWA-L05-1315-T01-A	1	1.10E+01		1.10E+01	1.19	1.50	4.77					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T02-A	1	1.89E+01		1.89E+01	11.67	1.50	4.77					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T03-A	1	6.03E+00		6.03E+00	1.96	1.50	4.77	10000	1000	9.14E+02	91%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T04-A	1	2.25E+01		2.25E+01	8.13	1.50	4.77					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T05-A	1	1.71E+01		1.71E+01	6.78	1.50	4.77					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T06-A	1	1.99E+01		1.99E+01	3.78	1.50	4.77					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T07-A	1	1.58E+01		1.58E+01	2.68	1.50	4.77					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T08-A	1	9.27E+00		9.27E+00	5.15	1.50	4.77					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T09-A	1	1.46E+01		1.46E+01	8.33	1.50	4.77					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T01-B	1	1.24E+01		1.24E+01	0.71	1.50	4.77					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T02-B	1	1.83E+01		1.83E+01	1.40	1.50	4.77					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T03-B	1	6.07E+00		6.07E+00	9.76	1.50	4.77	10000	1000	9.36E+02	93%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T04-B	1	2.19E+01		2.19E+01	3.76	1.50	4.77					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T05-B	1	1.83E+01		1.83E+01	5.82	1.50	4.77					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T06-B	1	2.10E+01		2.10E+01	7.51	1.50	4.77					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T07-B	1	1.70E+01		1.70E+01	5.03	1.50	4.77					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T08-B	1	1.01E+01		1.01E+01	8.66	1.50	4.77					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T09-B	1	1.59E+01		1.59E+01	4.47	1.50	4.77					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T01-C	1	1.40E+01		1.40E+01	3.49	1.50	4.77					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T02-C	1	1.56E+01		1.56E+01	2.32	1.50	4.77					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T03-C	1	7.63E+00		7.63E+00	1.02	1.50	4.77	10000	1000	9.57E+02	95%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T04-C	1	2.20E+01		2.20E+01	1.88	1.50	4.77					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T05-C	1	1.88E+01		1.88E+01	6.64	1.50	4.77					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T06-C	1	2.03E+01		2.03E+01	3.95	1.50	4.77					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T07-C	1	1.73E+01		1.73E+01	4.56	1.50	4.77					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T08-C	1	9.74E+00		9.74E+00	2.85	1.50	4.77					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-T09-C	1	1.56E+01		1.56E+01	5.84	1.50	4.77					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	52.92	1.50	4.77					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	34.27	1.50	4.77					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	46.39	1.50	4.77					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	41.93	1.50	4.77					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	44.24	1.50	4.77					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	37.29	1.50	4.77					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	33.47	1.50	4.77					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	54.79	1.50	4.77					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
V	SWA-L05-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	14.56	1.50	4.77					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	SWA-L05-1315-T01-A	1	2.68E+00	E	2.68E+00	7.88	1.00	3.18					VU ICP-OES	11/16/11 3:17 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T02-A	1	2.87E+00	E	2.87E+00	12.65	1.00	3.18					VU ICP-OES	11/16/11 3:19 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T03-A	1	2.82E+00	E	2.82E+00	2.53	1.00	3.18	10000	1000	9.20E+02	92%	VU ICP-OES	11/16/11 3:21 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T04-A	1	2.11E+00	E	2.11E+00	5.52	1.00	3.18					VU ICP-OES	11/16/11 3:22 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T05-A	1	1.98E+00	E	1.98E+00	3.09	1.00	3.18					VU ICP-OES	11/16/11 3:24 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T06-A	1	5.00E-01	U1/2	5.00E-01	14.10	1.00	3.18					VU ICP-OES	11/16/11 3:26 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T07-A	1	5.00E-01	U1/2	5.00E-01	3.21	1.00	3.18					VU ICP-OES	11/16/11 3:27 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T08-A	1	5.00E-01	U1/2	5.00E-01	7.36	1.00	3.18					VU ICP-OES	11/16/11 3:29 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T09-A	1	1.12E+00	E	1.12E+00	11.47	1.00	3.18					VU ICP-OES	11/16/11 3:31 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T01-B	1	3.82E+00		3.82E+00	2.18	1.00	3.18					VU ICP-OES	11/16/11 3:39 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T02-B	1	2.88E+00	E	2.88E+00	3.13	1.00	3.18					VU ICP-OES	11/16/11 3:40 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T03-B	1	3.14E+00	E	3.14E+00	6.22	1.00	3.18	10000	1000	9.36E+02	93%	VU ICP-OES	11/16/11 3:42 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T04-B	1	2.19E+00	E	2.19E+00	11.19	1.00	3.18					VU ICP-OES	11/16/11 3:44 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T05-B	1	2.19E+00	E	2.19E+00	6.54	1.00	3.18					VU ICP-OES	11/16/11 3:45 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T06-B	1	5.00E-01	U1/2	5.00E-01	3.92	1.00	3.18					VU ICP-OES	11/16/11 3:47 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T07-B	1	5.00E-01	U1/2	5.00E-01	11.83	1.00	3.18					VU ICP-OES	11/16/11 3:49 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T08-B	1	5.00E-01	U1/2	5.00E-01	12.51	1.00	3.18					VU ICP-OES	11/16/11 3:50 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T09-B	1	1.50E+00	E	1.50E+00	8.16	1.00	3.18					VU ICP-OES	11/16/11 3:52 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T01-C	1	3.42E+00		3.42E+00	4.73	1.00	3.18					VU ICP-OES	11/16/11 3:54 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T02-C	1	2.93E+00	E	2.93E+00	5.45	1.00	3.18					VU ICP-OES	11/16/11 3:55 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T03-C	1	2.55E+00	E	2.55E+00	4.79	1.00	3.18	10000	1000	9.58E+02	96%	VU ICP-OES	11/16/11 3:57 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T04-C	1	2.80E+00	E	2.80E+00	2.85	1.00	3.18					VU ICP-OES	11/16/11 3:58 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T05-C	1	2.38E+00	E	2.38E+00	12.04	1.00	3.18					VU ICP-OES	11/16/11 4:00 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T06-C	1	5.00E-01	U1/2	5.00E-01	14.48	1.00	3.18					VU ICP-OES	11/16/11 4:02 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T07-C	1	5.00E-01	U1/2	5.00E-01	5.97	1.00	3.18					VU ICP-OES	11/16/11 4:03 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T08-C	1	5.00E-01	U1/2	5.00E-01	0.94	1.00	3.18					VU ICP-OES	11/16/11 4:05 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-T09-C	1	1.62E+00	E	1.62E+00	2.60	1.00	3.18					VU ICP-OES	11/16/11 4:07 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	5.78	1.00	3.18					VU ICP-OES	11/16/11 3:03 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	2.46	1.00	3.18					VU ICP-OES	11/16/11 3:04 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	3.90	1.00	3.18					VU ICP-OES	11/16/11 3:06 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	8.00	1.00	3.18					VU ICP-OES	11/16/11 3:07 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	6.96	1.00	3.18					VU ICP-OES	11/16/11 3:09 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	1.38	1.00	3.18					VU ICP-OES	11/16/11 3:11 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	4.23	1.00	3.18					VU ICP-OES	11/16/11 3:12 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	3.99	1.00	3.18					VU ICP-OES	11/16/11 3:14 PM	EPA Interlab L05 1315 SWA
Zn	SWA-L05-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	17.52	1.00	3.18					VU ICP-OES	11/16/11 3:16 PM	EPA Interlab L05 1315 SWA

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	SWA-L06-1315-T01-A	1	1.00E+03		1.00E+03	1.82	1.00	3.18					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T02-A	1	4.49E+03		4.49E+03	1.08	1.00	3.18					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T03-A	1	2.58E+03		2.58E+03	1.07	1.00	3.18	10000	1000	3.51E+03	93%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T04-A	1	5.79E+03		5.79E+03	1.23	1.00	3.18					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T05-A	1	4.99E+03		4.99E+03	2.49	1.00	3.18					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T06-A	1	5.77E+03		5.77E+03	1.79	1.00	3.18					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T07-A	1	4.53E+03		4.53E+03	0.40	1.00	3.18					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T08-A	1	2.81E+03		2.81E+03	0.90	1.00	3.18					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T09-A	1	3.69E+03		3.69E+03	0.76	1.00	3.18					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T01-B	1	9.15E+02		9.15E+02	2.82	1.00	3.18					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T02-B	1	3.77E+03		3.77E+03	0.54	1.00	3.18					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T03-B	1	2.60E+03		2.60E+03	1.03	1.00	3.18	10000	1000	3.47E+03	87%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T04-B	1	5.55E+03		5.55E+03	0.77	1.00	3.18					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T05-B	1	4.91E+03		4.91E+03	0.34	1.00	3.18					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T06-B	1	5.69E+03		5.69E+03	0.19	1.00	3.18					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T07-B	1	4.69E+03		4.69E+03	0.70	1.00	3.18					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T08-B	1	2.69E+03		2.69E+03	1.01	1.00	3.18					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T09-B	1	3.52E+03		3.52E+03	0.77	1.00	3.18					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T01-C	1	8.77E+02		8.77E+02	2.58	1.00	3.18					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T02-C	1	3.78E+03		3.78E+03	0.95	1.00	3.18					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T03-C	1	2.53E+03		2.53E+03	1.47	1.00	3.18	10000	1000	3.46E+03	93%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T04-C	1	6.44E+03		6.44E+03	1.21	1.00	3.18					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T05-C	1	5.20E+03		5.20E+03	0.62	1.00	3.18					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T06-C	1	6.15E+03		6.15E+03	1.28	1.00	3.18					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T07-C	1	4.38E+03		4.38E+03	1.92	1.00	3.18					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T08-C	1	2.84E+03		2.84E+03	2.73	1.00	3.18					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-T09-C	1	3.81E+03		3.81E+03	1.23	1.00	3.18					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	8.90	1.00	3.18					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	13.97	1.00	3.18					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	3.40	1.00	3.18					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	6.83	1.00	3.18					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	12.04	1.00	3.18					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	12.20	1.00	3.18					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	11.25	1.00	3.18					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	3.63	1.00	3.18					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Al	SWA-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	6.37	1.00	3.18					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	SWA-L06-1315-T01-A	1	1.73E+02		1.73E+02	1.97	7.50	23.90					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T02-A	1	4.51E+02		4.51E+02	0.79	7.50	23.90					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T03-A	1	2.02E+02		2.02E+02	3.94	7.50	23.90	10000	1000	1.22E+03	101%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T04-A	1	4.67E+02		4.67E+02	2.39	7.50	23.90					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T05-A	1	3.78E+02		3.78E+02	2.98	7.50	23.90					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T06-A	1	4.30E+02		4.30E+02	1.94	7.50	23.90					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T07-A	1	3.17E+02		3.17E+02	1.92	7.50	23.90					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T08-A	1	1.98E+02		1.98E+02	1.06	7.50	23.90					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T09-A	1	2.48E+02		2.48E+02	2.58	7.50	23.90					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T01-B	1	1.89E+02		1.89E+02	6.28	7.50	23.90					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T02-B	1	4.11E+02		4.11E+02	1.87	7.50	23.90					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T03-B	1	2.05E+02		2.05E+02	3.65	7.50	23.90	10000	1000	1.18E+03	97%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T04-B	1	4.65E+02		4.65E+02	1.28	7.50	23.90					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T05-B	1	3.81E+02		3.81E+02	2.74	7.50	23.90					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T06-B	1	4.35E+02		4.35E+02	2.95	7.50	23.90					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T07-B	1	3.71E+02		3.71E+02	5.44	7.50	23.90					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T08-B	1	1.86E+02		1.86E+02	1.65	7.50	23.90					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T09-B	1	2.49E+02		2.49E+02	2.45	7.50	23.90					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T01-C	1	1.77E+02		1.77E+02	0.94	7.50	23.90					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T02-C	1	5.38E+02		5.38E+02	3.61	7.50	23.90					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T03-C	1	2.90E+02		2.90E+02	2.38	7.50	23.90	10000	1000	1.28E+03	99%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T04-C	1	6.97E+02		6.97E+02	0.69	7.50	23.90					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T05-C	1	4.93E+02		4.93E+02	2.24	7.50	23.90					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T06-C	1	5.40E+02		5.40E+02	0.77	7.50	23.90					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T07-C	1	3.11E+02		3.11E+02	4.06	7.50	23.90					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T08-C	1	2.11E+02		2.11E+02	9.75	7.50	23.90					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-T09-C	1	2.78E+02		2.78E+02	2.12	7.50	23.90					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	11.79	7.50	23.90					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	11.90	7.50	23.90					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	14.81	7.50	23.90					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	38.79	7.50	23.90					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	85.85	7.50	23.90					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	33.90	7.50	23.90					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	20.12	7.50	23.90					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	82.16	7.50	23.90					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Sb	SWA-L06-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	44.82	7.50	23.90					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	SWA-L06-1315-T01-A	1	1.84E+02		1.84E+02	8.92	11.00	35.00					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T02-A	1	1.65E+02		1.65E+02	0.65	11.00	35.00					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T03-A	1	7.44E+01		7.44E+01	4.74	11.00	35.00	10000	1000	1.17E+03	110%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T04-A	1	1.68E+02		1.68E+02	4.68	11.00	35.00					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T05-A	1	1.33E+02		1.33E+02	2.65	11.00	35.00					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T06-A	1	1.49E+02		1.49E+02	1.21	11.00	35.00					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T07-A	1	9.91E+01		9.91E+01	3.56	11.00	35.00					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T08-A	1	6.95E+01		6.95E+01	10.44	11.00	35.00					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T09-A	1	8.25E+01		8.25E+01	9.65	11.00	35.00					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T01-B	1	2.02E+02		2.02E+02	5.04	11.00	35.00					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T02-B	1	1.62E+02		1.62E+02	2.47	11.00	35.00					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T03-B	1	8.25E+01		8.25E+01	10.76	11.00	35.00	10000	1000	1.15E+03	107%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T04-B	1	1.87E+02		1.87E+02	5.59	11.00	35.00					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T05-B	1	1.40E+02		1.40E+02	6.43	11.00	35.00					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T06-B	1	1.51E+02		1.51E+02	3.59	11.00	35.00					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T07-B	1	1.16E+02		1.16E+02	5.54	11.00	35.00					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T08-B	1	6.03E+01		6.03E+01	5.13	11.00	35.00					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T09-B	1	8.07E+01		8.07E+01	4.46	11.00	35.00					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T01-C	1	1.89E+02		1.89E+02	1.24	11.00	35.00					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T02-C	1	2.57E+02		2.57E+02	3.08	11.00	35.00					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T03-C	1	1.59E+02		1.59E+02	3.34	11.00	35.00	10000	1000	1.25E+03	109%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T04-C	1	3.48E+02		3.48E+02	3.07	11.00	35.00					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T05-C	1	2.01E+02		2.01E+02	3.28	11.00	35.00					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T06-C	1	1.89E+02		1.89E+02	2.89	11.00	35.00					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T07-C	1	9.24E+01		9.24E+01	6.67	11.00	35.00					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T08-C	1	7.20E+01		7.20E+01	0.80	11.00	35.00					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-T09-C	1	9.79E+01		9.79E+01	2.08	11.00	35.00					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	14.67	11.00	35.00					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	33.06	11.00	35.00					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	6.59	11.00	35.00					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	46.01	11.00	35.00					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	11.90	11.00	35.00					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	25.74	11.00	35.00					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	24.98	11.00	35.00					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	18.25	11.00	35.00					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
As	SWA-L06-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	48.02	11.00	35.00					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	SWA-L06-1315-T01-A	1	4.41E+01		4.41E+01	3.54	1.00	3.18					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T02-A	1	6.87E+01		6.87E+01	3.32	1.00	3.18					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T03-A	1	3.47E+01		3.47E+01	2.14	1.00	3.18	10000	1000	1.04E+03	100%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T04-A	1	7.36E+01		7.36E+01	0.92	1.00	3.18					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T05-A	1	6.21E+01		6.21E+01	2.38	1.00	3.18					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T06-A	1	7.57E+01		7.57E+01	2.11	1.00	3.18					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T07-A	1	5.76E+01		5.76E+01	1.81	1.00	3.18					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T08-A	1	3.81E+01		3.81E+01	1.27	1.00	3.18					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T09-A	1	5.20E+01		5.20E+01	2.68	1.00	3.18					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T01-B	1	5.48E+01		5.48E+01	3.68	1.00	3.18					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T02-B	1	6.29E+01		6.29E+01	4.43	1.00	3.18					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T03-B	1	3.37E+01		3.37E+01	2.45	1.00	3.18	10000	1000	1.03E+03	100%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T04-B	1	6.80E+01		6.80E+01	1.33	1.00	3.18					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T05-B	1	6.04E+01		6.04E+01	3.05	1.00	3.18					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T06-B	1	7.53E+01		7.53E+01	3.65	1.00	3.18					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T07-B	1	5.56E+01		5.56E+01	3.60	1.00	3.18					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T08-B	1	3.62E+01		3.62E+01	0.51	1.00	3.18					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T09-B	1	4.94E+01		4.94E+01	2.44	1.00	3.18					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T01-C	1	4.79E+01		4.79E+01	4.53	1.00	3.18					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T02-C	1	6.78E+01		6.78E+01	1.73	1.00	3.18					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T03-C	1	3.46E+01		3.46E+01	3.14	1.00	3.18	10000	1000	1.04E+03	100%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T04-C	1	7.66E+01		7.66E+01	1.71	1.00	3.18					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T05-C	1	5.84E+01		5.84E+01	1.15	1.00	3.18					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T06-C	1	7.59E+01		7.59E+01	1.86	1.00	3.18					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T07-C	1	5.59E+01		5.59E+01	1.34	1.00	3.18					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T08-C	1	3.54E+01		3.54E+01	1.95	1.00	3.18					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-T09-C	1	4.60E+01		4.60E+01	1.96	1.00	3.18					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	1.91	1.00	3.18					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	2.31	1.00	3.18					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	13.11	1.00	3.18					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	6.34	1.00	3.18					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.95	1.00	3.18					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	2.80	1.00	3.18					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.25	1.00	3.18					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.57	1.00	3.18					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
B	SWA-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	1.68	1.00	3.18					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	SWA-L06-1315-T01-A	1	3.98E+01		3.98E+01	0.63	1.00	3.18					VU ICP-OES	1/25/12 1:09 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T02-A	1	1.80E+02		1.80E+02	0.47	1.00	3.18					VU ICP-OES	1/25/12 1:10 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T03-A	1	2.45E+02		2.45E+02	1.04	1.00	3.18	10000	1000	1.29E+03	104%	VU ICP-OES	1/25/12 1:12 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T04-A	1	3.68E+02		3.68E+02	1.08	1.00	3.18					VU ICP-OES	1/25/12 1:14 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T05-A	1	4.43E+02		4.43E+02	1.20	1.00	3.18					VU ICP-OES	1/25/12 1:15 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T06-A	1	4.87E+02		4.87E+02	2.09	1.00	3.18					VU ICP-OES	1/25/12 1:17 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T07-A	1	5.98E+02		5.98E+02	0.65	1.00	3.18					VU ICP-OES	1/25/12 1:19 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T08-A	1	5.80E+02		5.80E+02	0.83	1.00	3.18					VU ICP-OES	1/25/12 1:20 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T09-A	1	5.57E+02		5.57E+02	1.78	1.00	3.18					VU ICP-OES	1/25/12 1:22 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T01-B	1	2.37E+01		2.37E+01	3.40	1.00	3.18					VU ICP-OES	1/25/12 1:24 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T02-B	1	1.63E+02		1.63E+02	1.05	1.00	3.18					VU ICP-OES	1/25/12 1:25 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T03-B	1	2.54E+02		2.54E+02	1.84	1.00	3.18	10000	1000	1.29E+03	104%	VU ICP-OES	1/25/12 1:27 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T04-B	1	3.66E+02		3.66E+02	0.94	1.00	3.18					VU ICP-OES	1/25/12 1:29 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T05-B	1	4.42E+02		4.42E+02	0.40	1.00	3.18					VU ICP-OES	1/25/12 1:30 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T06-B	1	4.87E+02		4.87E+02	0.66	1.00	3.18					VU ICP-OES	1/25/12 1:32 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T07-B	1	5.94E+02		5.94E+02	1.13	1.00	3.18					VU ICP-OES	1/25/12 1:34 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T08-B	1	5.86E+02		5.86E+02	1.24	1.00	3.18					VU ICP-OES	1/25/12 1:35 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T09-B	1	5.49E+02		5.49E+02	0.87	1.00	3.18					VU ICP-OES	1/25/12 1:37 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T01-C	1	2.69E+01		2.69E+01	1.28	1.00	3.18					VU ICP-OES	1/25/12 1:39 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T02-C	1	1.28E+02		1.28E+02	1.16	1.00	3.18					VU ICP-OES	1/25/12 1:40 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T03-C	1	2.54E+02		2.54E+02	1.09	1.00	3.18	10000	1000	1.27E+03	102%	VU ICP-OES	1/25/12 1:42 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T04-C	1	3.61E+02		3.61E+02	1.17	1.00	3.18					VU ICP-OES	1/25/12 1:44 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T05-C	1	4.44E+02		4.44E+02	0.70	1.00	3.18					VU ICP-OES	1/25/12 1:45 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T06-C	1	4.87E+02		4.87E+02	0.90	1.00	3.18					VU ICP-OES	1/25/12 1:47 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T07-C	1	5.93E+02		5.93E+02	2.44	1.00	3.18					VU ICP-OES	1/25/12 1:49 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T08-C	1	5.88E+02		5.88E+02	1.74	1.00	3.18					VU ICP-OES	1/25/12 1:50 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-T09-C	1	5.48E+02		5.48E+02	1.20	1.00	3.18					VU ICP-OES	1/25/12 1:52 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	7.32	1.00	3.18					VU ICP-OES	1/25/12 12:53 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	7.34	1.00	3.18					VU ICP-OES	1/25/12 12:55 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	7.96	1.00	3.18					VU ICP-OES	1/25/12 12:56 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	7.67	1.00	3.18					VU ICP-OES	1/25/12 12:58 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	10.03	1.00	3.18					VU ICP-OES	1/25/12 12:59 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	12.71	1.00	3.18					VU ICP-OES	1/25/12 1:02 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	9.62	1.00	3.18					VU ICP-OES	1/25/12 1:04 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	13.10	1.00	3.18					VU ICP-OES	1/25/12 1:05 PM	EPA Interlab L06 1315 SWA
Ba	SWA-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	5.60	1.00	3.18					VU ICP-OES	1/25/12 1:07 PM	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	SWA-L06-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	44.62	1.90	6.00					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	18.15	1.90	6.00					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	10.73	1.90	6.00	10000	1000	1.01E+03	101%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	10.75	1.90	6.00					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	65.32	1.90	6.00					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	24.24	1.90	6.00					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	12.62	1.90	6.00					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	53.57	1.90	6.00					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	74.02	1.90	6.00					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	11.77	1.90	6.00					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	41.99	1.90	6.00					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	36.46	1.90	6.00	10000	1000	1.00E+03	100%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	59.22	1.90	6.00					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	36.93	1.90	6.00					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	10.19	1.90	6.00					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	63.76	1.90	6.00					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	31.13	1.90	6.00					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	25.28	1.90	6.00					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	14.85	1.90	6.00					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	22.47	1.90	6.00					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	22.02	1.90	6.00	10000	1000	1.00E+03	100%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	27.80	1.90	6.00					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	25.82	1.90	6.00					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	33.02	1.90	6.00					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	36.51	1.90	6.00					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	14.28	1.90	6.00					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	20.67	1.90	6.00					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	41.48	1.90	6.00					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	51.37	1.90	6.00					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	12.75	1.90	6.00					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	28.55	1.90	6.00					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	28.98	1.90	6.00					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	18.35	1.90	6.00					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	35.90	1.90	6.00					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	41.37	1.90	6.00					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Be	SWA-L06-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	35.13	1.90	6.00					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	SWA-L06-1315-T01-A	1	1.10E+00	U1/2	1.10E+00	20.38	2.20	7.00					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T02-A	1	1.10E+00	U1/2	1.10E+00	45.35	2.20	7.00					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T03-A	1	1.10E+00	U1/2	1.10E+00	53.73	2.20	7.00	10000	1000	1.00E+03	100%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T04-A	1	1.10E+00	U1/2	1.10E+00	69.63	2.20	7.00					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T05-A	1	1.10E+00	U1/2	1.10E+00	48.06	2.20	7.00					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T06-A	1	1.10E+00	U1/2	1.10E+00	34.89	2.20	7.00					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T07-A	1	1.10E+00	U1/2	1.10E+00	31.31	2.20	7.00					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T08-A	1	1.10E+00	U1/2	1.10E+00	44.69	2.20	7.00					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T09-A	1	1.10E+00	U1/2	1.10E+00	19.88	2.20	7.00					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T01-B	1	1.10E+00	U1/2	1.10E+00	12.98	2.20	7.00					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T02-B	1	1.10E+00	U1/2	1.10E+00	53.36	2.20	7.00					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T03-B	1	1.10E+00	U1/2	1.10E+00	20.82	2.20	7.00	10000	1000	9.95E+02	99%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T04-B	1	1.10E+00	U1/2	1.10E+00	12.96	2.20	7.00					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T05-B	1	1.10E+00	U1/2	1.10E+00	10.01	2.20	7.00					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T06-B	1	1.10E+00	U1/2	1.10E+00	18.45	2.20	7.00					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T07-B	1	1.10E+00	U1/2	1.10E+00	15.26	2.20	7.00					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T08-B	1	1.10E+00	U1/2	1.10E+00	88.67	2.20	7.00					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T09-B	1	1.10E+00	U1/2	1.10E+00	20.86	2.20	7.00					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T01-C	1	1.10E+00	U1/2	1.10E+00	39.35	2.20	7.00					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T02-C	1	1.10E+00	U1/2	1.10E+00	70.48	2.20	7.00					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T03-C	1	1.10E+00	U1/2	1.10E+00	33.63	2.20	7.00	10000	1000	9.95E+02	99%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T04-C	1	1.10E+00	U1/2	1.10E+00	17.37	2.20	7.00					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T05-C	1	1.10E+00	U1/2	1.10E+00	77.61	2.20	7.00					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T06-C	1	1.10E+00	U1/2	1.10E+00	16.57	2.20	7.00					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T07-C	1	1.10E+00	U1/2	1.10E+00	57.67	2.20	7.00					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T08-C	1	1.10E+00	U1/2	1.10E+00	37.15	2.20	7.00					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-T09-C	1	1.10E+00	U1/2	1.10E+00	15.10	2.20	7.00					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	17.42	2.20	7.00					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	60.51	2.20	7.00					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	58.12	2.20	7.00					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	29.62	2.20	7.00					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	36.64	2.20	7.00					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	19.74	2.20	7.00					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	39.06	2.20	7.00					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	22.35	2.20	7.00					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Cd	SWA-L06-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	17.20	2.20	7.00					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	SWA-L06-1315-T01-A	1	9.03E+02		9.03E+02	1.26	2.60	8.30					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T02-A	1	1.10E+04		1.10E+04	0.82	2.60	8.30					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T03-A	1	1.23E+04		1.23E+04	0.87	2.60	8.30	10000	1000	1.32E+04	89%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T04-A	1	2.34E+04		2.34E+04	1.15	2.60	8.30					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T05-A	1	2.58E+04		2.58E+04	1.98	2.60	8.30					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T06-A	1	2.89E+04		2.89E+04	1.74	2.60	8.30					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T07-A	1	2.65E+04		2.65E+04	0.68	2.60	8.30					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T08-A	1	2.34E+04		2.34E+04	1.20	2.60	8.30					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T09-A	1	2.46E+04		2.46E+04	1.24	2.60	8.30					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T01-B	1	8.85E+02		8.85E+02	6.45	2.60	8.30					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T02-B	1	9.00E+03		9.00E+03	0.71	2.60	8.30					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T03-B	1	1.16E+04		1.16E+04	1.28	2.60	8.30	10000	1000	1.25E+04	91%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T04-B	1	2.17E+04		2.17E+04	1.05	2.60	8.30					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T05-B	1	2.43E+04		2.43E+04	0.40	2.60	8.30					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T06-B	1	2.71E+04		2.71E+04	0.65	2.60	8.30					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T07-B	1	2.44E+04		2.44E+04	1.27	2.60	8.30					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T08-B	1	2.09E+04		2.09E+04	1.35	2.60	8.30					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T09-B	1	2.23E+04		2.23E+04	0.88	2.60	8.30					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T01-C	1	1.03E+03		1.03E+03	1.63	2.60	8.30					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T02-C	1	9.33E+03		9.33E+03	1.28	2.60	8.30					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T03-C	1	1.08E+04		1.08E+04	0.97	2.60	8.30	10000	1000	1.18E+04	92%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T04-C	1	2.11E+04		2.11E+04	0.94	2.60	8.30					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T05-C	1	2.39E+04		2.39E+04	1.22	2.60	8.30					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T06-C	1	2.57E+04		2.57E+04	1.10	2.60	8.30					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T07-C	1	2.52E+04		2.52E+04	2.31	2.60	8.30					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T08-C	1	2.22E+04		2.22E+04	2.04	2.60	8.30					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-T09-C	1	2.24E+04		2.24E+04	0.94	2.60	8.30					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-M01-A	1	7.45E+01		7.45E+01	5.33	2.60	8.30					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-M02-A	1	1.10E+02		1.10E+02	5.48	2.60	8.30					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-M03-A	1	7.12E+01		7.12E+01	2.18	2.60	8.30					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-M04-A	1	1.28E+02		1.28E+02	4.59	2.60	8.30					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-M05-A	1	1.11E+02		1.11E+02	8.16	2.60	8.30					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-M06-A	1	1.48E+02		1.48E+02	4.40	2.60	8.30					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-M07-A	1	1.41E+02		1.41E+02	3.32	2.60	8.30					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-M08-A	1	3.48E+01		3.48E+01	3.60	2.60	8.30					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Ca	SWA-L06-1315-M09-A	1	1.52E+02		1.52E+02	2.37	2.60	8.30					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	SWA-L06-1315-T01-A	1	3.85E+01		3.85E+01	3.61	1.20	3.82					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T02-A	1	6.67E+01		6.67E+01	0.91	1.20	3.82					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T03-A	1	2.48E+01		2.48E+01	0.94	1.20	3.82	10000	1000	1.07E+03	104%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T04-A	1	5.07E+01		5.07E+01	1.62	1.20	3.82					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T05-A	1	4.73E+01		4.73E+01	1.96	1.20	3.82					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T06-A	1	5.65E+01		5.65E+01	2.31	1.20	3.82					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T07-A	1	4.77E+01		4.77E+01	0.69	1.20	3.82					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T08-A	1	2.96E+01		2.96E+01	2.38	1.20	3.82					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T09-A	1	4.14E+01		4.14E+01	1.85	1.20	3.82					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T01-B	1	4.57E+01		4.57E+01	4.25	1.20	3.82					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T02-B	1	6.10E+01		6.10E+01	0.90	1.20	3.82					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T03-B	1	2.45E+01		2.45E+01	3.39	1.20	3.82	10000	1000	1.05E+03	103%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T04-B	1	4.56E+01		4.56E+01	2.21	1.20	3.82					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T05-B	1	4.04E+01		4.04E+01	0.72	1.20	3.82					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T06-B	1	5.06E+01		5.06E+01	0.65	1.20	3.82					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T07-B	1	4.11E+01		4.11E+01	2.64	1.20	3.82					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T08-B	1	2.63E+01		2.63E+01	1.65	1.20	3.82					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T09-B	1	3.78E+01		3.78E+01	2.41	1.20	3.82					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T01-C	1	4.00E+01		4.00E+01	3.46	1.20	3.82					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T02-C	1	5.78E+01		5.78E+01	2.34	1.20	3.82					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T03-C	1	2.15E+01		2.15E+01	2.37	1.20	3.82	10000	1000	1.05E+03	103%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T04-C	1	4.20E+01		4.20E+01	2.76	1.20	3.82					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T05-C	1	3.94E+01		3.94E+01	2.29	1.20	3.82					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T06-C	1	4.83E+01		4.83E+01	2.47	1.20	3.82					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T07-C	1	4.25E+01		4.25E+01	3.43	1.20	3.82					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T08-C	1	2.61E+01		2.61E+01	2.08	1.20	3.82					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-T09-C	1	3.82E+01		3.82E+01	1.16	1.20	3.82					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	43.94	1.20	3.82					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	12.10	1.20	3.82					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	36.33	1.20	3.82					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	22.46	1.20	3.82					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	36.57	1.20	3.82					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	11.29	1.20	3.82					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	15.61	1.20	3.82					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	26.51	1.20	3.82					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Cr	SWA-L06-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	42.20	1.20	3.82					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	SWA-L06-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	52.53	1.80	5.72					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	34.43	1.80	5.72					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	41.97	1.80	5.72	10000	1000	9.98E+02	100%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	10.66	1.80	5.72					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	53.08	1.80	5.72					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	16.18	1.80	5.72					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	90.97	1.80	5.72					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	53.76	1.80	5.72					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	84.80	1.80	5.72					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	64.08	1.80	5.72					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	84.22	1.80	5.72					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	15.47	1.80	5.72	10000	1000	9.92E+02	99%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	59.65	1.80	5.72					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	49.19	1.80	5.72					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	14.97	1.80	5.72					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	45.15	1.80	5.72					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	39.96	1.80	5.72					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	46.30	1.80	5.72					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	12.64	1.80	5.72					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	13.18	1.80	5.72					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	25.87	1.80	5.72	10000	1000	9.88E+02	99%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	10.50	1.80	5.72					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	32.77	1.80	5.72					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	59.96	1.80	5.72					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	18.60	1.80	5.72					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	19.62	1.80	5.72					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	40.58	1.80	5.72					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	11.60	1.80	5.72					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	12.62	1.80	5.72					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	89.02	1.80	5.72					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	55.97	1.80	5.72					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	15.54	1.80	5.72					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	48.87	1.80	5.72					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	76.91	1.80	5.72					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	13.26	1.80	5.72					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Co	SWA-L06-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	35.32	1.80	5.72					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	SWA-L06-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	37.83	3.70	11.80					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	18.93	3.70	11.80					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	73.58	3.70	11.80	10000	1000	9.99E+02	100%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	35.17	3.70	11.80					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	47.21	3.70	11.80					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	16.68	3.70	11.80					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	19.89	3.70	11.80					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	46.62	3.70	11.80					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	5.69	3.70	11.80					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	52.32	3.70	11.80					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T02-B	1	1.85E+00	U1/2	1.85E+00	23.49	3.70	11.80					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	27.87	3.70	11.80	10000	1000	1.00E+03	100%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	25.40	3.70	11.80					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	30.34	3.70	11.80					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	25.71	3.70	11.80					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	8.66	3.70	11.80					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	27.01	3.70	11.80					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	6.67	3.70	11.80					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	9.85	3.70	11.80					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	29.10	3.70	11.80					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	8.72	3.70	11.80	10000	1000	9.99E+02	100%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	5.49	3.70	11.80					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	11.59	3.70	11.80					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	33.24	3.70	11.80					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T07-C	1	1.85E+00	U1/2	1.85E+00	38.93	3.70	11.80					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	38.64	3.70	11.80					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	13.50	3.70	11.80					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	38.50	3.70	11.80					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	48.65	3.70	11.80					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	83.82	3.70	11.80					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	14.35	3.70	11.80					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	51.31	3.70	11.80					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	9.23	3.70	11.80					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	6.57	3.70	11.80					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	9.86	3.70	11.80					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Cu	SWA-L06-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	15.10	3.70	11.80					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	SWA-L06-1315-T01-A	1	1.27E+01		1.27E+01	3.27	2.00	6.40					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T02-A	1	1.25E+01		1.25E+01	6.68	2.00	6.40					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T03-A	1	7.22E+00		7.22E+00	4.69	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T04-A	1	5.89E+00	E	5.89E+00	3.54	2.00	6.40					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T05-A	1	3.38E+00	E	3.38E+00	10.31	2.00	6.40					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T06-A	1	4.05E+00	E	4.05E+00	7.79	2.00	6.40					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T07-A	1	3.65E+00	E	3.65E+00	14.09	2.00	6.40					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T08-A	1	4.75E+00	E	4.75E+00	8.21	2.00	6.40					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T09-A	1	5.15E+00	E	5.15E+00	10.10	2.00	6.40					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T01-B	1	1.05E+01		1.05E+01	8.22	2.00	6.40					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T02-B	1	1.17E+01		1.17E+01	3.59	2.00	6.40					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T03-B	1	8.75E+00		8.75E+00	4.33	2.00	6.40	10000	1000	9.96E+02	99%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T04-B	1	6.58E+00		6.58E+00	5.68	2.00	6.40					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T05-B	1	4.38E+00	E	4.38E+00	8.54	2.00	6.40					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T06-B	1	4.24E+00	E	4.24E+00	9.16	2.00	6.40					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T07-B	1	4.53E+00	E	4.53E+00	5.63	2.00	6.40					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T08-B	1	3.83E+00	E	3.83E+00	21.03	2.00	6.40					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	31.87	2.00	6.40					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T01-C	1	8.42E+00		8.42E+00	1.43	2.00	6.40					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T02-C	1	1.04E+01		1.04E+01	2.64	2.00	6.40					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T03-C	1	1.47E+01		1.47E+01	1.37	2.00	6.40	10000	1000	9.94E+02	98%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T04-C	1	7.12E+00		7.12E+00	2.66	2.00	6.40					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T05-C	1	4.31E+00	E	4.31E+00	13.47	2.00	6.40					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T06-C	1	3.78E+00	E	3.78E+00	12.55	2.00	6.40					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T07-C	1	4.12E+00	E	4.12E+00	20.95	2.00	6.40					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T08-C	1	4.03E+00	E	4.03E+00	10.83	2.00	6.40					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-T09-C	1	2.75E+00	E	2.75E+00	5.73	2.00	6.40					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	34.54	2.00	6.40					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	26.39	2.00	6.40					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	12.16	2.00	6.40					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	8.39	2.00	6.40					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	30.89	2.00	6.40					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	17.40	2.00	6.40					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	5.19	2.00	6.40					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	46.88	2.00	6.40					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Fe	SWA-L06-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	24.64	2.00	6.40					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	SWA-L06-1315-T01-A	1	3.40E+00	U1/2	3.40E+00	13.12	6.80	21.60					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T02-A	1	3.40E+00	U1/2	3.40E+00	72.01	6.80	21.60					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T03-A	1	3.40E+00	U1/2	3.40E+00	14.76	6.80	21.60	10000	1000	9.27E+02	92%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T04-A	1	3.40E+00	U1/2	3.40E+00	46.67	6.80	21.60					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T05-A	1	3.40E+00	U1/2	3.40E+00	52.56	6.80	21.60					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T06-A	1	3.40E+00	U1/2	3.40E+00	42.73	6.80	21.60					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T07-A	1	3.40E+00	U1/2	3.40E+00	20.98	6.80	21.60					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T08-A	1	3.40E+00	U1/2	3.40E+00	12.17	6.80	21.60					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T09-A	1	3.40E+00	U1/2	3.40E+00	23.90	6.80	21.60					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T01-B	1	3.40E+00	U1/2	3.40E+00	11.86	6.80	21.60					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T02-B	1	3.40E+00	U1/2	3.40E+00	45.81	6.80	21.60					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T03-B	1	3.40E+00	U1/2	3.40E+00	21.02	6.80	21.60	10000	1000	9.26E+02	92%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T04-B	1	3.40E+00	U1/2	3.40E+00	36.57	6.80	21.60					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T05-B	1	3.40E+00	U1/2	3.40E+00	14.36	6.80	21.60					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T06-B	1	3.40E+00	U1/2	3.40E+00	83.06	6.80	21.60					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T07-B	1	3.40E+00	U1/2	3.40E+00	12.22	6.80	21.60					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T08-B	1	3.40E+00	U1/2	3.40E+00	41.33	6.80	21.60					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T09-B	1	3.40E+00	U1/2	3.40E+00	50.92	6.80	21.60					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T01-C	1	3.40E+00	U1/2	3.40E+00	21.22	6.80	21.60					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T02-C	1	3.40E+00	U1/2	3.40E+00	64.99	6.80	21.60					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T03-C	1	3.40E+00	U1/2	3.40E+00	45.00	6.80	21.60	10000	1000	9.21E+02	92%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T04-C	1	3.40E+00	U1/2	3.40E+00	40.76	6.80	21.60					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T05-C	1	3.40E+00	U1/2	3.40E+00	28.56	6.80	21.60					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T06-C	1	3.40E+00	U1/2	3.40E+00	32.96	6.80	21.60					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T07-C	1	3.40E+00	U1/2	3.40E+00	134.45	6.80	21.60					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T08-C	1	3.40E+00	U1/2	3.40E+00	87.01	6.80	21.60					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-T09-C	1	3.40E+00	U1/2	3.40E+00	32.72	6.80	21.60					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	26.38	6.80	21.60					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	63.14	6.80	21.60					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	17.96	6.80	21.60					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	69.04	6.80	21.60					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	32.29	6.80	21.60					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	69.89	6.80	21.60					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	54.83	6.80	21.60					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	43.59	6.80	21.60					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Pb	SWA-L06-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	175.10	6.80	21.60					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	SWA-L06-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	4.44	1.90	6.00					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	5.94	1.90	6.00					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	32.55	1.90	6.00	10000	1000	8.87E+02	89%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	15.45	1.90	6.00					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	7.26	1.90	6.00					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	11.25	1.90	6.00					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	14.61	1.90	6.00					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	15.78	1.90	6.00					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	17.33	1.90	6.00					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	44.31	1.90	6.00					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	35.28	1.90	6.00					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	65.98	1.90	6.00	10000	1000	8.80E+02	88%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	19.99	1.90	6.00					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	19.54	1.90	6.00					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	16.98	1.90	6.00					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	18.05	1.90	6.00					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	16.32	1.90	6.00					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	15.82	1.90	6.00					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	46.87	1.90	6.00					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	13.47	1.90	6.00					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	59.35	1.90	6.00	10000	1000	8.78E+02	88%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	19.91	1.90	6.00					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	8.69	1.90	6.00					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	20.26	1.90	6.00					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	8.51	1.90	6.00					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	18.30	1.90	6.00					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	18.47	1.90	6.00					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	22.36	1.90	6.00					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	14.49	1.90	6.00					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	5.80	1.90	6.00					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	37.14	1.90	6.00					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	30.89	1.90	6.00					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	24.30	1.90	6.00					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	6.66	1.90	6.00					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	28.95	1.90	6.00					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Li	SWA-L06-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	37.06	1.90	6.00					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	SWA-L06-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	19.55	2.00	6.40					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	20.14	2.00	6.40					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	48.72	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	57.58	2.00	6.40					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	35.23	2.00	6.40					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	18.35	2.00	6.40					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	40.65	2.00	6.40					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	28.12	2.00	6.40					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	45.37	2.00	6.40					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	4.24	2.00	6.40					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	36.74	2.00	6.40					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	16.23	2.00	6.40	10000	1000	1.01E+03	101%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	42.35	2.00	6.40					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	23.08	2.00	6.40					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	16.18	2.00	6.40					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	28.52	2.00	6.40					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	50.13	2.00	6.40					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	45.06	2.00	6.40					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	39.10	2.00	6.40					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	29.74	2.00	6.40					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	50.19	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	30.72	2.00	6.40					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	23.54	2.00	6.40					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	47.41	2.00	6.40					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	13.69	2.00	6.40					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	43.98	2.00	6.40					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	9.24	2.00	6.40					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	12.91	2.00	6.40					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	22.00	2.00	6.40					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	9.55	2.00	6.40					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	20.86	2.00	6.40					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	13.57	2.00	6.40					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	2.27	2.00	6.40					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	27.31	2.00	6.40					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	14.51	2.00	6.40					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Mn	SWA-L06-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	23.26	2.00	6.40					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	SWA-L06-1315-T01-A	1	2.07E+01		2.07E+01	1.63	1.00	3.18					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T02-A	1	1.37E+01		1.37E+01	4.73	1.00	3.18					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T03-A	1	3.49E+01		3.49E+01	1.99	1.00	3.18	10000	1000	1.03E+03	100%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T04-A	1	2.67E+01		2.67E+01	3.71	1.00	3.18					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T05-A	1	1.35E+01		1.35E+01	7.86	1.00	3.18					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T06-A	1	1.06E+01		1.06E+01	9.12	1.00	3.18					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T07-A	1	1.65E+01		1.65E+01	4.26	1.00	3.18					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T08-A	1	6.19E+01		6.19E+01	1.50	1.00	3.18					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T09-A	1	4.17E+01		4.17E+01	1.24	1.00	3.18					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T01-B	1	1.16E+01		1.16E+01	3.16	1.00	3.18					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T02-B	1	3.44E+01		3.44E+01	2.47	1.00	3.18					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T03-B	1	4.17E+01		4.17E+01	6.11	1.00	3.18	10000	1000	1.05E+03	100%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T04-B	1	1.68E+01		1.68E+01	3.54	1.00	3.18					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T05-B	1	2.07E+01		2.07E+01	6.87	1.00	3.18					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T06-B	1	2.50E+01		2.50E+01	3.45	1.00	3.18					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T07-B	1	2.45E+01		2.45E+01	4.76	1.00	3.18					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T08-B	1	5.94E+01		5.94E+01	1.22	1.00	3.18					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T09-B	1	3.45E+01		3.45E+01	5.52	1.00	3.18					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T01-C	1	1.28E+01		1.28E+01	4.54	1.00	3.18					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T02-C	1	2.61E+01		2.61E+01	2.12	1.00	3.18					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T03-C	1	5.42E+01		5.42E+01	8.95	1.00	3.18	10000	1000	1.02E+03	97%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T04-C	1	2.78E+01		2.78E+01	7.90	1.00	3.18					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T05-C	1	2.36E+01		2.36E+01	1.78	1.00	3.18					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T06-C	1	3.19E+01		3.19E+01	1.88	1.00	3.18					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T07-C	1	2.54E+01		2.54E+01	2.79	1.00	3.18					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T08-C	1	7.26E+01		7.26E+01	14.43	1.00	3.18					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-T09-C	1	3.78E+01		3.78E+01	1.99	1.00	3.18					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-M01-A	1	1.78E+01		1.78E+01	2.89	1.00	3.18					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-M02-A	1	1.79E+01		1.79E+01	2.66	1.00	3.18					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-M03-A	1	1.78E+01		1.78E+01	1.84	1.00	3.18					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-M04-A	1	2.35E+01		2.35E+01	0.74	1.00	3.18					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-M05-A	1	2.02E+01		2.02E+01	4.80	1.00	3.18					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-M06-A	1	2.59E+01		2.59E+01	3.49	1.00	3.18					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-M07-A	1	2.29E+01		2.29E+01	11.87	1.00	3.18					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-M08-A	1	1.43E+01		1.43E+01	1.81	1.00	3.18					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Mg	SWA-L06-1315-M09-A	1	2.42E+01		2.42E+01	5.74	1.00	3.18					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	SWA-L06-1315-T01-A	1	7.21E+00		7.21E+00	8.91	1.20	3.82					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T02-A	1	7.89E+00		7.89E+00	8.98	1.20	3.82					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T03-A	1	4.50E+00		4.50E+00	0.43	1.20	3.82	10000	1000	1.02E+03	102%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T04-A	1	1.13E+01		1.13E+01	8.71	1.20	3.82					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T05-A	1	7.64E+00		7.64E+00	9.37	1.20	3.82					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T06-A	1	9.01E+00		9.01E+00	7.95	1.20	3.82					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T07-A	1	6.88E+00		6.88E+00	0.14	1.20	3.82					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T08-A	1	5.28E+00		5.28E+00	10.88	1.20	3.82					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T09-A	1	4.67E+00		4.67E+00	0.24	1.20	3.82					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T01-B	1	6.82E+00		6.82E+00	0.26	1.20	3.82					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T02-B	1	9.31E+00		9.31E+00	0.12	1.20	3.82					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T03-B	1	6.07E+00		6.07E+00	1.47	1.20	3.82	10000	1000	1.02E+03	101%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T04-B	1	1.28E+01		1.28E+01	8.22	1.20	3.82					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T05-B	1	9.73E+00		9.73E+00	0.10	1.20	3.82					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T06-B	1	9.95E+00		9.95E+00	0.14	1.20	3.82					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T07-B	1	6.99E+00		6.99E+00	14.52	1.20	3.82					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T08-B	1	3.74E+00	E	3.74E+00	22.08	1.20	3.82					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T09-B	1	5.86E+00		5.86E+00	1.73	1.20	3.82					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T01-C	1	6.54E+00		6.54E+00	0.11	1.20	3.82					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T02-C	1	9.49E+00		9.49E+00	7.67	1.20	3.82					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T03-C	1	7.50E+00		7.50E+00	0.15	1.20	3.82	10000	1000	1.03E+03	102%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T04-C	1	1.61E+01		1.61E+01	0.11	1.20	3.82					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T05-C	1	9.97E+00		9.97E+00	7.96	1.20	3.82					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T06-C	1	1.20E+01		1.20E+01	1.68	1.20	3.82					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T07-C	1	7.71E+00		7.71E+00	0.22	1.20	3.82					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T08-C	1	4.48E+00		4.48E+00	0.35	1.20	3.82					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-T09-C	1	6.75E+00		6.75E+00	0.15	1.20	3.82					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	0.74	1.20	3.82					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	23.11	1.20	3.82					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	0.84	1.20	3.82					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	17.09	1.20	3.82					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	14.64	1.20	3.82					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	0.34	1.20	3.82					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	0.23	1.20	3.82					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	22.54	1.20	3.82					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Mo	SWA-L06-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	0.60	1.20	3.82					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	SWA-L06-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	18.22	1.80	5.70					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	17.95	1.80	5.70					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	32.88	1.80	5.70	10000	1000	9.93E+02	99%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	11.57	1.80	5.70					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	43.18	1.80	5.70					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	45.31	1.80	5.70					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	31.73	1.80	5.70					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	68.84	1.80	5.70					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	10.95	1.80	5.70					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	68.12	1.80	5.70					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	38.01	1.80	5.70					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	10.90	1.80	5.70	10000	1000	9.89E+02	99%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	30.11	1.80	5.70					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	80.37	1.80	5.70					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	27.42	1.80	5.70					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	12.51	1.80	5.70					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	57.83	1.80	5.70					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	60.70	1.80	5.70					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	96.19	1.80	5.70					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	43.52	1.80	5.70					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	15.86	1.80	5.70	10000	1000	9.91E+02	99%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	10.61	1.80	5.70					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	35.60	1.80	5.70					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	22.65	1.80	5.70					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	20.43	1.80	5.70					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	51.61	1.80	5.70					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	25.20	1.80	5.70					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	7.80	1.80	5.70					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	75.83	1.80	5.70					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	54.20	1.80	5.70					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	37.68	1.80	5.70					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	12.73	1.80	5.70					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	52.57	1.80	5.70					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	54.41	1.80	5.70					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	50.13	1.80	5.70					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Ni	SWA-L06-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	14.96	1.80	5.70					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	SWA-L06-1315-T01-A	1	2.31E+01		2.31E+01	3.43	3.70	11.80					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T02-A	1	8.43E+00	E	8.43E+00	17.69	3.70	11.80					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T03-A	1	8.05E+00	E	8.05E+00	12.97	3.70	11.80	10000	1000	1.04E+03	103%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	15.32	3.70	11.80					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	18.06	3.70	11.80					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T06-A	1	1.30E+01		1.30E+01	3.23	3.70	11.80					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T07-A	1	1.74E+01		1.74E+01	13.96	3.70	11.80					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T08-A	1	8.06E+00	E	8.06E+00	13.66	3.70	11.80					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	27.04	3.70	11.80					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T01-B	1	2.78E+01		2.78E+01	2.47	3.70	11.80					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T02-B	1	1.10E+01	E	1.10E+01	12.31	3.70	11.80					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T03-B	1	1.69E+01		1.69E+01	5.91	3.70	11.80	10000	1000	1.04E+03	103%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T04-B	1	2.24E+01		2.24E+01	29.63	3.70	11.80					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	47.14	3.70	11.80					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T06-B	1	1.44E+01		1.44E+01	55.86	3.70	11.80					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T07-B	1	1.71E+01		1.71E+01	4.20	3.70	11.80					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T08-B	1	6.38E+00	E	6.38E+00	17.63	3.70	11.80					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T09-B	1	6.76E+00	E	6.76E+00	45.27	3.70	11.80					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T01-C	1	2.39E+01		2.39E+01	2.45	3.70	11.80					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T02-C	1	2.38E+01		2.38E+01	2.65	3.70	11.80					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T03-C	1	1.31E+01		1.31E+01	10.26	3.70	11.80	10000	1000	1.05E+03	103%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T04-C	1	2.45E+01		2.45E+01	3.41	3.70	11.80					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T05-C	1	1.86E+01		1.86E+01	3.50	3.70	11.80					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T06-C	1	8.09E+00	E	8.09E+00	17.68	3.70	11.80					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T07-C	1	8.28E+00	E	8.28E+00	23.20	3.70	11.80					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	48.98	3.70	11.80					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-T09-C	1	6.89E+00	E	6.89E+00	9.56	3.70	11.80					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	4.26	3.70	11.80					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	8.90	3.70	11.80					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	11.68	3.70	11.80					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	8.08	3.70	11.80					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	6.45	3.70	11.80					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	14.38	3.70	11.80					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	9.63	3.70	11.80					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	32.17	3.70	11.80					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
P	SWA-L06-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	15.22	3.70	11.80					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	SWA-L06-1315-T01-A	1	8.54E+03		8.54E+03	1.14	1.60	5.09					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T02-A	1	2.64E+04		2.64E+04	0.81	1.60	5.09					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T03-A	1	1.20E+04		1.20E+04	0.94	1.60	5.09	10000	1000	1.29E+04	86%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T04-A	1	3.52E+04		3.52E+04	1.67	1.60	5.09					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T05-A	1	2.75E+04		2.75E+04	1.53	1.60	5.09					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T06-A	1	3.44E+04		3.44E+04	1.78	1.60	5.09					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T07-A	1	2.28E+04		2.28E+04	0.56	1.60	5.09					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T08-A	1	8.97E+03		8.97E+03	1.02	1.60	5.09					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T09-A	1	1.45E+04		1.45E+04	1.21	1.60	5.09					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T01-B	1	7.62E+03		7.62E+03	2.87	1.60	5.09					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T02-B	1	2.27E+04		2.27E+04	0.75	1.60	5.09					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T03-B	1	1.31E+04		1.31E+04	1.54	1.60	5.09	10000	1000	1.40E+04	91%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T04-B	1	3.68E+04		3.68E+04	1.07	1.60	5.09					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T05-B	1	2.97E+04		2.97E+04	0.60	1.60	5.09					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T06-B	1	3.63E+04		3.63E+04	0.79	1.60	5.09					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T07-B	1	2.59E+04		2.59E+04	1.43	1.60	5.09					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T08-B	1	9.30E+03		9.30E+03	1.53	1.60	5.09					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T09-B	1	1.49E+04		1.49E+04	1.08	1.60	5.09					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T01-C	1	8.01E+03		8.01E+03	2.32	1.60	5.09					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T02-C	1	2.73E+04		2.73E+04	2.49	1.60	5.09					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T03-C	1	1.65E+04		1.65E+04	0.76	1.60	5.09	10000	1000	1.74E+04	89%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T04-C	1	4.76E+04		4.76E+04	0.83	1.60	5.09					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T05-C	1	3.31E+04		3.31E+04	1.62	1.60	5.09					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T06-C	1	4.03E+04		4.03E+04	1.14	1.60	5.09					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T07-C	1	2.38E+04		2.38E+04	2.44	1.60	5.09					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T08-C	1	9.92E+03		9.92E+03	2.05	1.60	5.09					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-T09-C	1	1.63E+04		1.63E+04	0.97	1.60	5.09					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-M01-A	1	6.04E+00		6.04E+00	2.75	1.60	5.09					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-M02-A	1	4.21E+00	E	4.21E+00	7.16	1.60	5.09					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-M03-A	1	2.56E+00	E	2.56E+00	1.19	1.60	5.09					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-M04-A	1	7.71E+00		7.71E+00	1.89	1.60	5.09					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-M05-A	1	4.32E+00	E	4.32E+00	6.58	1.60	5.09					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-M06-A	1	3.59E+00	E	3.59E+00	6.06	1.60	5.09					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-M07-A	1	5.24E+00		5.24E+00	0.44	1.60	5.09					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-M08-A	1	4.14E+00	E	4.14E+00	3.75	1.60	5.09					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
K	SWA-L06-1315-M09-A	1	8.40E+00		8.40E+00	3.73	1.60	5.09					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	SWA-L06-1315-T01-A	1	1.74E+03		1.74E+03	1.32	15.00	47.70					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T02-A	1	3.83E+03		3.83E+03	1.02	15.00	47.70					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T03-A	1	1.57E+03		1.57E+03	0.80	15.00	47.70	10000	1000	2.69E+03	112%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T04-A	1	4.60E+03		4.60E+03	1.48	15.00	47.70					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T05-A	1	3.25E+03		3.25E+03	1.52	15.00	47.70					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T06-A	1	3.71E+03		3.71E+03	1.00	15.00	47.70					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T07-A	1	2.08E+03		2.08E+03	1.33	15.00	47.70					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T08-A	1	7.49E+02		7.49E+02	3.09	15.00	47.70					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T09-A	1	1.29E+03		1.29E+03	1.07	15.00	47.70					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T01-B	1	1.56E+03		1.56E+03	2.81	15.00	47.70					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T02-B	1	3.03E+03		3.03E+03	0.52	15.00	47.70					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T03-B	1	1.69E+03		1.69E+03	3.24	15.00	47.70	10000	1000	2.68E+03	99%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T04-B	1	4.96E+03		4.96E+03	1.36	15.00	47.70					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T05-B	1	3.63E+03		3.63E+03	0.77	15.00	47.70					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T06-B	1	4.17E+03		4.17E+03	0.72	15.00	47.70					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T07-B	1	2.54E+03		2.54E+03	2.00	15.00	47.70					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T08-B	1	8.14E+02		8.14E+02	2.28	15.00	47.70					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T09-B	1	1.42E+03		1.42E+03	0.22	15.00	47.70					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T01-C	1	1.59E+03		1.59E+03	3.68	15.00	47.70					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T02-C	1	3.89E+03		3.89E+03	1.13	15.00	47.70					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T03-C	1	2.38E+03		2.38E+03	1.14	15.00	47.70	10000	1000	3.38E+03	100%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T04-C	1	7.04E+03		7.04E+03	0.91	15.00	47.70					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T05-C	1	4.21E+03		4.21E+03	0.76	15.00	47.70					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T06-C	1	4.81E+03		4.81E+03	1.29	15.00	47.70					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T07-C	1	2.30E+03		2.30E+03	1.89	15.00	47.70					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T08-C	1	9.03E+02		9.03E+02	2.11	15.00	47.70					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-T09-C	1	1.56E+03		1.56E+03	1.94	15.00	47.70					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	33.21	15.00	47.70					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	20.95	15.00	47.70					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	34.92	15.00	47.70					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	10.77	15.00	47.70					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	37.69	15.00	47.70					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	18.34	15.00	47.70					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	16.66	15.00	47.70					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	30.93	15.00	47.70					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Se	SWA-L06-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	21.52	15.00	47.70					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	SWA-L06-1315-T01-A	1	8.98E+02		8.98E+02	2.82	1.10	3.50					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T02-A	1	4.04E+03		4.04E+03	0.29	1.10	3.50					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T03-A	1	2.77E+03		2.77E+03	0.92	1.10	3.50	10000	1000	3.62E+03	85%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T04-A	1	7.15E+03		7.15E+03	2.48	1.10	3.50					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T05-A	1	7.04E+03		7.04E+03	1.94	1.10	3.50					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T06-A	1	7.88E+03		7.88E+03	2.44	1.10	3.50					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T07-A	1	7.06E+03		7.06E+03	0.78	1.10	3.50					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T08-A	1	5.20E+03		5.20E+03	1.46	1.10	3.50					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T09-A	1	6.64E+03		6.64E+03	0.94	1.10	3.50					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T01-B	1	7.87E+02		7.87E+02	2.78	1.10	3.50					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T02-B	1	3.90E+03		3.90E+03	0.10	1.10	3.50					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T03-B	1	3.26E+03		3.26E+03	1.48	1.10	3.50	10000	1000	4.12E+03	86%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T04-B	1	7.98E+03		7.98E+03	2.12	1.10	3.50					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T05-B	1	7.96E+03		7.96E+03	1.43	1.10	3.50					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T06-B	1	8.70E+03		8.70E+03	0.95	1.10	3.50					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T07-B	1	7.30E+03		7.30E+03	1.48	1.10	3.50					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T08-B	1	5.59E+03		5.59E+03	1.79	1.10	3.50					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T09-B	1	7.08E+03		7.08E+03	1.77	1.10	3.50					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T01-C	1	8.17E+02		8.17E+02	2.42	1.10	3.50					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T02-C	1	4.26E+03		4.26E+03	1.54	1.10	3.50					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T03-C	1	3.11E+03		3.11E+03	0.99	1.10	3.50	10000	1000	4.03E+03	91%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T04-C	1	8.41E+03		8.41E+03	0.85	1.10	3.50					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T05-C	1	7.47E+03		7.47E+03	1.70	1.10	3.50					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T06-C	1	8.62E+03		8.62E+03	0.77	1.10	3.50					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T07-C	1	7.54E+03		7.54E+03	2.35	1.10	3.50					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T08-C	1	5.25E+03		5.25E+03	0.75	1.10	3.50					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-T09-C	1	6.95E+03		6.95E+03	0.72	1.10	3.50					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-M01-A	1	2.23E+01		2.23E+01	1.06	1.10	3.50					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-M02-A	1	1.74E+01		1.74E+01	7.71	1.10	3.50					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-M03-A	1	1.59E+01		1.59E+01	2.28	1.10	3.50					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-M04-A	1	1.83E+01		1.83E+01	3.56	1.10	3.50					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-M05-A	1	1.18E+01		1.18E+01	1.03	1.10	3.50					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-M06-A	1	1.01E+01		1.01E+01	1.34	1.10	3.50					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-M07-A	1	1.14E+01		1.14E+01	4.06	1.10	3.50					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-M08-A	1	1.37E+01		1.37E+01	6.05	1.10	3.50					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Si	SWA-L06-1315-M09-A	1	1.16E+01		1.16E+01	9.43	1.10	3.50					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	SWA-L06-1315-T01-A	1	3.92E+04		3.92E+04	0.62	2.50	8.00					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T02-A	1	1.05E+05		1.05E+05	0.57	2.50	8.00					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T03-A	1	5.23E+04		5.23E+04	0.51	2.50	8.00	10000	1000	5.31E+04	85%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T04-A	1	1.32E+05		1.32E+05	0.40	2.50	8.00					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T05-A	1	1.12E+05		1.12E+05	1.49	2.50	8.00					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T06-A	1	1.32E+05		1.32E+05	0.43	2.50	8.00					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T07-A	1	9.59E+04		9.59E+04	0.66	2.50	8.00					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T08-A	1	4.16E+04		4.16E+04	0.91	2.50	8.00					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T09-A	1	6.59E+04		6.59E+04	0.75	2.50	8.00					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T01-B	1	3.68E+04		3.68E+04	0.52	2.50	8.00					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T02-B	1	9.05E+04		9.05E+04	0.65	2.50	8.00					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T03-B	1	5.60E+04		5.60E+04	0.17	2.50	8.00	10000	1000	5.68E+04	86%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T04-B	1	1.34E+05		1.34E+05	0.66	2.50	8.00					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T05-B	1	1.15E+05		1.15E+05	1.30	2.50	8.00					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T06-B	1	1.35E+05		1.35E+05	0.44	2.50	8.00					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T07-B	1	1.06E+05		1.06E+05	0.95	2.50	8.00					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T08-B	1	4.41E+04		4.41E+04	0.40	2.50	8.00					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T09-B	1	6.99E+04		6.99E+04	0.80	2.50	8.00					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T01-C	1	3.81E+04		3.81E+04	0.96	2.50	8.00					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T02-C	1	1.10E+05		1.10E+05	1.46	2.50	8.00					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T03-C	1	7.18E+04		7.18E+04	0.24	2.50	8.00	10000	1000	7.26E+04	87%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T04-C	1	1.61E+05		1.61E+05	0.70	2.50	8.00					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T05-C	1	1.28E+05		1.28E+05	1.55	2.50	8.00					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T06-C	1	1.46E+05		1.46E+05	1.28	2.50	8.00					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T07-C	1	1.00E+05		1.00E+05	0.45	2.50	8.00					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T08-C	1	4.64E+04		4.64E+04	1.14	2.50	8.00					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-T09-C	1	7.44E+04		7.44E+04	0.22	2.50	8.00					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-M01-A	1	2.30E+01		2.30E+01	6.67	2.50	8.00					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-M02-A	1	1.13E+01		1.13E+01	2.15	2.50	8.00					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-M03-A	1	2.66E+01		2.66E+01	1.84	2.50	8.00					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-M04-A	1	1.43E+01		1.43E+01	1.28	2.50	8.00					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-M05-A	1	8.76E+00		8.76E+00	1.86	2.50	8.00					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-M06-A	1	1.53E+01		1.53E+01	1.55	2.50	8.00					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-M07-A	1	1.85E+01		1.85E+01	3.95	2.50	8.00					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-M08-A	1	1.78E+01		1.78E+01	4.90	2.50	8.00					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Na	SWA-L06-1315-M09-A	1	1.83E+01		1.83E+01	3.44	2.50	8.00					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	SWA-L06-1315-T01-A	1	4.84E+00		4.84E+00	29.01	1.00	3.18					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T02-A	1	9.83E+01		9.83E+01	2.03	1.00	3.18					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T03-A	1	1.02E+02		1.02E+02	1.99	1.00	3.18	10000	1000	1.10E+03	100%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T04-A	1	2.17E+02		2.17E+02	1.13	1.00	3.18					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T05-A	1	2.40E+02		2.40E+02	2.11	1.00	3.18					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T06-A	1	2.87E+02		2.87E+02	2.09	1.00	3.18					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T07-A	1	2.69E+02		2.69E+02	0.47	1.00	3.18					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T08-A	1	2.13E+02		2.13E+02	1.79	1.00	3.18					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T09-A	1	2.31E+02		2.31E+02	1.32	1.00	3.18					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T01-B	1	3.97E+00		3.97E+00	1.47	1.00	3.18					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T02-B	1	7.60E+01		7.60E+01	0.68	1.00	3.18					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T03-B	1	9.43E+01		9.43E+01	1.92	1.00	3.18	10000	1000	1.08E+03	99%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T04-B	1	1.92E+02		1.92E+02	1.82	1.00	3.18					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T05-B	1	2.15E+02		2.15E+02	1.22	1.00	3.18					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T06-B	1	2.54E+02		2.54E+02	0.61	1.00	3.18					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T07-B	1	2.48E+02		2.48E+02	1.65	1.00	3.18					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T08-B	1	1.89E+02		1.89E+02	2.25	1.00	3.18					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T09-B	1	2.09E+02		2.09E+02	0.76	1.00	3.18					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T01-C	1	5.07E+00		5.07E+00	1.90	1.00	3.18					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T02-C	1	7.98E+01		7.98E+01	1.99	1.00	3.18					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T03-C	1	8.84E+01		8.84E+01	0.92	1.00	3.18	10000	1000	1.09E+03	100%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T04-C	1	1.90E+02		1.90E+02	1.30	1.00	3.18					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T05-C	1	2.14E+02		2.14E+02	1.90	1.00	3.18					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T06-C	1	2.57E+02		2.57E+02	1.42	1.00	3.18					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T07-C	1	2.44E+02		2.44E+02	2.52	1.00	3.18					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T08-C	1	1.96E+02		1.96E+02	2.36	1.00	3.18					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-T09-C	1	2.15E+02		2.15E+02	1.15	1.00	3.18					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	21.10	1.00	3.18					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	13.19	1.00	3.18					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	6.64	1.00	3.18					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	2.03	1.00	3.18					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	26.74	1.00	3.18					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	3.59	1.00	3.18					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	17.13	1.00	3.18					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	23.08	1.00	3.18					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Sr	SWA-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	26.46	1.00	3.18					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	SWA-L06-1315-T01-A	1	5.70E+03		5.70E+03	0.62	6.80	21.60					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T02-A	1	1.17E+04		1.17E+04	0.75	6.80	21.60					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T03-A	1	4.85E+03		4.85E+03	0.73	6.80	21.60	10000	1000	5.76E+03	91%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T04-A	1	1.34E+04		1.34E+04	1.71	6.80	21.60					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T05-A	1	9.72E+03		9.72E+03	1.47	6.80	21.60					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T06-A	1	1.15E+04		1.15E+04	1.77	6.80	21.60					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T07-A	1	7.36E+03		7.36E+03	1.24	6.80	21.60					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T08-A	1	2.69E+03		2.69E+03	2.19	6.80	21.60					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T09-A	1	4.60E+03		4.60E+03	1.49	6.80	21.60					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T01-B	1	5.34E+03		5.34E+03	2.97	6.80	21.60					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T02-B	1	9.89E+03		9.89E+03	0.87	6.80	21.60					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T03-B	1	5.29E+03		5.29E+03	1.29	6.80	21.60	10000	1000	6.16E+03	88%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T04-B	1	1.51E+04		1.51E+04	1.58	6.80	21.60					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T05-B	1	1.12E+04		1.12E+04	0.67	6.80	21.60					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T06-B	1	1.24E+04		1.24E+04	0.56	6.80	21.60					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T07-B	1	7.95E+03		7.95E+03	1.39	6.80	21.60					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T08-B	1	2.85E+03		2.85E+03	1.48	6.80	21.60					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T09-B	1	5.41E+03		5.41E+03	0.93	6.80	21.60					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T01-C	1	5.16E+03		5.16E+03	1.97	6.80	21.60					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T02-C	1	1.22E+04		1.22E+04	1.40	6.80	21.60					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T03-C	1	7.02E+03		7.02E+03	1.28	6.80	21.60	10000	1000	7.94E+03	91%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T04-C	1	2.07E+04		2.07E+04	0.84	6.80	21.60					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T05-C	1	1.21E+04		1.21E+04	1.16	6.80	21.60					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T06-C	1	1.37E+04		1.37E+04	1.18	6.80	21.60					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T07-C	1	8.22E+03		8.22E+03	3.06	6.80	21.60					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T08-C	1	2.97E+03		2.97E+03	3.11	6.80	21.60					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-T09-C	1	5.38E+03		5.38E+03	1.73	6.80	21.60					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	15.21	6.80	21.60					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	28.80	6.80	21.60					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	11.61	6.80	21.60					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	27.26	6.80	21.60					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	15.44	6.80	21.60					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	13.01	6.80	21.60					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	20.33	6.80	21.60					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	22.50	6.80	21.60					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
S	SWA-L06-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	16.83	6.80	21.60					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	SWA-L06-1315-T01-A	1	2.30E+00	U1/2	2.30E+00	24.92	4.60	14.60					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T02-A	1	2.30E+00	U1/2	2.30E+00	57.16	4.60	14.60					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T03-A	1	2.30E+00	U1/2	2.30E+00	54.01	4.60	14.60	10000	1000	9.77E+02	97%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T04-A	1	2.30E+00	U1/2	2.30E+00	14.51	4.60	14.60					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T05-A	1	2.30E+00	U1/2	2.30E+00	18.32	4.60	14.60					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T06-A	1	2.30E+00	U1/2	2.30E+00	13.26	4.60	14.60					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T07-A	1	2.30E+00	U1/2	2.30E+00	34.92	4.60	14.60					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T08-A	1	2.30E+00	U1/2	2.30E+00	14.00	4.60	14.60					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T09-A	1	2.30E+00	U1/2	2.30E+00	14.57	4.60	14.60					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T01-B	1	2.30E+00	U1/2	2.30E+00	29.38	4.60	14.60					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T02-B	1	2.30E+00	U1/2	2.30E+00	13.35	4.60	14.60					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T03-B	1	2.30E+00	U1/2	2.30E+00	55.68	4.60	14.60	10000	1000	9.76E+02	97%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T04-B	1	2.30E+00	U1/2	2.30E+00	32.23	4.60	14.60					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T05-B	1	2.30E+00	U1/2	2.30E+00	11.05	4.60	14.60					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T06-B	1	2.30E+00	U1/2	2.30E+00	37.74	4.60	14.60					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T07-B	1	2.30E+00	U1/2	2.30E+00	23.88	4.60	14.60					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T08-B	1	2.30E+00	U1/2	2.30E+00	12.78	4.60	14.60					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T09-B	1	2.30E+00	U1/2	2.30E+00	18.84	4.60	14.60					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T01-C	1	2.30E+00	U1/2	2.30E+00	43.15	4.60	14.60					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T02-C	1	2.30E+00	U1/2	2.30E+00	32.82	4.60	14.60					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T03-C	1	2.30E+00	U1/2	2.30E+00	85.61	4.60	14.60	10000	1000	9.86E+02	98%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T04-C	1	2.30E+00	U1/2	2.30E+00	87.53	4.60	14.60					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T05-C	1	2.30E+00	U1/2	2.30E+00	59.00	4.60	14.60					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T06-C	1	2.30E+00	U1/2	2.30E+00	52.70	4.60	14.60					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T07-C	1	2.30E+00	U1/2	2.30E+00	20.67	4.60	14.60					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T08-C	1	2.30E+00	U1/2	2.30E+00	14.46	4.60	14.60					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-T09-C	1	2.30E+00	U1/2	2.30E+00	68.70	4.60	14.60					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	29.46	4.60	14.60					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	61.36	4.60	14.60					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	44.68	4.60	14.60					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	34.67	4.60	14.60					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	10.20	4.60	14.60					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	62.34	4.60	14.60					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	63.54	4.60	14.60					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	13.53	4.60	14.60					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Tl	SWA-L06-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	73.35	4.60	14.60					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	SWA-L06-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	7.15	2.00	6.40					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	80.45	2.00	6.40					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	56.42	2.00	6.40	10000	1000	1.02E+03	101%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	12.59	2.00	6.40					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	49.31	2.00	6.40					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	53.29	2.00	6.40					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	67.71	2.00	6.40					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	25.18	2.00	6.40					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	7.57	2.00	6.40					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	26.71	2.00	6.40					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	53.16	2.00	6.40					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	53.26	2.00	6.40	10000	1000	1.01E+03	101%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	71.95	2.00	6.40					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	33.12	2.00	6.40					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	28.37	2.00	6.40					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	11.49	2.00	6.40					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	21.99	2.00	6.40					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	20.12	2.00	6.40					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	43.60	2.00	6.40					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	76.88	2.00	6.40					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	24.85	2.00	6.40	10000	1000	1.01E+03	101%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	52.67	2.00	6.40					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	27.86	2.00	6.40					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	41.40	2.00	6.40					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	89.66	2.00	6.40					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	28.91	2.00	6.40					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	46.23	2.00	6.40					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	52.14	2.00	6.40					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	116.26	2.00	6.40					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	40.86	2.00	6.40					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	40.92	2.00	6.40					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	71.60	2.00	6.40					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	24.62	2.00	6.40					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	32.85	2.00	6.40					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	12.99	2.00	6.40					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Ti	SWA-L06-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	28.38	2.00	6.40					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	SWA-L06-1315-T01-A	1	1.21E+01		1.21E+01	5.60	1.50	4.77					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T02-A	1	1.89E+01		1.89E+01	2.45	1.50	4.77					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T03-A	1	9.15E+00		9.15E+00	6.01	1.50	4.77	10000	1000	1.02E+03	101%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T04-A	1	2.09E+01		2.09E+01	3.69	1.50	4.77					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T05-A	1	1.77E+01		1.77E+01	3.31	1.50	4.77					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T06-A	1	2.04E+01		2.04E+01	2.98	1.50	4.77					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T07-A	1	1.56E+01		1.56E+01	3.62	1.50	4.77					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T08-A	1	1.00E+01		1.00E+01	6.53	1.50	4.77					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T09-A	1	1.45E+01		1.45E+01	7.11	1.50	4.77					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T01-B	1	1.27E+01		1.27E+01	7.91	1.50	4.77					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T02-B	1	1.79E+01		1.79E+01	8.76	1.50	4.77					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T03-B	1	9.41E+00		9.41E+00	5.01	1.50	4.77	10000	1000	1.02E+03	102%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T04-B	1	2.09E+01		2.09E+01	2.49	1.50	4.77					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T05-B	1	1.76E+01		1.76E+01	7.07	1.50	4.77					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T06-B	1	2.16E+01		2.16E+01	5.16	1.50	4.77					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T07-B	1	1.61E+01		1.61E+01	3.96	1.50	4.77					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T08-B	1	9.57E+00		9.57E+00	6.61	1.50	4.77					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T09-B	1	1.39E+01		1.39E+01	8.28	1.50	4.77					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T01-C	1	1.21E+01		1.21E+01	6.28	1.50	4.77					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T02-C	1	2.03E+01		2.03E+01	2.51	1.50	4.77					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T03-C	1	1.11E+01		1.11E+01	9.22	1.50	4.77	10000	1000	1.03E+03	102%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T04-C	1	2.70E+01		2.70E+01	1.43	1.50	4.77					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T05-C	1	1.87E+01		1.87E+01	0.84	1.50	4.77					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T06-C	1	2.29E+01		2.29E+01	2.02	1.50	4.77					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T07-C	1	1.53E+01		1.53E+01	3.68	1.50	4.77					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T08-C	1	1.00E+01		1.00E+01	5.36	1.50	4.77					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-T09-C	1	1.44E+01		1.44E+01	1.84	1.50	4.77					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	31.32	1.50	4.77					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	37.19	1.50	4.77					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	23.67	1.50	4.77					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	14.72	1.50	4.77					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	10.80	1.50	4.77					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	26.58	1.50	4.77					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	15.32	1.50	4.77					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	17.56	1.50	4.77					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
V	SWA-L06-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	34.53	1.50	4.77					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	SWA-L06-1315-T01-A	1	4.54E+00		4.54E+00	3.23	1.00	3.18					VU ICP-OES	6/16/2011 11:37	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T02-A	1	2.57E+00	E	2.57E+00	13.39	1.00	3.18					VU ICP-OES	6/16/2011 11:39	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T03-A	1	3.24E+00		3.24E+00	4.14	1.00	3.18	10000	1000	1.02E+03	101%	VU ICP-OES	6/16/2011 11:41	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T04-A	1	2.71E+00	E	2.71E+00	16.75	1.00	3.18					VU ICP-OES	6/16/2011 11:42	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T05-A	1	3.44E+00		3.44E+00	11.02	1.00	3.18					VU ICP-OES	6/16/2011 11:44	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T06-A	1	3.11E+00	E	3.11E+00	12.18	1.00	3.18					VU ICP-OES	6/16/2011 11:46	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T07-A	1	2.93E+00	E	2.93E+00	6.82	1.00	3.18					VU ICP-OES	6/16/2011 11:47	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T08-A	1	5.00E-01	U1/2	5.00E-01	69.05	1.00	3.18					VU ICP-OES	6/16/2011 11:49	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T09-A	1	5.00E-01	U1/2	5.00E-01	48.86	1.00	3.18					VU ICP-OES	6/16/2011 11:51	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T01-B	1	3.74E+00		3.74E+00	5.05	1.00	3.18					VU ICP-OES	6/16/2011 11:57	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T02-B	1	2.50E+00	E	2.50E+00	13.36	1.00	3.18					VU ICP-OES	6/16/2011 11:59	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T03-B	1	1.72E+00	E	1.72E+00	29.07	1.00	3.18	10000	1000	1.01E+03	101%	VU ICP-OES	6/16/2011 12:00	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T04-B	1	4.03E+00		4.03E+00	5.68	1.00	3.18					VU ICP-OES	6/16/2011 12:02	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T05-B	1	3.15E+00	E	3.15E+00	11.23	1.00	3.18					VU ICP-OES	6/16/2011 12:04	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T06-B	1	4.35E+00		4.35E+00	3.38	1.00	3.18					VU ICP-OES	6/16/2011 12:05	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T07-B	1	3.35E+00		3.35E+00	8.10	1.00	3.18					VU ICP-OES	6/16/2011 12:07	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T08-B	1	2.00E+00	E	2.00E+00	8.09	1.00	3.18					VU ICP-OES	6/16/2011 12:09	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T09-B	1	5.00E-01	U1/2	5.00E-01	16.25	1.00	3.18					VU ICP-OES	6/16/2011 12:10	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T01-C	1	3.08E+00	E	3.08E+00	2.00	1.00	3.18					VU ICP-OES	6/16/2011 12:12	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T02-C	1	2.60E+00	E	2.60E+00	12.37	1.00	3.18					VU ICP-OES	6/16/2011 12:14	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T03-C	1	1.99E+00	E	1.99E+00	11.87	1.00	3.18	10000	1000	1.01E+03	100%	VU ICP-OES	6/16/2011 12:15	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T04-C	1	3.46E+00		3.46E+00	6.54	1.00	3.18					VU ICP-OES	6/16/2011 12:17	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T05-C	1	1.05E+00	E	1.05E+00	11.76	1.00	3.18					VU ICP-OES	6/16/2011 12:18	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T06-C	1	1.74E+01		1.74E+01	0.97	1.00	3.18					VU ICP-OES	6/16/2011 12:20	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T07-C	1	1.28E+00	E	1.28E+00	30.00	1.00	3.18					VU ICP-OES	6/16/2011 12:22	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T08-C	1	5.00E-01	U1/2	5.00E-01	62.54	1.00	3.18					VU ICP-OES	6/16/2011 12:23	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-T09-C	1	5.00E-01	U1/2	5.00E-01	58.65	1.00	3.18					VU ICP-OES	6/16/2011 12:25	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	6.79	1.00	3.18					VU ICP-OES	6/16/2011 11:23	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	23.32	1.00	3.18					VU ICP-OES	6/16/2011 11:24	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	6.74	1.00	3.18					VU ICP-OES	6/16/2011 11:26	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	26.87	1.00	3.18					VU ICP-OES	6/16/2011 11:28	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	17.55	1.00	3.18					VU ICP-OES	6/16/2011 11:29	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	0.43	1.00	3.18					VU ICP-OES	6/16/2011 11:31	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	7.23	1.00	3.18					VU ICP-OES	6/16/2011 11:32	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	50.30	1.00	3.18					VU ICP-OES	6/16/2011 11:34	EPA Interlab L06 1315 SWA
Zn	SWA-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	56.92	1.00	3.18					VU ICP-OES	6/16/2011 11:36	EPA Interlab L06 1315 SWA

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	SWA-L07-1315-T01-A	1	1.88E+03		1.88E+03	0.14	1.00	3.18					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T02-A	1	4.61E+03		4.61E+03	0.47	1.00	3.18					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T03-A	1	2.80E+03		2.80E+03	0.69	1.00	3.18	10000	1000	3.81E+03	101%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T04-A	1	5.73E+03		5.73E+03	0.83	1.00	3.18					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T05-A	1	4.63E+03		4.63E+03	0.36	1.00	3.18					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T06-A	1	5.26E+03		5.26E+03	0.46	1.00	3.18					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T07-A	1	4.39E+03		4.39E+03	0.54	1.00	3.18					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T08-A	1	2.64E+03		2.64E+03	1.21	1.00	3.18					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T09-A	1	3.42E+03		3.42E+03	1.20	1.00	3.18					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T01-B	1	1.69E+03		1.69E+03	0.08	1.00	3.18					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T02-B	1	4.41E+03		4.41E+03	0.66	1.00	3.18					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T03-B	1	2.69E+03		2.69E+03	0.16	1.00	3.18	10000	1000	3.60E+03	91%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T04-B	1	5.58E+03		5.58E+03	0.90	1.00	3.18					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T05-B	1	4.67E+03		4.67E+03	1.23	1.00	3.18					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T06-B	1	5.22E+03		5.22E+03	0.54	1.00	3.18					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T07-B	1	4.25E+03		4.25E+03	0.84	1.00	3.18					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T08-B	1	2.66E+03		2.66E+03	0.18	1.00	3.18					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T09-B	1	3.41E+03		3.41E+03	1.27	1.00	3.18					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T01-C	1	1.85E+03		1.85E+03	2.04	1.00	3.18					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T02-C	1	4.61E+03		4.61E+03	0.73	1.00	3.18					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T03-C	1	2.81E+03		2.81E+03	0.38	1.00	3.18	10000	1000	3.71E+03	90%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T04-C	1	5.57E+03		5.57E+03	0.60	1.00	3.18					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T05-C	1	3.99E+03		3.99E+03	0.42	1.00	3.18					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T06-C	1	5.11E+03		5.11E+03	0.33	1.00	3.18					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T07-C	1	4.31E+03		4.31E+03	0.68	1.00	3.18					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T08-C	1	2.72E+03		2.72E+03	0.49	1.00	3.18					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-T09-C	1	3.42E+03		3.42E+03	0.60	1.00	3.18					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	4.50	1.00	3.18					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	7.59	1.00	3.18					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	8.59	1.00	3.18					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	7.74	1.00	3.18					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	13.28	1.00	3.18					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	14.56	1.00	3.18					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	10.14	1.00	3.18					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	9.10	1.00	3.18					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Al	SWA-L07-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	7.98	1.00	3.18					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	SWA-L07-1315-T01-A	1	3.23E+02		3.23E+02	2.81	7.50	23.90					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T02-A	1	4.01E+02		4.01E+02	0.83	7.50	23.90					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T03-A	1	2.13E+02		2.13E+02	3.44	7.50	23.90	10000	1000	1.29E+03	108%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T04-A	1	4.55E+02		4.55E+02	3.22	7.50	23.90					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T05-A	1	3.41E+02		3.41E+02	0.91	7.50	23.90					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T06-A	1	3.85E+02		3.85E+02	0.66	7.50	23.90					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T07-A	1	3.09E+02		3.09E+02	2.17	7.50	23.90					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T08-A	1	2.02E+02		2.02E+02	1.56	7.50	23.90					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T09-A	1	2.67E+02		2.67E+02	2.30	7.50	23.90					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T01-B	1	2.80E+02		2.80E+02	2.67	7.50	23.90					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T02-B	1	3.93E+02		3.93E+02	3.74	7.50	23.90					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T03-B	1	2.25E+02		2.25E+02	4.55	7.50	23.90	10000	1000	1.32E+03	109%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T04-B	1	4.25E+02		4.25E+02	1.02	7.50	23.90					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T05-B	1	3.34E+02		3.34E+02	2.37	7.50	23.90					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T06-B	1	3.65E+02		3.65E+02	3.05	7.50	23.90					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T07-B	1	2.95E+02		2.95E+02	2.11	7.50	23.90					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T08-B	1	2.00E+02		2.00E+02	3.68	7.50	23.90					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T09-B	1	2.60E+02		2.60E+02	2.22	7.50	23.90					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T01-C	1	2.90E+02		2.90E+02	3.34	7.50	23.90					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T02-C	1	4.20E+02		4.20E+02	1.95	7.50	23.90					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T03-C	1	2.38E+02		2.38E+02	2.80	7.50	23.90	10000	1000	1.32E+03	108%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T04-C	1	4.60E+02		4.60E+02	2.22	7.50	23.90					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T05-C	1	3.41E+02		3.41E+02	1.34	7.50	23.90					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T06-C	1	3.97E+02		3.97E+02	1.87	7.50	23.90					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T07-C	1	3.39E+02		3.39E+02	2.14	7.50	23.90					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T08-C	1	2.16E+02		2.16E+02	1.67	7.50	23.90					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-T09-C	1	3.04E+02		3.04E+02	1.76	7.50	23.90					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	20.03	7.50	23.90					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	14.55	7.50	23.90					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	11.32	7.50	23.90					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	15.02	7.50	23.90					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	13.67	7.50	23.90					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	33.97	7.50	23.90					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	59.89	7.50	23.90					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	24.40	7.50	23.90					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Sb	SWA-L07-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	21.90	7.50	23.90					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	SWA-L07-1315-T01-A	1	2.19E+02		2.19E+02	3.19	11.00	35.00					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T02-A	1	1.38E+02		1.38E+02	3.08	11.00	35.00					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T03-A	1	1.02E+02		1.02E+02	4.35	11.00	35.00	10000	1000	1.17E+03	106%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T04-A	1	2.14E+02		2.14E+02	4.30	11.00	35.00					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T05-A	1	1.54E+02		1.54E+02	6.37	11.00	35.00					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T06-A	1	1.59E+02		1.59E+02	4.55	11.00	35.00					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T07-A	1	1.20E+02		1.20E+02	6.87	11.00	35.00					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T08-A	1	7.35E+01		7.35E+01	1.39	11.00	35.00					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T09-A	1	9.64E+01		9.64E+01	3.41	11.00	35.00					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T01-B	1	2.11E+02		2.11E+02	1.81	11.00	35.00					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T02-B	1	1.22E+02		1.22E+02	6.36	11.00	35.00					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T03-B	1	9.43E+01		9.43E+01	2.16	11.00	35.00	10000	1000	1.08E+03	98%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T04-B	1	1.81E+02		1.81E+02	6.96	11.00	35.00					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T05-B	1	1.50E+02		1.50E+02	4.82	11.00	35.00					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T06-B	1	1.59E+02		1.59E+02	6.60	11.00	35.00					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T07-B	1	1.23E+02		1.23E+02	5.45	11.00	35.00					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T08-B	1	7.03E+01		7.03E+01	6.22	11.00	35.00					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T09-B	1	9.01E+01		9.01E+01	3.44	11.00	35.00					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T01-C	1	2.05E+02		2.05E+02	4.74	11.00	35.00					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T02-C	1	1.25E+02		1.25E+02	7.16	11.00	35.00					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T03-C	1	8.02E+01		8.02E+01	8.03	11.00	35.00	10000	1000	1.03E+03	95%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T04-C	1	1.65E+02		1.65E+02	3.44	11.00	35.00					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T05-C	1	1.31E+02		1.31E+02	11.76	11.00	35.00					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T06-C	1	1.45E+02		1.45E+02	3.36	11.00	35.00					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T07-C	1	1.15E+02		1.15E+02	6.40	11.00	35.00					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T08-C	1	6.64E+01		6.64E+01	5.71	11.00	35.00					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-T09-C	1	1.24E+02		1.24E+02	4.91	11.00	35.00					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	51.96	11.00	35.00					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	45.04	11.00	35.00					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	26.00	11.00	35.00					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	67.05	11.00	35.00					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	46.23	11.00	35.00					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	20.53	11.00	35.00					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	48.50	11.00	35.00					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	30.77	11.00	35.00					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
As	SWA-L07-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	17.76	11.00	35.00					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	SWA-L07-1315-T01-A	1	4.79E+01		4.79E+01	0.45	1.00	3.18					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T02-A	1	4.94E+01		4.94E+01	2.33	1.00	3.18					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T03-A	1	3.65E+01		3.65E+01	2.02	1.00	3.18	10000	1000	1.06E+03	103%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T04-A	1	7.27E+01		7.27E+01	2.83	1.00	3.18					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T05-A	1	6.08E+01		6.08E+01	1.77	1.00	3.18					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T06-A	1	7.23E+01		7.23E+01	3.29	1.00	3.18					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T07-A	1	6.06E+01		6.06E+01	2.31	1.00	3.18					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T08-A	1	4.11E+01		4.11E+01	4.38	1.00	3.18					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T09-A	1	5.40E+01		5.40E+01	1.96	1.00	3.18					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T01-B	1	5.22E+01		5.22E+01	1.34	1.00	3.18					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T02-B	1	5.46E+01		5.46E+01	4.35	1.00	3.18					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T03-B	1	3.90E+01		3.90E+01	3.12	1.00	3.18	10000	1000	9.91E+02	95%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T04-B	1	7.11E+01		7.11E+01	2.28	1.00	3.18					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T05-B	1	6.08E+01		6.08E+01	4.81	1.00	3.18					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T06-B	1	6.98E+01		6.98E+01	5.21	1.00	3.18					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T07-B	1	5.78E+01		5.78E+01	2.22	1.00	3.18					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T08-B	1	4.25E+01		4.25E+01	1.80	1.00	3.18					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T09-B	1	5.46E+01		5.46E+01	3.16	1.00	3.18					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T01-C	1	5.39E+01		5.39E+01	1.71	1.00	3.18					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T02-C	1	5.85E+01		5.85E+01	3.39	1.00	3.18					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T03-C	1	4.07E+01		4.07E+01	1.95	1.00	3.18	10000	1000	9.62E+02	92%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T04-C	1	7.34E+01		7.34E+01	1.10	1.00	3.18					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T05-C	1	5.50E+01		5.50E+01	1.09	1.00	3.18					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T06-C	1	6.79E+01		6.79E+01	2.02	1.00	3.18					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T07-C	1	5.85E+01		5.85E+01	4.36	1.00	3.18					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T08-C	1	4.46E+01		4.46E+01	2.13	1.00	3.18					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-T09-C	1	5.67E+01		5.67E+01	3.83	1.00	3.18					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	1.08	1.00	3.18					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.31	1.00	3.18					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	1.17	1.00	3.18					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	19.00	1.00	3.18					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	5.64	1.00	3.18					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	5.89	1.00	3.18					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	3.16	1.00	3.18					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.97	1.00	3.18					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
B	SWA-L07-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	1.77	1.00	3.18					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	SWA-L07-1315-T01-A	1	2.01E+01		2.01E+01	0.32	1.00	3.18					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T02-A	1	1.70E+02		1.70E+02	0.14	1.00	3.18					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T03-A	1	1.75E+02		1.75E+02	0.16	1.00	3.18	10000	1000	1.15E+03	97%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T04-A	1	2.83E+02		2.83E+02	0.58	1.00	3.18					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T05-A	1	3.25E+02		3.25E+02	0.13	1.00	3.18					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T06-A	1	3.53E+02		3.53E+02	0.44	1.00	3.18					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T07-A	1	3.60E+02		3.60E+02	0.50	1.00	3.18					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T08-A	1	3.31E+02		3.31E+02	0.41	1.00	3.18					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T09-A	1	2.80E+02		2.80E+02	1.33	1.00	3.18					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T01-B	1	1.83E+01		1.83E+01	1.24	1.00	3.18					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T02-B	1	1.63E+02		1.63E+02	0.87	1.00	3.18					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T03-B	1	1.83E+02		1.83E+02	0.66	1.00	3.18	10000	1000	1.06E+03	88%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T04-B	1	3.56E+02		3.56E+02	0.84	1.00	3.18					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T05-B	1	3.82E+02		3.82E+02	1.04	1.00	3.18					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T06-B	1	3.76E+02		3.76E+02	1.02	1.00	3.18					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T07-B	1	3.49E+02		3.49E+02	0.95	1.00	3.18					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T08-B	1	3.55E+02		3.55E+02	0.39	1.00	3.18					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T09-B	1	3.00E+02		3.00E+02	0.66	1.00	3.18					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T01-C	1	1.84E+01		1.84E+01	1.49	1.00	3.18					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T02-C	1	1.62E+02		1.62E+02	0.09	1.00	3.18					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T03-C	1	1.73E+02		1.73E+02	0.18	1.00	3.18	10000	1000	1.04E+03	87%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T04-C	1	2.95E+02		2.95E+02	0.62	1.00	3.18					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T05-C	1	3.40E+02		3.40E+02	1.02	1.00	3.18					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T06-C	1	3.77E+02		3.77E+02	0.45	1.00	3.18					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T07-C	1	2.72E+02		2.72E+02	0.22	1.00	3.18					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T08-C	1	3.42E+02		3.42E+02	0.30	1.00	3.18					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-T09-C	1	2.04E+02		2.04E+02	1.01	1.00	3.18					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	11.24	1.00	3.18					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	30.52	1.00	3.18					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	74.61	1.00	3.18					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	10.89	1.00	3.18					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	44.08	1.00	3.18					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	75.34	1.00	3.18					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	63.88	1.00	3.18					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	19.07	1.00	3.18					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Ba	SWA-L07-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	52.22	1.00	3.18					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	SWA-L07-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	33.65	1.90	6.00					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	20.90	1.90	6.00					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	30.69	1.90	6.00	10000	1000	1.05E+03	104%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	23.25	1.90	6.00					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	10.05	1.90	6.00					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	25.12	1.90	6.00					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	17.16	1.90	6.00					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	8.72	1.90	6.00					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	12.40	1.90	6.00					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	67.96	1.90	6.00					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	22.20	1.90	6.00					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	16.41	1.90	6.00	10000	1000	9.59E+02	96%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	14.45	1.90	6.00					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	13.57	1.90	6.00					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	25.43	1.90	6.00					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	10.84	1.90	6.00					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	25.95	1.90	6.00					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	10.10	1.90	6.00					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	63.80	1.90	6.00					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	53.53	1.90	6.00					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	21.38	1.90	6.00	10000	1000	9.30E+02	93%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	32.89	1.90	6.00					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	59.87	1.90	6.00					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	59.18	1.90	6.00					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	21.06	1.90	6.00					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	25.68	1.90	6.00					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	15.39	1.90	6.00					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	75.87	1.90	6.00					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	11.40	1.90	6.00					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	26.25	1.90	6.00					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	30.88	1.90	6.00					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	46.45	1.90	6.00					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	14.92	1.90	6.00					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	53.63	1.90	6.00					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	17.15	1.90	6.00					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Be	SWA-L07-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	25.53	1.90	6.00					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	SWA-L07-1315-T01-A	1	1.10E+00	U1/2	1.10E+00	35.82	2.20	7.00					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T02-A	1	1.10E+00	U1/2	1.10E+00	21.06	2.20	7.00					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T03-A	1	1.10E+00	U1/2	1.10E+00	27.96	2.20	7.00	10000	1000	1.06E+03	105%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T04-A	1	1.10E+00	U1/2	1.10E+00	24.08	2.20	7.00					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T05-A	1	1.10E+00	U1/2	1.10E+00	50.69	2.20	7.00					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T06-A	1	1.10E+00	U1/2	1.10E+00	28.95	2.20	7.00					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T07-A	1	1.10E+00	U1/2	1.10E+00	25.04	2.20	7.00					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T08-A	1	1.10E+00	U1/2	1.10E+00	21.65	2.20	7.00					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T09-A	1	1.10E+00	U1/2	1.10E+00	11.45	2.20	7.00					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T01-B	1	1.10E+00	U1/2	1.10E+00	29.63	2.20	7.00					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T02-B	1	1.10E+00	U1/2	1.10E+00	7.36	2.20	7.00					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T03-B	1	1.10E+00	U1/2	1.10E+00	25.03	2.20	7.00	10000	1000	9.70E+02	97%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T04-B	1	1.10E+00	U1/2	1.10E+00	62.93	2.20	7.00					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T05-B	1	1.10E+00	U1/2	1.10E+00	18.19	2.20	7.00					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T06-B	1	1.10E+00	U1/2	1.10E+00	8.84	2.20	7.00					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T07-B	1	1.10E+00	U1/2	1.10E+00	11.62	2.20	7.00					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T08-B	1	1.10E+00	U1/2	1.10E+00	68.89	2.20	7.00					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T09-B	1	1.10E+00	U1/2	1.10E+00	68.69	2.20	7.00					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T01-C	1	1.10E+00	U1/2	1.10E+00	23.93	2.20	7.00					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T02-C	1	1.10E+00	U1/2	1.10E+00	11.16	2.20	7.00					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T03-C	1	1.10E+00	U1/2	1.10E+00	16.29	2.20	7.00	10000	1000	9.46E+02	95%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T04-C	1	1.10E+00	U1/2	1.10E+00	7.74	2.20	7.00					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T05-C	1	1.10E+00	U1/2	1.10E+00	12.14	2.20	7.00					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T06-C	1	1.10E+00	U1/2	1.10E+00	19.88	2.20	7.00					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T07-C	1	1.10E+00	U1/2	1.10E+00	41.05	2.20	7.00					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T08-C	1	1.10E+00	U1/2	1.10E+00	16.64	2.20	7.00					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-T09-C	1	1.10E+00	U1/2	1.10E+00	66.38	2.20	7.00					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	13.23	2.20	7.00					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	28.11	2.20	7.00					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	18.79	2.20	7.00					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	82.05	2.20	7.00					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	42.93	2.20	7.00					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	10.62	2.20	7.00					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	33.78	2.20	7.00					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	45.71	2.20	7.00					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Cd	SWA-L07-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	6.00	2.20	7.00					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	SWA-L07-1315-T01-A	1	2.08E+03		2.08E+03	0.17	2.60	8.30					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T02-A	1	1.82E+04		1.82E+04	0.38	2.60	8.30					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T03-A	1	1.75E+04		1.75E+04	0.30	2.60	8.30	10000	1000	1.84E+04	89%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T04-A	1	2.77E+04		2.77E+04	0.36	2.60	8.30					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T05-A	1	2.81E+04		2.81E+04	0.29	2.60	8.30					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T06-A	1	2.90E+04		2.90E+04	0.35	2.60	8.30					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T07-A	1	2.63E+04		2.63E+04	0.65	2.60	8.30					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T08-A	1	2.22E+04		2.22E+04	0.81	2.60	8.30					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T09-A	1	1.88E+04		1.88E+04	0.96	2.60	8.30					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T01-B	1	1.98E+03		1.98E+03	1.11	2.60	8.30					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T02-B	1	1.55E+04		1.55E+04	0.51	2.60	8.30					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T03-B	1	1.55E+04		1.55E+04	0.36	2.60	8.30	10000	1000	1.65E+04	94%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T04-B	1	2.61E+04		2.61E+04	0.64	2.60	8.30					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T05-B	1	2.74E+04		2.74E+04	0.77	2.60	8.30					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T06-B	1	2.86E+04		2.86E+04	0.88	2.60	8.30					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T07-B	1	2.35E+04		2.35E+04	0.71	2.60	8.30					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T08-B	1	2.25E+04		2.25E+04	0.32	2.60	8.30					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T09-B	1	1.92E+04		1.92E+04	0.60	2.60	8.30					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T01-C	1	2.11E+03		2.11E+03	2.44	2.60	8.30					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T02-C	1	1.64E+04		1.64E+04	0.46	2.60	8.30					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T03-C	1	1.69E+04		1.69E+04	0.19	2.60	8.30	10000	1000	1.78E+04	90%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T04-C	1	2.74E+04		2.74E+04	0.67	2.60	8.30					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T05-C	1	2.69E+04		2.69E+04	1.93	2.60	8.30					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T06-C	1	2.93E+04		2.93E+04	0.58	2.60	8.30					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T07-C	1	1.75E+04		1.75E+04	0.61	2.60	8.30					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T08-C	1	2.17E+04		2.17E+04	0.03	2.60	8.30					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-T09-C	1	1.28E+04		1.28E+04	0.49	2.60	8.30					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-M01-A	1	1.86E+02		1.86E+02	3.96	2.60	8.30					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-M02-A	1	1.27E+02		1.27E+02	6.91	2.60	8.30					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-M03-A	1	4.25E+01		4.25E+01	10.37	2.60	8.30					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-M04-A	1	1.26E+02		1.26E+02	6.34	2.60	8.30					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-M05-A	1	9.36E+01		9.36E+01	4.18	2.60	8.30					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-M06-A	1	7.32E+01		7.32E+01	3.30	2.60	8.30					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-M07-A	1	5.03E+01		5.03E+01	6.48	2.60	8.30					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-M08-A	1	2.37E+01		2.37E+01	3.65	2.60	8.30					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Ca	SWA-L07-1315-M09-A	1	5.65E+01		5.65E+01	6.55	2.60	8.30					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	SWA-L07-1315-T01-A	1	5.09E+01		5.09E+01	1.20	1.20	3.82					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T02-A	1	4.94E+01		4.94E+01	0.49	1.20	3.82					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T03-A	1	2.68E+01		2.68E+01	0.96	1.20	3.82	10000	1000	1.07E+03	104%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T04-A	1	5.11E+01		5.11E+01	1.35	1.20	3.82					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T05-A	1	4.99E+01		4.99E+01	1.73	1.20	3.82					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T06-A	1	5.81E+01		5.81E+01	1.13	1.20	3.82					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T07-A	1	5.32E+01		5.32E+01	0.83	1.20	3.82					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T08-A	1	3.41E+01		3.41E+01	0.60	1.20	3.82					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T09-A	1	4.82E+01		4.82E+01	0.90	1.20	3.82					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T01-B	1	4.96E+01		4.96E+01	2.12	1.20	3.82					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T02-B	1	5.35E+01		5.35E+01	0.72	1.20	3.82					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T03-B	1	2.70E+01		2.70E+01	0.79	1.20	3.82	10000	1000	9.87E+02	96%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T04-B	1	5.08E+01		5.08E+01	0.36	1.20	3.82					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T05-B	1	4.71E+01		4.71E+01	0.61	1.20	3.82					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T06-B	1	5.52E+01		5.52E+01	1.16	1.20	3.82					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T07-B	1	5.04E+01		5.04E+01	0.90	1.20	3.82					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T08-B	1	3.36E+01		3.36E+01	1.63	1.20	3.82					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T09-B	1	4.64E+01		4.64E+01	0.51	1.20	3.82					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T01-C	1	4.41E+01		4.41E+01	1.48	1.20	3.82					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T02-C	1	5.60E+01		5.60E+01	1.42	1.20	3.82					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T03-C	1	2.84E+01		2.84E+01	0.68	1.20	3.82	10000	1000	9.62E+02	93%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T04-C	1	5.50E+01		5.50E+01	1.71	1.20	3.82					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T05-C	1	4.75E+01		4.75E+01	1.05	1.20	3.82					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T06-C	1	5.85E+01		5.85E+01	0.69	1.20	3.82					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T07-C	1	5.50E+01		5.50E+01	0.80	1.20	3.82					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T08-C	1	3.46E+01		3.46E+01	0.64	1.20	3.82					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-T09-C	1	5.43E+01		5.43E+01	0.84	1.20	3.82					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	17.89	1.20	3.82					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	42.38	1.20	3.82					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	18.96	1.20	3.82					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	22.75	1.20	3.82					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	58.08	1.20	3.82					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	20.05	1.20	3.82					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	39.84	1.20	3.82					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	35.23	1.20	3.82					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Cr	SWA-L07-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	23.78	1.20	3.82					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	SWA-L07-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	29.73	1.80	5.72					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	15.18	1.80	5.72					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	47.84	1.80	5.72	10000	1000	1.01E+03	101%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	18.56	1.80	5.72					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	18.53	1.80	5.72					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	64.15	1.80	5.72					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	16.00	1.80	5.72					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	13.35	1.80	5.72					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	17.64	1.80	5.72					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	34.69	1.80	5.72					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	14.26	1.80	5.72					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	17.35	1.80	5.72	10000	1000	9.31E+02	93%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	45.77	1.80	5.72					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	23.28	1.80	5.72					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	14.95	1.80	5.72					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	12.26	1.80	5.72					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	13.84	1.80	5.72					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	30.49	1.80	5.72					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	29.81	1.80	5.72					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	26.50	1.80	5.72					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	49.27	1.80	5.72	10000	1000	9.03E+02	90%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	19.93	1.80	5.72					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	37.98	1.80	5.72					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	16.11	1.80	5.72					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	42.97	1.80	5.72					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	39.57	1.80	5.72					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	45.16	1.80	5.72					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	15.96	1.80	5.72					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	35.77	1.80	5.72					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	11.91	1.80	5.72					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	61.48	1.80	5.72					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	7.57	1.80	5.72					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	30.89	1.80	5.72					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	15.56	1.80	5.72					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	25.47	1.80	5.72					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Co	SWA-L07-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	27.11	1.80	5.72					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	SWA-L07-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	10.61	3.70	11.80					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	27.34	3.70	11.80					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	10.37	3.70	11.80	10000	1000	1.00E+03	100%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	53.50	3.70	11.80					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	32.71	3.70	11.80					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	42.02	3.70	11.80					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	30.28	3.70	11.80					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	51.50	3.70	11.80					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	47.25	3.70	11.80					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	22.12	3.70	11.80					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T02-B	1	1.85E+00	U1/2	1.85E+00	66.98	3.70	11.80					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	13.42	3.70	11.80	10000	1000	9.20E+02	92%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	37.04	3.70	11.80					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	61.65	3.70	11.80					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	15.17	3.70	11.80					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	60.84	3.70	11.80					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	8.01	3.70	11.80					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	9.69	3.70	11.80					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	25.06	3.70	11.80					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	39.92	3.70	11.80					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	52.46	3.70	11.80	10000	1000	8.89E+02	89%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	28.36	3.70	11.80					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	55.39	3.70	11.80					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	14.12	3.70	11.80					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T07-C	1	1.85E+00	U1/2	1.85E+00	34.61	3.70	11.80					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	9.02	3.70	11.80					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	13.65	3.70	11.80					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	10.01	3.70	11.80					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	70.58	3.70	11.80					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	46.55	3.70	11.80					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	23.89	3.70	11.80					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	44.75	3.70	11.80					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	23.84	3.70	11.80					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	20.79	3.70	11.80					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	25.21	3.70	11.80					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Cu	SWA-L07-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	58.11	3.70	11.80					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	SWA-L07-1315-T01-A	1	1.08E+01		1.08E+01	4.89	2.00	6.40					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T02-A	1	9.10E+00		9.10E+00	1.11	2.00	6.40					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T03-A	1	4.73E+00	E	4.73E+00	8.11	2.00	6.40	10000	1000	1.09E+03	108%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T04-A	1	5.29E+00	E	5.29E+00	6.22	2.00	6.40					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T05-A	1	4.29E+00	E	4.29E+00	13.03	2.00	6.40					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T06-A	1	3.28E+00	E	3.28E+00	12.35	2.00	6.40					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T07-A	1	3.64E+00	E	3.64E+00	5.26	2.00	6.40					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T08-A	1	2.34E+00	E	2.34E+00	12.92	2.00	6.40					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	8.90	2.00	6.40					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T01-B	1	1.17E+01		1.17E+01	4.18	2.00	6.40					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T02-B	1	9.00E+00		9.00E+00	2.73	2.00	6.40					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T03-B	1	4.22E+00	E	4.22E+00	10.14	2.00	6.40	10000	1000	9.99E+02	100%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T04-B	1	6.00E+00	E	6.00E+00	6.49	2.00	6.40					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T05-B	1	3.95E+00	E	3.95E+00	3.28	2.00	6.40					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T06-B	1	5.55E+00	E	5.55E+00	8.87	2.00	6.40					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T07-B	1	2.79E+00	E	2.79E+00	14.85	2.00	6.40					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T08-B	1	5.98E+00	E	5.98E+00	9.29	2.00	6.40					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T09-B	1	2.29E+00	E	2.29E+00	1.99	2.00	6.40					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T01-C	1	1.21E+01		1.21E+01	3.86	2.00	6.40					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T02-C	1	9.85E+00		9.85E+00	0.62	2.00	6.40					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T03-C	1	5.08E+00	E	5.08E+00	6.40	2.00	6.40	10000	1000	9.56E+02	95%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T04-C	1	5.40E+00	E	5.40E+00	6.83	2.00	6.40					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T05-C	1	3.38E+00	E	3.38E+00	2.51	2.00	6.40					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T06-C	1	3.32E+00	E	3.32E+00	8.28	2.00	6.40					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T07-C	1	6.22E+00	E	6.22E+00	2.17	2.00	6.40					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T08-C	1	2.41E+00	E	2.41E+00	1.53	2.00	6.40					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-T09-C	1	1.97E+01		1.97E+01	3.21	2.00	6.40					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	29.98	2.00	6.40					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	10.86	2.00	6.40					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	32.55	2.00	6.40					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	10.28	2.00	6.40					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	33.18	2.00	6.40					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	13.30	2.00	6.40					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	10.73	2.00	6.40					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	33.10	2.00	6.40					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Fe	SWA-L07-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	28.41	2.00	6.40					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	SWA-L07-1315-T01-A	1	3.40E+00	U1/2	3.40E+00	14.89	6.80	21.60					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T02-A	1	3.40E+00	U1/2	3.40E+00	23.92	6.80	21.60					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T03-A	1	3.40E+00	U1/2	3.40E+00	14.09	6.80	21.60	10000	1000	1.01E+03	101%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T04-A	1	3.40E+00	U1/2	3.40E+00	46.66	6.80	21.60					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T05-A	1	3.40E+00	U1/2	3.40E+00	30.12	6.80	21.60					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T06-A	1	3.40E+00	U1/2	3.40E+00	29.92	6.80	21.60					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T07-A	1	3.40E+00	U1/2	3.40E+00	37.23	6.80	21.60					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T08-A	1	3.40E+00	U1/2	3.40E+00	31.46	6.80	21.60					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T09-A	1	3.40E+00	U1/2	3.40E+00	20.99	6.80	21.60					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T01-B	1	3.40E+00	U1/2	3.40E+00	22.35	6.80	21.60					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T02-B	1	3.40E+00	U1/2	3.40E+00	33.83	6.80	21.60					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T03-B	1	3.40E+00	U1/2	3.40E+00	16.32	6.80	21.60	10000	1000	9.26E+02	92%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T04-B	1	3.40E+00	U1/2	3.40E+00	22.26	6.80	21.60					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T05-B	1	3.40E+00	U1/2	3.40E+00	57.93	6.80	21.60					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T06-B	1	3.40E+00	U1/2	3.40E+00	39.74	6.80	21.60					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T07-B	1	3.40E+00	U1/2	3.40E+00	12.12	6.80	21.60					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T08-B	1	3.40E+00	U1/2	3.40E+00	18.38	6.80	21.60					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T09-B	1	3.40E+00	U1/2	3.40E+00	38.88	6.80	21.60					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T01-C	1	3.40E+00	U1/2	3.40E+00	28.26	6.80	21.60					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T02-C	1	3.40E+00	U1/2	3.40E+00	6.94	6.80	21.60					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T03-C	1	3.40E+00	U1/2	3.40E+00	37.07	6.80	21.60	10000	1000	9.02E+02	90%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T04-C	1	3.40E+00	U1/2	3.40E+00	16.60	6.80	21.60					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T05-C	1	3.40E+00	U1/2	3.40E+00	17.28	6.80	21.60					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T06-C	1	3.40E+00	U1/2	3.40E+00	29.11	6.80	21.60					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T07-C	1	3.40E+00	U1/2	3.40E+00	41.50	6.80	21.60					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T08-C	1	3.40E+00	U1/2	3.40E+00	37.67	6.80	21.60					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-T09-C	1	3.40E+00	U1/2	3.40E+00	17.81	6.80	21.60					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	17.01	6.80	21.60					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	47.79	6.80	21.60					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	37.87	6.80	21.60					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	17.99	6.80	21.60					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	24.56	6.80	21.60					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	10.34	6.80	21.60					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	10.59	6.80	21.60					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	14.40	6.80	21.60					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Pb	SWA-L07-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	25.29	6.80	21.60					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	SWA-L07-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	3.36	1.90	6.00					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	5.25	1.90	6.00					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	13.36	1.90	6.00	10000	1000	9.55E+02	95%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	5.25	1.90	6.00					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	1.56	1.90	6.00					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	6.07	1.90	6.00					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	2.09	1.90	6.00					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	6.73	1.90	6.00					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	5.93	1.90	6.00					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	2.10	1.90	6.00					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	2.61	1.90	6.00					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	7.23	1.90	6.00	10000	1000	9.17E+02	92%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	1.62	1.90	6.00					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	3.87	1.90	6.00					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	5.20	1.90	6.00					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	9.19	1.90	6.00					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	1.21	1.90	6.00					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	7.83	1.90	6.00					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	1.79	1.90	6.00					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	11.06	1.90	6.00					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	1.05	1.90	6.00	10000	1000	8.81E+02	88%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	8.23	1.90	6.00					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	8.02	1.90	6.00					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	4.35	1.90	6.00					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	3.76	1.90	6.00					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	6.11	1.90	6.00					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	4.55	1.90	6.00					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	5.45	1.90	6.00					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	1.37	1.90	6.00					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	6.14	1.90	6.00					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	5.85	1.90	6.00					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	5.84	1.90	6.00					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	6.30	1.90	6.00					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	6.04	1.90	6.00					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	7.43	1.90	6.00					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Li	SWA-L07-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	7.57	1.90	6.00					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	SWA-L07-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	5.55	2.00	6.40					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	6.86	2.00	6.40					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	20.08	2.00	6.40	10000	1000	1.04E+03	104%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	30.94	2.00	6.40					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	11.76	2.00	6.40					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	20.25	2.00	6.40					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	23.22	2.00	6.40					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	9.86	2.00	6.40					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	10.24	2.00	6.40					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	14.49	2.00	6.40					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	27.41	2.00	6.40					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	23.81	2.00	6.40	10000	1000	9.53E+02	95%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	38.87	2.00	6.40					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	16.95	2.00	6.40					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	24.66	2.00	6.40					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	8.30	2.00	6.40					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	3.04	2.00	6.40					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	6.70	2.00	6.40					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	27.39	2.00	6.40					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	44.87	2.00	6.40					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	16.03	2.00	6.40	10000	1000	9.13E+02	91%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	39.65	2.00	6.40					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	55.47	2.00	6.40					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	8.38	2.00	6.40					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	5.79	2.00	6.40					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	9.36	2.00	6.40					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	25.00	2.00	6.40					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	1.21	2.00	6.40					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	1.17	2.00	6.40					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	35.20	2.00	6.40					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	8.19	2.00	6.40					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	26.15	2.00	6.40					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	33.16	2.00	6.40					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	37.43	2.00	6.40					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	7.42	2.00	6.40					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Mn	SWA-L07-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	118.74	2.00	6.40					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	SWA-L07-1315-T01-A	1	1.56E+00	E	1.56E+00	25.53	1.00	3.18					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T02-A	1	3.04E+01		3.04E+01	3.62	1.00	3.18					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T03-A	1	3.99E+01		3.99E+01	10.42	1.00	3.18	10000	1000	1.06E+03	102%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T04-A	1	2.00E+01		2.00E+01	4.62	1.00	3.18					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T05-A	1	9.22E+00		9.22E+00	3.76	1.00	3.18					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T06-A	1	1.16E+01		1.16E+01	7.01	1.00	3.18					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T07-A	1	2.81E+01		2.81E+01	6.26	1.00	3.18					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T08-A	1	6.36E+01		6.36E+01	1.66	1.00	3.18					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T09-A	1	3.37E+01		3.37E+01	1.95	1.00	3.18					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T01-B	1	1.62E+01		1.62E+01	8.97	1.00	3.18					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T02-B	1	2.28E+01		2.28E+01	1.90	1.00	3.18					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T03-B	1	3.05E+01		3.05E+01	1.36	1.00	3.18	10000	1000	9.64E+02	93%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T04-B	1	5.31E+00		5.31E+00	7.38	1.00	3.18					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T05-B	1	2.44E+01		2.44E+01	1.96	1.00	3.18					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T06-B	1	1.31E+01		1.31E+01	5.42	1.00	3.18					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T07-B	1	1.55E+01		1.55E+01	6.83	1.00	3.18					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T08-B	1	7.27E+01		7.27E+01	1.65	1.00	3.18					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T09-B	1	4.26E+01		4.26E+01	10.54	1.00	3.18					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T01-C	1	1.19E+01		1.19E+01	5.99	1.00	3.18					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T02-C	1	1.71E+01		1.71E+01	8.96	1.00	3.18					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T03-C	1	2.25E+01		2.25E+01	2.22	1.00	3.18	10000	1000	9.32E+02	91%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T04-C	1	1.70E+01		1.70E+01	9.42	1.00	3.18					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T05-C	1	1.75E+01		1.75E+01	5.44	1.00	3.18					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T06-C	1	7.32E+00		7.32E+00	5.82	1.00	3.18					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T07-C	1	1.36E+01		1.36E+01	6.44	1.00	3.18					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T08-C	1	6.64E+01		6.64E+01	1.84	1.00	3.18					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-T09-C	1	4.73E+01		4.73E+01	1.42	1.00	3.18					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-M01-A	1	1.04E+01		1.04E+01	1.93	1.00	3.18					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-M02-A	1	1.15E+01		1.15E+01	2.23	1.00	3.18					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-M03-A	1	4.57E+00		4.57E+00	9.08	1.00	3.18					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-M04-A	1	5.08E+00		5.08E+00	6.66	1.00	3.18					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-M05-A	1	1.26E+00	E	1.26E+00	3.92	1.00	3.18					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-M06-A	1	2.84E+00	E	2.84E+00	9.63	1.00	3.18					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-M07-A	1	2.15E+00	E	2.15E+00	1.45	1.00	3.18					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-M08-A	1	1.08E+00	E	1.08E+00	7.79	1.00	3.18					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Mg	SWA-L07-1315-M09-A	1	2.57E+00	E	2.57E+00	3.06	1.00	3.18					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	SWA-L07-1315-T01-A	1	5.44E+00		5.44E+00	8.45	1.20	3.82					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T02-A	1	4.18E+00		4.18E+00	9.24	1.20	3.82					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T03-A	1	3.06E+00	E	3.06E+00	19.54	1.20	3.82	10000	1000	1.00E+03	100%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T04-A	1	8.34E+00		8.34E+00	2.89	1.20	3.82					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T05-A	1	5.08E+00		5.08E+00	1.45	1.20	3.82					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T06-A	1	5.00E+00		5.00E+00	2.53	1.20	3.82					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T07-A	1	4.59E+00		4.59E+00	12.89	1.20	3.82					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T08-A	1	3.84E+00		3.84E+00	32.61	1.20	3.82					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T09-A	1	4.31E+00		4.31E+00	12.51	1.20	3.82					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T01-B	1	3.59E+00	E	3.59E+00	21.52	1.20	3.82					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T02-B	1	5.17E+00		5.17E+00	1.11	1.20	3.82					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T03-B	1	2.26E+00	E	2.26E+00	18.19	1.20	3.82	10000	1000	9.31E+02	93%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T04-B	1	7.23E+00		7.23E+00	8.97	1.20	3.82					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T05-B	1	4.83E+00		4.83E+00	2.45	1.20	3.82					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T06-B	1	5.13E+00		5.13E+00	10.03	1.20	3.82					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T07-B	1	4.82E+00		4.82E+00	2.26	1.20	3.82					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T08-B	1	3.93E+00		3.93E+00	31.77	1.20	3.82					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T09-B	1	4.80E+00		4.80E+00	5.38	1.20	3.82					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T01-C	1	6.81E+00		6.81E+00	7.00	1.20	3.82					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T02-C	1	7.72E+00		7.72E+00	1.14	1.20	3.82					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T03-C	1	3.53E+00	E	3.53E+00	21.12	1.20	3.82	10000	1000	8.95E+02	89%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T04-C	1	6.58E+00		6.58E+00	14.61	1.20	3.82					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T05-C	1	5.86E+00		5.86E+00	1.82	1.20	3.82					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T06-C	1	5.88E+00		5.88E+00	2.23	1.20	3.82					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T07-C	1	5.33E+00		5.33E+00	2.74	1.20	3.82					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T08-C	1	4.51E+00		4.51E+00	5.95	1.20	3.82					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-T09-C	1	5.03E+00		5.03E+00	24.62	1.20	3.82					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	28.79	1.20	3.82					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	47.84	1.20	3.82					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	24.25	1.20	3.82					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	22.64	1.20	3.82					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	3.99	1.20	3.82					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	16.90	1.20	3.82					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	39.24	1.20	3.82					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	43.47	1.20	3.82					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Mo	SWA-L07-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	26.65	1.20	3.82					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	SWA-L07-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	60.89	1.80	5.70					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	24.95	1.80	5.70					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	84.50	1.80	5.70	10000	1000	1.03E+03	103%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	22.94	1.80	5.70					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	64.19	1.80	5.70					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	71.98	1.80	5.70					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	16.91	1.80	5.70					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	69.00	1.80	5.70					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	62.54	1.80	5.70					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	15.53	1.80	5.70					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	55.28	1.80	5.70					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	18.63	1.80	5.70	10000	1000	9.45E+02	94%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	21.22	1.80	5.70					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	46.85	1.80	5.70					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	14.33	1.80	5.70					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	11.96	1.80	5.70					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	40.07	1.80	5.70					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	17.00	1.80	5.70					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	12.99	1.80	5.70					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	41.36	1.80	5.70					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	15.87	1.80	5.70	10000	1000	9.18E+02	92%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	30.56	1.80	5.70					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	3.99	1.80	5.70					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	29.64	1.80	5.70					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	3.49	1.80	5.70					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	52.90	1.80	5.70					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	12.61	1.80	5.70					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	18.54	1.80	5.70					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	62.30	1.80	5.70					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	13.33	1.80	5.70					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	37.07	1.80	5.70					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	13.38	1.80	5.70					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	55.17	1.80	5.70					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	62.72	1.80	5.70					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	38.30	1.80	5.70					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Ni	SWA-L07-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	22.48	1.80	5.70					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	SWA-L07-1315-T01-A	1	2.72E+01		2.72E+01	2.03	3.70	11.80					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T02-A	1	8.85E+00	E	8.85E+00	10.05	3.70	11.80					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T03-A	1	1.51E+01		1.51E+01	8.67	3.70	11.80	10000	1000	1.07E+03	106%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T04-A	1	9.22E+00	E	9.22E+00	11.99	3.70	11.80					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T05-A	1	1.01E+01	E	1.01E+01	4.71	3.70	11.80					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T06-A	1	1.67E+01		1.67E+01	7.04	3.70	11.80					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T07-A	1	1.28E+01		1.28E+01	7.15	3.70	11.80					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	20.42	3.70	11.80					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T09-A	1	2.00E+01		2.00E+01	8.82	3.70	11.80					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T01-B	1	2.62E+01		2.62E+01	13.37	3.70	11.80					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T02-B	1	2.25E+01		2.25E+01	5.29	3.70	11.80					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T03-B	1	1.27E+01		1.27E+01	6.27	3.70	11.80	10000	1000	9.83E+02	97%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T04-B	1	7.61E+00	E	7.61E+00	6.33	3.70	11.80					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T05-B	1	1.98E+01		1.98E+01	5.54	3.70	11.80					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T06-B	1	1.48E+01		1.48E+01	6.44	3.70	11.80					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T07-B	1	1.51E+01		1.51E+01	8.82	3.70	11.80					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T08-B	1	5.01E+00	E	5.01E+00	12.75	3.70	11.80					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T09-B	1	1.56E+01		1.56E+01	6.30	3.70	11.80					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T01-C	1	1.86E+01		1.86E+01	3.78	3.70	11.80					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T02-C	1	1.49E+01		1.49E+01	3.61	3.70	11.80					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T03-C	1	1.86E+01		1.86E+01	4.13	3.70	11.80	10000	1000	9.53E+02	93%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T04-C	1	1.50E+01		1.50E+01	8.93	3.70	11.80					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T05-C	1	7.74E+00	E	7.74E+00	11.87	3.70	11.80					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	27.21	3.70	11.80					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T07-C	1	8.17E+00	E	8.17E+00	12.65	3.70	11.80					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T08-C	1	1.25E+01		1.25E+01	13.41	3.70	11.80					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-T09-C	1	1.21E+01		1.21E+01	11.57	3.70	11.80					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	5.89	3.70	11.80					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	5.12	3.70	11.80					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	21.35	3.70	11.80					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	4.08	3.70	11.80					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	5.05	3.70	11.80					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	11.80	3.70	11.80					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	48.03	3.70	11.80					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	17.26	3.70	11.80					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
P	SWA-L07-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	24.75	3.70	11.80					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	SWA-L07-1315-T01-A	1	1.36E+04		1.36E+04	0.52	1.60	5.09					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T02-A	1	2.52E+04		2.52E+04	0.73	1.60	5.09					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T03-A	1	1.32E+04		1.32E+04	0.29	1.60	5.09	10000	1000	1.41E+04	90%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T04-A	1	3.75E+04		3.75E+04	0.36	1.60	5.09					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T05-A	1	2.68E+04		2.68E+04	0.76	1.60	5.09					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T06-A	1	3.19E+04		3.19E+04	0.56	1.60	5.09					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T07-A	1	2.19E+04		2.19E+04	1.08	1.60	5.09					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T08-A	1	8.68E+03		8.68E+03	0.80	1.60	5.09					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T09-A	1	1.34E+04		1.34E+04	0.70	1.60	5.09					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T01-B	1	1.30E+04		1.30E+04	0.81	1.60	5.09					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T02-B	1	2.40E+04		2.40E+04	0.60	1.60	5.09					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T03-B	1	1.26E+04		1.26E+04	0.38	1.60	5.09	10000	1000	1.36E+04	101%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T04-B	1	3.50E+04		3.50E+04	0.65	1.60	5.09					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T05-B	1	2.57E+04		2.57E+04	0.64	1.60	5.09					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T06-B	1	3.06E+04		3.06E+04	1.39	1.60	5.09					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T07-B	1	2.10E+04		2.10E+04	0.77	1.60	5.09					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T08-B	1	8.32E+03		8.32E+03	0.38	1.60	5.09					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T09-B	1	1.31E+04		1.31E+04	0.67	1.60	5.09					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T01-C	1	1.39E+04		1.39E+04	1.13	1.60	5.09					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T02-C	1	2.51E+04		2.51E+04	0.29	1.60	5.09					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T03-C	1	1.27E+04		1.27E+04	0.04	1.60	5.09	10000	1000	1.36E+04	93%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T04-C	1	3.50E+04		3.50E+04	0.57	1.60	5.09					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T05-C	1	2.44E+04		2.44E+04	1.19	1.60	5.09					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T06-C	1	3.08E+04		3.08E+04	1.14	1.60	5.09					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T07-C	1	2.11E+04		2.11E+04	1.69	1.60	5.09					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T08-C	1	8.82E+03		8.82E+03	0.24	1.60	5.09					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-T09-C	1	1.34E+04		1.34E+04	0.59	1.60	5.09					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-M01-A	1	1.43E+01		1.43E+01	5.10	1.60	5.09					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-M02-A	1	1.13E+01		1.13E+01	7.62	1.60	5.09					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-M03-A	1	2.27E+00	E	2.27E+00	2.00	1.60	5.09					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-M04-A	1	2.50E+00	E	2.50E+00	1.27	1.60	5.09					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-M05-A	1	3.45E+00	E	3.45E+00	2.33	1.60	5.09					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-M06-A	1	5.28E+00		5.28E+00	2.02	1.60	5.09					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-M07-A	1	4.84E+00	E	4.84E+00	1.32	1.60	5.09					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-M08-A	1	5.57E+00		5.57E+00	1.74	1.60	5.09					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
K	SWA-L07-1315-M09-A	1	8.03E+00		8.03E+00	9.79	1.60	5.09					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	SWA-L07-1315-T01-A	1	2.80E+03		2.80E+03	0.74	15.00	47.70					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T02-A	1	3.51E+03		3.51E+03	0.97	15.00	47.70					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T03-A	1	1.64E+03		1.64E+03	0.45	15.00	47.70	10000	1000	2.60E+03	96%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T04-A	1	4.54E+03		4.54E+03	0.39	15.00	47.70					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T05-A	1	2.79E+03		2.79E+03	1.45	15.00	47.70					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T06-A	1	3.02E+03		3.02E+03	0.64	15.00	47.70					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T07-A	1	1.80E+03		1.80E+03	0.46	15.00	47.70					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T08-A	1	5.65E+02		5.65E+02	2.64	15.00	47.70					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T09-A	1	1.00E+03		1.00E+03	0.78	15.00	47.70					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T01-B	1	2.76E+03		2.76E+03	0.91	15.00	47.70					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T02-B	1	3.33E+03		3.33E+03	1.55	15.00	47.70					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T03-B	1	1.57E+03		1.57E+03	0.47	15.00	47.70	10000	1000	2.58E+03	102%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T04-B	1	4.26E+03		4.26E+03	0.55	15.00	47.70					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T05-B	1	2.73E+03		2.73E+03	1.46	15.00	47.70					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T06-B	1	2.94E+03		2.94E+03	0.48	15.00	47.70					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T07-B	1	1.70E+03		1.70E+03	0.73	15.00	47.70					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T08-B	1	5.70E+02		5.70E+02	1.85	15.00	47.70					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T09-B	1	9.91E+02		9.91E+02	0.93	15.00	47.70					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T01-C	1	2.83E+03		2.83E+03	1.80	15.00	47.70					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T02-C	1	3.38E+03		3.38E+03	1.02	15.00	47.70					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T03-C	1	1.49E+03		1.49E+03	1.98	15.00	47.70	10000	1000	2.47E+03	98%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T04-C	1	3.99E+03		3.99E+03	0.95	15.00	47.70					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T05-C	1	2.34E+03		2.34E+03	0.97	15.00	47.70					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T06-C	1	2.77E+03		2.77E+03	0.16	15.00	47.70					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T07-C	1	1.57E+03		1.57E+03	1.59	15.00	47.70					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T08-C	1	5.34E+02		5.34E+02	1.29	15.00	47.70					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-T09-C	1	9.37E+02		9.37E+02	2.63	15.00	47.70					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	36.93	15.00	47.70					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	24.62	15.00	47.70					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	23.16	15.00	47.70					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	29.07	15.00	47.70					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	19.78	15.00	47.70					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	9.92	15.00	47.70					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	34.96	15.00	47.70					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	39.89	15.00	47.70					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Se	SWA-L07-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	19.72	15.00	47.70					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	SWA-L07-1315-T01-A	1	1.41E+03		1.41E+03	0.35	1.10	3.50					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T02-A	1	4.11E+03		4.11E+03	0.86	1.10	3.50					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T03-A	1	3.16E+03		3.16E+03	0.83	1.10	3.50	10000	1000	4.20E+03	104%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T04-A	1	7.52E+03		7.52E+03	1.14	1.10	3.50					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T05-A	1	7.04E+03		7.04E+03	0.25	1.10	3.50					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T06-A	1	8.16E+03		8.16E+03	0.89	1.10	3.50					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T07-A	1	7.65E+03		7.65E+03	0.42	1.10	3.50					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T08-A	1	5.53E+03		5.53E+03	0.54	1.10	3.50					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T09-A	1	7.38E+03		7.38E+03	0.95	1.10	3.50					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T01-B	1	1.24E+03		1.24E+03	1.36	1.10	3.50					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T02-B	1	3.73E+03		3.73E+03	0.41	1.10	3.50					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T03-B	1	2.88E+03		2.88E+03	0.31	1.10	3.50	10000	1000	3.86E+03	98%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T04-B	1	7.04E+03		7.04E+03	0.34	1.10	3.50					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T05-B	1	6.70E+03		6.70E+03	0.44	1.10	3.50					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T06-B	1	7.79E+03		7.79E+03	1.92	1.10	3.50					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T07-B	1	7.26E+03		7.26E+03	1.05	1.10	3.50					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T08-B	1	5.32E+03		5.32E+03	0.46	1.10	3.50					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T09-B	1	7.13E+03		7.13E+03	0.69	1.10	3.50					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T01-C	1	1.31E+03		1.31E+03	0.80	1.10	3.50					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T02-C	1	3.76E+03		3.76E+03	1.16	1.10	3.50					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T03-C	1	2.95E+03		2.95E+03	0.46	1.10	3.50	10000	1000	3.89E+03	94%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T04-C	1	7.04E+03		7.04E+03	0.34	1.10	3.50					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T05-C	1	6.82E+03		6.82E+03	5.00	1.10	3.50					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T06-C	1	7.92E+03		7.92E+03	0.79	1.10	3.50					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T07-C	1	7.74E+03		7.74E+03	0.86	1.10	3.50					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T08-C	1	5.58E+03		5.58E+03	0.66	1.10	3.50					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-T09-C	1	7.92E+03		7.92E+03	1.46	1.10	3.50					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	1.56	1.10	3.50					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	8.98	1.10	3.50					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	51.33	1.10	3.50					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	20.95	1.10	3.50					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	81.70	1.10	3.50					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	30.84	1.10	3.50					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	33.60	1.10	3.50					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	12.64	1.10	3.50					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Si	SWA-L07-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	35.43	1.10	3.50					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	SWA-L07-1315-T01-A	1	5.58E+04		5.58E+04	0.05	2.50	8.00					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T02-A	1	8.29E+04		8.29E+04	0.62	2.50	8.00					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T03-A	1	5.28E+04		5.28E+04	0.23	2.50	8.00	10000	1000	5.38E+04	92%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T04-A	1	1.14E+05		1.14E+05	0.66	2.50	8.00					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T05-A	1	9.05E+04		9.05E+04	1.03	2.50	8.00					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T06-A	1	1.05E+05		1.05E+05	0.59	2.50	8.00					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T07-A	1	8.00E+04		8.00E+04	0.33	2.50	8.00					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T08-A	1	3.85E+04		3.85E+04	0.30	2.50	8.00					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T09-A	1	5.85E+04		5.85E+04	0.47	2.50	8.00					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T01-B	1	5.31E+04		5.31E+04	0.11	2.50	8.00					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T02-B	1	8.14E+04		8.14E+04	1.03	2.50	8.00					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T03-B	1	4.96E+04		4.96E+04	0.68	2.50	8.00	10000	1000	5.05E+04	91%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T04-B	1	1.08E+05		1.08E+05	0.65	2.50	8.00					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T05-B	1	8.74E+04		8.74E+04	0.12	2.50	8.00					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T06-B	1	1.01E+05		1.01E+05	0.08	2.50	8.00					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T07-B	1	7.64E+04		7.64E+04	0.28	2.50	8.00					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T08-B	1	3.64E+04		3.64E+04	0.72	2.50	8.00					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T09-B	1	5.58E+04		5.58E+04	0.20	2.50	8.00					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T01-C	1	5.50E+04		5.50E+04	0.58	2.50	8.00					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T02-C	1	8.32E+04		8.32E+04	0.76	2.50	8.00					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T03-C	1	4.97E+04		4.97E+04	0.63	2.50	8.00	10000	1000	5.05E+04	85%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T04-C	1	1.07E+05		1.07E+05	0.93	2.50	8.00					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T05-C	1	8.16E+04		8.16E+04	1.22	2.50	8.00					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T06-C	1	9.94E+04		9.94E+04	0.15	2.50	8.00					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T07-C	1	7.62E+04		7.62E+04	0.95	2.50	8.00					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T08-C	1	3.72E+04		3.72E+04	0.83	2.50	8.00					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-T09-C	1	5.64E+04		5.64E+04	1.09	2.50	8.00					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-M01-A	1	2.90E+01		2.90E+01	2.66	2.50	8.00					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-M02-A	1	2.50E+01		2.50E+01	1.21	2.50	8.00					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-M03-A	1	1.96E+01		1.96E+01	11.45	2.50	8.00					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-M04-A	1	1.59E+01		1.59E+01	32.18	2.50	8.00					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-M05-A	1	1.43E+01		1.43E+01	27.43	2.50	8.00					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-M06-A	1	1.10E+01		1.10E+01	44.92	2.50	8.00					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-M07-A	1	7.60E+00	E	7.60E+00	3.18	2.50	8.00					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-M08-A	1	1.19E+01		1.19E+01	28.33	2.50	8.00					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Na	SWA-L07-1315-M09-A	1	1.68E+01		1.68E+01	2.99	2.50	8.00					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	SWA-L07-1315-T01-A	1	2.09E+01		2.09E+01	1.01	1.00	3.18					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T02-A	1	1.63E+02		1.63E+02	0.84	1.00	3.18					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T03-A	1	1.28E+02		1.28E+02	0.59	1.00	3.18	10000	1000	1.19E+03	106%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T04-A	1	2.29E+02		2.29E+02	0.72	1.00	3.18					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T05-A	1	2.31E+02		2.31E+02	0.07	1.00	3.18					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T06-A	1	2.59E+02		2.59E+02	0.14	1.00	3.18					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T07-A	1	2.41E+02		2.41E+02	0.78	1.00	3.18					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T08-A	1	1.96E+02		1.96E+02	1.08	1.00	3.18					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T09-A	1	1.87E+02		1.87E+02	1.53	1.00	3.18					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T01-B	1	1.89E+01		1.89E+01	5.85	1.00	3.18					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T02-B	1	1.43E+02		1.43E+02	0.99	1.00	3.18					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T03-B	1	1.22E+02		1.22E+02	1.16	1.00	3.18	10000	1000	1.09E+03	96%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T04-B	1	2.26E+02		2.26E+02	0.05	1.00	3.18					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T05-B	1	2.31E+02		2.31E+02	0.45	1.00	3.18					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T06-B	1	2.57E+02		2.57E+02	0.96	1.00	3.18					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T07-B	1	2.28E+02		2.28E+02	0.61	1.00	3.18					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T08-B	1	2.00E+02		2.00E+02	1.08	1.00	3.18					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T09-B	1	1.90E+02		1.90E+02	0.27	1.00	3.18					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T01-C	1	2.05E+01		2.05E+01	3.19	1.00	3.18					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T02-C	1	1.54E+02		1.54E+02	0.21	1.00	3.18					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T03-C	1	1.32E+02		1.32E+02	0.94	1.00	3.18	10000	1000	1.05E+03	92%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T04-C	1	2.37E+02		2.37E+02	0.55	1.00	3.18					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T05-C	1	2.27E+02		2.27E+02	1.54	1.00	3.18					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T06-C	1	2.66E+02		2.66E+02	0.45	1.00	3.18					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T07-C	1	1.90E+02		1.90E+02	1.06	1.00	3.18					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T08-C	1	2.18E+02		2.18E+02	0.49	1.00	3.18					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-T09-C	1	1.44E+02		1.44E+02	0.56	1.00	3.18					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	36.77	1.00	3.18					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	6.91	1.00	3.18					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	17.57	1.00	3.18					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	11.53	1.00	3.18					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	16.90	1.00	3.18					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	24.35	1.00	3.18					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	28.76	1.00	3.18					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	38.06	1.00	3.18					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Sr	SWA-L07-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	18.39	1.00	3.18					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	SWA-L07-1315-T01-A	1	1.13E+04		1.13E+04	1.09	6.80	21.60					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T02-A	1	1.51E+04		1.51E+04	0.14	6.80	21.60					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T03-A	1	6.89E+03		6.89E+03	1.16	6.80	21.60	10000	1000	7.80E+03	91%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T04-A	1	2.22E+04		2.22E+04	1.26	6.80	21.60					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T05-A	1	1.42E+04		1.42E+04	0.92	6.80	21.60					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T06-A	1	1.77E+04		1.77E+04	0.30	6.80	21.60					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T07-A	1	9.67E+03		9.67E+03	1.94	6.80	21.60					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T08-A	1	2.53E+03		2.53E+03	0.49	6.80	21.60					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T09-A	1	5.10E+03		5.10E+03	0.84	6.80	21.60					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T01-B	1	1.16E+04		1.16E+04	0.69	6.80	21.60					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T02-B	1	1.50E+04		1.50E+04	0.61	6.80	21.60					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T03-B	1	6.50E+03		6.50E+03	0.58	6.80	21.60	10000	1000	7.45E+03	95%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T04-B	1	2.18E+04		2.18E+04	0.95	6.80	21.60					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T05-B	1	1.38E+04		1.38E+04	0.38	6.80	21.60					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T06-B	1	1.82E+04		1.82E+04	0.99	6.80	21.60					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T07-B	1	1.04E+04		1.04E+04	0.37	6.80	21.60					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T08-B	1	2.51E+03		2.51E+03	2.54	6.80	21.60					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T09-B	1	5.16E+03		5.16E+03	1.11	6.80	21.60					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T01-C	1	1.14E+04		1.14E+04	1.03	6.80	21.60					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T02-C	1	1.55E+04		1.55E+04	0.80	6.80	21.60					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T03-C	1	6.30E+03		6.30E+03	1.14	6.80	21.60	10000	1000	7.16E+03	87%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T04-C	1	1.96E+04		1.96E+04	0.80	6.80	21.60					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T05-C	1	1.19E+04		1.19E+04	1.38	6.80	21.60					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T06-C	1	1.51E+04		1.51E+04	0.96	6.80	21.60					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T07-C	1	8.13E+03		8.13E+03	0.99	6.80	21.60					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T08-C	1	2.43E+03		2.43E+03	1.26	6.80	21.60					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-T09-C	1	4.58E+03		4.58E+03	0.53	6.80	21.60					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	12.87	6.80	21.60					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	16.44	6.80	21.60					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	6.93	6.80	21.60					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	10.76	6.80	21.60					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	14.60	6.80	21.60					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	10.17	6.80	21.60					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	11.94	6.80	21.60					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	9.57	6.80	21.60					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
S	SWA-L07-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	13.24	6.80	21.60					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	SWA-L07-1315-T01-A	1	2.30E+00	U1/2	2.30E+00	62.87	4.60	14.60					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T02-A	1	2.30E+00	U1/2	2.30E+00	53.72	4.60	14.60					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T03-A	1	2.30E+00	U1/2	2.30E+00	39.88	4.60	14.60	10000	1000	1.01E+03	101%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T04-A	1	2.30E+00	U1/2	2.30E+00	43.73	4.60	14.60					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T05-A	1	2.30E+00	U1/2	2.30E+00	19.40	4.60	14.60					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T06-A	1	2.30E+00	U1/2	2.30E+00	29.32	4.60	14.60					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T07-A	1	2.30E+00	U1/2	2.30E+00	12.81	4.60	14.60					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T08-A	1	2.30E+00	U1/2	2.30E+00	54.27	4.60	14.60					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T09-A	1	2.30E+00	U1/2	2.30E+00	83.13	4.60	14.60					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T01-B	1	2.30E+00	U1/2	2.30E+00	15.89	4.60	14.60					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T02-B	1	2.30E+00	U1/2	2.30E+00	33.23	4.60	14.60					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T03-B	1	2.30E+00	U1/2	2.30E+00	27.30	4.60	14.60	10000	1000	9.38E+02	94%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T04-B	1	2.30E+00	U1/2	2.30E+00	15.73	4.60	14.60					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T05-B	1	2.30E+00	U1/2	2.30E+00	65.41	4.60	14.60					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T06-B	1	2.30E+00	U1/2	2.30E+00	10.58	4.60	14.60					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T07-B	1	2.30E+00	U1/2	2.30E+00	98.08	4.60	14.60					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T08-B	1	2.30E+00	U1/2	2.30E+00	49.45	4.60	14.60					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T09-B	1	2.30E+00	U1/2	2.30E+00	36.17	4.60	14.60					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T01-C	1	2.30E+00	U1/2	2.30E+00	23.19	4.60	14.60					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T02-C	1	2.30E+00	U1/2	2.30E+00	77.93	4.60	14.60					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T03-C	1	2.30E+00	U1/2	2.30E+00	14.88	4.60	14.60	10000	1000	9.13E+02	91%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T04-C	1	2.30E+00	U1/2	2.30E+00	11.90	4.60	14.60					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T05-C	1	2.30E+00	U1/2	2.30E+00	70.46	4.60	14.60					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T06-C	1	2.30E+00	U1/2	2.30E+00	31.43	4.60	14.60					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T07-C	1	2.30E+00	U1/2	2.30E+00	59.26	4.60	14.60					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T08-C	1	2.30E+00	U1/2	2.30E+00	39.96	4.60	14.60					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-T09-C	1	2.30E+00	U1/2	2.30E+00	17.57	4.60	14.60					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	16.71	4.60	14.60					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	38.84	4.60	14.60					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	84.03	4.60	14.60					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	10.15	4.60	14.60					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	43.19	4.60	14.60					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	93.82	4.60	14.60					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	12.16	4.60	14.60					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	85.80	4.60	14.60					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Tl	SWA-L07-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	14.53	4.60	14.60					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	SWA-L07-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	47.88	2.00	6.40					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	16.21	2.00	6.40					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	90.03	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	85.26	2.00	6.40					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	11.68	2.00	6.40					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	40.55	2.00	6.40					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	22.30	2.00	6.40					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	22.34	2.00	6.40					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	52.60	2.00	6.40					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	64.44	2.00	6.40					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	56.63	2.00	6.40					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	14.59	2.00	6.40	10000	1000	9.23E+02	92%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	12.42	2.00	6.40					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	79.10	2.00	6.40					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	69.37	2.00	6.40					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	46.75	2.00	6.40					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	15.93	2.00	6.40					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	11.20	2.00	6.40					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	31.68	2.00	6.40					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	10.87	2.00	6.40					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	10.54	2.00	6.40	10000	1000	8.79E+02	88%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	87.24	2.00	6.40					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	22.73	2.00	6.40					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	16.21	2.00	6.40					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	10.02	2.00	6.40					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	17.60	2.00	6.40					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	39.36	2.00	6.40					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	76.84	2.00	6.40					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	93.87	2.00	6.40					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	53.85	2.00	6.40					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	62.18	2.00	6.40					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	9.34	2.00	6.40					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	15.30	2.00	6.40					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	36.64	2.00	6.40					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	17.56	2.00	6.40					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Ti	SWA-L07-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	65.96	2.00	6.40					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	SWA-L07-1315-T01-A	1	1.59E+01		1.59E+01	3.24	1.50	4.77					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T02-A	1	1.62E+01		1.62E+01	5.93	1.50	4.77					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T03-A	1	1.07E+01		1.07E+01	6.11	1.50	4.77	10000	1000	1.04E+03	103%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T04-A	1	2.22E+01		2.22E+01	3.56	1.50	4.77					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T05-A	1	1.74E+01		1.74E+01	6.99	1.50	4.77					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T06-A	1	2.07E+01		2.07E+01	2.39	1.50	4.77					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T07-A	1	1.81E+01		1.81E+01	1.65	1.50	4.77					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T08-A	1	9.40E+00		9.40E+00	6.78	1.50	4.77					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T09-A	1	1.51E+01		1.51E+01	6.59	1.50	4.77					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T01-B	1	1.48E+01		1.48E+01	4.65	1.50	4.77					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T02-B	1	1.53E+01		1.53E+01	0.93	1.50	4.77					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T03-B	1	8.88E+00		8.88E+00	2.37	1.50	4.77	10000	1000	9.50E+02	94%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T04-B	1	2.14E+01		2.14E+01	4.21	1.50	4.77					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T05-B	1	1.78E+01		1.78E+01	4.07	1.50	4.77					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T06-B	1	2.07E+01		2.07E+01	3.87	1.50	4.77					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T07-B	1	1.60E+01		1.60E+01	3.15	1.50	4.77					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T08-B	1	1.03E+01		1.03E+01	3.80	1.50	4.77					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T09-B	1	1.42E+01		1.42E+01	4.55	1.50	4.77					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T01-C	1	1.55E+01		1.55E+01	1.49	1.50	4.77					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T02-C	1	1.57E+01		1.57E+01	1.72	1.50	4.77					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T03-C	1	9.79E+00		9.79E+00	2.00	1.50	4.77	10000	1000	9.17E+02	91%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T04-C	1	2.16E+01		2.16E+01	0.48	1.50	4.77					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T05-C	1	1.77E+01		1.77E+01	1.88	1.50	4.77					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T06-C	1	2.11E+01		2.11E+01	0.98	1.50	4.77					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T07-C	1	1.78E+01		1.78E+01	1.07	1.50	4.77					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T08-C	1	9.96E+00		9.96E+00	8.52	1.50	4.77					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-T09-C	1	1.64E+01		1.64E+01	2.29	1.50	4.77					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	35.59	1.50	4.77					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	27.30	1.50	4.77					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	37.68	1.50	4.77					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	32.41	1.50	4.77					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	46.44	1.50	4.77					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	40.23	1.50	4.77					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	54.90	1.50	4.77					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	28.72	1.50	4.77					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
V	SWA-L07-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	34.27	1.50	4.77					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	SWA-L07-1315-T01-A	1	3.53E+00		3.53E+00	5.35	1.00	3.18					VU ICP-OES	3/1/11 12:20 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T02-A	1	3.01E+00	E	3.01E+00	17.75	1.00	3.18					VU ICP-OES	3/1/11 2:17 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T03-A	1	1.11E+00	E	1.11E+00	16.04	1.00	3.18	10000	1000	1.09E+03	109%	VU ICP-OES	3/1/11 12:23 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T04-A	1	2.14E+00	E	2.14E+00	22.05	1.00	3.18					VU ICP-OES	3/1/11 12:25 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T05-A	1	5.00E-01	U1/2	5.00E-01	59.93	1.00	3.18					VU ICP-OES	3/1/11 12:26 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T06-A	1	5.00E-01	U1/2	5.00E-01	55.93	1.00	3.18					VU ICP-OES	3/1/11 12:28 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T07-A	1	6.51E+00		6.51E+00	5.70	1.00	3.18					VU ICP-OES	3/1/11 12:29 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T08-A	1	1.39E+00	E	1.39E+00	7.94	1.00	3.18					VU ICP-OES	3/1/11 12:31 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T09-A	1	1.23E+00	E	1.23E+00	35.61	1.00	3.18					VU ICP-OES	3/1/11 12:33 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T01-B	1	5.04E+00		5.04E+00	1.83	1.00	3.18					VU ICP-OES	3/1/11 12:34 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T02-B	1	2.78E+00	E	2.78E+00	14.31	1.00	3.18					VU ICP-OES	3/1/11 12:36 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T03-B	1	1.54E+00	E	1.54E+00	16.19	1.00	3.18	10000	1000	1.01E+03	100%	VU ICP-OES	3/1/11 12:38 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T04-B	1	5.00E-01	U1/2	5.00E-01	46.46	1.00	3.18					VU ICP-OES	3/1/11 12:39 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T05-B	1	1.03E+00	E	1.03E+00	30.20	1.00	3.18					VU ICP-OES	3/1/11 12:41 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T06-B	1	1.24E+00	E	1.24E+00	21.46	1.00	3.18					VU ICP-OES	3/1/11 12:43 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T07-B	1	8.20E+00		8.20E+00	2.67	1.00	3.18					VU ICP-OES	3/1/11 12:44 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T08-B	1	2.71E+00	E	2.71E+00	2.51	1.00	3.18					VU ICP-OES	3/1/11 12:46 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T09-B	1	2.94E+00	E	2.94E+00	1.77	1.00	3.18					VU ICP-OES	3/1/11 12:48 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T01-C	1	3.12E+00	E	3.12E+00	14.17	1.00	3.18					VU ICP-OES	3/1/11 12:56 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T02-C	1	1.64E+00	E	1.64E+00	26.32	1.00	3.18					VU ICP-OES	3/1/11 12:57 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T03-C	1	1.78E+00	E	1.78E+00	10.82	1.00	3.18	10000	1000	9.67E+02	97%	VU ICP-OES	3/1/11 12:59 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T04-C	1	1.57E+00	E	1.57E+00	19.73	1.00	3.18					VU ICP-OES	3/1/11 1:01 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T05-C	1	1.43E+00	E	1.43E+00	33.71	1.00	3.18					VU ICP-OES	3/1/11 1:02 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T06-C	1	1.30E+00	E	1.30E+00	27.82	1.00	3.18					VU ICP-OES	3/1/11 1:04 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T07-C	1	2.07E+01		2.07E+01	3.36	1.00	3.18					VU ICP-OES	3/1/11 1:06 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T08-C	1	1.58E+00	E	1.58E+00	15.68	1.00	3.18					VU ICP-OES	3/1/11 1:07 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-T09-C	1	2.78E+00	E	2.78E+00	9.96	1.00	3.18					VU ICP-OES	3/1/11 1:09 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	0.78	1.00	3.18					VU ICP-OES	3/1/11 12:00 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	6.38	1.00	3.18					VU ICP-OES	3/1/11 12:02 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	35.48	1.00	3.18					VU ICP-OES	3/1/11 2:15 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	9.63	1.00	3.18					VU ICP-OES	3/1/11 12:05 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	6.93	1.00	3.18					VU ICP-OES	3/1/11 4:06 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	9.26	1.00	3.18					VU ICP-OES	3/1/11 12:08 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	12.78	1.00	3.18					VU ICP-OES	3/1/11 12:10 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	11.72	1.00	3.18					VU ICP-OES	3/1/11 12:11 PM	EPA Interlab L07 1315 SWA
Zn	SWA-L07-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	2.83	1.00	3.18					VU ICP-OES	3/1/11 12:13 PM	EPA Interlab L07 1315 SWA

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	SWA-L09-1315-T01-A	1	9.90E+02		9.90E+02	2.17	1.00	3.18					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T02-A	1	2.52E+03		2.52E+03	1.38	1.00	3.18					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T03-A	1	2.14E+03		2.14E+03	1.04	1.00	3.18	10000	1000	3.15E+03	102%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T04-A	1	3.75E+03		3.75E+03	2.11	1.00	3.18					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T05-A	1	3.46E+03		3.46E+03	0.83	1.00	3.18					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T06-A	1	4.30E+03		4.30E+03	1.81	1.00	3.18					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T07-A	1	3.61E+03		3.61E+03	1.09	1.00	3.18					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T08-A	1	2.35E+03		2.35E+03	0.60	1.00	3.18					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T09-A	1	3.08E+03		3.08E+03	2.61	1.00	3.18					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T01-B	1	1.01E+03		1.01E+03	1.05	1.00	3.18					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T02-B	1	2.93E+03		2.93E+03	0.82	1.00	3.18					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T03-B	1	1.67E+03		1.67E+03	3.02	1.00	3.18	10000	1000	2.64E+03	98%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T04-B	1	3.43E+03		3.43E+03	0.79	1.00	3.18					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T05-B	1	3.43E+03		3.43E+03	1.86	1.00	3.18					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T06-B	1	3.99E+03		3.99E+03	3.09	1.00	3.18					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T07-B	1	3.47E+03		3.47E+03	1.24	1.00	3.18					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T08-B	1	2.30E+03		2.30E+03	0.78	1.00	3.18					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T09-B	1	2.95E+03		2.95E+03	1.30	1.00	3.18					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T01-C	1	1.01E+03		1.01E+03	0.34	1.00	3.18					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T02-C	1	2.46E+03		2.46E+03	0.90	1.00	3.18					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T03-C	1	1.90E+03		1.90E+03	0.53	1.00	3.18	10000	1000	2.81E+03	91%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T04-C	1	3.90E+03		3.90E+03	1.96	1.00	3.18					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T05-C	1	3.44E+03		3.44E+03	1.66	1.00	3.18					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T06-C	1	4.41E+03		4.41E+03	1.19	1.00	3.18					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T07-C	1	3.55E+03		3.55E+03	1.10	1.00	3.18					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T08-C	1	2.33E+03		2.33E+03	1.23	1.00	3.18					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-T09-C	1	3.13E+03		3.13E+03	1.98	1.00	3.18					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	2.25	1.00	3.18					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	2.67	1.00	3.18					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	1.23	1.00	3.18					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.55	1.00	3.18					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	3.86	1.00	3.18					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	3.34	1.00	3.18					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	8.71	1.00	3.18					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	27.41	1.00	3.18					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Al	SWA-L09-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	1.23	1.00	3.18					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	SWA-L09-1315-T01-A	1	1.27E+02		1.27E+02	4.52	7.50	23.90					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T02-A	1	2.49E+02		2.49E+02	4.92	7.50	23.90					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T03-A	1	2.29E+02		2.29E+02	2.00	7.50	23.90	10000	1000	1.30E+03	107%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T04-A	1	3.87E+02		3.87E+02	1.75	7.50	23.90					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T05-A	1	3.65E+02		3.65E+02	1.41	7.50	23.90					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T06-A	1	4.39E+02		4.39E+02	3.47	7.50	23.90					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T07-A	1	3.09E+02		3.09E+02	2.56	7.50	23.90					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T08-A	1	2.16E+02		2.16E+02	1.00	7.50	23.90					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T09-A	1	2.67E+02		2.67E+02	3.80	7.50	23.90					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T01-B	1	1.30E+02		1.30E+02	1.49	7.50	23.90					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T02-B	1	2.76E+02		2.76E+02	3.70	7.50	23.90					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T03-B	1	1.42E+02		1.42E+02	3.41	7.50	23.90	10000	1000	1.22E+03	108%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T04-B	1	2.78E+02		2.78E+02	3.19	7.50	23.90					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T05-B	1	2.90E+02		2.90E+02	5.20	7.50	23.90					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T06-B	1	3.38E+02		3.38E+02	3.03	7.50	23.90					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T07-B	1	2.84E+02		2.84E+02	2.68	7.50	23.90					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T08-B	1	2.00E+02		2.00E+02	6.32	7.50	23.90					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T09-B	1	2.48E+02		2.48E+02	2.49	7.50	23.90					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T01-C	1	1.67E+02		1.67E+02	4.06	7.50	23.90					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T02-C	1	3.24E+02		3.24E+02	2.65	7.50	23.90					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T03-C	1	1.69E+02		1.69E+02	0.84	7.50	23.90	10000	1000	1.29E+03	112%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T04-C	1	3.29E+02		3.29E+02	2.96	7.50	23.90					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T05-C	1	2.82E+02		2.82E+02	1.87	7.50	23.90					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T06-C	1	3.86E+02		3.86E+02	2.07	7.50	23.90					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T07-C	1	2.88E+02		2.88E+02	0.79	7.50	23.90					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T08-C	1	2.21E+02		2.21E+02	0.76	7.50	23.90					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-T09-C	1	2.65E+02		2.65E+02	3.84	7.50	23.90					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	28.95	7.50	23.90					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	31.57	7.50	23.90					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	3.60	7.50	23.90					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	14.77	7.50	23.90					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	12.70	7.50	23.90					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	4.67	7.50	23.90					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	35.90	7.50	23.90					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	24.24	7.50	23.90					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Sb	SWA-L09-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	35.88	7.50	23.90					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	SWA-L09-1315-T01-A	1	6.40E+01		6.40E+01	9.75	11.00	35.00					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T02-A	1	1.61E+02		1.61E+02	3.89	11.00	35.00					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T03-A	1	7.25E+01		7.25E+01	3.08	11.00	35.00	10000	1000	1.16E+03	108%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T04-A	1	2.95E+02		2.95E+02	5.26	11.00	35.00					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T05-A	1	2.12E+02		2.12E+02	1.02	11.00	35.00					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T06-A	1	2.16E+02		2.16E+02	1.65	11.00	35.00					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T07-A	1	1.42E+02		1.42E+02	1.38	11.00	35.00					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T08-A	1	8.87E+01		8.87E+01	7.49	11.00	35.00					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T09-A	1	1.18E+02		1.18E+02	5.74	11.00	35.00					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T01-B	1	7.08E+01		7.08E+01	6.82	11.00	35.00					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T02-B	1	1.55E+02		1.55E+02	1.52	11.00	35.00					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T03-B	1	6.01E+01		6.01E+01	0.76	11.00	35.00	10000	1000	1.12E+03	106%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T04-B	1	2.39E+02		2.39E+02	3.83	11.00	35.00					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T05-B	1	1.26E+02		1.26E+02	8.04	11.00	35.00					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T06-B	1	1.44E+02		1.44E+02	6.33	11.00	35.00					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T07-B	1	1.09E+02		1.09E+02	4.88	11.00	35.00					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T08-B	1	6.51E+01		6.51E+01	1.48	11.00	35.00					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T09-B	1	8.71E+01		8.71E+01	4.67	11.00	35.00					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T01-C	1	8.81E+01		8.81E+01	1.81	11.00	35.00					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T02-C	1	2.18E+02		2.18E+02	1.27	11.00	35.00					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T03-C	1	9.28E+01		9.28E+01	5.93	11.00	35.00	10000	1000	1.18E+03	109%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T04-C	1	2.27E+02		2.27E+02	1.91	11.00	35.00					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T05-C	1	1.77E+02		1.77E+02	4.96	11.00	35.00					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T06-C	1	1.99E+02		1.99E+02	2.88	11.00	35.00					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T07-C	1	1.53E+02		1.53E+02	1.04	11.00	35.00					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T08-C	1	8.36E+01		8.36E+01	6.05	11.00	35.00					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-T09-C	1	1.08E+02		1.08E+02	2.59	11.00	35.00					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	20.59	11.00	35.00					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	39.81	11.00	35.00					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	23.65	11.00	35.00					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	14.23	11.00	35.00					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	61.60	11.00	35.00					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	43.23	11.00	35.00					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	45.74	11.00	35.00					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	41.20	11.00	35.00					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
As	SWA-L09-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	39.07	11.00	35.00					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	SWA-L09-1315-T01-A	1	1.97E+01		1.97E+01	5.23	1.00	3.18					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T02-A	1	4.41E+01		4.41E+01	1.92	1.00	3.18					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T03-A	1	4.56E+01		4.56E+01	2.26	1.00	3.18	10000	1000	1.09E+03	104%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T04-A	1	6.38E+01		6.38E+01	4.14	1.00	3.18					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T05-A	1	5.85E+01		5.85E+01	1.14	1.00	3.18					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T06-A	1	7.24E+01		7.24E+01	1.45	1.00	3.18					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T07-A	1	5.03E+01		5.03E+01	4.00	1.00	3.18					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T08-A	1	3.82E+01		3.82E+01	4.64	1.00	3.18					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T09-A	1	4.81E+01		4.81E+01	2.40	1.00	3.18					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T01-B	1	2.22E+01		2.22E+01	3.82	1.00	3.18					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T02-B	1	7.04E+01		7.04E+01	0.52	1.00	3.18					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T03-B	1	3.59E+01		3.59E+01	6.78	1.00	3.18	10000	1000	9.46E+02	91%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T04-B	1	4.99E+01		4.99E+01	2.46	1.00	3.18					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T05-B	1	5.06E+01		5.06E+01	4.27	1.00	3.18					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T06-B	1	5.93E+01		5.93E+01	1.27	1.00	3.18					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T07-B	1	5.32E+01		5.32E+01	3.09	1.00	3.18					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T08-B	1	3.82E+01		3.82E+01	1.19	1.00	3.18					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T09-B	1	5.02E+01		5.02E+01	3.56	1.00	3.18					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T01-C	1	1.94E+01		1.94E+01	3.75	1.00	3.18					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T02-C	1	5.50E+01		5.50E+01	1.76	1.00	3.18					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T03-C	1	3.13E+01		3.13E+01	2.73	1.00	3.18	10000	1000	1.05E+03	101%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T04-C	1	4.70E+01		4.70E+01	2.79	1.00	3.18					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T05-C	1	4.19E+01		4.19E+01	1.44	1.00	3.18					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T06-C	1	5.71E+01		5.71E+01	0.81	1.00	3.18					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T07-C	1	5.47E+01		5.47E+01	9.36	1.00	3.18					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T08-C	1	4.44E+01		4.44E+01	4.68	1.00	3.18					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-T09-C	1	5.85E+01		5.85E+01	2.54	1.00	3.18					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	7.70	1.00	3.18					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	7.75	1.00	3.18					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.10	1.00	3.18					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	5.22	1.00	3.18					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.79	1.00	3.18					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	1.47	1.00	3.18					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	9.44	1.00	3.18					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	6.31	1.00	3.18					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
B	SWA-L09-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	1.11	1.00	3.18					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	SWA-L09-1315-T01-A	1	5.02E+01		5.02E+01	1.75	1.00	3.18					VU ICP-OES	1/25/12 12:54 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T02-A	1	1.48E+02		1.48E+02	2.01	1.00	3.18					VU ICP-OES	1/25/12 12:55 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T03-A	1	2.15E+02		2.15E+02	1.54	1.00	3.18	10000	1000	1.10E+03	88%	VU ICP-OES	1/25/12 12:57 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T04-A	1	3.31E+02		3.31E+02	2.51	1.00	3.18					VU ICP-OES	1/25/12 12:59 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T05-A	1	4.07E+02		4.07E+02	1.70	1.00	3.18					VU ICP-OES	1/25/12 1:00 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T06-A	1	4.78E+02		4.78E+02	1.64	1.00	3.18					VU ICP-OES	1/25/12 1:02 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T07-A	1	5.70E+02		5.70E+02	0.28	1.00	3.18					VU ICP-OES	1/25/12 1:04 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T08-A	1	5.34E+02		5.34E+02	1.78	1.00	3.18					VU ICP-OES	1/25/12 1:05 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T09-A	1	5.50E+02		5.50E+02	0.40	1.00	3.18					VU ICP-OES	1/25/12 1:07 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T01-B	1	5.00E+01		5.00E+01	1.45	1.00	3.18					VU ICP-OES	1/25/12 1:12 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T02-B	1	1.92E+02		1.92E+02	1.29	1.00	3.18					VU ICP-OES	1/25/12 1:14 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T03-B	1	2.06E+02		2.06E+02	2.02	1.00	3.18	10000	1000	1.16E+03	95%	VU ICP-OES	1/25/12 1:15 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T04-B	1	3.60E+02		3.60E+02	0.77	1.00	3.18					VU ICP-OES	1/25/12 1:17 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T05-B	1	4.76E+02		4.76E+02	1.76	1.00	3.18					VU ICP-OES	1/25/12 1:19 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T06-B	1	5.67E+02		5.67E+02	2.61	1.00	3.18					VU ICP-OES	1/25/12 1:20 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T07-B	1	6.07E+02		6.07E+02	1.31	1.00	3.18					VU ICP-OES	1/25/12 1:22 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T08-B	1	5.56E+02		5.56E+02	1.44	1.00	3.18					VU ICP-OES	1/25/12 1:24 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T09-B	1	5.87E+02		5.87E+02	0.74	1.00	3.18					VU ICP-OES	1/25/12 1:25 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T01-C	1	5.11E+01		5.11E+01	0.75	1.00	3.18					VU ICP-OES	1/25/12 1:27 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T02-C	1	1.75E+02		1.75E+02	1.06	1.00	3.18					VU ICP-OES	1/25/12 1:29 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T03-C	1	2.18E+02		2.18E+02	1.39	1.00	3.18	10000	1000	1.13E+03	92%	VU ICP-OES	1/25/12 1:30 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T04-C	1	3.91E+02		3.91E+02	3.12	1.00	3.18					VU ICP-OES	1/25/12 1:32 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T05-C	1	4.97E+02		4.97E+02	1.41	1.00	3.18					VU ICP-OES	1/25/12 1:33 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T06-C	1	5.81E+02		5.81E+02	1.10	1.00	3.18					VU ICP-OES	1/25/12 1:35 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T07-C	1	5.97E+02		5.97E+02	3.01	1.00	3.18					VU ICP-OES	1/25/12 1:37 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T08-C	1	5.22E+02		5.22E+02	0.81	1.00	3.18					VU ICP-OES	1/25/12 1:38 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-T09-C	1	5.46E+02		5.46E+02	1.61	1.00	3.18					VU ICP-OES	1/25/12 1:40 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	22.78	1.00	3.18					VU ICP-OES	1/25/12 12:39 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	38.36	1.00	3.18					VU ICP-OES	1/25/12 12:41 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	12.35	1.00	3.18					VU ICP-OES	1/25/12 12:42 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	44.57	1.00	3.18					VU ICP-OES	1/25/12 12:44 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	22.49	1.00	3.18					VU ICP-OES	1/25/12 12:46 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	33.73	1.00	3.18					VU ICP-OES	1/25/12 12:47 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	29.33	1.00	3.18					VU ICP-OES	1/25/12 12:49 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	25.82	1.00	3.18					VU ICP-OES	1/25/12 12:51 PM	EPA Interlab L09 1315 SWA
Ba	SWA-L09-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	6.32	1.00	3.18					VU ICP-OES	1/25/12 12:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	SWA-L09-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	26.03	1.90	6.00					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	30.84	1.90	6.00					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	42.97	1.90	6.00	10000	1000	1.11E+03	111%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	36.84	1.90	6.00					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	67.36	1.90	6.00					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	21.31	1.90	6.00					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	44.32	1.90	6.00					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	52.06	1.90	6.00					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	31.97	1.90	6.00					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	56.36	1.90	6.00					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	15.66	1.90	6.00					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	34.19	1.90	6.00	10000	1000	9.04E+02	90%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	38.11	1.90	6.00					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	64.51	1.90	6.00					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	37.83	1.90	6.00					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	51.00	1.90	6.00					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	34.59	1.90	6.00					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	63.20	1.90	6.00					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	19.70	1.90	6.00					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	34.05	1.90	6.00					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	58.63	1.90	6.00	10000	1000	1.02E+03	101%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	61.91	1.90	6.00					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	34.97	1.90	6.00					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	21.06	1.90	6.00					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	31.34	1.90	6.00					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	30.75	1.90	6.00					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	31.95	1.90	6.00					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	57.30	1.90	6.00					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	29.75	1.90	6.00					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	40.55	1.90	6.00					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	47.80	1.90	6.00					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	30.39	1.90	6.00					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	26.63	1.90	6.00					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	54.51	1.90	6.00					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	41.06	1.90	6.00					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Be	SWA-L09-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	47.67	1.90	6.00					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	SWA-L09-1315-T01-A	1	1.10E+00	U1/2	1.10E+00	9.01	2.20	7.00					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T02-A	1	1.10E+00	U1/2	1.10E+00	48.45	2.20	7.00					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T03-A	1	1.10E+00	U1/2	1.10E+00	25.28	2.20	7.00	10000	1000	1.13E+03	113%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T04-A	1	1.10E+00	U1/2	1.10E+00	27.69	2.20	7.00					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T05-A	1	1.10E+00	U1/2	1.10E+00	54.14	2.20	7.00					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T06-A	1	1.10E+00	U1/2	1.10E+00	39.34	2.20	7.00					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T07-A	1	1.10E+00	U1/2	1.10E+00	18.45	2.20	7.00					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T08-A	1	1.10E+00	U1/2	1.10E+00	51.69	2.20	7.00					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T09-A	1	1.10E+00	U1/2	1.10E+00	63.80	2.20	7.00					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T01-B	1	1.10E+00	U1/2	1.10E+00	24.05	2.20	7.00					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T02-B	1	1.10E+00	U1/2	1.10E+00	11.34	2.20	7.00					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T03-B	1	1.10E+00	U1/2	1.10E+00	54.50	2.20	7.00	10000	1000	9.20E+02	92%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T04-B	1	1.10E+00	U1/2	1.10E+00	25.66	2.20	7.00					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T05-B	1	1.10E+00	U1/2	1.10E+00	36.53	2.20	7.00					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T06-B	1	1.10E+00	U1/2	1.10E+00	14.40	2.20	7.00					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T07-B	1	1.10E+00	U1/2	1.10E+00	39.20	2.20	7.00					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T08-B	1	1.10E+00	U1/2	1.10E+00	59.23	2.20	7.00					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T09-B	1	1.10E+00	U1/2	1.10E+00	31.20	2.20	7.00					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T01-C	1	1.10E+00	U1/2	1.10E+00	31.85	2.20	7.00					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T02-C	1	1.10E+00	U1/2	1.10E+00	24.52	2.20	7.00					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T03-C	1	1.10E+00	U1/2	1.10E+00	27.78	2.20	7.00	10000	1000	1.04E+03	104%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T04-C	1	1.10E+00	U1/2	1.10E+00	58.26	2.20	7.00					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T05-C	1	1.10E+00	U1/2	1.10E+00	30.37	2.20	7.00					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T06-C	1	1.10E+00	U1/2	1.10E+00	50.74	2.20	7.00					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T07-C	1	1.10E+00	U1/2	1.10E+00	34.54	2.20	7.00					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T08-C	1	1.10E+00	U1/2	1.10E+00	43.55	2.20	7.00					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-T09-C	1	1.10E+00	U1/2	1.10E+00	53.51	2.20	7.00					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	9.76	2.20	7.00					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	25.70	2.20	7.00					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	31.77	2.20	7.00					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	16.19	2.20	7.00					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	46.82	2.20	7.00					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	20.60	2.20	7.00					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	52.05	2.20	7.00					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	50.89	2.20	7.00					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Cd	SWA-L09-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	31.68	2.20	7.00					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	SWA-L09-1315-T01-A	1	2.22E+03		2.22E+03	2.55	2.60	8.30					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T02-A	1	7.41E+03		7.41E+03	1.64	2.60	8.30					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T03-A	1	9.96E+03		9.96E+03	2.15	2.60	8.30	10000	1000	1.08E+04	86%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T04-A	1	1.70E+04		1.70E+04	1.64	2.60	8.30					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T05-A	1	1.95E+04		1.95E+04	1.17	2.60	8.30					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T06-A	1	2.29E+04		2.29E+04	2.09	2.60	8.30					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T07-A	1	2.33E+04		2.33E+04	1.36	2.60	8.30					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T08-A	1	2.06E+04		2.06E+04	0.58	2.60	8.30					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T09-A	1	2.28E+04		2.28E+04	2.53	2.60	8.30					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T01-B	1	2.30E+03		2.30E+03	0.95	2.60	8.30					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T02-B	1	8.41E+03		8.41E+03	1.25	2.60	8.30					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T03-B	1	9.51E+03		9.51E+03	2.26	2.60	8.30	10000	1000	1.04E+04	89%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T04-B	1	1.88E+04		1.88E+04	0.99	2.60	8.30					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T05-B	1	2.16E+04		2.16E+04	1.75	2.60	8.30					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T06-B	1	2.48E+04		2.48E+04	2.43	2.60	8.30					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T07-B	1	2.50E+04		2.50E+04	1.60	2.60	8.30					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T08-B	1	2.15E+04		2.15E+04	1.12	2.60	8.30					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T09-B	1	2.38E+04		2.38E+04	1.32	2.60	8.30					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T01-C	1	2.42E+03		2.42E+03	0.17	2.60	8.30					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T02-C	1	7.40E+03		7.40E+03	1.71	2.60	8.30					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T03-C	1	8.99E+03		8.99E+03	0.50	2.60	8.30	10000	1000	9.84E+03	85%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T04-C	1	1.70E+04		1.70E+04	1.22	2.60	8.30					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T05-C	1	1.92E+04		1.92E+04	1.73	2.60	8.30					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T06-C	1	2.39E+04		2.39E+04	0.11	2.60	8.30					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T07-C	1	2.28E+04		2.28E+04	1.41	2.60	8.30					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T08-C	1	2.07E+04		2.07E+04	0.94	2.60	8.30					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-T09-C	1	2.35E+04		2.35E+04	1.99	2.60	8.30					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-M01-A	1	9.95E+01		9.95E+01	1.83	2.60	8.30					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-M02-A	1	2.00E+01		2.00E+01	5.71	2.60	8.30					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-M03-A	1	1.76E+02		1.76E+02	5.66	2.60	8.30					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-M04-A	1	1.74E+02		1.74E+02	5.92	2.60	8.30					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-M05-A	1	9.33E+01		9.33E+01	0.52	2.60	8.30					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-M06-A	1	7.60E+01		7.60E+01	4.40	2.60	8.30					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-M07-A	1	8.14E+01		8.14E+01	3.53	2.60	8.30					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-M08-A	1	1.15E+02		1.15E+02	2.08	2.60	8.30					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Ca	SWA-L09-1315-M09-A	1	1.72E+02		1.72E+02	0.94	2.60	8.30					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	SWA-L09-1315-T01-A	1	3.03E+01		3.03E+01	2.35	1.20	3.82					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T02-A	1	6.03E+01		6.03E+01	1.89	1.20	3.82					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T03-A	1	2.42E+01		2.42E+01	1.64	1.20	3.82	10000	1000	1.13E+03	111%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T04-A	1	3.22E+01		3.22E+01	4.26	1.20	3.82					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T05-A	1	2.93E+01		2.93E+01	0.93	1.20	3.82					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T06-A	1	3.70E+01		3.70E+01	2.17	1.20	3.82					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T07-A	1	3.72E+01		3.72E+01	1.34	1.20	3.82					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T08-A	1	2.79E+01		2.79E+01	3.66	1.20	3.82					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T09-A	1	3.42E+01		3.42E+01	1.95	1.20	3.82					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T01-B	1	3.11E+01		3.11E+01	1.60	1.20	3.82					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T02-B	1	6.49E+01		6.49E+01	1.66	1.20	3.82					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T03-B	1	2.42E+01		2.42E+01	1.42	1.20	3.82	10000	1000	9.98E+02	97%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T04-B	1	4.57E+01		4.57E+01	1.59	1.20	3.82					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T05-B	1	4.02E+01		4.02E+01	1.39	1.20	3.82					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T06-B	1	4.29E+01		4.29E+01	2.51	1.20	3.82					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T07-B	1	3.91E+01		3.91E+01	0.82	1.20	3.82					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T08-B	1	2.90E+01		2.90E+01	0.53	1.20	3.82					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T09-B	1	3.47E+01		3.47E+01	1.40	1.20	3.82					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T01-C	1	4.95E+01		4.95E+01	0.93	1.20	3.82					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T02-C	1	6.35E+01		6.35E+01	1.75	1.20	3.82					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T03-C	1	2.38E+01		2.38E+01	2.42	1.20	3.82	10000	1000	1.03E+03	101%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T04-C	1	4.07E+01		4.07E+01	0.86	1.20	3.82					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T05-C	1	3.25E+01		3.25E+01	1.21	1.20	3.82					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T06-C	1	4.09E+01		4.09E+01	0.69	1.20	3.82					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T07-C	1	3.87E+01		3.87E+01	1.08	1.20	3.82					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T08-C	1	2.69E+01		2.69E+01	2.15	1.20	3.82					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-T09-C	1	3.26E+01		3.26E+01	2.40	1.20	3.82					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	54.29	1.20	3.82					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	41.69	1.20	3.82					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	23.21	1.20	3.82					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	5.71	1.20	3.82					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	8.39	1.20	3.82					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	57.16	1.20	3.82					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	59.36	1.20	3.82					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	26.58	1.20	3.82					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Cr	SWA-L09-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	8.73	1.20	3.82					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	SWA-L09-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	39.84	1.80	5.72					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	48.20	1.80	5.72					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	25.09	1.80	5.72	10000	1000	1.02E+03	102%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	54.20	1.80	5.72					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	6.95	1.80	5.72					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	46.69	1.80	5.72					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	25.60	1.80	5.72					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	71.05	1.80	5.72					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	59.10	1.80	5.72					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	38.25	1.80	5.72					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	69.50	1.80	5.72					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	32.18	1.80	5.72	10000	1000	9.25E+02	92%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	27.60	1.80	5.72					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	26.47	1.80	5.72					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	22.34	1.80	5.72					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	53.34	1.80	5.72					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	66.42	1.80	5.72					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	18.07	1.80	5.72					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	69.75	1.80	5.72					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	56.11	1.80	5.72					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	61.24	1.80	5.72	10000	1000	9.89E+02	99%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	50.68	1.80	5.72					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	31.13	1.80	5.72					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	21.67	1.80	5.72					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	40.13	1.80	5.72					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	52.91	1.80	5.72					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	48.48	1.80	5.72					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	32.48	1.80	5.72					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	29.19	1.80	5.72					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	46.32	1.80	5.72					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	90.82	1.80	5.72					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	54.99	1.80	5.72					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	26.39	1.80	5.72					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	11.97	1.80	5.72					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	12.30	1.80	5.72					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Co	SWA-L09-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	47.25	1.80	5.72					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	SWA-L09-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	51.48	3.70	11.80					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	54.27	3.70	11.80					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	6.16	3.70	11.80	10000	1000	1.06E+03	106%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	21.34	3.70	11.80					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	36.79	3.70	11.80					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	25.02	3.70	11.80					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	24.86	3.70	11.80					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	13.84	3.70	11.80					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	17.76	3.70	11.80					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	46.46	3.70	11.80					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T02-B	1	1.85E+00	U1/2	1.85E+00	22.72	3.70	11.80					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	72.16	3.70	11.80	10000	1000	9.19E+02	92%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	50.55	3.70	11.80					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	12.25	3.70	11.80					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	49.51	3.70	11.80					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	47.60	3.70	11.80					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	36.31	3.70	11.80					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	27.83	3.70	11.80					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	10.09	3.70	11.80					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	33.73	3.70	11.80					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	42.10	3.70	11.80	10000	1000	9.89E+02	99%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	9.73	3.70	11.80					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	34.43	3.70	11.80					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	36.30	3.70	11.80					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T07-C	1	1.85E+00	U1/2	1.85E+00	12.64	3.70	11.80					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	10.84	3.70	11.80					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	32.85	3.70	11.80					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	60.76	3.70	11.80					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	36.52	3.70	11.80					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	50.74	3.70	11.80					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	78.48	3.70	11.80					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	66.74	3.70	11.80					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	68.08	3.70	11.80					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	15.15	3.70	11.80					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	26.65	3.70	11.80					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Cu	SWA-L09-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	21.71	3.70	11.80					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	SWA-L09-1315-T01-A	1	1.81E+01		1.81E+01	2.05	2.00	6.40					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T02-A	1	1.64E+01		1.64E+01	3.13	2.00	6.40					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T03-A	1	1.02E+01		1.02E+01	1.41	2.00	6.40	10000	1000	1.14E+03	113%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T04-A	1	1.03E+01		1.03E+01	6.05	2.00	6.40					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T05-A	1	9.22E+00		9.22E+00	2.57	2.00	6.40					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T06-A	1	6.54E+00		6.54E+00	8.22	2.00	6.40					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T07-A	1	6.62E+00		6.62E+00	8.77	2.00	6.40					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T08-A	1	8.05E+00		8.05E+00	4.41	2.00	6.40					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T09-A	1	1.24E+01		1.24E+01	3.05	2.00	6.40					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T01-B	1	1.61E+01		1.61E+01	2.72	2.00	6.40					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T02-B	1	1.60E+01		1.60E+01	1.57	2.00	6.40					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T03-B	1	7.94E+00		7.94E+00	5.78	2.00	6.40	10000	1000	9.21E+02	91%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T04-B	1	8.60E+00		8.60E+00	4.72	2.00	6.40					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T05-B	1	6.47E+00		6.47E+00	3.17	2.00	6.40					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T06-B	1	6.52E+00		6.52E+00	4.61	2.00	6.40					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T07-B	1	6.91E+00		6.91E+00	5.09	2.00	6.40					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T08-B	1	6.85E+00		6.85E+00	3.64	2.00	6.40					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T09-B	1	1.07E+01		1.07E+01	10.69	2.00	6.40					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T01-C	1	2.36E+01		2.36E+01	2.44	2.00	6.40					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T02-C	1	2.27E+01		2.27E+01	1.11	2.00	6.40					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T03-C	1	1.17E+01		1.17E+01	4.44	2.00	6.40	10000	1000	1.06E+03	104%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T04-C	1	1.22E+01		1.22E+01	1.36	2.00	6.40					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T05-C	1	1.16E+01		1.16E+01	3.33	2.00	6.40					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T06-C	1	7.28E+00		7.28E+00	5.92	2.00	6.40					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T07-C	1	7.68E+00		7.68E+00	1.17	2.00	6.40					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T08-C	1	7.43E+00		7.43E+00	4.03	2.00	6.40					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-T09-C	1	9.91E+00		9.91E+00	2.35	2.00	6.40					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	5.74	2.00	6.40					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	1.12	2.00	6.40					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	7.81	2.00	6.40					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	1.98	2.00	6.40					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	4.02	2.00	6.40					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	1.45	2.00	6.40					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	12.25	2.00	6.40					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	18.38	2.00	6.40					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Fe	SWA-L09-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	0.30	2.00	6.40					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	SWA-L09-1315-T01-A	1	3.40E+00	U1/2	3.40E+00	51.60	6.80	21.60					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T02-A	1	3.40E+00	U1/2	3.40E+00	17.05	6.80	21.60					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T03-A	1	3.40E+00	U1/2	3.40E+00	39.93	6.80	21.60	10000	1000	1.08E+03	107%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T04-A	1	3.40E+00	U1/2	3.40E+00	62.54	6.80	21.60					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T05-A	1	3.40E+00	U1/2	3.40E+00	50.42	6.80	21.60					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T06-A	1	3.40E+00	U1/2	3.40E+00	23.72	6.80	21.60					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T07-A	1	3.40E+00	U1/2	3.40E+00	19.18	6.80	21.60					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T08-A	1	3.40E+00	U1/2	3.40E+00	46.85	6.80	21.60					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T09-A	1	3.40E+00	U1/2	3.40E+00	33.53	6.80	21.60					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T01-B	1	3.40E+00	U1/2	3.40E+00	18.32	6.80	21.60					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T02-B	1	3.40E+00	U1/2	3.40E+00	48.25	6.80	21.60					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T03-B	1	3.40E+00	U1/2	3.40E+00	24.86	6.80	21.60	10000	1000	9.20E+02	92%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T04-B	1	3.40E+00	U1/2	3.40E+00	59.76	6.80	21.60					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T05-B	1	3.40E+00	U1/2	3.40E+00	21.16	6.80	21.60					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T06-B	1	3.40E+00	U1/2	3.40E+00	38.50	6.80	21.60					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T07-B	1	3.40E+00	U1/2	3.40E+00	25.56	6.80	21.60					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T08-B	1	3.40E+00	U1/2	3.40E+00	47.97	6.80	21.60					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T09-B	1	3.40E+00	U1/2	3.40E+00	29.16	6.80	21.60					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T01-C	1	3.40E+00	U1/2	3.40E+00	25.70	6.80	21.60					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T02-C	1	3.40E+00	U1/2	3.40E+00	58.60	6.80	21.60					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T03-C	1	3.40E+00	U1/2	3.40E+00	7.98	6.80	21.60	10000	1000	9.86E+02	98%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T04-C	1	3.40E+00	U1/2	3.40E+00	23.98	6.80	21.60					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T05-C	1	3.40E+00	U1/2	3.40E+00	34.82	6.80	21.60					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T06-C	1	3.40E+00	U1/2	3.40E+00	41.83	6.80	21.60					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T07-C	1	3.40E+00	U1/2	3.40E+00	35.60	6.80	21.60					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T08-C	1	3.40E+00	U1/2	3.40E+00	40.56	6.80	21.60					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-T09-C	1	3.40E+00	U1/2	3.40E+00	44.90	6.80	21.60					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	32.04	6.80	21.60					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	47.42	6.80	21.60					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	38.95	6.80	21.60					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	27.70	6.80	21.60					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	45.86	6.80	21.60					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	54.82	6.80	21.60					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	45.30	6.80	21.60					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	1.54	6.80	21.60					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Pb	SWA-L09-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	76.92	6.80	21.60					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	SWA-L09-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	6.33	1.90	6.00					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	33.53	1.90	6.00					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	37.45	1.90	6.00	10000	1000	9.78E+02	98%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	24.51	1.90	6.00					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	10.80	1.90	6.00					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	69.69	1.90	6.00					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	30.32	1.90	6.00					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	15.39	1.90	6.00					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	37.48	1.90	6.00					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	4.07	1.90	6.00					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	59.32	1.90	6.00					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	24.77	1.90	6.00	10000	1000	8.75E+02	87%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	81.81	1.90	6.00					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	60.17	1.90	6.00					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	53.06	1.90	6.00					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	88.23	1.90	6.00					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	11.20	1.90	6.00					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	13.08	1.90	6.00					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	53.44	1.90	6.00					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	28.04	1.90	6.00					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	35.21	1.90	6.00	10000	1000	9.26E+02	93%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	71.07	1.90	6.00					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	10.64	1.90	6.00					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	13.64	1.90	6.00					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	34.29	1.90	6.00					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	17.03	1.90	6.00					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	72.47	1.90	6.00					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	25.53	1.90	6.00					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	12.02	1.90	6.00					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	54.17	1.90	6.00					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	35.70	1.90	6.00					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	51.39	1.90	6.00					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	22.08	1.90	6.00					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	7.64	1.90	6.00					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	66.55	1.90	6.00					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Li	SWA-L09-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	33.74	1.90	6.00					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	SWA-L09-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	3.46	2.00	6.40					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	4.66	2.00	6.40					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	12.22	2.00	6.40	10000	1000	1.10E+03	110%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	8.38	2.00	6.40					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	6.24	2.00	6.40					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	12.29	2.00	6.40					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	5.96	2.00	6.40					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	6.15	2.00	6.40					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	3.09	2.00	6.40					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	3.41	2.00	6.40					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	0.65	2.00	6.40					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	30.99	2.00	6.40	10000	1000	9.44E+02	94%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	15.60	2.00	6.40					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	8.67	2.00	6.40					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	17.01	2.00	6.40					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	25.52	2.00	6.40					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	2.16	2.00	6.40					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	5.61	2.00	6.40					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	6.81	2.00	6.40					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	7.40	2.00	6.40					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	13.25	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	16.84	2.00	6.40					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	8.97	2.00	6.40					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	7.14	2.00	6.40					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	4.13	2.00	6.40					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	16.21	2.00	6.40					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	9.68	2.00	6.40					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	14.54	2.00	6.40					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	13.70	2.00	6.40					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	10.00	2.00	6.40					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	4.43	2.00	6.40					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	11.15	2.00	6.40					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	19.40	2.00	6.40					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	18.87	2.00	6.40					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	26.95	2.00	6.40					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Mn	SWA-L09-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	6.46	2.00	6.40					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	SWA-L09-1315-T01-A	1	2.69E+01		2.69E+01	4.42	1.00	3.18					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T02-A	1	3.64E+01		3.64E+01	3.94	1.00	3.18					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T03-A	1	4.79E+01		4.79E+01	9.23	1.00	3.18	10000	1000	1.15E+03	110%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T04-A	1	3.56E+01		3.56E+01	1.11	1.00	3.18					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T05-A	1	2.71E+01		2.71E+01	3.19	1.00	3.18					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T06-A	1	3.21E+01		3.21E+01	2.61	1.00	3.18					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T07-A	1	3.08E+01		3.08E+01	6.95	1.00	3.18					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T08-A	1	6.34E+01		6.34E+01	7.40	1.00	3.18					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T09-A	1	4.22E+01		4.22E+01	1.85	1.00	3.18					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T01-B	1	2.96E+01		2.96E+01	1.90	1.00	3.18					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T02-B	1	3.31E+01		3.31E+01	2.31	1.00	3.18					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T03-B	1	5.04E+01		5.04E+01	1.22	1.00	3.18	10000	1000	9.61E+02	91%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T04-B	1	4.74E+01		4.74E+01	2.03	1.00	3.18					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T05-B	1	3.33E+01		3.33E+01	1.39	1.00	3.18					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T06-B	1	2.47E+01		2.47E+01	9.78	1.00	3.18					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T07-B	1	3.71E+01		3.71E+01	1.32	1.00	3.18					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T08-B	1	6.37E+01		6.37E+01	9.92	1.00	3.18					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T09-B	1	4.61E+01		4.61E+01	1.67	1.00	3.18					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T01-C	1	4.17E+01		4.17E+01	4.89	1.00	3.18					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T02-C	1	4.07E+01		4.07E+01	13.33	1.00	3.18					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T03-C	1	5.52E+01		5.52E+01	1.32	1.00	3.18	10000	1000	1.04E+03	99%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T04-C	1	3.97E+01		3.97E+01	9.59	1.00	3.18					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T05-C	1	3.55E+01		3.55E+01	3.14	1.00	3.18					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T06-C	1	2.72E+01		2.72E+01	1.92	1.00	3.18					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T07-C	1	3.83E+01		3.83E+01	4.81	1.00	3.18					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T08-C	1	6.68E+01		6.68E+01	5.47	1.00	3.18					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-T09-C	1	4.55E+01		4.55E+01	1.09	1.00	3.18					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-M01-A	1	1.41E+01		1.41E+01	7.18	1.00	3.18					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-M02-A	1	1.34E+01		1.34E+01	23.81	1.00	3.18					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-M03-A	1	2.60E+01		2.60E+01	3.00	1.00	3.18					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-M04-A	1	1.74E+01		1.74E+01	9.14	1.00	3.18					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-M05-A	1	2.55E+01		2.55E+01	1.35	1.00	3.18					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-M06-A	1	2.38E+01		2.38E+01	5.47	1.00	3.18					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-M07-A	1	2.79E+01		2.79E+01	11.96	1.00	3.18					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-M08-A	1	2.56E+01		2.56E+01	1.38	1.00	3.18					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Mg	SWA-L09-1315-M09-A	1	2.64E+01		2.64E+01	2.50	1.00	3.18					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	SWA-L09-1315-T01-A	1	5.20E+00		5.20E+00	1.75	1.20	3.82					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T02-A	1	5.55E+00		5.55E+00	7.33	1.20	3.82					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T03-A	1	5.83E+00		5.83E+00	1.35	1.20	3.82	10000	1000	1.08E+03	108%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T04-A	1	9.51E+00		9.51E+00	1.50	1.20	3.82					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T05-A	1	8.25E+00		8.25E+00	1.53	1.20	3.82					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T06-A	1	9.67E+00		9.67E+00	4.26	1.20	3.82					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T07-A	1	7.45E+00		7.45E+00	1.14	1.20	3.82					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T08-A	1	5.47E+00		5.47E+00	8.95	1.20	3.82					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T09-A	1	6.49E+00		6.49E+00	7.32	1.20	3.82					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T01-B	1	5.81E+00		5.81E+00	12.68	1.20	3.82					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T02-B	1	6.21E+00		6.21E+00	6.66	1.20	3.82					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T03-B	1	4.81E+00		4.81E+00	1.58	1.20	3.82	10000	1000	9.44E+02	94%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T04-B	1	7.84E+00		7.84E+00	1.50	1.20	3.82					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T05-B	1	7.76E+00		7.76E+00	6.12	1.20	3.82					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T06-B	1	9.39E+00		9.39E+00	1.28	1.20	3.82					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T07-B	1	7.30E+00		7.30E+00	1.49	1.20	3.82					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T08-B	1	3.92E+00		3.92E+00	2.67	1.20	3.82					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T09-B	1	6.44E+00		6.44E+00	1.16	1.20	3.82					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T01-C	1	5.29E+00		5.29E+00	3.52	1.20	3.82					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T02-C	1	5.97E+00		5.97E+00	7.95	1.20	3.82					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T03-C	1	5.16E+00		5.16E+00	1.23	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T04-C	1	8.68E+00		8.68E+00	2.16	1.20	3.82					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T05-C	1	8.61E+00		8.61E+00	7.19	1.20	3.82					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T06-C	1	9.63E+00		9.63E+00	8.22	1.20	3.82					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T07-C	1	7.61E+00		7.61E+00	2.28	1.20	3.82					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T08-C	1	4.52E+00		4.52E+00	1.91	1.20	3.82					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-T09-C	1	5.66E+00		5.66E+00	1.45	1.20	3.82					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	22.43	1.20	3.82					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	45.10	1.20	3.82					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	12.42	1.20	3.82					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	25.51	1.20	3.82					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	7.17	1.20	3.82					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	34.72	1.20	3.82					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	5.43	1.20	3.82					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	11.56	1.20	3.82					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Mo	SWA-L09-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	46.44	1.20	3.82					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	SWA-L09-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	29.02	1.80	5.70					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	13.37	1.80	5.70					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	51.91	1.80	5.70	10000	1000	1.08E+03	107%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	47.55	1.80	5.70					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	65.91	1.80	5.70					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	28.91	1.80	5.70					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	31.31	1.80	5.70					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	13.92	1.80	5.70					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	22.79	1.80	5.70					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	54.65	1.80	5.70					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	34.26	1.80	5.70					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	64.65	1.80	5.70	10000	1000	9.20E+02	92%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	44.30	1.80	5.70					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	23.30	1.80	5.70					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	41.71	1.80	5.70					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	34.12	1.80	5.70					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	74.22	1.80	5.70					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	63.37	1.80	5.70					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	26.72	1.80	5.70					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	57.53	1.80	5.70					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	12.64	1.80	5.70	10000	1000	9.86E+02	98%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	22.16	1.80	5.70					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	43.74	1.80	5.70					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	54.31	1.80	5.70					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	38.02	1.80	5.70					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	41.41	1.80	5.70					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	25.12	1.80	5.70					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	23.37	1.80	5.70					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	33.98	1.80	5.70					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	19.61	1.80	5.70					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	29.82	1.80	5.70					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	24.79	1.80	5.70					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	46.32	1.80	5.70					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	44.76	1.80	5.70					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	34.01	1.80	5.70					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Ni	SWA-L09-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	62.53	1.80	5.70					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	SWA-L09-1315-T01-A	1	1.63E+01		1.63E+01	6.89	3.70	11.80					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T02-A	1	7.99E+00	E	7.99E+00	3.73	3.70	11.80					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T03-A	1	9.59E+00	E	9.59E+00	5.07	3.70	11.80	10000	1000	1.13E+03	112%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T04-A	1	7.09E+00	E	7.09E+00	2.27	3.70	11.80					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T05-A	1	1.39E+01		1.39E+01	9.03	3.70	11.80					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T06-A	1	8.76E+00	E	8.76E+00	4.23	3.70	11.80					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T07-A	1	3.80E+00	E	3.80E+00	12.85	3.70	11.80					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	11.31	3.70	11.80					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	15.14	3.70	11.80					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T01-B	1	1.46E+01		1.46E+01	10.70	3.70	11.80					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T02-B	1	7.25E+00	E	7.25E+00	14.73	3.70	11.80					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T03-B	1	9.43E+00	E	9.43E+00	5.36	3.70	11.80	10000	1000	9.33E+02	92%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T04-B	1	8.49E+00	E	8.49E+00	5.53	3.70	11.80					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T05-B	1	1.31E+01		1.31E+01	1.81	3.70	11.80					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T06-B	1	7.24E+00	E	7.24E+00	5.93	3.70	11.80					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T07-B	1	6.64E+00	E	6.64E+00	4.58	3.70	11.80					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	8.54	3.70	11.80					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	15.26	3.70	11.80					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T01-C	1	1.58E+01		1.58E+01	2.04	3.70	11.80					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T02-C	1	8.51E+00	E	8.51E+00	1.55	3.70	11.80					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T03-C	1	6.41E+00	E	6.41E+00	12.76	3.70	11.80	10000	1000	1.07E+03	106%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T04-C	1	5.71E+00	E	5.71E+00	14.45	3.70	11.80					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T05-C	1	1.36E+01		1.36E+01	3.25	3.70	11.80					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T06-C	1	8.86E+00	E	8.86E+00	2.04	3.70	11.80					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T07-C	1	3.82E+00	E	3.82E+00	3.72	3.70	11.80					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	3.64	3.70	11.80					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	17.65	3.70	11.80					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	19.19	3.70	11.80					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	27.78	3.70	11.80					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	33.45	3.70	11.80					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	10.29	3.70	11.80					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	7.48	3.70	11.80					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	2.45	3.70	11.80					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	8.99	3.70	11.80					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	4.40	3.70	11.80					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
P	SWA-L09-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	1.81	3.70	11.80					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	SWA-L09-1315-T01-A	1	7.65E+03		7.65E+03	1.66	1.60	5.09					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T02-A	1	1.47E+04		1.47E+04	1.96	1.60	5.09					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T03-A	1	1.50E+04		1.50E+04	1.46	1.60	5.09	10000	1000	1.58E+04	85%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T04-A	1	3.38E+04		3.38E+04	2.21	1.60	5.09					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T05-A	1	2.93E+04		2.93E+04	1.03	1.60	5.09					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T06-A	1	3.63E+04		3.63E+04	2.11	1.60	5.09					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T07-A	1	2.59E+04		2.59E+04	0.85	1.60	5.09					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T08-A	1	1.12E+04		1.12E+04	0.54	1.60	5.09					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T09-A	1	1.72E+04		1.72E+04	2.95	1.60	5.09					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T01-B	1	7.72E+03		7.72E+03	0.71	1.60	5.09					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T02-B	1	1.80E+04		1.80E+04	1.27	1.60	5.09					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T03-B	1	9.49E+03		9.49E+03	1.80	1.60	5.09	10000	1000	1.04E+04	90%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T04-B	1	2.71E+04		2.71E+04	0.99	1.60	5.09					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T05-B	1	2.61E+04		2.61E+04	1.79	1.60	5.09					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T06-B	1	3.08E+04		3.08E+04	2.57	1.60	5.09					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T07-B	1	2.25E+04		2.25E+04	1.24	1.60	5.09					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T08-B	1	9.78E+03		9.78E+03	1.20	1.60	5.09					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T09-B	1	1.48E+04		1.48E+04	0.87	1.60	5.09					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T01-C	1	8.02E+03		8.02E+03	0.60	1.60	5.09					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T02-C	1	1.62E+04		1.62E+04	1.01	1.60	5.09					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T03-C	1	1.17E+04		1.17E+04	0.74	1.60	5.09	10000	1000	1.26E+04	88%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T04-C	1	3.25E+04		3.25E+04	2.62	1.60	5.09					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T05-C	1	2.73E+04		2.73E+04	1.67	1.60	5.09					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T06-C	1	3.69E+04		3.69E+04	0.45	1.60	5.09					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T07-C	1	2.29E+04		2.29E+04	5.41	1.60	5.09					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T08-C	1	1.10E+04		1.10E+04	1.59	1.60	5.09					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-T09-C	1	1.75E+04		1.75E+04	1.93	1.60	5.09					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-M01-A	1	7.65E+00		7.65E+00	4.25	1.60	5.09					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-M02-A	1	4.61E+00	E	4.61E+00	4.21	1.60	5.09					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-M03-A	1	1.84E+00	E	1.84E+00	4.62	1.60	5.09					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-M04-A	1	3.87E+00	E	3.87E+00	4.37	1.60	5.09					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-M05-A	1	2.41E+00	E	2.41E+00	9.05	1.60	5.09					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-M06-A	1	2.62E+00	E	2.62E+00	3.12	1.60	5.09					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-M07-A	1	1.83E+00	E	1.83E+00	4.84	1.60	5.09					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-M08-A	1	2.11E+00	E	2.11E+00	3.03	1.60	5.09					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
K	SWA-L09-1315-M09-A	1	4.17E+00	E	4.17E+00	1.62	1.60	5.09					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	SWA-L09-1315-T01-A	1	1.04E+03		1.04E+03	1.55	15.00	47.70					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T02-A	1	1.70E+03		1.70E+03	3.24	15.00	47.70					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T03-A	1	1.32E+03		1.32E+03	1.94	15.00	47.70	10000	1000	2.26E+03	94%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T04-A	1	4.19E+03		4.19E+03	2.01	15.00	47.70					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T05-A	1	3.32E+03		3.32E+03	0.60	15.00	47.70					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T06-A	1	3.97E+03		3.97E+03	2.37	15.00	47.70					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T07-A	1	2.59E+03		2.59E+03	1.55	15.00	47.70					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T08-A	1	1.04E+03		1.04E+03	1.34	15.00	47.70					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T09-A	1	1.74E+03		1.74E+03	2.80	15.00	47.70					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T01-B	1	1.08E+03		1.08E+03	0.84	15.00	47.70					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T02-B	1	2.02E+03		2.02E+03	1.79	15.00	47.70					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T03-B	1	9.91E+02		9.91E+02	2.23	15.00	47.70	10000	1000	1.91E+03	92%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T04-B	1	2.90E+03		2.90E+03	1.47	15.00	47.70					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T05-B	1	2.77E+03		2.77E+03	2.08	15.00	47.70					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T06-B	1	3.31E+03		3.31E+03	3.26	15.00	47.70					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T07-B	1	2.20E+03		2.20E+03	1.11	15.00	47.70					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T08-B	1	8.98E+02		8.98E+02	0.94	15.00	47.70					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T09-B	1	1.49E+03		1.49E+03	1.29	15.00	47.70					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T01-C	1	1.21E+03		1.21E+03	1.25	15.00	47.70					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T02-C	1	1.96E+03		1.96E+03	0.68	15.00	47.70					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T03-C	1	1.27E+03		1.27E+03	1.21	15.00	47.70	10000	1000	2.18E+03	92%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T04-C	1	3.95E+03		3.95E+03	1.99	15.00	47.70					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T05-C	1	3.00E+03		3.00E+03	1.26	15.00	47.70					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T06-C	1	4.22E+03		4.22E+03	0.63	15.00	47.70					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T07-C	1	2.34E+03		2.34E+03	2.27	15.00	47.70					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T08-C	1	9.83E+02		9.83E+02	0.81	15.00	47.70					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-T09-C	1	1.72E+03		1.72E+03	2.73	15.00	47.70					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	56.62	15.00	47.70					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	20.19	15.00	47.70					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	75.85	15.00	47.70					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	64.17	15.00	47.70					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	44.93	15.00	47.70					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	40.98	15.00	47.70					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	7.25	15.00	47.70					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	51.72	15.00	47.70					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Se	SWA-L09-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	27.12	15.00	47.70					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	SWA-L09-1315-T01-A	1	6.53E+02		6.53E+02	2.55	1.10	3.50					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T02-A	1	1.91E+03		1.91E+03	2.40	1.10	3.50					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T03-A	1	2.63E+03		2.63E+03	1.83	1.10	3.50	10000	1000	3.59E+03	97%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T04-A	1	5.75E+03		5.75E+03	2.61	1.10	3.50					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T05-A	1	5.94E+03		5.94E+03	1.13	1.10	3.50					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T06-A	1	7.74E+03		7.74E+03	1.54	1.10	3.50					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T07-A	1	7.11E+03		7.11E+03	0.59	1.10	3.50					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T08-A	1	5.44E+03		5.44E+03	1.51	1.10	3.50					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T09-A	1	6.88E+03		6.88E+03	0.64	1.10	3.50					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T01-B	1	6.72E+02		6.72E+02	0.94	1.10	3.50					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T02-B	1	2.21E+03		2.21E+03	1.50	1.10	3.50					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T03-B	1	1.92E+03		1.92E+03	2.01	1.10	3.50	10000	1000	2.80E+03	89%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T04-B	1	5.45E+03		5.45E+03	1.01	1.10	3.50					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T05-B	1	6.29E+03		6.29E+03	1.76	1.10	3.50					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T06-B	1	7.58E+03		7.58E+03	2.75	1.10	3.50					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T07-B	1	6.95E+03		6.95E+03	1.03	1.10	3.50					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T08-B	1	5.48E+03		5.48E+03	1.77	1.10	3.50					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T09-B	1	6.60E+03		6.60E+03	0.28	1.10	3.50					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T01-C	1	8.16E+02		8.16E+02	0.55	1.10	3.50					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T02-C	1	2.08E+03		2.08E+03	1.31	1.10	3.50					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T03-C	1	2.09E+03		2.09E+03	0.28	1.10	3.50	10000	1000	3.03E+03	94%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T04-C	1	5.74E+03		5.74E+03	2.22	1.10	3.50					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T05-C	1	5.87E+03		5.87E+03	1.51	1.10	3.50					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T06-C	1	8.02E+03		8.02E+03	0.52	1.10	3.50					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T07-C	1	6.97E+03		6.97E+03	10.17	1.10	3.50					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T08-C	1	5.43E+03		5.43E+03	1.01	1.10	3.50					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-T09-C	1	7.10E+03		7.10E+03	1.76	1.10	3.50					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	7.39	1.10	3.50					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	15.43	1.10	3.50					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	21.58	1.10	3.50					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	10.32	1.10	3.50					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	14.37	1.10	3.50					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	13.96	1.10	3.50					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	4.29	1.10	3.50					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	5.50	1.10	3.50					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Si	SWA-L09-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	2.45	1.10	3.50					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	SWA-L09-1315-T01-A	1	3.39E+04		3.39E+04	0.59	2.50	8.00					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T02-A	1	5.99E+04		5.99E+04	0.48	2.50	8.00					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T03-A	1	6.08E+04		6.08E+04	0.68	2.50	8.00	10000	1000	6.17E+04	91%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T04-A	1	1.18E+05		1.18E+05	0.17	2.50	8.00					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T05-A	1	1.08E+05		1.08E+05	0.69	2.50	8.00					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T06-A	1	1.29E+05		1.29E+05	0.24	2.50	8.00					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T07-A	1	9.76E+04		9.76E+04	0.27	2.50	8.00					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T08-A	1	4.74E+04		4.74E+04	0.07	2.50	8.00					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T09-A	1	7.10E+04		7.10E+04	1.11	2.50	8.00					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T01-B	1	3.39E+04		3.39E+04	0.73	2.50	8.00					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T02-B	1	6.95E+04		6.95E+04	0.51	2.50	8.00					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T03-B	1	3.82E+04		3.82E+04	0.66	2.50	8.00	10000	1000	3.90E+04	87%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T04-B	1	9.70E+04		9.70E+04	0.29	2.50	8.00					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T05-B	1	9.52E+04		9.52E+04	0.22	2.50	8.00					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T06-B	1	1.10E+05		1.10E+05	0.39	2.50	8.00					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T07-B	1	8.66E+04		8.66E+04	0.48	2.50	8.00					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T08-B	1	4.22E+04		4.22E+04	0.44	2.50	8.00					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T09-B	1	6.33E+04		6.33E+04	0.89	2.50	8.00					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T01-C	1	3.60E+04		3.60E+04	0.90	2.50	8.00					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T02-C	1	6.62E+04		6.62E+04	0.48	2.50	8.00					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T03-C	1	4.72E+04		4.72E+04	0.24	2.50	8.00	10000	1000	4.81E+04	88%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T04-C	1	1.15E+05		1.15E+05	0.79	2.50	8.00					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T05-C	1	9.98E+04		9.98E+04	0.11	2.50	8.00					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T06-C	1	1.27E+05		1.27E+05	0.32	2.50	8.00					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T07-C	1	8.89E+04		8.89E+04	1.25	2.50	8.00					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T08-C	1	4.79E+04		4.79E+04	1.07	2.50	8.00					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-T09-C	1	7.34E+04		7.34E+04	0.87	2.50	8.00					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-M01-A	1	3.37E+01		3.37E+01	2.83	2.50	8.00					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-M02-A	1	1.83E+01		1.83E+01	2.24	2.50	8.00					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-M03-A	1	2.13E+01		2.13E+01	0.63	2.50	8.00					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-M04-A	1	1.18E+01		1.18E+01	1.26	2.50	8.00					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-M05-A	1	9.54E+00		9.54E+00	4.86	2.50	8.00					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-M06-A	1	2.08E+01		2.08E+01	0.88	2.50	8.00					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-M07-A	1	1.44E+01		1.44E+01	1.89	2.50	8.00					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-M08-A	1	2.20E+01		2.20E+01	1.15	2.50	8.00					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Na	SWA-L09-1315-M09-A	1	2.60E+01		2.60E+01	1.53	2.50	8.00					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	SWA-L09-1315-T01-A	1	2.17E+01		2.17E+01	2.57	1.00	3.18					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T02-A	1	7.00E+01		7.00E+01	1.03	1.00	3.18					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T03-A	1	8.75E+01		8.75E+01	1.28	1.00	3.18	10000	1000	1.20E+03	111%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T04-A	1	1.50E+02		1.50E+02	1.57	1.00	3.18					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T05-A	1	1.67E+02		1.67E+02	0.16	1.00	3.18					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T06-A	1	2.06E+02		2.06E+02	2.33	1.00	3.18					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T07-A	1	2.13E+02		2.13E+02	1.55	1.00	3.18					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T08-A	1	1.72E+02		1.72E+02	0.55	1.00	3.18					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T09-A	1	2.00E+02		2.00E+02	2.82	1.00	3.18					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T01-B	1	2.22E+01		2.22E+01	0.18	1.00	3.18					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T02-B	1	8.43E+01		8.43E+01	0.72	1.00	3.18					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T03-B	1	8.58E+01		8.58E+01	2.33	1.00	3.18	10000	1000	1.06E+03	97%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T04-B	1	1.69E+02		1.69E+02	1.54	1.00	3.18					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T05-B	1	1.93E+02		1.93E+02	2.08	1.00	3.18					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T06-B	1	2.28E+02		2.28E+02	2.51	1.00	3.18					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T07-B	1	2.30E+02		2.30E+02	1.41	1.00	3.18					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T08-B	1	1.79E+02		1.79E+02	1.44	1.00	3.18					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T09-B	1	2.09E+02		2.09E+02	1.10	1.00	3.18					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T01-C	1	2.69E+01		2.69E+01	1.49	1.00	3.18					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T02-C	1	7.36E+01		7.36E+01	3.11	1.00	3.18					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T03-C	1	8.02E+01		8.02E+01	0.99	1.00	3.18	10000	1000	1.15E+03	107%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T04-C	1	1.56E+02		1.56E+02	1.38	1.00	3.18					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T05-C	1	1.69E+02		1.69E+02	1.73	1.00	3.18					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T06-C	1	2.24E+02		2.24E+02	0.95	1.00	3.18					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T07-C	1	2.05E+02		2.05E+02	5.40	1.00	3.18					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T08-C	1	1.70E+02		1.70E+02	1.84	1.00	3.18					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-T09-C	1	2.05E+02		2.05E+02	1.22	1.00	3.18					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	13.11	1.00	3.18					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	17.45	1.00	3.18					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	6.25	1.00	3.18					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	39.66	1.00	3.18					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	32.95	1.00	3.18					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	26.94	1.00	3.18					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	28.63	1.00	3.18					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	15.61	1.00	3.18					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Sr	SWA-L09-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	20.78	1.00	3.18					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	SWA-L09-1315-T01-A	1	3.55E+03		3.55E+03	2.40	6.80	21.60					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T02-A	1	5.84E+03		5.84E+03	2.58	6.80	21.60					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T03-A	1	4.06E+03		4.06E+03	1.42	6.80	21.60	10000	1000	5.02E+03	96%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T04-A	1	1.33E+04		1.33E+04	2.26	6.80	21.60					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T05-A	1	1.02E+04		1.02E+04	0.86	6.80	21.60					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T06-A	1	1.21E+04		1.21E+04	2.03	6.80	21.60					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T07-A	1	7.56E+03		7.56E+03	1.13	6.80	21.60					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T08-A	1	3.35E+03		3.35E+03	0.57	6.80	21.60					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T09-A	1	5.20E+03		5.20E+03	2.34	6.80	21.60					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T01-B	1	3.60E+03		3.60E+03	2.66	6.80	21.60					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T02-B	1	6.60E+03		6.60E+03	1.62	6.80	21.60					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T03-B	1	3.27E+03		3.27E+03	1.24	6.80	21.60	10000	1000	4.14E+03	86%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T04-B	1	8.99E+03		8.99E+03	1.63	6.80	21.60					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T05-B	1	8.41E+03		8.41E+03	1.67	6.80	21.60					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T06-B	1	1.02E+04		1.02E+04	3.80	6.80	21.60					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T07-B	1	6.75E+03		6.75E+03	1.64	6.80	21.60					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T08-B	1	2.97E+03		2.97E+03	0.79	6.80	21.60					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T09-B	1	4.62E+03		4.62E+03	0.67	6.80	21.60					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T01-C	1	3.95E+03		3.95E+03	1.29	6.80	21.60					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T02-C	1	6.39E+03		6.39E+03	1.86	6.80	21.60					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T03-C	1	4.20E+03		4.20E+03	0.78	6.80	21.60	10000	1000	5.13E+03	94%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T04-C	1	1.18E+04		1.18E+04	1.42	6.80	21.60					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T05-C	1	8.99E+03		8.99E+03	1.98	6.80	21.60					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T06-C	1	1.24E+04		1.24E+04	0.93	6.80	21.60					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T07-C	1	6.83E+03		6.83E+03	1.30	6.80	21.60					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T08-C	1	3.21E+03		3.21E+03	1.45	6.80	21.60					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-T09-C	1	5.30E+03		5.30E+03	1.49	6.80	21.60					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-M01-A	1	2.33E+01		2.33E+01	4.93	6.80	21.60					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-M02-A	1	2.58E+01		2.58E+01	1.30	6.80	21.60					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-M03-A	1	3.30E+01		3.30E+01	9.54	6.80	21.60					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-M04-A	1	3.07E+01		3.07E+01	7.91	6.80	21.60					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-M05-A	1	1.84E+01	E	1.84E+01	12.48	6.80	21.60					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-M06-A	1	2.11E+01	E	2.11E+01	1.83	6.80	21.60					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-M07-A	1	1.58E+01	E	1.58E+01	12.84	6.80	21.60					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-M08-A	1	3.17E+01		3.17E+01	8.17	6.80	21.60					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
S	SWA-L09-1315-M09-A	1	2.99E+01		2.99E+01	7.63	6.80	21.60					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	SWA-L09-1315-T01-A	1	2.30E+00	U1/2	2.30E+00	36.92	4.60	14.60					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T02-A	1	2.30E+00	U1/2	2.30E+00	31.79	4.60	14.60					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T03-A	1	2.30E+00	U1/2	2.30E+00	40.61	4.60	14.60	10000	1000	1.08E+03	108%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T04-A	1	2.30E+00	U1/2	2.30E+00	25.97	4.60	14.60					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T05-A	1	2.30E+00	U1/2	2.30E+00	68.71	4.60	14.60					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T06-A	1	2.30E+00	U1/2	2.30E+00	23.55	4.60	14.60					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T07-A	1	2.30E+00	U1/2	2.30E+00	11.49	4.60	14.60					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T08-A	1	2.30E+00	U1/2	2.30E+00	41.38	4.60	14.60					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T09-A	1	2.30E+00	U1/2	2.30E+00	47.03	4.60	14.60					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T01-B	1	2.30E+00	U1/2	2.30E+00	8.57	4.60	14.60					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T02-B	1	2.30E+00	U1/2	2.30E+00	36.28	4.60	14.60					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T03-B	1	2.30E+00	U1/2	2.30E+00	59.32	4.60	14.60	10000	1000	9.28E+02	93%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T04-B	1	2.30E+00	U1/2	2.30E+00	42.48	4.60	14.60					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T05-B	1	2.30E+00	U1/2	2.30E+00	85.65	4.60	14.60					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T06-B	1	2.30E+00	U1/2	2.30E+00	27.73	4.60	14.60					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T07-B	1	2.30E+00	U1/2	2.30E+00	65.67	4.60	14.60					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T08-B	1	2.30E+00	U1/2	2.30E+00	52.14	4.60	14.60					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T09-B	1	2.30E+00	U1/2	2.30E+00	12.76	4.60	14.60					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T01-C	1	2.30E+00	U1/2	2.30E+00	36.41	4.60	14.60					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T02-C	1	2.30E+00	U1/2	2.30E+00	52.34	4.60	14.60					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T03-C	1	2.30E+00	U1/2	2.30E+00	25.12	4.60	14.60	10000	1000	9.89E+02	99%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T04-C	1	2.30E+00	U1/2	2.30E+00	55.66	4.60	14.60					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T05-C	1	2.30E+00	U1/2	2.30E+00	14.59	4.60	14.60					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T06-C	1	2.30E+00	U1/2	2.30E+00	26.28	4.60	14.60					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T07-C	1	2.30E+00	U1/2	2.30E+00	16.51	4.60	14.60					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T08-C	1	2.30E+00	U1/2	2.30E+00	43.55	4.60	14.60					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-T09-C	1	2.30E+00	U1/2	2.30E+00	33.00	4.60	14.60					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	26.23	4.60	14.60					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	52.15	4.60	14.60					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	40.61	4.60	14.60					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	45.24	4.60	14.60					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	29.40	4.60	14.60					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	50.70	4.60	14.60					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	37.50	4.60	14.60					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	21.41	4.60	14.60					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Tl	SWA-L09-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	63.01	4.60	14.60					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	SWA-L09-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	24.32	2.00	6.40					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	22.50	2.00	6.40					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	20.44	2.00	6.40	10000	1000	1.12E+03	111%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	22.07	2.00	6.40					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	16.04	2.00	6.40					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	61.53	2.00	6.40					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	12.45	2.00	6.40					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	12.04	2.00	6.40					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	5.54	2.00	6.40					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	6.85	2.00	6.40					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	18.38	2.00	6.40					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	27.00	2.00	6.40	10000	1000	9.39E+02	94%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	19.11	2.00	6.40					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	5.74	2.00	6.40					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	8.48	2.00	6.40					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	5.34	2.00	6.40					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	22.79	2.00	6.40					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	23.51	2.00	6.40					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	1.41	2.00	6.40					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	9.18	2.00	6.40					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	7.00	2.00	6.40	10000	1000	1.03E+03	103%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	18.31	2.00	6.40					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	14.22	2.00	6.40					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	16.85	2.00	6.40					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	35.34	2.00	6.40					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	15.66	2.00	6.40					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	13.90	2.00	6.40					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	46.10	2.00	6.40					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	24.10	2.00	6.40					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	28.71	2.00	6.40					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	71.36	2.00	6.40					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	38.82	2.00	6.40					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	20.09	2.00	6.40					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	23.94	2.00	6.40					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	30.54	2.00	6.40					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Ti	SWA-L09-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	4.49	2.00	6.40					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	SWA-L09-1315-T01-A	1	5.11E+00		5.11E+00	7.54	1.50	4.77					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T02-A	1	1.20E+01		1.20E+01	3.43	1.50	4.77					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T03-A	1	9.12E+00		9.12E+00	6.37	1.50	4.77	10000	1000	1.09E+03	108%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T04-A	1	1.67E+01		1.67E+01	3.36	1.50	4.77					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T05-A	1	1.52E+01		1.52E+01	1.58	1.50	4.77					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T06-A	1	1.78E+01		1.78E+01	5.30	1.50	4.77					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T07-A	1	1.46E+01		1.46E+01	4.56	1.50	4.77					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T08-A	1	1.00E+01		1.00E+01	3.60	1.50	4.77					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T09-A	1	1.30E+01		1.30E+01	4.94	1.50	4.77					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T01-B	1	5.40E+00		5.40E+00	2.87	1.50	4.77					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T02-B	1	1.31E+01		1.31E+01	1.58	1.50	4.77					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T03-B	1	5.97E+00		5.97E+00	7.40	1.50	4.77	10000	1000	9.36E+02	93%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T04-B	1	1.35E+01		1.35E+01	5.21	1.50	4.77					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T05-B	1	1.34E+01		1.34E+01	3.75	1.50	4.77					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T06-B	1	1.63E+01		1.63E+01	5.19	1.50	4.77					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T07-B	1	1.37E+01		1.37E+01	3.32	1.50	4.77					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T08-B	1	8.91E+00		8.91E+00	3.26	1.50	4.77					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T09-B	1	1.16E+01		1.16E+01	2.66	1.50	4.77					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T01-C	1	6.33E+00		6.33E+00	10.32	1.50	4.77					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T02-C	1	1.53E+01		1.53E+01	6.30	1.50	4.77					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T03-C	1	7.57E+00		7.57E+00	4.44	1.50	4.77	10000	1000	1.02E+03	101%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T04-C	1	1.70E+01		1.70E+01	3.52	1.50	4.77					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T05-C	1	1.35E+01		1.35E+01	5.55	1.50	4.77					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T06-C	1	1.78E+01		1.78E+01	6.01	1.50	4.77					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T07-C	1	1.37E+01		1.37E+01	3.15	1.50	4.77					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T08-C	1	8.77E+00		8.77E+00	5.12	1.50	4.77					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-T09-C	1	1.26E+01		1.26E+01	2.72	1.50	4.77					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	44.00	1.50	4.77					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	26.98	1.50	4.77					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	77.03	1.50	4.77					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	36.97	1.50	4.77					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	12.56	1.50	4.77					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	44.42	1.50	4.77					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	51.35	1.50	4.77					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	29.24	1.50	4.77					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
V	SWA-L09-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	73.88	1.50	4.77					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	SWA-L09-1315-T01-A	1	1.00E+00	E	1.00E+00	4.22	1.00	3.18					VU ICP-OES	8/18/11 4:54 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T02-A	1	5.00E-01	U1/2	5.00E-01	14.20	1.00	3.18					VU ICP-OES	8/18/11 4:55 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T03-A	1	5.00E-01	U1/2	5.00E-01	17.85	1.00	3.18	10000	1000	1.14E+03	114%	VU ICP-OES	8/18/11 4:57 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T04-A	1	5.00E-01	U1/2	5.00E-01	16.45	1.00	3.18					VU ICP-OES	8/18/11 4:59 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T05-A	1	5.00E-01	U1/2	5.00E-01	7.44	1.00	3.18					VU ICP-OES	8/18/11 5:00 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T06-A	1	5.00E-01	U1/2	5.00E-01	28.45	1.00	3.18					VU ICP-OES	8/18/11 5:02 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T07-A	1	5.00E-01	U1/2	5.00E-01	11.83	1.00	3.18					VU ICP-OES	8/18/11 5:04 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T08-A	1	5.00E-01	U1/2	5.00E-01	22.44	1.00	3.18					VU ICP-OES	8/18/11 5:05 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T09-A	1	5.00E-01	U1/2	5.00E-01	25.64	1.00	3.18					VU ICP-OES	8/18/11 5:07 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T01-B	1	1.18E+00	E	1.18E+00	15.24	1.00	3.18					VU ICP-OES	8/18/11 5:17 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T02-B	1	5.00E-01	U1/2	5.00E-01	11.29	1.00	3.18					VU ICP-OES	8/18/11 5:19 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T03-B	1	5.00E-01	U1/2	5.00E-01	23.99	1.00	3.18	10000	1000	9.32E+02	93%	VU ICP-OES	8/18/11 5:20 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T04-B	1	5.00E-01	U1/2	5.00E-01	14.77	1.00	3.18					VU ICP-OES	8/18/11 5:22 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T05-B	1	5.00E-01	U1/2	5.00E-01	17.96	1.00	3.18					VU ICP-OES	8/18/11 5:23 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T06-B	1	5.00E-01	U1/2	5.00E-01	17.68	1.00	3.18					VU ICP-OES	8/18/11 5:25 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T07-B	1	5.00E-01	U1/2	5.00E-01	18.38	1.00	3.18					VU ICP-OES	8/18/11 5:27 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T08-B	1	5.00E-01	U1/2	5.00E-01	20.25	1.00	3.18					VU ICP-OES	8/18/11 5:28 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T09-B	1	5.00E-01	U1/2	5.00E-01	19.03	1.00	3.18					VU ICP-OES	8/18/11 5:30 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T01-C	1	1.31E+00	E	1.31E+00	3.30	1.00	3.18					VU ICP-OES	8/18/11 5:32 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T02-C	1	5.00E-01	U1/2	5.00E-01	11.48	1.00	3.18					VU ICP-OES	8/18/11 5:33 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T03-C	1	5.00E-01	U1/2	5.00E-01	9.78	1.00	3.18	10000	1000	1.07E+03	107%	VU ICP-OES	8/18/11 5:35 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T04-C	1	5.00E-01	U1/2	5.00E-01	10.64	1.00	3.18					VU ICP-OES	8/18/11 5:37 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T05-C	1	5.00E-01	U1/2	5.00E-01	15.99	1.00	3.18					VU ICP-OES	8/18/11 5:38 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T06-C	1	5.00E-01	U1/2	5.00E-01	14.07	1.00	3.18					VU ICP-OES	8/18/11 5:40 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T07-C	1	5.00E-01	U1/2	5.00E-01	21.71	1.00	3.18					VU ICP-OES	8/18/11 5:42 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T08-C	1	5.00E-01	U1/2	5.00E-01	10.08	1.00	3.18					VU ICP-OES	8/18/11 5:43 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-T09-C	1	5.00E-01	U1/2	5.00E-01	7.35	1.00	3.18					VU ICP-OES	8/18/11 5:45 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	23.97	1.00	3.18					VU ICP-OES	8/18/11 4:39 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	7.86	1.00	3.18					VU ICP-OES	8/18/11 4:41 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	5.01	1.00	3.18					VU ICP-OES	8/18/11 4:42 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	8.80	1.00	3.18					VU ICP-OES	8/18/11 4:44 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	22.17	1.00	3.18					VU ICP-OES	8/18/11 4:46 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	8.40	1.00	3.18					VU ICP-OES	8/18/11 4:47 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	22.82	1.00	3.18					VU ICP-OES	8/18/11 4:49 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	8.10	1.00	3.18					VU ICP-OES	8/18/11 4:51 PM	EPA Interlab L09 1315 SWA
Zn	SWA-L09-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	3.63	1.00	3.18					VU ICP-OES	8/18/11 4:52 PM	EPA Interlab L09 1315 SWA

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	SWA-L10-1315-T01-A	1	1.51E+03		1.51E+03	1.29	1.00	3.18					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T02-A	1	2.42E+03		2.42E+03	0.27	1.00	3.18					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T03-A	1	2.69E+03		2.69E+03	0.32	1.00	3.18	10000	1000	3.60E+03	90%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T04-A	1	5.73E+03		5.73E+03	0.83	1.00	3.18					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T05-A	1	4.84E+03		4.84E+03	0.54	1.00	3.18					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T06-A	1	5.63E+03		5.63E+03	4.31	1.00	3.18					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T07-A	1	4.91E+03		4.91E+03	0.58	1.00	3.18					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T08-A	1	3.10E+03		3.10E+03	0.88	1.00	3.18					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T09-A	1	3.94E+03		3.94E+03	0.41	1.00	3.18					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T01-B	1	1.58E+03		1.58E+03	0.60	1.00	3.18					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T02-B	1	2.98E+03		2.98E+03	0.80	1.00	3.18					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T03-B	1	3.12E+03		3.12E+03	1.32	1.00	3.18	10000	1000	3.99E+03	87%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T04-B	1	6.62E+03		6.62E+03	0.67	1.00	3.18					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T05-B	1	5.54E+03		5.54E+03	0.25	1.00	3.18					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T06-B	1	6.13E+03		6.13E+03	0.49	1.00	3.18					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T07-B	1	5.30E+03		5.30E+03	1.14	1.00	3.18					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T08-B	1	3.30E+03		3.30E+03	0.41	1.00	3.18					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T09-B	1	4.08E+03		4.08E+03	0.59	1.00	3.18					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T01-C	1	1.49E+03		1.49E+03	0.32	1.00	3.18					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T02-C	1	2.67E+03		2.67E+03	0.64	1.00	3.18					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T03-C	1	3.31E+03		3.31E+03	0.79	1.00	3.18	10000	1000	4.24E+03	93%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T04-C	1	7.11E+03		7.11E+03	0.47	1.00	3.18					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T05-C	1	5.87E+03		5.87E+03	0.73	1.00	3.18					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T06-C	1	6.39E+03		6.39E+03	0.32	1.00	3.18					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T07-C	1	5.44E+03		5.44E+03	0.63	1.00	3.18					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T08-C	1	3.37E+03		3.37E+03	0.20	1.00	3.18					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-T09-C	1	4.42E+03		4.42E+03	3.97	1.00	3.18					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	10.07	1.00	3.18					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.51	1.00	3.18					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.70	1.00	3.18					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	10.99	1.00	3.18					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	5.93	1.00	3.18					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	8.46	1.00	3.18					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	3.60	1.00	3.18					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	3.82	1.00	3.18					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Al	SWA-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	4.52	1.00	3.18					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	SWA-L10-1315-T01-A	1	2.01E+02		2.01E+02	4.45	7.50	23.90					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T02-A	1	2.44E+02		2.44E+02	2.27	7.50	23.90					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T03-A	1	2.71E+02		2.71E+02	5.55	7.50	23.90	10000	1000	1.15E+03	87%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T04-A	1	4.25E+02		4.25E+02	1.06	7.50	23.90					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T05-A	1	3.24E+02		3.24E+02	3.27	7.50	23.90					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T06-A	1	3.69E+02		3.69E+02	3.06	7.50	23.90					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T07-A	1	3.12E+02		3.12E+02	0.85	7.50	23.90					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T08-A	1	2.24E+02		2.24E+02	3.09	7.50	23.90					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T09-A	1	2.55E+02		2.55E+02	2.22	7.50	23.90					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T01-B	1	2.23E+02		2.23E+02	2.28	7.50	23.90					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T02-B	1	2.42E+02		2.42E+02	0.67	7.50	23.90					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T03-B	1	2.36E+02		2.36E+02	2.62	7.50	23.90	10000	1000	1.08E+03	85%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T04-B	1	5.03E+02		5.03E+02	1.12	7.50	23.90					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T05-B	1	3.96E+02		3.96E+02	3.22	7.50	23.90					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T06-B	1	4.26E+02		4.26E+02	2.57	7.50	23.90					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T07-B	1	3.48E+02		3.48E+02	1.58	7.50	23.90					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T08-B	1	2.28E+02		2.28E+02	4.51	7.50	23.90					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T09-B	1	2.68E+02		2.68E+02	3.09	7.50	23.90					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T01-C	1	2.00E+02		2.00E+02	4.73	7.50	23.90					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T02-C	1	2.57E+02		2.57E+02	1.92	7.50	23.90					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T03-C	1	3.15E+02		3.15E+02	5.78	7.50	23.90	10000	1000	1.17E+03	86%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T04-C	1	6.51E+02		6.51E+02	0.41	7.50	23.90					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T05-C	1	4.77E+02		4.77E+02	3.84	7.50	23.90					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T06-C	1	4.89E+02		4.89E+02	1.77	7.50	23.90					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T07-C	1	3.96E+02		3.96E+02	1.69	7.50	23.90					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T08-C	1	2.62E+02		2.62E+02	2.55	7.50	23.90					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-T09-C	1	3.08E+02		3.08E+02	3.35	7.50	23.90					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	39.60	7.50	23.90					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	16.52	7.50	23.90					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	36.86	7.50	23.90					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	10.80	7.50	23.90					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	16.24	7.50	23.90					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	53.31	7.50	23.90					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	48.15	7.50	23.90					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	13.79	7.50	23.90					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Sb	SWA-L10-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	10.52	7.50	23.90					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	SWA-L10-1315-T01-A	1	1.47E+02		1.47E+02	2.93	11.00	35.00					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T02-A	1	9.54E+01		9.54E+01	6.20	11.00	35.00					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T03-A	1	1.48E+02		1.48E+02	5.38	11.00	35.00	10000	1000	1.02E+03	88%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T04-A	1	2.88E+02		2.88E+02	2.19	11.00	35.00					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T05-A	1	2.34E+02		2.34E+02	4.24	11.00	35.00					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T06-A	1	1.94E+02		1.94E+02	4.37	11.00	35.00					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T07-A	1	1.63E+02		1.63E+02	2.33	11.00	35.00					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T08-A	1	1.05E+02		1.05E+02	10.76	11.00	35.00					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T09-A	1	1.17E+02		1.17E+02	6.03	11.00	35.00					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T01-B	1	1.90E+02		1.90E+02	1.74	11.00	35.00					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T02-B	1	1.08E+02		1.08E+02	3.84	11.00	35.00					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T03-B	1	1.30E+02		1.30E+02	8.57	11.00	35.00	10000	1000	9.77E+02	85%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T04-B	1	2.50E+02		2.50E+02	3.13	11.00	35.00					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T05-B	1	1.95E+02		1.95E+02	4.43	11.00	35.00					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T06-B	1	1.96E+02		1.96E+02	3.45	11.00	35.00					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T07-B	1	1.60E+02		1.60E+02	4.33	11.00	35.00					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T08-B	1	9.34E+01		9.34E+01	9.50	11.00	35.00					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T09-B	1	1.22E+02		1.22E+02	4.00	11.00	35.00					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T01-C	1	1.20E+02		1.20E+02	5.88	11.00	35.00					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T02-C	1	1.54E+02		1.54E+02	4.91	11.00	35.00					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T03-C	1	2.63E+02		2.63E+02	1.26	11.00	35.00	10000	1000	1.15E+03	89%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T04-C	1	4.13E+02		4.13E+02	0.59	11.00	35.00					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T05-C	1	2.67E+02		2.67E+02	1.29	11.00	35.00					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T06-C	1	2.46E+02		2.46E+02	1.69	11.00	35.00					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T07-C	1	1.76E+02		1.76E+02	5.97	11.00	35.00					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T08-C	1	1.06E+02		1.06E+02	7.75	11.00	35.00					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-T09-C	1	1.31E+02		1.31E+02	2.97	11.00	35.00					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	35.10	11.00	35.00					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	27.43	11.00	35.00					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	79.07	11.00	35.00					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	58.32	11.00	35.00					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	83.20	11.00	35.00					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	20.94	11.00	35.00					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	47.64	11.00	35.00					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	56.34	11.00	35.00					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
As	SWA-L10-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	15.41	11.00	35.00					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	SWA-L10-1315-T01-A	1	3.52E+01		3.52E+01	6.58	1.00	3.18					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T02-A	1	3.33E+01		3.33E+01	4.40	1.00	3.18					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T03-A	1	4.30E+01		4.30E+01	0.86	1.00	3.18	10000	1000	8.99E+02	86%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T04-A	1	7.28E+01		7.28E+01	3.05	1.00	3.18					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T05-A	1	6.10E+01		6.10E+01	1.14	1.00	3.18					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T06-A	1	7.25E+01		7.25E+01	2.25	1.00	3.18					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T07-A	1	6.86E+01		6.86E+01	2.14	1.00	3.18					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T08-A	1	5.15E+01		5.15E+01	0.64	1.00	3.18					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T09-A	1	5.54E+01		5.54E+01	4.12	1.00	3.18					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T01-B	1	3.24E+01		3.24E+01	4.64	1.00	3.18					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T02-B	1	3.95E+01		3.95E+01	4.02	1.00	3.18					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T03-B	1	4.56E+01		4.56E+01	3.79	1.00	3.18	10000	1000	8.92E+02	85%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T04-B	1	9.28E+01		9.28E+01	0.30	1.00	3.18					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T05-B	1	7.32E+01		7.32E+01	0.77	1.00	3.18					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T06-B	1	8.89E+01		8.89E+01	3.00	1.00	3.18					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T07-B	1	7.87E+01		7.87E+01	3.52	1.00	3.18					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T08-B	1	5.57E+01		5.57E+01	2.57	1.00	3.18					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T09-B	1	6.45E+01		6.45E+01	1.44	1.00	3.18					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T01-C	1	3.05E+01		3.05E+01	7.33	1.00	3.18					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T02-C	1	3.31E+01		3.31E+01	5.16	1.00	3.18					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T03-C	1	4.28E+01		4.28E+01	5.03	1.00	3.18	10000	1000	9.62E+02	92%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T04-C	1	8.39E+01		8.39E+01	2.91	1.00	3.18					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T05-C	1	6.74E+01		6.74E+01	5.09	1.00	3.18					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T06-C	1	7.70E+01		7.70E+01	1.75	1.00	3.18					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T07-C	1	6.98E+01		6.98E+01	0.44	1.00	3.18					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T08-C	1	5.30E+01		5.30E+01	1.82	1.00	3.18					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-T09-C	1	6.10E+01		6.10E+01	3.70	1.00	3.18					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	2.33	1.00	3.18					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	4.25	1.00	3.18					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.83	1.00	3.18					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	2.24	1.00	3.18					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	3.08	1.00	3.18					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	2.50	1.00	3.18					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	2.54	1.00	3.18					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	2.16	1.00	3.18					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
B	SWA-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	4.96	1.00	3.18					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	SWA-L10-1315-T01-A	1	1.86E+01		1.86E+01	0.78	1.00	3.18					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T02-A	1	8.61E+01		8.61E+01	0.40	1.00	3.18					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T03-A	1	1.58E+02		1.58E+02	0.54	1.00	3.18	10000	1000	1.07E+03	91%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T04-A	1	3.13E+02		3.13E+02	0.50	1.00	3.18					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T05-A	1	3.50E+02		3.50E+02	0.56	1.00	3.18					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T06-A	1	3.78E+02		3.78E+02	3.94	1.00	3.18					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T07-A	1	4.12E+02		4.12E+02	0.57	1.00	3.18					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T08-A	1	3.67E+02		3.67E+02	0.39	1.00	3.18					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T09-A	1	3.34E+02		3.34E+02	0.21	1.00	3.18					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T01-B	1	2.30E+01		2.30E+01	0.53	1.00	3.18					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T02-B	1	1.30E+02		1.30E+02	0.63	1.00	3.18					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T03-B	1	1.73E+02		1.73E+02	0.68	1.00	3.18	10000	1000	1.05E+03	87%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T04-B	1	2.91E+02		2.91E+02	0.68	1.00	3.18					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T05-B	1	3.26E+02		3.26E+02	0.11	1.00	3.18					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T06-B	1	3.74E+02		3.74E+02	0.59	1.00	3.18					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T07-B	1	4.26E+02		4.26E+02	1.53	1.00	3.18					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T08-B	1	4.10E+02		4.10E+02	0.92	1.00	3.18					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T09-B	1	3.90E+02		3.90E+02	0.14	1.00	3.18					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T01-C	1	6.96E+01		6.96E+01	1.03	1.00	3.18					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T02-C	1	3.18E+02		3.18E+02	1.08	1.00	3.18					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T03-C	1	2.08E+02		2.08E+02	0.53	1.00	3.18	10000	1000	1.23E+03	102%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T04-C	1	2.97E+02		2.97E+02	0.86	1.00	3.18					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T05-C	1	3.46E+02		3.46E+02	0.90	1.00	3.18					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T06-C	1	3.99E+02		3.99E+02	0.51	1.00	3.18					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T07-C	1	4.30E+02		4.30E+02	0.91	1.00	3.18					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T08-C	1	4.21E+02		4.21E+02	1.77	1.00	3.18					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-T09-C	1	4.11E+02		4.11E+02	3.53	1.00	3.18					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	2.37	1.00	3.18					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	21.54	1.00	3.18					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	19.28	1.00	3.18					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	24.19	1.00	3.18					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	31.45	1.00	3.18					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	7.35	1.00	3.18					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.41	1.00	3.18					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	5.69	1.00	3.18					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Ba	SWA-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	2.38	1.00	3.18					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	SWA-L10-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	27.07	1.90	6.00					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	17.27	1.90	6.00					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	22.62	1.90	6.00	10000	1000	8.90E+02	89%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	20.53	1.90	6.00					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	82.18	1.90	6.00					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	12.04	1.90	6.00					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	50.08	1.90	6.00					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	29.16	1.90	6.00					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	19.35	1.90	6.00					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	48.17	1.90	6.00					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	35.52	1.90	6.00					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	38.94	1.90	6.00	10000	1000	8.72E+02	87%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	14.76	1.90	6.00					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	89.26	1.90	6.00					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	38.71	1.90	6.00					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	24.73	1.90	6.00					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	22.65	1.90	6.00					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	55.06	1.90	6.00					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	20.33	1.90	6.00					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	30.83	1.90	6.00					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	13.59	1.90	6.00	10000	1000	9.55E+02	95%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	50.43	1.90	6.00					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	21.54	1.90	6.00					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	81.65	1.90	6.00					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	69.46	1.90	6.00					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	11.28	1.90	6.00					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	22.30	1.90	6.00					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	74.65	1.90	6.00					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	45.57	1.90	6.00					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	46.62	1.90	6.00					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	11.02	1.90	6.00					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	33.88	1.90	6.00					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	32.42	1.90	6.00					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	30.06	1.90	6.00					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	72.24	1.90	6.00					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Be	SWA-L10-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	20.92	1.90	6.00					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	SWA-L10-1315-T01-A	1	1.10E+00	U1/2	1.10E+00	28.81	2.20	7.00					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T02-A	1	1.10E+00	U1/2	1.10E+00	80.43	2.20	7.00					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T03-A	1	1.10E+00	U1/2	1.10E+00	80.48	2.20	7.00	10000	1000	9.17E+02	92%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T04-A	1	1.10E+00	U1/2	1.10E+00	12.11	2.20	7.00					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T05-A	1	1.10E+00	U1/2	1.10E+00	71.65	2.20	7.00					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T06-A	1	1.10E+00	U1/2	1.10E+00	29.75	2.20	7.00					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T07-A	1	1.10E+00	U1/2	1.10E+00	10.70	2.20	7.00					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T08-A	1	1.10E+00	U1/2	1.10E+00	29.85	2.20	7.00					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T09-A	1	1.10E+00	U1/2	1.10E+00	52.64	2.20	7.00					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T01-B	1	1.10E+00	U1/2	1.10E+00	31.16	2.20	7.00					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T02-B	1	1.10E+00	U1/2	1.10E+00	50.06	2.20	7.00					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T03-B	1	1.10E+00	U1/2	1.10E+00	30.12	2.20	7.00	10000	1000	8.89E+02	89%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T04-B	1	1.10E+00	U1/2	1.10E+00	12.78	2.20	7.00					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T05-B	1	1.10E+00	U1/2	1.10E+00	19.88	2.20	7.00					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T06-B	1	1.10E+00	U1/2	1.10E+00	10.11	2.20	7.00					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T07-B	1	1.10E+00	U1/2	1.10E+00	32.35	2.20	7.00					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T08-B	1	1.10E+00	U1/2	1.10E+00	41.12	2.20	7.00					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T09-B	1	1.10E+00	U1/2	1.10E+00	14.26	2.20	7.00					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T01-C	1	1.10E+00	U1/2	1.10E+00	48.72	2.20	7.00					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T02-C	1	1.10E+00	U1/2	1.10E+00	21.70	2.20	7.00					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T03-C	1	1.10E+00	U1/2	1.10E+00	97.83	2.20	7.00	10000	1000	9.83E+02	98%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T04-C	1	1.10E+00	U1/2	1.10E+00	25.85	2.20	7.00					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T05-C	1	1.10E+00	U1/2	1.10E+00	66.59	2.20	7.00					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T06-C	1	1.10E+00	U1/2	1.10E+00	18.96	2.20	7.00					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T07-C	1	1.10E+00	U1/2	1.10E+00	11.76	2.20	7.00					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T08-C	1	1.10E+00	U1/2	1.10E+00	22.39	2.20	7.00					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-T09-C	1	1.10E+00	U1/2	1.10E+00	56.40	2.20	7.00					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	51.86	2.20	7.00					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	98.86	2.20	7.00					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	86.74	2.20	7.00					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	58.26	2.20	7.00					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	76.29	2.20	7.00					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	15.69	2.20	7.00					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	36.71	2.20	7.00					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	11.75	2.20	7.00					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Cd	SWA-L10-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	41.87	2.20	7.00					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	SWA-L10-1315-T01-A	1	1.94E+03		1.94E+03	0.48	2.60	8.30					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T02-A	1	9.39E+03		9.39E+03	0.35	2.60	8.30					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T03-A	1	1.41E+04		1.41E+04	0.49	2.60	8.30	10000	1000	1.50E+04	88%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T04-A	1	2.66E+04		2.66E+04	0.43	2.60	8.30					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T05-A	1	2.72E+04		2.72E+04	0.58	2.60	8.30					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T06-A	1	2.76E+04		2.76E+04	3.67	2.60	8.30					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T07-A	1	2.69E+04		2.69E+04	0.13	2.60	8.30					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T08-A	1	2.39E+04		2.39E+04	0.27	2.60	8.30					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T09-A	1	2.13E+04		2.13E+04	0.36	2.60	8.30					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T01-B	1	2.48E+03		2.48E+03	0.91	2.60	8.30					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T02-B	1	1.19E+04		1.19E+04	0.77	2.60	8.30					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T03-B	1	1.60E+04		1.60E+04	0.68	2.60	8.30	10000	1000	1.68E+04	82%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T04-B	1	2.73E+04		2.73E+04	0.58	2.60	8.30					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T05-B	1	2.86E+04		2.86E+04	0.17	2.60	8.30					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T06-B	1	2.99E+04		2.99E+04	0.61	2.60	8.30					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T07-B	1	3.08E+04		3.08E+04	0.67	2.60	8.30					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T08-B	1	2.74E+04		2.74E+04	0.80	2.60	8.30					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T09-B	1	2.81E+04		2.81E+04	0.61	2.60	8.30					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T01-C	1	1.87E+03		1.87E+03	0.88	2.60	8.30					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T02-C	1	1.09E+04		1.09E+04	0.76	2.60	8.30					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T03-C	1	1.49E+04		1.49E+04	0.17	2.60	8.30	10000	1000	1.59E+04	91%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T04-C	1	2.49E+04		2.49E+04	0.49	2.60	8.30					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T05-C	1	2.66E+04		2.66E+04	0.81	2.60	8.30					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T06-C	1	2.80E+04		2.80E+04	0.18	2.60	8.30					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T07-C	1	2.86E+04		2.86E+04	0.39	2.60	8.30					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T08-C	1	2.60E+04		2.60E+04	0.31	2.60	8.30					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-T09-C	1	2.65E+04		2.65E+04	3.45	2.60	8.30					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-M01-A	1	1.65E+01		1.65E+01	1.99	2.60	8.30					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-M02-A	1	1.39E+02		1.39E+02	6.20	2.60	8.30					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-M03-A	1	2.21E+01		2.21E+01	3.38	2.60	8.30					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-M04-A	1	1.48E+02		1.48E+02	6.24	2.60	8.30					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-M05-A	1	1.10E+02		1.10E+02	8.67	2.60	8.30					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-M06-A	1	1.32E+02		1.32E+02	1.96	2.60	8.30					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-M07-A	1	7.20E+01		7.20E+01	9.01	2.60	8.30					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-M08-A	1	2.55E+01		2.55E+01	6.18	2.60	8.30					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Ca	SWA-L10-1315-M09-A	1	6.74E+01		6.74E+01	1.32	2.60	8.30					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	SWA-L10-1315-T01-A	1	1.91E+01		1.91E+01	2.92	1.20	3.82					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T02-A	1	2.59E+01		2.59E+01	0.91	1.20	3.82					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T03-A	1	2.69E+01		2.69E+01	3.08	1.20	3.82	10000	1000	9.13E+02	89%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T04-A	1	5.27E+01		5.27E+01	1.19	1.20	3.82					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T05-A	1	4.65E+01		4.65E+01	1.11	1.20	3.82					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T06-A	1	5.49E+01		5.49E+01	3.10	1.20	3.82					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T07-A	1	5.24E+01		5.24E+01	1.08	1.20	3.82					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T08-A	1	3.41E+01		3.41E+01	2.05	1.20	3.82					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T09-A	1	4.60E+01		4.60E+01	0.92	1.20	3.82					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T01-B	1	5.09E+01		5.09E+01	0.13	1.20	3.82					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T02-B	1	4.35E+01		4.35E+01	0.72	1.20	3.82					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T03-B	1	3.45E+01		3.45E+01	1.29	1.20	3.82	10000	1000	9.18E+02	88%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T04-B	1	6.47E+01		6.47E+01	0.42	1.20	3.82					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T05-B	1	5.64E+01		5.64E+01	0.81	1.20	3.82					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T06-B	1	6.13E+01		6.13E+01	1.49	1.20	3.82					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T07-B	1	5.78E+01		5.78E+01	1.40	1.20	3.82					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T08-B	1	3.92E+01		3.92E+01	3.30	1.20	3.82					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T09-B	1	4.81E+01		4.81E+01	0.60	1.20	3.82					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T01-C	1	1.81E+01		1.81E+01	0.68	1.20	3.82					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T02-C	1	3.35E+01		3.35E+01	0.61	1.20	3.82					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T03-C	1	2.92E+01		2.92E+01	1.92	1.20	3.82	10000	1000	9.90E+02	96%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T04-C	1	5.50E+01		5.50E+01	1.00	1.20	3.82					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T05-C	1	4.76E+01		4.76E+01	0.43	1.20	3.82					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T06-C	1	5.24E+01		5.24E+01	0.68	1.20	3.82					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T07-C	1	4.90E+01		4.90E+01	1.02	1.20	3.82					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T08-C	1	3.51E+01		3.51E+01	1.69	1.20	3.82					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-T09-C	1	4.48E+01		4.48E+01	3.16	1.20	3.82					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	25.73	1.20	3.82					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	51.67	1.20	3.82					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	16.19	1.20	3.82					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	63.50	1.20	3.82					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	35.63	1.20	3.82					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	75.37	1.20	3.82					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	50.35	1.20	3.82					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	67.02	1.20	3.82					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Cr	SWA-L10-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	6.01	1.20	3.82					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	SWA-L10-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	10.22	1.80	5.72					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	31.89	1.80	5.72					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	45.65	1.80	5.72	10000	1000	9.13E+02	91%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	15.45	1.80	5.72					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	36.04	1.80	5.72					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	65.23	1.80	5.72					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	24.00	1.80	5.72					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	13.21	1.80	5.72					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	29.94	1.80	5.72					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	33.37	1.80	5.72					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	32.34	1.80	5.72					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	26.21	1.80	5.72	10000	1000	8.84E+02	88%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	11.61	1.80	5.72					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	34.76	1.80	5.72					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	18.59	1.80	5.72					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	19.63	1.80	5.72					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	89.33	1.80	5.72					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	13.73	1.80	5.72					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	17.32	1.80	5.72					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	44.75	1.80	5.72					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	35.58	1.80	5.72	10000	1000	9.32E+02	93%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	32.55	1.80	5.72					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	11.05	1.80	5.72					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	16.12	1.80	5.72					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	14.72	1.80	5.72					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	14.24	1.80	5.72					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	66.10	1.80	5.72					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	86.81	1.80	5.72					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	54.79	1.80	5.72					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	47.96	1.80	5.72					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	34.78	1.80	5.72					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	88.56	1.80	5.72					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	26.62	1.80	5.72					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	44.82	1.80	5.72					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	67.94	1.80	5.72					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Co	SWA-L10-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	31.69	1.80	5.72					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	SWA-L10-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	10.21	3.70	11.80					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	61.21	3.70	11.80					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	76.59	3.70	11.80	10000	1000	8.87E+02	89%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	46.67	3.70	11.80					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	37.77	3.70	11.80					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	19.55	3.70	11.80					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	25.52	3.70	11.80					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	25.67	3.70	11.80					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	29.57	3.70	11.80					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	48.77	3.70	11.80					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T02-B	1	1.85E+00	U1/2	1.85E+00	20.77	3.70	11.80					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	47.30	3.70	11.80	10000	1000	8.60E+02	86%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	11.60	3.70	11.80					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	59.73	3.70	11.80					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	26.72	3.70	11.80					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	89.67	3.70	11.80					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	96.03	3.70	11.80					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	49.87	3.70	11.80					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	47.97	3.70	11.80					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	21.23	3.70	11.80					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	10.96	3.70	11.80	10000	1000	9.26E+02	92%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	26.11	3.70	11.80					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	79.28	3.70	11.80					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	20.87	3.70	11.80					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T07-C	1	1.85E+00	U1/2	1.85E+00	23.80	3.70	11.80					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	24.62	3.70	11.80					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	86.50	3.70	11.80					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	77.11	3.70	11.80					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	23.43	3.70	11.80					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	27.07	3.70	11.80					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	24.79	3.70	11.80					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	66.61	3.70	11.80					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	13.48	3.70	11.80					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	17.88	3.70	11.80					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	17.01	3.70	11.80					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Cu	SWA-L10-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	10.90	3.70	11.80					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	SWA-L10-1315-T01-A	1	5.92E+00	E	5.92E+00	2.77	2.00	6.40					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T02-A	1	5.93E+00	E	5.93E+00	2.20	2.00	6.40					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T03-A	1	3.69E+00	E	3.69E+00	7.31	2.00	6.40	10000	1000	9.00E+02	90%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T04-A	1	3.87E+00	E	3.87E+00	1.54	2.00	6.40					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T05-A	1	2.77E+00	E	2.77E+00	1.70	2.00	6.40					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T06-A	1	2.53E+00	E	2.53E+00	10.33	2.00	6.40					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T07-A	1	3.21E+00	E	3.21E+00	2.23	2.00	6.40					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T08-A	1	4.00E+00	E	4.00E+00	0.48	2.00	6.40					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T09-A	1	2.30E+00	E	2.30E+00	2.87	2.00	6.40					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T01-B	1	8.70E+00		8.70E+00	0.55	2.00	6.40					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T02-B	1	7.94E+00		7.94E+00	7.02	2.00	6.40					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T03-B	1	5.73E+00	E	5.73E+00	5.13	2.00	6.40	10000	1000	8.82E+02	88%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T04-B	1	7.81E+00		7.81E+00	1.40	2.00	6.40					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T05-B	1	1.38E+01		1.38E+01	1.48	2.00	6.40					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T06-B	1	3.53E+00	E	3.53E+00	9.39	2.00	6.40					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T07-B	1	2.94E+00	E	2.94E+00	9.42	2.00	6.40					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T08-B	1	2.54E+00	E	2.54E+00	2.42	2.00	6.40					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T09-B	1	2.14E+00	E	2.14E+00	4.37	2.00	6.40					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T01-C	1	6.85E+00		6.85E+00	3.63	2.00	6.40					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T02-C	1	4.84E+00	E	4.84E+00	6.40	2.00	6.40					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T03-C	1	6.53E+00		6.53E+00	1.49	2.00	6.40	10000	1000	9.34E+02	93%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T04-C	1	6.21E+00	E	6.21E+00	10.54	2.00	6.40					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T05-C	1	5.05E+00	E	5.05E+00	2.35	2.00	6.40					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T06-C	1	3.31E+00	E	3.31E+00	17.52	2.00	6.40					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T07-C	1	3.29E+00	E	3.29E+00	9.20	2.00	6.40					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T08-C	1	2.90E+00	E	2.90E+00	23.50	2.00	6.40					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-T09-C	1	2.18E+00	E	2.18E+00	2.37	2.00	6.40					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	54.62	2.00	6.40					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	31.20	2.00	6.40					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	23.64	2.00	6.40					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	18.75	2.00	6.40					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	17.11	2.00	6.40					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	60.02	2.00	6.40					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	11.05	2.00	6.40					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	65.98	2.00	6.40					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Fe	SWA-L10-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	45.89	2.00	6.40					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	SWA-L10-1315-T01-A	1	3.40E+00	U1/2	3.40E+00	25.18	6.80	21.60					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T02-A	1	3.40E+00	U1/2	3.40E+00	12.34	6.80	21.60					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T03-A	1	3.40E+00	U1/2	3.40E+00	48.59	6.80	21.60	10000	1000	9.10E+02	91%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T04-A	1	3.40E+00	U1/2	3.40E+00	19.79	6.80	21.60					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T05-A	1	3.40E+00	U1/2	3.40E+00	76.27	6.80	21.60					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T06-A	1	3.40E+00	U1/2	3.40E+00	46.88	6.80	21.60					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T07-A	1	3.40E+00	U1/2	3.40E+00	36.27	6.80	21.60					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T08-A	1	3.40E+00	U1/2	3.40E+00	49.03	6.80	21.60					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T09-A	1	3.40E+00	U1/2	3.40E+00	28.26	6.80	21.60					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T01-B	1	3.40E+00	U1/2	3.40E+00	26.92	6.80	21.60					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T02-B	1	3.40E+00	U1/2	3.40E+00	39.43	6.80	21.60					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T03-B	1	3.40E+00	U1/2	3.40E+00	94.30	6.80	21.60	10000	1000	8.77E+02	87%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T04-B	1	3.40E+00	U1/2	3.40E+00	32.19	6.80	21.60					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T05-B	1	3.40E+00	U1/2	3.40E+00	58.31	6.80	21.60					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T06-B	1	3.40E+00	U1/2	3.40E+00	12.42	6.80	21.60					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T07-B	1	3.40E+00	U1/2	3.40E+00	23.99	6.80	21.60					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T08-B	1	3.40E+00	U1/2	3.40E+00	12.27	6.80	21.60					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T09-B	1	3.40E+00	U1/2	3.40E+00	13.89	6.80	21.60					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T01-C	1	3.40E+00	U1/2	3.40E+00	21.06	6.80	21.60					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T02-C	1	3.40E+00	U1/2	3.40E+00	74.54	6.80	21.60					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T03-C	1	3.40E+00	U1/2	3.40E+00	55.23	6.80	21.60	10000	1000	9.19E+02	92%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T04-C	1	3.40E+00	U1/2	3.40E+00	39.25	6.80	21.60					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T05-C	1	3.40E+00	U1/2	3.40E+00	18.48	6.80	21.60					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T06-C	1	3.40E+00	U1/2	3.40E+00	26.85	6.80	21.60					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T07-C	1	3.40E+00	U1/2	3.40E+00	11.63	6.80	21.60					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T08-C	1	3.40E+00	U1/2	3.40E+00	43.47	6.80	21.60					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-T09-C	1	3.40E+00	U1/2	3.40E+00	38.92	6.80	21.60					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	14.60	6.80	21.60					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	21.37	6.80	21.60					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	48.40	6.80	21.60					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	15.53	6.80	21.60					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	13.38	6.80	21.60					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	57.28	6.80	21.60					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	70.68	6.80	21.60					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	74.76	6.80	21.60					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Pb	SWA-L10-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	43.78	6.80	21.60					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	SWA-L10-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	36.75	1.90	6.00					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	16.26	1.90	6.00					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	17.25	1.90	6.00	10000	1000	8.86E+02	89%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	36.86	1.90	6.00					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	38.91	1.90	6.00					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	16.67	1.90	6.00					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	10.61	1.90	6.00					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	25.85	1.90	6.00					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	26.06	1.90	6.00					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	33.07	1.90	6.00					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	41.23	1.90	6.00					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	16.39	1.90	6.00	10000	1000	8.60E+02	86%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	30.93	1.90	6.00					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	4.81	1.90	6.00					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	20.66	1.90	6.00					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	16.39	1.90	6.00					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	1.03	1.90	6.00					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	38.66	1.90	6.00					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	28.70	1.90	6.00					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	18.16	1.90	6.00					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	22.14	1.90	6.00	10000	1000	9.20E+02	92%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	16.60	1.90	6.00					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	30.67	1.90	6.00					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	18.02	1.90	6.00					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	26.16	1.90	6.00					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	0.12	1.90	6.00					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	26.31	1.90	6.00					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	21.70	1.90	6.00					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	25.99	1.90	6.00					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	31.46	1.90	6.00					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	2.63	1.90	6.00					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	40.71	1.90	6.00					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	24.27	1.90	6.00					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	3.99	1.90	6.00					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	20.61	1.90	6.00					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Li	SWA-L10-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	8.52	1.90	6.00					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	SWA-L10-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	47.68	2.00	6.40					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	3.94	2.00	6.40					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	39.04	2.00	6.40	10000	1000	8.81E+02	88%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	37.50	2.00	6.40					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	67.61	2.00	6.40					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	60.76	2.00	6.40					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	14.48	2.00	6.40					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	15.77	2.00	6.40					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	11.85	2.00	6.40					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	48.78	2.00	6.40					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	33.19	2.00	6.40					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	25.73	2.00	6.40	10000	1000	8.72E+02	87%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	18.95	2.00	6.40					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	35.86	2.00	6.40					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	30.60	2.00	6.40					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	9.53	2.00	6.40					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	4.86	2.00	6.40					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	7.80	2.00	6.40					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	12.16	2.00	6.40					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	3.08	2.00	6.40					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	20.30	2.00	6.40	10000	1000	9.32E+02	93%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	19.00	2.00	6.40					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	22.28	2.00	6.40					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	13.15	2.00	6.40					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	19.19	2.00	6.40					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	8.82	2.00	6.40					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	11.69	2.00	6.40					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	3.24	2.00	6.40					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	2.69	2.00	6.40					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	4.32	2.00	6.40					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	30.93	2.00	6.40					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	16.73	2.00	6.40					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	19.45	2.00	6.40					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	32.11	2.00	6.40					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	21.15	2.00	6.40					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Mn	SWA-L10-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	9.14	2.00	6.40					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	SWA-L10-1315-T01-A	1	1.44E+01		1.44E+01	5.75	1.00	3.18					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T02-A	1	1.60E+01		1.60E+01	2.23	1.00	3.18					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T03-A	1	3.86E+01		3.86E+01	3.19	1.00	3.18	10000	1000	9.26E+02	89%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T04-A	1	1.30E+01		1.30E+01	1.53	1.00	3.18					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T05-A	1	1.59E+01		1.59E+01	7.16	1.00	3.18					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T06-A	1	2.50E+01		2.50E+01	4.02	1.00	3.18					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T07-A	1	2.63E+01		2.63E+01	3.61	1.00	3.18					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T08-A	1	6.04E+01		6.04E+01	6.21	1.00	3.18					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T09-A	1	4.15E+01		4.15E+01	2.50	1.00	3.18					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T01-B	1	9.89E+00		9.89E+00	7.27	1.00	3.18					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T02-B	1	4.97E+01		4.97E+01	5.29	1.00	3.18					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T03-B	1	4.68E+01		4.68E+01	6.31	1.00	3.18	10000	1000	9.11E+02	86%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T04-B	1	2.78E+01		2.78E+01	6.26	1.00	3.18					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T05-B	1	2.88E+01		2.88E+01	2.63	1.00	3.18					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T06-B	1	1.17E+01		1.17E+01	8.53	1.00	3.18					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T07-B	1	1.54E+01		1.54E+01	4.25	1.00	3.18					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T08-B	1	4.61E+01		4.61E+01	11.40	1.00	3.18					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T09-B	1	3.28E+01		3.28E+01	2.51	1.00	3.18					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T01-C	1	7.22E+00		7.22E+00	4.98	1.00	3.18					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T02-C	1	2.70E+01		2.70E+01	4.98	1.00	3.18					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T03-C	1	4.52E+01		4.52E+01	3.19	1.00	3.18	10000	1000	9.95E+02	95%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T04-C	1	7.47E+00		7.47E+00	5.74	1.00	3.18					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T05-C	1	6.46E+00		6.46E+00	7.48	1.00	3.18					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T06-C	1	2.34E+01		2.34E+01	3.32	1.00	3.18					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T07-C	1	1.58E+01		1.58E+01	10.81	1.00	3.18					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T08-C	1	3.48E+01		3.48E+01	3.39	1.00	3.18					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-T09-C	1	3.69E+01		3.69E+01	4.83	1.00	3.18					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-M01-A	1	1.78E+01		1.78E+01	6.31	1.00	3.18					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-M02-A	1	2.46E+01		2.46E+01	2.62	1.00	3.18					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-M03-A	1	1.76E+01		1.76E+01	1.06	1.00	3.18					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-M04-A	1	2.53E+01		2.53E+01	3.94	1.00	3.18					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-M05-A	1	2.48E+01		2.48E+01	2.61	1.00	3.18					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-M06-A	1	2.79E+01		2.79E+01	9.33	1.00	3.18					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-M07-A	1	3.18E+01		3.18E+01	6.30	1.00	3.18					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-M08-A	1	1.97E+01		1.97E+01	11.13	1.00	3.18					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Mg	SWA-L10-1315-M09-A	1	2.99E+01		2.99E+01	9.53	1.00	3.18					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	SWA-L10-1315-T01-A	1	5.26E+00		5.26E+00	2.50	1.20	3.82					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T02-A	1	3.81E+00	E	3.81E+00	3.96	1.20	3.82					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T03-A	1	4.07E+00		4.07E+00	5.62	1.20	3.82	10000	1000	9.03E+02	90%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T04-A	1	6.70E+00		6.70E+00	1.79	1.20	3.82					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T05-A	1	5.42E+00		5.42E+00	2.47	1.20	3.82					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T06-A	1	6.73E+00		6.73E+00	6.18	1.20	3.82					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T07-A	1	5.17E+00		5.17E+00	1.92	1.20	3.82					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T08-A	1	3.66E+00	E	3.66E+00	9.17	1.20	3.82					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T09-A	1	4.60E+00		4.60E+00	3.70	1.20	3.82					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T01-B	1	9.93E+00		9.93E+00	7.65	1.20	3.82					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T02-B	1	5.45E+00		5.45E+00	10.61	1.20	3.82					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T03-B	1	6.52E+00		6.52E+00	7.82	1.20	3.82	10000	1000	8.86E+02	88%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T04-B	1	1.15E+01		1.15E+01	4.77	1.20	3.82					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T05-B	1	8.18E+00		8.18E+00	1.73	1.20	3.82					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T06-B	1	8.68E+00		8.68E+00	1.50	1.20	3.82					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T07-B	1	5.61E+00		5.61E+00	6.86	1.20	3.82					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T08-B	1	3.12E+00	E	3.12E+00	24.54	1.20	3.82					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T09-B	1	3.49E+00	E	3.49E+00	30.45	1.20	3.82					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T01-C	1	4.10E+00		4.10E+00	3.06	1.20	3.82					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T02-C	1	5.60E+00		5.60E+00	1.23	1.20	3.82					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T03-C	1	5.66E+00		5.66E+00	9.23	1.20	3.82	10000	1000	9.32E+02	93%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T04-C	1	1.36E+01		1.36E+01	5.20	1.20	3.82					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T05-C	1	1.03E+01		1.03E+01	8.23	1.20	3.82					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T06-C	1	9.85E+00		9.85E+00	5.51	1.20	3.82					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T07-C	1	7.26E+00		7.26E+00	7.43	1.20	3.82					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T08-C	1	4.50E+00		4.50E+00	16.27	1.20	3.82					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-T09-C	1	5.07E+00		5.07E+00	1.51	1.20	3.82					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	9.60	1.20	3.82					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	34.20	1.20	3.82					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	24.25	1.20	3.82					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	6.05	1.20	3.82					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	23.59	1.20	3.82					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	12.44	1.20	3.82					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	8.81	1.20	3.82					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	15.76	1.20	3.82					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Mo	SWA-L10-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	23.36	1.20	3.82					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	SWA-L10-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	41.54	1.80	5.70					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	3.66	1.80	5.70					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	64.79	1.80	5.70	10000	1000	9.05E+02	90%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	61.94	1.80	5.70					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	11.73	1.80	5.70					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	12.23	1.80	5.70					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	58.50	1.80	5.70					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	82.44	1.80	5.70					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	83.79	1.80	5.70					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	10.10	1.80	5.70					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	45.25	1.80	5.70					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	54.10	1.80	5.70	10000	1000	8.78E+02	88%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	65.49	1.80	5.70					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	13.84	1.80	5.70					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	14.99	1.80	5.70					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	19.71	1.80	5.70					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	16.93	1.80	5.70					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	33.03	1.80	5.70					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	37.58	1.80	5.70					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	86.05	1.80	5.70					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	62.10	1.80	5.70	10000	1000	9.43E+02	94%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	14.89	1.80	5.70					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	83.66	1.80	5.70					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	45.57	1.80	5.70					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	16.68	1.80	5.70					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	42.82	1.80	5.70					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	17.64	1.80	5.70					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	11.25	1.80	5.70					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	49.90	1.80	5.70					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	17.30	1.80	5.70					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	13.19	1.80	5.70					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	28.01	1.80	5.70					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	39.06	1.80	5.70					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	33.96	1.80	5.70					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	44.17	1.80	5.70					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Ni	SWA-L10-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	25.40	1.80	5.70					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	SWA-L10-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	70.94	3.70	11.80					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	40.34	3.70	11.80					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	18.14	3.70	11.80	10000	1000	8.91E+02	89%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	58.31	3.70	11.80					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T05-A	1	8.27E+00	E	8.27E+00	15.17	3.70	11.80					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	40.20	3.70	11.80					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	11.86	3.70	11.80					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	36.28	3.70	11.80					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	44.07	3.70	11.80					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T01-B	1	1.36E+01		1.36E+01	4.45	3.70	11.80					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T02-B	1	8.92E+00	E	8.92E+00	12.19	3.70	11.80					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T03-B	1	1.42E+01		1.42E+01	7.72	3.70	11.80	10000	1000	8.64E+02	85%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T04-B	1	2.01E+01		2.01E+01	11.01	3.70	11.80					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T05-B	1	7.08E+00	E	7.08E+00	37.79	3.70	11.80					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	53.78	3.70	11.80					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T07-B	1	6.15E+00	E	6.15E+00	29.20	3.70	11.80					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	15.13	3.70	11.80					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	57.16	3.70	11.80					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	40.67	3.70	11.80					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	48.77	3.70	11.80					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T03-C	1	6.54E+00	E	6.54E+00	18.99	3.70	11.80	10000	1000	8.95E+02	89%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T04-C	1	3.30E+00	U1/2	3.30E+00	80.13	3.70	11.80					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	20.66	3.70	11.80					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	24.89	3.70	11.80					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T07-C	1	7.21E+00	E	7.21E+00	19.85	3.70	11.80					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	67.49	3.70	11.80					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	24.00	3.70	11.80					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	62.52	3.70	11.80					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	98.62	3.70	11.80					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	26.01	3.70	11.80					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	18.49	3.70	11.80					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	13.26	3.70	11.80					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	30.10	3.70	11.80					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	73.06	3.70	11.80					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	15.82	3.70	11.80					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
P	SWA-L10-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	92.37	3.70	11.80					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	SWA-L10-1315-T01-A	1	1.08E+04		1.08E+04	0.60	1.60	5.09					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T02-A	1	1.16E+04		1.16E+04	0.22	1.60	5.09					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T03-A	1	1.12E+04		1.12E+04	0.49	1.60	5.09	10000	1000	1.21E+04	91%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T04-A	1	3.31E+04		3.31E+04	0.43	1.60	5.09					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T05-A	1	2.75E+04		2.75E+04	1.24	1.60	5.09					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T06-A	1	3.61E+04		3.61E+04	2.76	1.60	5.09					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T07-A	1	2.81E+04		2.81E+04	0.54	1.60	5.09					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T08-A	1	1.21E+04		1.21E+04	0.11	1.60	5.09					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T09-A	1	1.83E+04		1.83E+04	0.24	1.60	5.09					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T01-B	1	1.16E+04		1.16E+04	0.54	1.60	5.09					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T02-B	1	1.54E+04		1.54E+04	0.72	1.60	5.09					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T03-B	1	1.50E+04		1.50E+04	0.72	1.60	5.09	10000	1000	1.59E+04	83%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T04-B	1	4.49E+04		4.49E+04	0.43	1.60	5.09					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T05-B	1	3.46E+04		3.46E+04	0.31	1.60	5.09					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T06-B	1	4.09E+04		4.09E+04	0.94	1.60	5.09					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T07-B	1	2.99E+04		2.99E+04	1.22	1.60	5.09					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T08-B	1	1.21E+04		1.21E+04	0.83	1.60	5.09					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T09-B	1	1.84E+04		1.84E+04	0.76	1.60	5.09					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T01-C	1	1.07E+04		1.07E+04	0.88	1.60	5.09					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T02-C	1	1.69E+04		1.69E+04	1.16	1.60	5.09					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T03-C	1	2.22E+04		2.22E+04	0.86	1.60	5.09	10000	1000	2.31E+04	85%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T04-C	1	6.09E+04		6.09E+04	0.30	1.60	5.09					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T05-C	1	4.52E+04		4.52E+04	0.32	1.60	5.09					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T06-C	1	5.20E+04		5.20E+04	0.81	1.60	5.09					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T07-C	1	3.80E+04		3.80E+04	0.32	1.60	5.09					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T08-C	1	1.51E+04		1.51E+04	0.52	1.60	5.09					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-T09-C	1	2.26E+04		2.26E+04	3.06	1.60	5.09					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-M01-A	1	3.39E+01		3.39E+01	3.51	1.60	5.09					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-M02-A	1	2.74E+01		2.74E+01	1.84	1.60	5.09					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-M03-A	1	1.72E+01		1.72E+01	13.09	1.60	5.09					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-M04-A	1	2.36E+01		2.36E+01	9.79	1.60	5.09					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-M05-A	1	9.78E+00		9.78E+00	9.48	1.60	5.09					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-M06-A	1	1.59E+01		1.59E+01	3.21	1.60	5.09					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-M07-A	1	4.19E+00	E	4.19E+00	1.85	1.60	5.09					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-M08-A	1	6.85E+00		6.85E+00	7.39	1.60	5.09					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
K	SWA-L10-1315-M09-A	1	1.32E+01		1.32E+01	4.79	1.60	5.09					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	SWA-L10-1315-T01-A	1	2.08E+03		2.08E+03	0.39	15.00	47.70					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T02-A	1	1.54E+03		1.54E+03	1.16	15.00	47.70					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T03-A	1	2.87E+03		2.87E+03	0.50	15.00	47.70	10000	1000	3.74E+03	87%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T04-A	1	6.42E+03		6.42E+03	0.48	15.00	47.70					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T05-A	1	4.13E+03		4.13E+03	1.36	15.00	47.70					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T06-A	1	4.34E+03		4.34E+03	3.40	15.00	47.70					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T07-A	1	2.28E+03		2.28E+03	1.84	15.00	47.70					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T08-A	1	1.19E+03		1.19E+03	2.40	15.00	47.70					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T09-A	1	1.57E+03		1.57E+03	0.74	15.00	47.70					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T01-B	1	2.64E+03		2.64E+03	1.18	15.00	47.70					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T02-B	1	1.81E+03		1.81E+03	1.45	15.00	47.70					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T03-B	1	1.83E+03		1.83E+03	0.09	15.00	47.70	10000	1000	2.69E+03	86%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T04-B	1	5.23E+03		5.23E+03	0.58	15.00	47.70					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T05-B	1	3.57E+03		3.57E+03	0.33	15.00	47.70					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T06-B	1	3.87E+03		3.87E+03	1.05	15.00	47.70					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T07-B	1	2.42E+03		2.42E+03	0.39	15.00	47.70					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T08-B	1	8.63E+02		8.63E+02	2.92	15.00	47.70					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T09-B	1	1.40E+03		1.40E+03	0.26	15.00	47.70					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T01-C	1	2.38E+03		2.38E+03	2.56	15.00	47.70					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T02-C	1	1.86E+03		1.86E+03	1.76	15.00	47.70					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T03-C	1	2.87E+03		2.87E+03	0.05	15.00	47.70	10000	1000	3.72E+03	85%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T04-C	1	7.02E+03		7.02E+03	0.71	15.00	47.70					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T05-C	1	4.49E+03		4.49E+03	0.76	15.00	47.70					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T06-C	1	4.63E+03		4.63E+03	0.68	15.00	47.70					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T07-C	1	2.85E+03		2.85E+03	1.08	15.00	47.70					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T08-C	1	1.03E+03		1.03E+03	1.53	15.00	47.70					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-T09-C	1	1.71E+03		1.71E+03	4.63	15.00	47.70					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	10.12	15.00	47.70					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	19.84	15.00	47.70					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	43.04	15.00	47.70					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	64.84	15.00	47.70					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	11.54	15.00	47.70					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	18.27	15.00	47.70					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	26.13	15.00	47.70					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	49.27	15.00	47.70					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Se	SWA-L10-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	22.19	15.00	47.70					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	SWA-L10-1315-T01-A	1	7.21E+02		7.21E+02	0.31	1.10	3.50					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T02-A	1	1.50E+03		1.50E+03	0.62	1.10	3.50					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T03-A	1	2.64E+03		2.64E+03	0.30	1.10	3.50	10000	1000	3.55E+03	91%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T04-A	1	7.13E+03		7.13E+03	0.52	1.10	3.50					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T05-A	1	7.12E+03		7.12E+03	2.28	1.10	3.50					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T06-A	1	8.63E+03		8.63E+03	3.52	1.10	3.50					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T07-A	1	8.19E+03		8.19E+03	1.03	1.10	3.50					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T08-A	1	6.17E+03		6.17E+03	1.45	1.10	3.50					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T09-A	1	7.98E+03		7.98E+03	0.87	1.10	3.50					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T01-B	1	9.84E+02		9.84E+02	1.33	1.10	3.50					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T02-B	1	2.18E+03		2.18E+03	0.82	1.10	3.50					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T03-B	1	3.24E+03		3.24E+03	0.75	1.10	3.50	10000	1000	4.15E+03	91%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T04-B	1	7.62E+03		7.62E+03	1.08	1.10	3.50					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T05-B	1	7.39E+03		7.39E+03	0.83	1.10	3.50					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T06-B	1	8.36E+03		8.36E+03	0.76	1.10	3.50					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T07-B	1	7.98E+03		7.98E+03	1.16	1.10	3.50					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T08-B	1	5.96E+03		5.96E+03	0.83	1.10	3.50					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T09-B	1	7.49E+03		7.49E+03	1.30	1.10	3.50					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T01-C	1	8.62E+02		8.62E+02	1.95	1.10	3.50					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T02-C	1	2.09E+03		2.09E+03	0.85	1.10	3.50					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T03-C	1	3.39E+03		3.39E+03	0.48	1.10	3.50	10000	1000	4.25E+03	86%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T04-C	1	8.18E+03		8.18E+03	0.21	1.10	3.50					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T05-C	1	7.74E+03		7.74E+03	0.52	1.10	3.50					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T06-C	1	8.69E+03		8.69E+03	0.45	1.10	3.50					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T07-C	1	8.12E+03		8.12E+03	1.00	1.10	3.50					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T08-C	1	6.08E+03		6.08E+03	0.28	1.10	3.50					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-T09-C	1	7.86E+03		7.86E+03	3.71	1.10	3.50					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	12.32	1.10	3.50					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	8.79	1.10	3.50					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	24.29	1.10	3.50					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	16.81	1.10	3.50					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	8.02	1.10	3.50					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	29.76	1.10	3.50					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	20.67	1.10	3.50					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	36.35	1.10	3.50					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Si	SWA-L10-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	9.36	1.10	3.50					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	SWA-L10-1315-T01-A	1	4.75E+04		4.75E+04	0.79	2.50	8.00					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T02-A	1	4.72E+04		4.72E+04	0.54	2.50	8.00					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T03-A	1	4.83E+04		4.83E+04	0.09	2.50	8.00	10000	1000	4.92E+04	93%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T04-A	1	1.08E+05		1.08E+05	0.37	2.50	8.00					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T05-A	1	9.59E+04		9.59E+04	0.60	2.50	8.00					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T06-A	1	1.17E+05		1.17E+05	0.66	2.50	8.00					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T07-A	1	9.75E+04		9.75E+04	0.75	2.50	8.00					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T08-A	1	5.27E+04		5.27E+04	0.71	2.50	8.00					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T09-A	1	7.50E+04		7.50E+04	0.34	2.50	8.00					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T01-B	1	5.07E+04		5.07E+04	0.47	2.50	8.00					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T02-B	1	6.15E+04		6.15E+04	0.35	2.50	8.00					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T03-B	1	6.11E+04		6.11E+04	0.36	2.50	8.00	10000	1000	6.20E+04	90%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T04-B	1	1.33E+05		1.33E+05	0.23	2.50	8.00					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T05-B	1	1.12E+05		1.12E+05	0.41	2.50	8.00					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T06-B	1	1.27E+05		1.27E+05	0.20	2.50	8.00					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T07-B	1	1.02E+05		1.02E+05	0.27	2.50	8.00					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T08-B	1	5.19E+04		5.19E+04	0.11	2.50	8.00					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T09-B	1	7.32E+04		7.32E+04	1.11	2.50	8.00					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T01-C	1	4.71E+04		4.71E+04	0.34	2.50	8.00					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T02-C	1	6.63E+04		6.63E+04	0.85	2.50	8.00					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T03-C	1	8.03E+04		8.03E+04	0.36	2.50	8.00	10000	1000	8.12E+04	91%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T04-C	1	1.60E+05		1.60E+05	0.58	2.50	8.00					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T05-C	1	1.34E+05		1.34E+05	0.91	2.50	8.00					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T06-C	1	1.48E+05		1.48E+05	0.21	2.50	8.00					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T07-C	1	1.18E+05		1.18E+05	0.41	2.50	8.00					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T08-C	1	6.17E+04		6.17E+04	0.27	2.50	8.00					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-T09-C	1	8.36E+04		8.36E+04	1.29	2.50	8.00					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-M01-A	1	3.23E+01		3.23E+01	5.88	2.50	8.00					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-M02-A	1	4.06E+01		4.06E+01	0.87	2.50	8.00					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-M03-A	1	3.09E+01		3.09E+01	3.08	2.50	8.00					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-M04-A	1	3.36E+01		3.36E+01	6.07	2.50	8.00					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-M05-A	1	2.44E+01		2.44E+01	3.86	2.50	8.00					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-M06-A	1	2.37E+01		2.37E+01	7.71	2.50	8.00					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-M07-A	1	2.84E+01		2.84E+01	5.13	2.50	8.00					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-M08-A	1	2.23E+01		2.23E+01	3.60	2.50	8.00					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Na	SWA-L10-1315-M09-A	1	2.34E+01		2.34E+01	10.47	2.50	8.00					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	SWA-L10-1315-T01-A	1	1.82E+01		1.82E+01	0.54	1.00	3.18					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T02-A	1	8.25E+01		8.25E+01	1.17	1.00	3.18					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T03-A	1	1.12E+02		1.12E+02	0.63	1.00	3.18	10000	1000	9.71E+02	86%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T04-A	1	2.26E+02		2.26E+02	1.07	1.00	3.18					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T05-A	1	2.24E+02		2.24E+02	0.52	1.00	3.18					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T06-A	1	2.42E+02		2.42E+02	3.53	1.00	3.18					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T07-A	1	2.42E+02		2.42E+02	0.58	1.00	3.18					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T08-A	1	1.90E+02		1.90E+02	0.41	1.00	3.18					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T09-A	1	1.92E+02		1.92E+02	0.25	1.00	3.18					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T01-B	1	2.46E+01		2.46E+01	2.50	1.00	3.18					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T02-B	1	1.02E+02		1.02E+02	1.23	1.00	3.18					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T03-B	1	1.25E+02		1.25E+02	1.58	1.00	3.18	10000	1000	9.77E+02	85%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T04-B	1	2.39E+02		2.39E+02	0.79	1.00	3.18					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T05-B	1	2.43E+02		2.43E+02	0.60	1.00	3.18					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T06-B	1	2.69E+02		2.69E+02	0.64	1.00	3.18					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T07-B	1	2.76E+02		2.76E+02	0.76	1.00	3.18					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T08-B	1	2.19E+02		2.19E+02	0.94	1.00	3.18					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T09-B	1	2.29E+02		2.29E+02	0.65	1.00	3.18					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T01-C	1	1.72E+01		1.72E+01	4.86	1.00	3.18					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T02-C	1	9.31E+01		9.31E+01	1.54	1.00	3.18					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T03-C	1	1.17E+02		1.17E+02	1.24	1.00	3.18	10000	1000	1.03E+03	91%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T04-C	1	2.20E+02		2.20E+02	0.75	1.00	3.18					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T05-C	1	2.25E+02		2.25E+02	0.62	1.00	3.18					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T06-C	1	2.55E+02		2.55E+02	0.62	1.00	3.18					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T07-C	1	2.55E+02		2.55E+02	0.73	1.00	3.18					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T08-C	1	2.08E+02		2.08E+02	0.37	1.00	3.18					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-T09-C	1	2.22E+02		2.22E+02	3.59	1.00	3.18					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	13.49	1.00	3.18					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	17.62	1.00	3.18					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	29.30	1.00	3.18					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	49.51	1.00	3.18					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	52.48	1.00	3.18					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	29.12	1.00	3.18					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	44.28	1.00	3.18					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	36.88	1.00	3.18					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Sr	SWA-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	11.87	1.00	3.18					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	SWA-L10-1315-T01-A	1	2.78E+03		2.78E+03	0.12	6.80	21.60					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T02-A	1	5.62E+03		5.62E+03	2.05	6.80	21.60					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T03-A	1	4.03E+03		4.03E+03	1.01	6.80	21.60	10000	1000	4.98E+03	95%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T04-A	1	1.20E+04		1.20E+04	1.25	6.80	21.60					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T05-A	1	9.85E+03		9.85E+03	1.92	6.80	21.60					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T06-A	1	1.21E+04		1.21E+04	3.60	6.80	21.60					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T07-A	1	7.73E+03		7.73E+03	0.83	6.80	21.60					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T08-A	1	2.52E+03		2.52E+03	1.67	6.80	21.60					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T09-A	1	4.71E+03		4.71E+03	1.31	6.80	21.60					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T01-B	1	2.11E+03		2.11E+03	0.53	6.80	21.60					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T02-B	1	5.60E+03		5.60E+03	1.66	6.80	21.60					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T03-B	1	8.26E+03		8.26E+03	1.30	6.80	21.60	10000	1000	9.15E+03	88%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T04-B	1	2.45E+04		2.45E+04	0.72	6.80	21.60					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T05-B	1	1.71E+04		1.71E+04	0.71	6.80	21.60					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T06-B	1	1.78E+04		1.78E+04	0.61	6.80	21.60					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T07-B	1	9.38E+03		9.38E+03	1.25	6.80	21.60					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T08-B	1	3.41E+03		3.41E+03	0.51	6.80	21.60					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T09-B	1	5.92E+03		5.92E+03	0.27	6.80	21.60					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T01-C	1	2.12E+03		2.12E+03	2.04	6.80	21.60					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T02-C	1	5.46E+03		5.46E+03	2.01	6.80	21.60					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T03-C	1	1.34E+04		1.34E+04	0.48	6.80	21.60	10000	1000	1.43E+04	91%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T04-C	1	2.84E+04		2.84E+04	0.55	6.80	21.60					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T05-C	1	2.26E+04		2.26E+04	1.29	6.80	21.60					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T06-C	1	2.13E+04		2.13E+04	0.81	6.80	21.60					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T07-C	1	1.39E+04		1.39E+04	0.19	6.80	21.60					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T08-C	1	4.13E+03		4.13E+03	0.47	6.80	21.60					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-T09-C	1	7.18E+03		7.18E+03	2.61	6.80	21.60					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	2.19	6.80	21.60					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	3.02	6.80	21.60					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	3.21	6.80	21.60					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	4.01	6.80	21.60					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	2.89	6.80	21.60					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	1.70	6.80	21.60					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	3.10	6.80	21.60					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	1.41	6.80	21.60					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
S	SWA-L10-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	1.77	6.80	21.60					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	SWA-L10-1315-T01-A	1	2.30E+00	U1/2	2.30E+00	35.46	4.60	14.60					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T02-A	1	2.30E+00	U1/2	2.30E+00	16.33	4.60	14.60					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T03-A	1	2.30E+00	U1/2	2.30E+00	6.63	4.60	14.60	10000	1000	8.84E+02	88%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T04-A	1	2.30E+00	U1/2	2.30E+00	17.69	4.60	14.60					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T05-A	1	2.30E+00	U1/2	2.30E+00	28.93	4.60	14.60					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T06-A	1	2.30E+00	U1/2	2.30E+00	46.47	4.60	14.60					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T07-A	1	2.30E+00	U1/2	2.30E+00	13.11	4.60	14.60					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T08-A	1	2.30E+00	U1/2	2.30E+00	15.95	4.60	14.60					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T09-A	1	2.30E+00	U1/2	2.30E+00	26.58	4.60	14.60					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T01-B	1	2.30E+00	U1/2	2.30E+00	37.99	4.60	14.60					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T02-B	1	2.30E+00	U1/2	2.30E+00	10.17	4.60	14.60					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T03-B	1	2.30E+00	U1/2	2.30E+00	10.22	4.60	14.60	10000	1000	8.77E+02	87%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T04-B	1	2.30E+00	U1/2	2.30E+00	82.15	4.60	14.60					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T05-B	1	2.30E+00	U1/2	2.30E+00	11.13	4.60	14.60					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T06-B	1	2.30E+00	U1/2	2.30E+00	8.61	4.60	14.60					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T07-B	1	2.30E+00	U1/2	2.30E+00	20.30	4.60	14.60					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T08-B	1	2.30E+00	U1/2	2.30E+00	8.67	4.60	14.60					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T09-B	1	2.30E+00	U1/2	2.30E+00	7.54	4.60	14.60					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T01-C	1	2.30E+00	U1/2	2.30E+00	6.16	4.60	14.60					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T02-C	1	2.30E+00	U1/2	2.30E+00	29.17	4.60	14.60					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T03-C	1	2.30E+00	U1/2	2.30E+00	23.98	4.60	14.60	10000	1000	9.30E+02	93%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T04-C	1	2.30E+00	U1/2	2.30E+00	18.61	4.60	14.60					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T05-C	1	2.30E+00	U1/2	2.30E+00	29.25	4.60	14.60					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T06-C	1	2.30E+00	U1/2	2.30E+00	22.85	4.60	14.60					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T07-C	1	2.30E+00	U1/2	2.30E+00	16.22	4.60	14.60					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T08-C	1	2.30E+00	U1/2	2.30E+00	15.66	4.60	14.60					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-T09-C	1	2.30E+00	U1/2	2.30E+00	46.52	4.60	14.60					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	21.95	4.60	14.60					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	66.89	4.60	14.60					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	23.13	4.60	14.60					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	12.59	4.60	14.60					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	32.12	4.60	14.60					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	15.74	4.60	14.60					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	12.57	4.60	14.60					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	41.90	4.60	14.60					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Tl	SWA-L10-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	34.68	4.60	14.60					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	SWA-L10-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	10.83	2.00	6.40					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	54.06	2.00	6.40					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	51.61	2.00	6.40	10000	1000	9.40E+02	94%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	11.94	2.00	6.40					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	83.62	2.00	6.40					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	72.80	2.00	6.40					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	11.53	2.00	6.40					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	79.46	2.00	6.40					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	48.41	2.00	6.40					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	27.77	2.00	6.40					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	89.59	2.00	6.40					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	17.69	2.00	6.40	10000	1000	8.80E+02	88%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	33.30	2.00	6.40					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	17.28	2.00	6.40					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	20.00	2.00	6.40					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	13.30	2.00	6.40					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	31.92	2.00	6.40					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	36.05	2.00	6.40					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	34.38	2.00	6.40					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	35.94	2.00	6.40					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	61.58	2.00	6.40	10000	1000	8.93E+02	89%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	74.46	2.00	6.40					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	81.69	2.00	6.40					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	45.12	2.00	6.40					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	11.46	2.00	6.40					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	49.80	2.00	6.40					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	95.27	2.00	6.40					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	81.51	2.00	6.40					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	73.37	2.00	6.40					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	10.33	2.00	6.40					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	33.21	2.00	6.40					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	29.93	2.00	6.40					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	16.74	2.00	6.40					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	10.98	2.00	6.40					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	37.23	2.00	6.40					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Ti	SWA-L10-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	74.87	2.00	6.40					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	SWA-L10-1315-T01-A	1	1.18E+01		1.18E+01	2.45	1.50	4.77					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T02-A	1	8.88E+00		8.88E+00	4.46	1.50	4.77					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T03-A	1	1.08E+01		1.08E+01	5.33	1.50	4.77	10000	1000	8.79E+02	87%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T04-A	1	2.07E+01		2.07E+01	2.64	1.50	4.77					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T05-A	1	1.79E+01		1.79E+01	4.84	1.50	4.77					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T06-A	1	2.10E+01		2.10E+01	7.55	1.50	4.77					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T07-A	1	1.85E+01		1.85E+01	3.61	1.50	4.77					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T08-A	1	1.31E+01		1.31E+01	3.05	1.50	4.77					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T09-A	1	1.63E+01		1.63E+01	4.22	1.50	4.77					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T01-B	1	1.47E+01		1.47E+01	7.67	1.50	4.77					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T02-B	1	1.17E+01		1.17E+01	3.76	1.50	4.77					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T03-B	1	1.36E+01		1.36E+01	2.84	1.50	4.77	10000	1000	8.71E+02	86%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T04-B	1	2.59E+01		2.59E+01	1.65	1.50	4.77					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T05-B	1	2.15E+01		2.15E+01	5.36	1.50	4.77					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T06-B	1	2.40E+01		2.40E+01	1.67	1.50	4.77					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T07-B	1	2.09E+01		2.09E+01	4.46	1.50	4.77					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T08-B	1	1.38E+01		1.38E+01	3.82	1.50	4.77					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T09-B	1	1.72E+01		1.72E+01	4.88	1.50	4.77					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T01-C	1	1.14E+01		1.14E+01	9.46	1.50	4.77					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T02-C	1	1.16E+01		1.16E+01	4.42	1.50	4.77					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T03-C	1	1.61E+01		1.61E+01	2.53	1.50	4.77	10000	1000	9.38E+02	92%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T04-C	1	3.03E+01		3.03E+01	2.82	1.50	4.77					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T05-C	1	2.35E+01		2.35E+01	3.65	1.50	4.77					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T06-C	1	2.49E+01		2.49E+01	0.86	1.50	4.77					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T07-C	1	2.06E+01		2.06E+01	2.95	1.50	4.77					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T08-C	1	1.38E+01		1.38E+01	4.65	1.50	4.77					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-T09-C	1	1.78E+01		1.78E+01	1.71	1.50	4.77					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	10.47	1.50	4.77					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	21.21	1.50	4.77					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	10.67	1.50	4.77					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	35.63	1.50	4.77					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	27.99	1.50	4.77					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	10.17	1.50	4.77					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	10.91	1.50	4.77					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	18.09	1.50	4.77					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
V	SWA-L10-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	12.34	1.50	4.77					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	SWA-L10-1315-T01-A	1	4.03E+00		4.03E+00	1.15	1.00	3.18					VU ICP-OES	2/17/11 12:14 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T02-A	1	2.79E+00	E	2.79E+00	6.95	1.00	3.18					VU ICP-OES	2/17/11 12:16 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T03-A	1	1.21E+00	E	1.21E+00	26.38	1.00	3.18	10000	1000	9.25E+02	92%	VU ICP-OES	2/17/11 12:17 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T04-A	1	1.65E+00	E	1.65E+00	14.16	1.00	3.18					VU ICP-OES	2/17/11 12:19 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T05-A	1	1.89E+00	E	1.89E+00	3.16	1.00	3.18					VU ICP-OES	2/17/11 12:21 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T06-A	1	1.27E+00	E	1.27E+00	1.91	1.00	3.18					VU ICP-OES	2/17/11 12:22 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T07-A	1	2.86E+00	E	2.86E+00	6.12	1.00	3.18					VU ICP-OES	2/17/11 12:24 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T08-A	1	4.31E+00		4.31E+00	6.48	1.00	3.18					VU ICP-OES	2/17/11 12:26 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T09-A	1	3.65E+00		3.65E+00	1.05	1.00	3.18					VU ICP-OES	2/17/11 12:27 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T01-B	1	1.24E+00	E	1.24E+00	11.87	1.00	3.18					VU ICP-OES	2/17/11 12:36 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T02-B	1	4.05E+00		4.05E+00	4.82	1.00	3.18					VU ICP-OES	2/17/11 12:37 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T03-B	1	1.94E+00	E	1.94E+00	12.65	1.00	3.18	10000	1000	8.78E+02	88%	VU ICP-OES	2/17/11 12:39 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T04-B	1	1.18E+00	E	1.18E+00	25.70	1.00	3.18					VU ICP-OES	2/17/11 12:41 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T05-B	1	2.43E+00	E	2.43E+00	15.17	1.00	3.18					VU ICP-OES	2/17/11 12:42 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T06-B	1	2.70E+00	E	2.70E+00	1.91	1.00	3.18					VU ICP-OES	2/17/11 12:44 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T07-B	1	3.26E+00		3.26E+00	1.04	1.00	3.18					VU ICP-OES	2/17/11 12:45 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T08-B	1	1.75E+00	E	1.75E+00	28.59	1.00	3.18					VU ICP-OES	2/17/11 12:47 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T09-B	1	2.55E+00	E	2.55E+00	6.86	1.00	3.18					VU ICP-OES	2/17/11 12:49 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T01-C	1	2.23E+00	E	2.23E+00	8.47	1.00	3.18					VU ICP-OES	2/17/11 12:50 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T02-C	1	7.51E+00		7.51E+00	3.23	1.00	3.18					VU ICP-OES	2/17/11 12:52 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T03-C	1	1.72E+00	E	1.72E+00	5.72	1.00	3.18	10000	1000	9.90E+02	99%	VU ICP-OES	2/17/11 12:54 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T04-C	1	2.56E+00	E	2.56E+00	1.04	1.00	3.18					VU ICP-OES	2/17/11 12:55 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T05-C	1	4.23E+00		4.23E+00	7.39	1.00	3.18					VU ICP-OES	2/17/11 12:57 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T06-C	1	3.11E+00	E	3.11E+00	15.11	1.00	3.18					VU ICP-OES	2/17/11 12:59 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T07-C	1	2.90E+00	E	2.90E+00	2.59	1.00	3.18					VU ICP-OES	2/17/11 1:00 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T08-C	1	1.05E+00	E	1.05E+00	19.80	1.00	3.18					VU ICP-OES	2/17/11 1:02 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-T09-C	1	1.69E+00	E	1.69E+00	2.82	1.00	3.18					VU ICP-OES	2/17/11 1:03 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	4.57	1.00	3.18					VU ICP-OES	2/17/11 11:59 AM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	3.03	1.00	3.18					VU ICP-OES	2/17/11 12:01 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	18.47	1.00	3.18					VU ICP-OES	2/17/11 12:02 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	5.36	1.00	3.18					VU ICP-OES	2/17/11 12:04 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.01	1.00	3.18					VU ICP-OES	2/17/11 12:06 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	5.16	1.00	3.18					VU ICP-OES	2/17/11 12:07 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	7.72	1.00	3.18					VU ICP-OES	2/17/11 12:09 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	6.05	1.00	3.18					VU ICP-OES	2/17/11 12:11 PM	EPA Interlab L10 1315 SWA
Zn	SWA-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	11.31	1.00	3.18					VU ICP-OES	2/17/11 12:12 PM	EPA Interlab L10 1315 SWA

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	SWA-L11-1315-T01-A	1	2.06E+03		2.06E+03	2.81	1.00	3.18					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T02-A	1	5.36E+03		5.36E+03	0.70	1.00	3.18					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T03-A	1	3.04E+03		3.04E+03	2.07	1.00	3.18	10000	1000	4.02E+03	99%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T04-A	1	6.10E+03		6.10E+03	1.86	1.00	3.18					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T05-A	1	5.16E+03		5.16E+03	0.70	1.00	3.18					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T06-A	1	5.52E+03		5.52E+03	1.66	1.00	3.18					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T07-A	1	4.61E+03		4.61E+03	0.32	1.00	3.18					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T08-A	1	2.85E+03		2.85E+03	3.21	1.00	3.18					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T09-A	1	3.67E+03		3.67E+03	0.78	1.00	3.18					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T01-B	1	1.29E+03		1.29E+03	1.59	1.00	3.18					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T02-B	1	4.34E+03		4.34E+03	0.27	1.00	3.18					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T03-B	1	2.52E+03		2.52E+03	2.59	1.00	3.18	10000	1000	3.57E+03	105%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T04-B	1	5.75E+03		5.75E+03	0.88	1.00	3.18					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T05-B	1	5.03E+03		5.03E+03	0.42	1.00	3.18					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T06-B	1	5.58E+03		5.58E+03	1.09	1.00	3.18					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T07-B	1	4.31E+03		4.31E+03	2.60	1.00	3.18					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T08-B	1	2.60E+03		2.60E+03	1.13	1.00	3.18					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T09-B	1	3.71E+03		3.71E+03	0.74	1.00	3.18					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T01-C	1	1.74E+03		1.74E+03	7.17	1.00	3.18					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T02-C	1	4.67E+03		4.67E+03	0.66	1.00	3.18					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T03-C	1	2.98E+03		2.98E+03	1.18	1.00	3.18	10000	1000	3.97E+03	98%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T04-C	1	6.27E+03		6.27E+03	1.15	1.00	3.18					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T05-C	1	5.11E+03		5.11E+03	0.39	1.00	3.18					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T06-C	1	5.82E+03		5.82E+03	0.43	1.00	3.18					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T07-C	1	4.86E+03		4.86E+03	1.85	1.00	3.18					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T08-C	1	2.81E+03		2.81E+03	2.26	1.00	3.18					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-T09-C	1	3.73E+03		3.73E+03	0.13	1.00	3.18					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	3.88	1.00	3.18					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	8.52	1.00	3.18					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	5.93	1.00	3.18					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	3.44	1.00	3.18					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	9.33	1.00	3.18					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	1.62	1.00	3.18					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	9.01	1.00	3.18					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	6.87	1.00	3.18					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Al	SWA-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	8.16	1.00	3.18					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	SWA-L11-1315-T01-A	1	3.49E+02		3.49E+02	1.91	7.50	23.90					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T02-A	1	6.14E+02		6.14E+02	1.61	7.50	23.90					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T03-A	1	3.00E+02		3.00E+02	5.51	7.50	23.90	10000	1000	1.38E+03	108%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T04-A	1	5.87E+02		5.87E+02	1.73	7.50	23.90					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T05-A	1	4.70E+02		4.70E+02	0.68	7.50	23.90					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T06-A	1	4.87E+02		4.87E+02	2.59	7.50	23.90					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T07-A	1	3.76E+02		3.76E+02	2.58	7.50	23.90					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T08-A	1	2.35E+02		2.35E+02	6.48	7.50	23.90					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T09-A	1	2.87E+02		2.87E+02	1.14	7.50	23.90					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T01-B	1	2.62E+02		2.62E+02	2.41	7.50	23.90					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T02-B	1	5.17E+02		5.17E+02	2.11	7.50	23.90					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T03-B	1	2.57E+02		2.57E+02	1.59	7.50	23.90	10000	1000	1.30E+03	104%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T04-B	1	5.34E+02		5.34E+02	2.34	7.50	23.90					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T05-B	1	4.28E+02		4.28E+02	1.87	7.50	23.90					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T06-B	1	4.64E+02		4.64E+02	1.60	7.50	23.90					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T07-B	1	3.53E+02		3.53E+02	3.15	7.50	23.90					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T08-B	1	2.17E+02		2.17E+02	2.45	7.50	23.90					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T09-B	1	2.90E+02		2.90E+02	2.98	7.50	23.90					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T01-C	1	2.50E+02		2.50E+02	6.19	7.50	23.90					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T02-C	1	4.38E+02		4.38E+02	2.42	7.50	23.90					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T03-C	1	2.73E+02		2.73E+02	2.00	7.50	23.90	10000	1000	1.26E+03	98%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T04-C	1	5.64E+02		5.64E+02	2.04	7.50	23.90					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T05-C	1	4.64E+02		4.64E+02	2.34	7.50	23.90					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T06-C	1	5.02E+02		5.02E+02	1.58	7.50	23.90					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T07-C	1	4.04E+02		4.04E+02	1.25	7.50	23.90					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T08-C	1	2.45E+02		2.45E+02	3.35	7.50	23.90					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-T09-C	1	3.11E+02		3.11E+02	2.32	7.50	23.90					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	5.89	7.50	23.90					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	16.44	7.50	23.90					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	21.84	7.50	23.90					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	10.66	7.50	23.90					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	13.37	7.50	23.90					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	2.14	7.50	23.90					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	15.26	7.50	23.90					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	8.49	7.50	23.90					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Sb	SWA-L11-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	10.25	7.50	23.90					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	SWA-L11-1315-T01-A	1	4.02E+02		4.02E+02	3.87	11.00	35.00					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T02-A	1	2.74E+02		2.74E+02	3.28	11.00	35.00					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T03-A	1	1.44E+02		1.44E+02	3.03	11.00	35.00	10000	1000	1.19E+03	105%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T04-A	1	2.86E+02		2.86E+02	1.74	11.00	35.00					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T05-A	1	1.97E+02		1.97E+02	1.27	11.00	35.00					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T06-A	1	1.87E+02		1.87E+02	4.48	11.00	35.00					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T07-A	1	1.40E+02		1.40E+02	4.48	11.00	35.00					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T08-A	1	7.93E+01		7.93E+01	11.79	11.00	35.00					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T09-A	1	1.01E+02		1.01E+02	2.63	11.00	35.00					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T01-B	1	2.78E+02		2.78E+02	2.62	11.00	35.00					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T02-B	1	3.26E+02		3.26E+02	3.83	11.00	35.00					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T03-B	1	1.46E+02		1.46E+02	1.07	11.00	35.00	10000	1000	1.24E+03	109%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T04-B	1	3.27E+02		3.27E+02	2.63	11.00	35.00					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T05-B	1	2.13E+02		2.13E+02	0.99	11.00	35.00					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T06-B	1	2.01E+02		2.01E+02	1.81	11.00	35.00					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T07-B	1	1.40E+02		1.40E+02	5.27	11.00	35.00					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T08-B	1	7.42E+01		7.42E+01	9.68	11.00	35.00					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T09-B	1	1.16E+02		1.16E+02	3.77	11.00	35.00					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T01-C	1	1.73E+02		1.73E+02	6.97	11.00	35.00					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T02-C	1	4.22E+02		4.22E+02	1.43	11.00	35.00					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T03-C	1	2.67E+02		2.67E+02	2.58	11.00	35.00	10000	1000	1.38E+03	111%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T04-C	1	5.42E+02		5.42E+02	3.03	11.00	35.00					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T05-C	1	2.92E+02		2.92E+02	2.39	11.00	35.00					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T06-C	1	2.52E+02		2.52E+02	5.37	11.00	35.00					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T07-C	1	1.75E+02		1.75E+02	1.14	11.00	35.00					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T08-C	1	9.51E+01		9.51E+01	2.21	11.00	35.00					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-T09-C	1	1.24E+02		1.24E+02	5.95	11.00	35.00					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	31.42	11.00	35.00					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	15.28	11.00	35.00					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	28.90	11.00	35.00					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	22.40	11.00	35.00					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	68.93	11.00	35.00					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	52.54	11.00	35.00					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	23.73	11.00	35.00					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	52.25	11.00	35.00					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
As	SWA-L11-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	43.78	11.00	35.00					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	SWA-L11-1315-T01-A	1	5.23E+01		5.23E+01	2.67	1.00	3.18					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T02-A	1	9.55E+01		9.55E+01	2.74	1.00	3.18					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T03-A	1	5.48E+01		5.48E+01	2.91	1.00	3.18	10000	1000	1.07E+03	102%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T04-A	1	9.34E+01		9.34E+01	3.85	1.00	3.18					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T05-A	1	7.77E+01		7.77E+01	4.06	1.00	3.18					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T06-A	1	8.76E+01		8.76E+01	2.28	1.00	3.18					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T07-A	1	7.33E+01		7.33E+01	1.46	1.00	3.18					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T08-A	1	5.01E+01		5.01E+01	3.73	1.00	3.18					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T09-A	1	6.38E+01		6.38E+01	0.59	1.00	3.18					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T01-B	1	6.86E+01		6.86E+01	1.37	1.00	3.18					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T02-B	1	1.00E+02		1.00E+02	1.17	1.00	3.18					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T03-B	1	5.46E+01		5.46E+01	3.91	1.00	3.18	10000	1000	1.06E+03	101%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T04-B	1	8.88E+01		8.88E+01	0.28	1.00	3.18					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T05-B	1	7.43E+01		7.43E+01	0.72	1.00	3.18					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T06-B	1	8.63E+01		8.63E+01	1.24	1.00	3.18					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T07-B	1	6.74E+01		6.74E+01	2.85	1.00	3.18					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T08-B	1	4.72E+01		4.72E+01	1.23	1.00	3.18					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T09-B	1	6.29E+01		6.29E+01	4.64	1.00	3.18					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T01-C	1	3.24E+01		3.24E+01	13.92	1.00	3.18					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T02-C	1	5.54E+01		5.54E+01	5.42	1.00	3.18					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T03-C	1	4.18E+01		4.18E+01	1.03	1.00	3.18	10000	1000	1.09E+03	105%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T04-C	1	7.58E+01		7.58E+01	1.35	1.00	3.18					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T05-C	1	6.45E+01		6.45E+01	2.23	1.00	3.18					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T06-C	1	7.54E+01		7.54E+01	1.72	1.00	3.18					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T07-C	1	6.75E+01		6.75E+01	1.45	1.00	3.18					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T08-C	1	4.71E+01		4.71E+01	2.97	1.00	3.18					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-T09-C	1	5.50E+01		5.50E+01	4.31	1.00	3.18					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	3.48	1.00	3.18					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	2.02	1.00	3.18					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	6.61	1.00	3.18					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	2.80	1.00	3.18					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	6.33	1.00	3.18					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	8.63	1.00	3.18					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.73	1.00	3.18					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	8.97	1.00	3.18					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
B	SWA-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	3.89	1.00	3.18					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	SWA-L11-1315-T01-A	1	3.93E+01		3.93E+01	2.98	1.00	3.18					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T02-A	1	3.30E+02		3.30E+02	1.70	1.00	3.18					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T03-A	1	3.44E+02		3.44E+02	1.16	1.00	3.18	10000	1000	1.29E+03	95%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T04-A	1	6.10E+02		6.10E+02	1.40	1.00	3.18					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T05-A	1	6.94E+02		6.94E+02	0.88	1.00	3.18					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T06-A	1	7.78E+02		7.78E+02	1.27	1.00	3.18					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T07-A	1	8.84E+02		8.84E+02	0.15	1.00	3.18					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T08-A	1	8.34E+02		8.34E+02	2.77	1.00	3.18					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T09-A	1	7.89E+02		7.89E+02	1.05	1.00	3.18					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T01-B	1	4.38E+01		4.38E+01	1.11	1.00	3.18					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T02-B	1	3.18E+02		3.18E+02	0.69	1.00	3.18					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T03-B	1	2.72E+02		2.72E+02	2.28	1.00	3.18	10000	1000	1.38E+03	110%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T04-B	1	4.97E+02		4.97E+02	1.18	1.00	3.18					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T05-B	1	6.00E+02		6.00E+02	0.32	1.00	3.18					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T06-B	1	7.08E+02		7.08E+02	1.44	1.00	3.18					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T07-B	1	7.47E+02		7.47E+02	1.63	1.00	3.18					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T08-B	1	6.64E+02		6.64E+02	1.13	1.00	3.18					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T09-B	1	7.49E+02		7.49E+02	1.28	1.00	3.18					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T01-C	1	1.37E+02		1.37E+02	6.58	1.00	3.18					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T02-C	1	4.69E+02		4.69E+02	0.89	1.00	3.18					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T03-C	1	3.46E+02		3.46E+02	0.94	1.00	3.18	10000	1000	1.38E+03	104%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T04-C	1	5.77E+02		5.77E+02	1.14	1.00	3.18					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T05-C	1	6.50E+02		6.50E+02	0.80	1.00	3.18					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T06-C	1	7.95E+02		7.95E+02	0.77	1.00	3.18					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T07-C	1	8.95E+02		8.95E+02	1.66	1.00	3.18					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T08-C	1	7.46E+02		7.46E+02	1.72	1.00	3.18					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-T09-C	1	7.95E+02		7.95E+02	0.98	1.00	3.18					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	26.93	1.00	3.18					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	18.34	1.00	3.18					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	4.44	1.00	3.18					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	9.43	1.00	3.18					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	6.21	1.00	3.18					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	21.24	1.00	3.18					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	2.73	1.00	3.18					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	11.84	1.00	3.18					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Ba	SWA-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	21.98	1.00	3.18					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	SWA-L11-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	35.39	1.90	6.00					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	59.77	1.90	6.00					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	11.16	1.90	6.00	10000	1000	1.03E+03	103%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	44.45	1.90	6.00					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	10.23	1.90	6.00					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	35.19	1.90	6.00					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	33.28	1.90	6.00					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	10.20	1.90	6.00					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	18.93	1.90	6.00					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	52.05	1.90	6.00					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	48.08	1.90	6.00					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	22.41	1.90	6.00	10000	1000	1.02E+03	102%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	78.76	1.90	6.00					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	19.44	1.90	6.00					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	15.72	1.90	6.00					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	41.37	1.90	6.00					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	41.32	1.90	6.00					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	18.85	1.90	6.00					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	39.19	1.90	6.00					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	70.46	1.90	6.00					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	19.70	1.90	6.00	10000	1000	1.07E+03	107%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	13.14	1.90	6.00					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	16.37	1.90	6.00					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	25.52	1.90	6.00					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	21.05	1.90	6.00					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	56.22	1.90	6.00					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	39.67	1.90	6.00					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	10.13	1.90	6.00					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	16.79	1.90	6.00					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	12.00	1.90	6.00					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	13.28	1.90	6.00					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	13.62	1.90	6.00					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	10.84	1.90	6.00					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	14.07	1.90	6.00					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	13.32	1.90	6.00					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Be	SWA-L11-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	12.61	1.90	6.00					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	SWA-L11-1315-T01-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T02-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T03-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00	10000	1000	1.03E+03	102%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T04-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T05-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T06-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T07-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T08-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T09-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T01-B	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T02-B	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T03-B	1	1.10E+00	U1/2	1.10E+00		2.20	7.00	10000	1000	1.02E+03	102%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T04-B	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T05-B	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T06-B	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T07-B	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T08-B	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T09-B	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T01-C	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T02-C	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T03-C	1	1.10E+00	U1/2	1.10E+00		2.20	7.00	10000	1000	1.07E+03	107%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T04-C	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T05-C	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T06-C	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T07-C	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T08-C	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-T09-C	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-M01-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-M02-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-M03-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-M04-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-M05-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-M06-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-M07-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-M08-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Cd	SWA-L11-1315-M09-A	1	1.10E+00	U1/2	1.10E+00		2.20	7.00					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	SWA-L11-1315-T01-A	1	7.40E+02		7.40E+02	3.15	2.60	8.30					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T02-A	1	8.70E+03		8.70E+03	1.52	2.60	8.30					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T03-A	1	1.08E+04		1.08E+04	1.88	2.60	8.30	10000	1000	1.17E+04	87%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T04-A	1	2.11E+04		2.11E+04	1.66	2.60	8.30					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T05-A	1	2.33E+04		2.33E+04	1.10	2.60	8.30					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T06-A	1	2.61E+04		2.61E+04	1.30	2.60	8.30					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T07-A	1	2.71E+04		2.71E+04	0.68	2.60	8.30					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T08-A	1	2.33E+04		2.33E+04	3.08	2.60	8.30					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T09-A	1	2.24E+04		2.24E+04	1.37	2.60	8.30					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T01-B	1	8.64E+02		8.64E+02	2.07	2.60	8.30					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T02-B	1	8.54E+03		8.54E+03	0.64	2.60	8.30					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T03-B	1	9.09E+03		9.09E+03	1.99	2.60	8.30	10000	1000	9.93E+03	84%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T04-B	1	1.85E+04		1.85E+04	0.67	2.60	8.30					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T05-B	1	2.04E+04		2.04E+04	0.31	2.60	8.30					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T06-B	1	2.42E+04		2.42E+04	1.33	2.60	8.30					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T07-B	1	2.34E+04		2.34E+04	2.01	2.60	8.30					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T08-B	1	1.94E+04		1.94E+04	1.38	2.60	8.30					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T09-B	1	2.33E+04		2.33E+04	1.01	2.60	8.30					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T01-C	1	1.10E+03		1.10E+03	6.35	2.60	8.30					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T02-C	1	9.44E+03		9.44E+03	0.55	2.60	8.30					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T03-C	1	1.04E+04		1.04E+04	1.11	2.60	8.30	10000	1000	1.13E+04	89%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T04-C	1	1.97E+04		1.97E+04	0.86	2.60	8.30					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T05-C	1	2.08E+04		2.08E+04	0.94	2.60	8.30					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T06-C	1	2.50E+04		2.50E+04	0.85	2.60	8.30					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T07-C	1	2.58E+04		2.58E+04	1.20	2.60	8.30					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T08-C	1	2.08E+04		2.08E+04	2.06	2.60	8.30					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-T09-C	1	2.36E+04		2.36E+04	1.00	2.60	8.30					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-M01-A	1	1.59E+01		1.59E+01	1.66	2.60	8.30					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-M02-A	1	1.12E+01		1.12E+01	2.69	2.60	8.30					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-M03-A	1	2.37E+01		2.37E+01	1.61	2.60	8.30					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-M04-A	1	3.45E+01		3.45E+01	1.16	2.60	8.30					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-M05-A	1	5.12E+01		5.12E+01	9.51	2.60	8.30					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-M06-A	1	4.75E+01		4.75E+01	1.33	2.60	8.30					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-M07-A	1	6.41E+01		6.41E+01	1.77	2.60	8.30					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-M08-A	1	1.45E+01		1.45E+01	3.02	2.60	8.30					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Ca	SWA-L11-1315-M09-A	1	4.27E+01		4.27E+01	2.11	2.60	8.30					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	SWA-L11-1315-T01-A	1	4.27E+01		4.27E+01	3.22	1.20	3.82					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T02-A	1	9.00E+01		9.00E+01	0.98	1.20	3.82					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T03-A	1	2.92E+01		2.92E+01	0.86	1.20	3.82	10000	1000	1.10E+03	107%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T04-A	1	4.94E+01		4.94E+01	2.12	1.20	3.82					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T05-A	1	4.19E+01		4.19E+01	1.25	1.20	3.82					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T06-A	1	4.73E+01		4.73E+01	2.79	1.20	3.82					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T07-A	1	4.38E+01		4.38E+01	2.14	1.20	3.82					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T08-A	1	2.99E+01		2.99E+01	4.11	1.20	3.82					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T09-A	1	3.79E+01		3.79E+01	0.79	1.20	3.82					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T01-B	1	4.66E+01		4.66E+01	1.59	1.20	3.82					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T02-B	1	8.70E+01		8.70E+01	0.94	1.20	3.82					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T03-B	1	3.36E+01		3.36E+01	1.25	1.20	3.82	10000	1000	1.10E+03	106%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T04-B	1	6.25E+01		6.25E+01	1.40	1.20	3.82					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T05-B	1	4.69E+01		4.69E+01	1.39	1.20	3.82					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T06-B	1	4.65E+01		4.65E+01	1.84	1.20	3.82					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T07-B	1	3.87E+01		3.87E+01	2.93	1.20	3.82					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T08-B	1	2.39E+01		2.39E+01	3.80	1.20	3.82					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T09-B	1	3.52E+01		3.52E+01	1.26	1.20	3.82					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T01-C	1	4.29E+01		4.29E+01	7.97	1.20	3.82					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T02-C	1	5.11E+01		5.11E+01	0.93	1.20	3.82					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T03-C	1	2.36E+01		2.36E+01	2.83	1.20	3.82	10000	1000	1.10E+03	108%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T04-C	1	4.27E+01		4.27E+01	2.40	1.20	3.82					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T05-C	1	4.06E+01		4.06E+01	2.45	1.20	3.82					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T06-C	1	4.67E+01		4.67E+01	1.51	1.20	3.82					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T07-C	1	4.53E+01		4.53E+01	1.58	1.20	3.82					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T08-C	1	2.96E+01		2.96E+01	2.23	1.20	3.82					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-T09-C	1	3.92E+01		3.92E+01	1.00	1.20	3.82					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	62.52	1.20	3.82					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	28.92	1.20	3.82					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	36.93	1.20	3.82					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	69.21	1.20	3.82					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	29.04	1.20	3.82					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	12.91	1.20	3.82					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	31.80	1.20	3.82					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	42.82	1.20	3.82					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Cr	SWA-L11-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	25.97	1.20	3.82					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	SWA-L11-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	44.06	1.80	5.72					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	38.17	1.80	5.72					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	37.70	1.80	5.72	10000	1000	1.02E+03	102%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	26.47	1.80	5.72					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	52.27	1.80	5.72					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	22.81	1.80	5.72					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	54.19	1.80	5.72					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	44.03	1.80	5.72					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	33.63	1.80	5.72					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	45.99	1.80	5.72					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	21.32	1.80	5.72					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	69.21	1.80	5.72	10000	1000	1.01E+03	101%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	43.94	1.80	5.72					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	30.58	1.80	5.72					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	25.09	1.80	5.72					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	24.57	1.80	5.72					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	32.39	1.80	5.72					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	13.73	1.80	5.72					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	62.62	1.80	5.72					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	98.57	1.80	5.72					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	76.94	1.80	5.72	10000	1000	1.06E+03	106%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	35.03	1.80	5.72					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	43.58	1.80	5.72					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	28.68	1.80	5.72					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	15.16	1.80	5.72					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	15.21	1.80	5.72					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	44.62	1.80	5.72					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	27.68	1.80	5.72					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	14.81	1.80	5.72					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	36.35	1.80	5.72					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	14.69	1.80	5.72					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	25.72	1.80	5.72					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	29.48	1.80	5.72					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	1.73	1.80	5.72					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	37.04	1.80	5.72					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Co	SWA-L11-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	12.70	1.80	5.72					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	SWA-L11-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	28.27	3.70	11.80					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	11.23	3.70	11.80					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	88.16	3.70	11.80	10000	1000	1.00E+03	100%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	44.76	3.70	11.80					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	10.47	3.70	11.80					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	64.48	3.70	11.80					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	42.70	3.70	11.80					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	31.66	3.70	11.80					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	13.62	3.70	11.80					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	55.29	3.70	11.80					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T02-B	1	1.85E+00	U1/2	1.85E+00	72.43	3.70	11.80					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	77.31	3.70	11.80	10000	1000	1.00E+03	100%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	51.60	3.70	11.80					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	20.91	3.70	11.80					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	77.10	3.70	11.80					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	63.01	3.70	11.80					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	59.24	3.70	11.80					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	19.14	3.70	11.80					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	29.16	3.70	11.80					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	13.77	3.70	11.80					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	125.90	3.70	11.80	10000	1000	1.04E+03	104%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	16.67	3.70	11.80					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	75.03	3.70	11.80					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	33.40	3.70	11.80					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T07-C	1	1.85E+00	U1/2	1.85E+00	13.76	3.70	11.80					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	80.64	3.70	11.80					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	10.99	3.70	11.80					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	18.97	3.70	11.80					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	76.04	3.70	11.80					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	30.14	3.70	11.80					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	19.68	3.70	11.80					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	54.31	3.70	11.80					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	17.98	3.70	11.80					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	54.95	3.70	11.80					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	49.18	3.70	11.80					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Cu	SWA-L11-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	15.33	3.70	11.80					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	SWA-L11-1315-T01-A	1	1.19E+01		1.19E+01	1.13	2.00	6.40					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T02-A	1	8.88E+00		8.88E+00	4.35	2.00	6.40					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T03-A	1	2.36E+00	E	2.36E+00	27.89	2.00	6.40	10000	1000	1.04E+03	103%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T04-A	1	3.94E+00	E	3.94E+00	11.10	2.00	6.40					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	6.18	2.00	6.40					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T06-A	1	3.19E+00	E	3.19E+00	3.32	2.00	6.40					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	40.27	2.00	6.40					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	51.28	2.00	6.40					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	15.69	2.00	6.40					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T01-B	1	9.51E+00		9.51E+00	3.08	2.00	6.40					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T02-B	1	9.57E+00		9.57E+00	2.15	2.00	6.40					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T03-B	1	3.01E+00	E	3.01E+00	12.66	2.00	6.40	10000	1000	1.03E+03	103%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T04-B	1	3.29E+00	E	3.29E+00	6.80	2.00	6.40					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T05-B	1	4.88E+00	E	4.88E+00	9.68	2.00	6.40					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T06-B	1	5.38E+00	E	5.38E+00	6.61	2.00	6.40					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	5.79	2.00	6.40					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	7.26	2.00	6.40					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	4.76	2.00	6.40					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T01-C	1	1.11E+01		1.11E+01	3.91	2.00	6.40					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T02-C	1	1.12E+01		1.12E+01	4.04	2.00	6.40					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T03-C	1	5.09E+00	E	5.09E+00	2.43	2.00	6.40	10000	1000	1.08E+03	107%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T04-C	1	7.33E+00		7.33E+00	0.44	2.00	6.40					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T05-C	1	2.62E+00	E	2.62E+00	21.95	2.00	6.40					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T06-C	1	3.27E+00	E	3.27E+00	15.52	2.00	6.40					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	7.46	2.00	6.40					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	39.52	2.00	6.40					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	11.51	2.00	6.40					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	8.60	2.00	6.40					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	0.77	2.00	6.40					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	24.84	2.00	6.40					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	11.56	2.00	6.40					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	7.96	2.00	6.40					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	3.09	2.00	6.40					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	2.39	2.00	6.40					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	15.47	2.00	6.40					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Fe	SWA-L11-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	7.90	2.00	6.40					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	SWA-L11-1315-T01-A	1	3.40E+00	U1/2	3.40E+00	66.38	6.80	21.60					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T02-A	1	3.40E+00	U1/2	3.40E+00	57.68	6.80	21.60					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T03-A	1	3.40E+00	U1/2	3.40E+00	33.02	6.80	21.60	10000	1000	1.04E+03	104%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T04-A	1	3.40E+00	U1/2	3.40E+00	52.59	6.80	21.60					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T05-A	1	3.40E+00	U1/2	3.40E+00	73.86	6.80	21.60					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T06-A	1	3.40E+00	U1/2	3.40E+00	53.22	6.80	21.60					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T07-A	1	3.40E+00	U1/2	3.40E+00	54.27	6.80	21.60					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T08-A	1	3.40E+00	U1/2	3.40E+00	48.68	6.80	21.60					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T09-A	1	3.40E+00	U1/2	3.40E+00	55.01	6.80	21.60					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T01-B	1	3.40E+00	U1/2	3.40E+00	15.36	6.80	21.60					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T02-B	1	3.40E+00	U1/2	3.40E+00	67.86	6.80	21.60					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T03-B	1	3.40E+00	U1/2	3.40E+00	54.66	6.80	21.60	10000	1000	1.05E+03	105%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T04-B	1	3.40E+00	U1/2	3.40E+00	68.53	6.80	21.60					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T05-B	1	3.40E+00	U1/2	3.40E+00	47.60	6.80	21.60					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T06-B	1	3.40E+00	U1/2	3.40E+00	71.88	6.80	21.60					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T07-B	1	3.40E+00	U1/2	3.40E+00	44.23	6.80	21.60					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T08-B	1	3.40E+00	U1/2	3.40E+00	48.11	6.80	21.60					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T09-B	1	3.40E+00	U1/2	3.40E+00	56.01	6.80	21.60					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T01-C	1	3.40E+00	U1/2	3.40E+00	12.18	6.80	21.60					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T02-C	1	3.40E+00	U1/2	3.40E+00	15.30	6.80	21.60					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T03-C	1	3.40E+00	U1/2	3.40E+00	42.90	6.80	21.60	10000	1000	1.10E+03	109%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T04-C	1	3.40E+00	U1/2	3.40E+00	39.91	6.80	21.60					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T05-C	1	3.40E+00	U1/2	3.40E+00	45.84	6.80	21.60					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T06-C	1	3.40E+00	U1/2	3.40E+00	77.04	6.80	21.60					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T07-C	1	3.40E+00	U1/2	3.40E+00	49.16	6.80	21.60					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T08-C	1	3.40E+00	U1/2	3.40E+00	65.65	6.80	21.60					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-T09-C	1	3.40E+00	U1/2	3.40E+00	17.52	6.80	21.60					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	12.46	6.80	21.60					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	40.73	6.80	21.60					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	34.98	6.80	21.60					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	17.39	6.80	21.60					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	59.47	6.80	21.60					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	14.39	6.80	21.60					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	33.36	6.80	21.60					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	42.51	6.80	21.60					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Pb	SWA-L11-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	44.89	6.80	21.60					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	SWA-L11-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	2.70	1.90	6.00					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	1.22	1.90	6.00					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	2.93	1.90	6.00	10000	1000	8.92E+02	89%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	0.88	1.90	6.00					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	1.72	1.90	6.00					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	4.51	1.90	6.00					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	2.82	1.90	6.00					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	3.05	1.90	6.00					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	3.20	1.90	6.00					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	11.66	1.90	6.00					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	4.38	1.90	6.00					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	1.11	1.90	6.00	10000	1000	8.95E+02	89%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	4.62	1.90	6.00					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	5.97	1.90	6.00					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	4.48	1.90	6.00					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	2.54	1.90	6.00					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	3.93	1.90	6.00					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	8.42	1.90	6.00					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	3.44	1.90	6.00					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	9.87	1.90	6.00					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	7.47	1.90	6.00	10000	1000	9.19E+02	92%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	5.06	1.90	6.00					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	5.13	1.90	6.00					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	5.13	1.90	6.00					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	3.80	1.90	6.00					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	3.78	1.90	6.00					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	3.06	1.90	6.00					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	4.02	1.90	6.00					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	3.20	1.90	6.00					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	7.82	1.90	6.00					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	8.11	1.90	6.00					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	1.03	1.90	6.00					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	1.60	1.90	6.00					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	10.99	1.90	6.00					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	5.40	1.90	6.00					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Li	SWA-L11-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	7.04	1.90	6.00					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	SWA-L11-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	51.88	2.00	6.40					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	62.58	2.00	6.40					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	56.04	2.00	6.40	10000	1000	9.82E+02	98%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	2.93	2.00	6.40					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	20.81	2.00	6.40					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	3.99	2.00	6.40					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	24.72	2.00	6.40					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	52.36	2.00	6.40					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	30.86	2.00	6.40					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	83.17	2.00	6.40					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	16.13	2.00	6.40					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	17.46	2.00	6.40	10000	1000	9.72E+02	97%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	10.08	2.00	6.40					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	58.69	2.00	6.40					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	5.91	2.00	6.40					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	32.32	2.00	6.40					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	24.95	2.00	6.40					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	48.84	2.00	6.40					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	49.58	2.00	6.40					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	20.24	2.00	6.40					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	39.09	2.00	6.40	10000	1000	1.02E+03	101%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	8.76	2.00	6.40					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	10.98	2.00	6.40					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	11.53	2.00	6.40					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	37.79	2.00	6.40					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	28.22	2.00	6.40					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	22.95	2.00	6.40					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	69.96	2.00	6.40					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	57.98	2.00	6.40					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	49.76	2.00	6.40					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	11.94	2.00	6.40					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	34.08	2.00	6.40					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	0.17	2.00	6.40					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	38.32	2.00	6.40					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	71.24	2.00	6.40					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Mn	SWA-L11-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	28.32	2.00	6.40					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	SWA-L11-1315-T01-A	1	2.31E+00	E	2.31E+00	53.64	1.00	3.18					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T02-A	1	8.28E+00		8.28E+00	10.38	1.00	3.18					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T03-A	1	3.16E+01		3.16E+01	6.46	1.00	3.18	10000	1000	1.06E+03	103%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T04-A	1	8.93E+00		8.93E+00	7.63	1.00	3.18					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T05-A	1	1.82E+01		1.82E+01	57.08	1.00	3.18					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T06-A	1	3.15E+01		3.15E+01	14.51	1.00	3.18					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T07-A	1	2.77E+01		2.77E+01	46.09	1.00	3.18					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T08-A	1	3.98E+01		3.98E+01	3.59	1.00	3.18					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T09-A	1	1.23E+01		1.23E+01	8.72	1.00	3.18					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T01-B	1	3.45E+00		3.45E+00	44.07	1.00	3.18					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T02-B	1	7.69E+00		7.69E+00	11.15	1.00	3.18					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T03-B	1	2.79E+01		2.79E+01	8.22	1.00	3.18	10000	1000	1.04E+03	101%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T04-B	1	5.22E+00		5.22E+00	36.16	1.00	3.18					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T05-B	1	1.19E+01		1.19E+01	6.40	1.00	3.18					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T06-B	1	3.47E+01		3.47E+01	1.70	1.00	3.18					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T07-B	1	3.05E+01		3.05E+01	32.11	1.00	3.18					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T08-B	1	2.79E+01		2.79E+01	3.24	1.00	3.18					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T09-B	1	7.13E+00		7.13E+00	6.43	1.00	3.18					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T01-C	1	2.12E+00	E	2.12E+00	27.27	1.00	3.18					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T02-C	1	7.71E+00		7.71E+00	34.11	1.00	3.18					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T03-C	1	2.90E+01		2.90E+01	2.09	1.00	3.18	10000	1000	1.07E+03	104%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T04-C	1	8.49E+00		8.49E+00	49.22	1.00	3.18					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T05-C	1	1.50E+01		1.50E+01	29.76	1.00	3.18					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T06-C	1	3.26E+01		3.26E+01	2.70	1.00	3.18					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T07-C	1	2.93E+01		2.93E+01	29.11	1.00	3.18					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T08-C	1	3.44E+01		3.44E+01	7.31	1.00	3.18					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-T09-C	1	8.49E+00		8.49E+00	5.78	1.00	3.18					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	11.10	1.00	3.18					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	24.45	1.00	3.18					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	46.64	1.00	3.18					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	8.87	1.00	3.18					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	2.81	1.00	3.18					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	1.58	1.00	3.18					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	13.15	1.00	3.18					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	8.66	1.00	3.18					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Mg	SWA-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	10.69	1.00	3.18					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	SWA-L11-1315-T01-A	1	3.45E+00	E	3.45E+00	15.66	1.20	3.82					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T02-A	1	6.12E+00		6.12E+00	2.61	1.20	3.82					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T03-A	1	2.94E+00	E	2.94E+00	2.81	1.20	3.82	10000	1000	1.05E+03	105%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T04-A	1	1.02E+01		1.02E+01	1.55	1.20	3.82					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T05-A	1	6.78E+00		6.78E+00	7.28	1.20	3.82					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T06-A	1	6.62E+00		6.62E+00	2.14	1.20	3.82					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T07-A	1	4.17E+00		4.17E+00	1.93	1.20	3.82					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T08-A	1	1.75E+00	E	1.75E+00	33.95	1.20	3.82					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T09-A	1	2.15E+00	E	2.15E+00	21.05	1.20	3.82					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T01-B	1	2.21E+00	E	2.21E+00	4.34	1.20	3.82					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T02-B	1	5.47E+00		5.47E+00	2.97	1.20	3.82					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T03-B	1	1.89E+00	E	1.89E+00	31.38	1.20	3.82	10000	1000	1.04E+03	104%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T04-B	1	8.62E+00		8.62E+00	7.84	1.20	3.82					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T05-B	1	4.97E+00		4.97E+00	1.50	1.20	3.82					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T06-B	1	8.49E+00		8.49E+00	1.69	1.20	3.82					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T07-B	1	3.89E+00		3.89E+00	18.66	1.20	3.82					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T08-B	1	1.81E+00	E	1.81E+00	25.09	1.20	3.82					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T09-B	1	2.49E+00	E	2.49E+00	12.49	1.20	3.82					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T01-C	1	2.22E+00	E	2.22E+00	5.62	1.20	3.82					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T02-C	1	7.03E+00		7.03E+00	7.40	1.20	3.82					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T03-C	1	3.13E+00	E	3.13E+00	29.35	1.20	3.82	10000	1000	1.10E+03	110%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T04-C	1	1.30E+01		1.30E+01	2.84	1.20	3.82					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T05-C	1	6.53E+00		6.53E+00	10.82	1.20	3.82					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T06-C	1	9.17E+00		9.17E+00	8.09	1.20	3.82					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T07-C	1	5.16E+00		5.16E+00	1.88	1.20	3.82					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T08-C	1	2.05E+00	E	2.05E+00	7.50	1.20	3.82					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-T09-C	1	2.24E+00	E	2.24E+00	21.73	1.20	3.82					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	67.42	1.20	3.82					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	26.13	1.20	3.82					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	19.50	1.20	3.82					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	12.30	1.20	3.82					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	59.03	1.20	3.82					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	27.75	1.20	3.82					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	42.28	1.20	3.82					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	35.44	1.20	3.82					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Mo	SWA-L11-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	15.43	1.20	3.82					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	SWA-L11-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	77.22	1.80	5.70					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	21.43	1.80	5.70					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	28.80	1.80	5.70	10000	1000	1.01E+03	101%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	63.29	1.80	5.70					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	10.78	1.80	5.70					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	57.98	1.80	5.70					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	30.23	1.80	5.70					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	52.10	1.80	5.70					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	23.54	1.80	5.70					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	32.19	1.80	5.70					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	18.97	1.80	5.70					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	16.14	1.80	5.70	10000	1000	1.01E+03	101%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	22.43	1.80	5.70					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	15.36	1.80	5.70					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	36.04	1.80	5.70					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	14.45	1.80	5.70					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	32.22	1.80	5.70					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	4.40	1.80	5.70					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	12.28	1.80	5.70					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	6.17	1.80	5.70					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	11.42	1.80	5.70	10000	1000	1.06E+03	106%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	19.86	1.80	5.70					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	16.57	1.80	5.70					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	24.72	1.80	5.70					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	8.38	1.80	5.70					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	28.75	1.80	5.70					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	1.68	1.80	5.70					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	21.22	1.80	5.70					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	19.11	1.80	5.70					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	11.92	1.80	5.70					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	13.46	1.80	5.70					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	3.22	1.80	5.70					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	8.10	1.80	5.70					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	9.44	1.80	5.70					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	30.88	1.80	5.70					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Ni	SWA-L11-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	39.43	1.80	5.70					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	SWA-L11-1315-T01-A	1	3.19E+01		3.19E+01	1.85	3.70	11.80					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T02-A	1	1.39E+01		1.39E+01	7.54	3.70	11.80					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T03-A	1	1.27E+01		1.27E+01	14.35	3.70	11.80	10000	1000	1.01E+03	100%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T04-A	1	1.39E+01		1.39E+01	8.63	3.70	11.80					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T05-A	1	2.15E+01		2.15E+01	3.83	3.70	11.80					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T06-A	1	9.26E+00	E	9.26E+00	2.23	3.70	11.80					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T07-A	1	1.16E+01	E	1.16E+01	16.00	3.70	11.80					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	21.75	3.70	11.80					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T09-A	1	6.69E+00	E	6.69E+00	7.05	3.70	11.80					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T01-B	1	1.95E+01		1.95E+01	7.80	3.70	11.80					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T02-B	1	1.53E+01		1.53E+01	5.93	3.70	11.80					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T03-B	1	1.25E+01		1.25E+01	1.21	3.70	11.80	10000	1000	1.03E+03	102%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T04-B	1	1.21E+01		1.21E+01	9.70	3.70	11.80					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T05-B	1	2.04E+01		2.04E+01	1.72	3.70	11.80					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T06-B	1	1.76E+01		1.76E+01	4.15	3.70	11.80					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T07-B	1	2.00E+01		2.00E+01	3.25	3.70	11.80					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T08-B	1	1.31E+01		1.31E+01	2.09	3.70	11.80					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T09-B	1	1.67E+01		1.67E+01	2.87	3.70	11.80					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T01-C	1	8.91E+00	E	8.91E+00	16.68	3.70	11.80					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T02-C	1	2.05E+01		2.05E+01	2.92	3.70	11.80					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T03-C	1	1.69E+01		1.69E+01	2.46	3.70	11.80	10000	1000	1.07E+03	105%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T04-C	1	2.24E+01		2.24E+01	6.73	3.70	11.80					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T05-C	1	1.61E+01		1.61E+01	7.59	3.70	11.80					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T06-C	1	1.07E+01	E	1.07E+01	4.19	3.70	11.80					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T07-C	1	4.30E+00	E	4.30E+00	29.63	3.70	11.80					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T08-C	1	1.10E+01	E	1.10E+01	10.33	3.70	11.80					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-T09-C	1	1.28E+01		1.28E+01	5.77	3.70	11.80					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	8.46	3.70	11.80					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	28.15	3.70	11.80					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	8.52	3.70	11.80					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	15.00	3.70	11.80					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	31.43	3.70	11.80					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	25.22	3.70	11.80					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	15.38	3.70	11.80					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	4.45	3.70	11.80					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
P	SWA-L11-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	3.93	3.70	11.80					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	SWA-L11-1315-T01-A	1	1.27E+04		1.27E+04	2.83	1.60	5.09					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T02-A	1	3.21E+04		3.21E+04	1.21	1.60	5.09					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T03-A	1	1.82E+04		1.82E+04	1.59	1.60	5.09	10000	1000	1.92E+04	101%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T04-A	1	4.84E+04		4.84E+04	1.18	1.60	5.09					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T05-A	1	3.70E+04		3.70E+04	1.42	1.60	5.09					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T06-A	1	4.25E+04		4.25E+04	1.44	1.60	5.09					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T07-A	1	2.89E+04		2.89E+04	0.45	1.60	5.09					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T08-A	1	1.22E+04		1.22E+04	3.11	1.60	5.09					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T09-A	1	1.87E+04		1.87E+04	1.34	1.60	5.09					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T01-B	1	9.88E+03		9.88E+03	1.18	1.60	5.09					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T02-B	1	2.97E+04		2.97E+04	0.89	1.60	5.09					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T03-B	1	1.57E+04		1.57E+04	1.83	1.60	5.09	10000	1000	1.68E+04	106%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T04-B	1	4.60E+04		4.60E+04	0.72	1.60	5.09					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T05-B	1	3.66E+04		3.66E+04	0.65	1.60	5.09					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T06-B	1	4.40E+04		4.40E+04	1.10	1.60	5.09					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T07-B	1	2.87E+04		2.87E+04	1.65	1.60	5.09					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T08-B	1	1.15E+04		1.15E+04	1.37	1.60	5.09					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T09-B	1	2.04E+04		2.04E+04	0.98	1.60	5.09					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T01-C	1	1.14E+04		1.14E+04	6.37	1.60	5.09					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T02-C	1	3.93E+04		3.93E+04	1.11	1.60	5.09					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T03-C	1	2.26E+04		2.26E+04	1.11	1.60	5.09	10000	1000	2.36E+04	96%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T04-C	1	6.00E+04		6.00E+04	1.31	1.60	5.09					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T05-C	1	4.13E+04		4.13E+04	1.27	1.60	5.09					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T06-C	1	4.89E+04		4.89E+04	0.67	1.60	5.09					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T07-C	1	3.29E+04		3.29E+04	1.64	1.60	5.09					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T08-C	1	1.28E+04		1.28E+04	1.99	1.60	5.09					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-T09-C	1	2.11E+04		2.11E+04	0.87	1.60	5.09					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-M01-A	1	1.17E+01		1.17E+01	3.74	1.60	5.09					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-M02-A	1	2.25E+01		2.25E+01	1.99	1.60	5.09					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-M03-A	1	4.45E+01		4.45E+01	0.86	1.60	5.09					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-M04-A	1	1.65E+01		1.65E+01	4.15	1.60	5.09					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-M05-A	1	3.12E+01		3.12E+01	6.07	1.60	5.09					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-M06-A	1	4.50E+01		4.50E+01	0.73	1.60	5.09					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-M07-A	1	1.51E+01		1.51E+01	4.11	1.60	5.09					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-M08-A	1	2.78E+01		2.78E+01	7.50	1.60	5.09					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
K	SWA-L11-1315-M09-A	1	1.42E+01		1.42E+01	14.31	1.60	5.09					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	SWA-L11-1315-T01-A	1	2.97E+03		2.97E+03	2.32	15.00	47.70					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T02-A	1	4.56E+03		4.56E+03	0.78	15.00	47.70					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T03-A	1	2.50E+03		2.50E+03	1.40	15.00	47.70	10000	1000	3.47E+03	97%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T04-A	1	6.79E+03		6.79E+03	1.39	15.00	47.70					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T05-A	1	4.71E+03		4.71E+03	0.49	15.00	47.70					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T06-A	1	4.89E+03		4.89E+03	1.79	15.00	47.70					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T07-A	1	2.90E+03		2.90E+03	1.72	15.00	47.70					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T08-A	1	1.06E+03		1.06E+03	3.90	15.00	47.70					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T09-A	1	1.75E+03		1.75E+03	2.15	15.00	47.70					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T01-B	1	2.07E+03		2.07E+03	0.76	15.00	47.70					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T02-B	1	3.87E+03		3.87E+03	0.95	15.00	47.70					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T03-B	1	2.01E+03		2.01E+03	2.87	15.00	47.70	10000	1000	2.99E+03	98%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T04-B	1	6.05E+03		6.05E+03	1.19	15.00	47.70					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T05-B	1	4.47E+03		4.47E+03	0.91	15.00	47.70					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T06-B	1	5.00E+03		5.00E+03	0.96	15.00	47.70					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T07-B	1	2.91E+03		2.91E+03	2.51	15.00	47.70					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T08-B	1	1.06E+03		1.06E+03	1.13	15.00	47.70					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T09-B	1	1.97E+03		1.97E+03	0.42	15.00	47.70					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T01-C	1	1.81E+03		1.81E+03	6.43	15.00	47.70					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T02-C	1	5.04E+03		5.04E+03	1.31	15.00	47.70					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T03-C	1	3.20E+03		3.20E+03	0.91	15.00	47.70	10000	1000	4.15E+03	95%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T04-C	1	8.57E+03		8.57E+03	1.22	15.00	47.70					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T05-C	1	5.27E+03		5.27E+03	0.96	15.00	47.70					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T06-C	1	5.91E+03		5.91E+03	1.23	15.00	47.70					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T07-C	1	3.53E+03		3.53E+03	1.62	15.00	47.70					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T08-C	1	1.26E+03		1.26E+03	2.57	15.00	47.70					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-T09-C	1	2.16E+03		2.16E+03	2.11	15.00	47.70					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	11.31	15.00	47.70					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	30.57	15.00	47.70					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	49.76	15.00	47.70					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	13.43	15.00	47.70					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	33.88	15.00	47.70					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	14.67	15.00	47.70					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	12.74	15.00	47.70					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	27.52	15.00	47.70					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Se	SWA-L11-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	35.75	15.00	47.70					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	SWA-L11-1315-T01-A	1	1.18E+03		1.18E+03	2.93	1.10	3.50					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T02-A	1	5.38E+03		5.38E+03	1.85	1.10	3.50					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T03-A	1	3.99E+03		3.99E+03	2.19	1.10	3.50	10000	1000	4.93E+03	94%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T04-A	1	8.91E+03		8.91E+03	1.80	1.10	3.50					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T05-A	1	8.56E+03		8.56E+03	2.17	1.10	3.50					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T06-A	1	9.06E+03		9.06E+03	1.45	1.10	3.50					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T07-A	1	8.24E+03		8.24E+03	0.46	1.10	3.50					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T08-A	1	5.92E+03		5.92E+03	3.15	1.10	3.50					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T09-A	1	7.50E+03		7.50E+03	2.00	1.10	3.50					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T01-B	1	8.20E+02		8.20E+02	1.66	1.10	3.50					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T02-B	1	4.31E+03		4.31E+03	0.93	1.10	3.50					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T03-B	1	3.04E+03		3.04E+03	2.73	1.10	3.50	10000	1000	3.98E+03	94%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T04-B	1	7.96E+03		7.96E+03	1.03	1.10	3.50					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T05-B	1	7.92E+03		7.92E+03	0.78	1.10	3.50					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T06-B	1	9.07E+03		9.07E+03	0.51	1.10	3.50					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T07-B	1	7.94E+03		7.94E+03	1.93	1.10	3.50					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T08-B	1	5.46E+03		5.46E+03	1.68	1.10	3.50					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T09-B	1	7.82E+03		7.82E+03	1.53	1.10	3.50					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T01-C	1	9.99E+02		9.99E+02	6.07	1.10	3.50					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T02-C	1	4.20E+03		4.20E+03	1.41	1.10	3.50					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T03-C	1	3.11E+03		3.11E+03	2.40	1.10	3.50	10000	1000	4.11E+03	100%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T04-C	1	7.51E+03		7.51E+03	0.77	1.10	3.50					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T05-C	1	7.16E+03		7.16E+03	0.98	1.10	3.50					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T06-C	1	8.37E+03		8.37E+03	1.14	1.10	3.50					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T07-C	1	7.79E+03		7.79E+03	1.16	1.10	3.50					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T08-C	1	5.45E+03		5.45E+03	1.50	1.10	3.50					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-T09-C	1	7.10E+03		7.10E+03	0.68	1.10	3.50					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	25.23	1.10	3.50					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	40.76	1.10	3.50					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	6.19	1.10	3.50					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	26.77	1.10	3.50					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	39.55	1.10	3.50					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	12.86	1.10	3.50					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	28.15	1.10	3.50					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	47.04	1.10	3.50					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Si	SWA-L11-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	18.39	1.10	3.50					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	SWA-L11-1315-T01-A	1	5.66E+04		5.66E+04	4.80	2.50	8.00					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T02-A	1	1.05E+05		1.05E+05	3.24	2.50	8.00					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T03-A	1	6.58E+04		6.58E+04	5.61	2.50	8.00	10000	1000	6.67E+04	90%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T04-A	1	1.37E+05		1.37E+05	2.74	2.50	8.00					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T05-A	1	1.12E+05		1.12E+05	4.03	2.50	8.00					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T06-A	1	1.27E+05		1.27E+05	1.38	2.50	8.00					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T07-A	1	9.84E+04		9.84E+04	7.07	2.50	8.00					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T08-A	1	4.88E+04		4.88E+04	3.24	2.50	8.00					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T09-A	1	7.28E+04		7.28E+04	2.70	2.50	8.00					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T01-B	1	4.47E+04		4.47E+04	0.18	2.50	8.00					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T02-B	1	1.03E+05		1.03E+05	0.21	2.50	8.00					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T03-B	1	6.11E+04		6.11E+04	0.74	2.50	8.00	10000	1000	6.20E+04	92%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T04-B	1	1.36E+05		1.36E+05	0.31	2.50	8.00					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T05-B	1	1.12E+05		1.12E+05	0.68	2.50	8.00					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T06-B	1	1.30E+05		1.30E+05	0.42	2.50	8.00					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T07-B	1	9.97E+04		9.97E+04	0.51	2.50	8.00					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T08-B	1	4.78E+04		4.78E+04	0.09	2.50	8.00					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T09-B	1	7.76E+04		7.76E+04	0.43	2.50	8.00					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T01-C	1	4.65E+04		4.65E+04	0.10	2.50	8.00					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T02-C	1	1.20E+05		1.20E+05	0.95	2.50	8.00					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T03-C	1	8.16E+04		8.16E+04	0.88	2.50	8.00	10000	1000	8.25E+04	91%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T04-C	1	1.62E+05		1.62E+05	0.30	2.50	8.00					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T05-C	1	1.24E+05		1.24E+05	0.94	2.50	8.00					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T06-C	1	1.41E+05		1.41E+05	0.73	2.50	8.00					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T07-C	1	1.05E+05		1.05E+05	0.50	2.50	8.00					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T08-C	1	5.22E+04		5.22E+04	0.41	2.50	8.00					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-T09-C	1	8.06E+04		8.06E+04	0.37	2.50	8.00					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-M01-A	1	3.48E+01		3.48E+01	1.53	2.50	8.00					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-M02-A	1	4.52E+01		4.52E+01	0.79	2.50	8.00					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-M03-A	1	4.20E+01		4.20E+01	0.84	2.50	8.00					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-M04-A	1	3.48E+01		3.48E+01	0.22	2.50	8.00					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-M05-A	1	3.62E+01		3.62E+01	0.22	2.50	8.00					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-M06-A	1	3.46E+01		3.46E+01	0.52	2.50	8.00					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-M07-A	1	2.60E+01		2.60E+01	0.54	2.50	8.00					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-M08-A	1	2.67E+01		2.67E+01	1.17	2.50	8.00					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Na	SWA-L11-1315-M09-A	1	2.85E+01		2.85E+01	0.40	2.50	8.00					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	SWA-L11-1315-T01-A	1	4.03E+00		4.03E+00	50.65	1.00	3.18					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T02-A	1	8.00E+01		8.00E+01	1.60	1.00	3.18					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T03-A	1	9.32E+01		9.32E+01	0.85	1.00	3.18	10000	1000	1.11E+03	102%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T04-A	1	1.90E+02		1.90E+02	2.52	1.00	3.18					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T05-A	1	2.07E+02		2.07E+02	1.42	1.00	3.18					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T06-A	1	2.45E+02		2.45E+02	1.55	1.00	3.18					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T07-A	1	2.46E+02		2.46E+02	1.19	1.00	3.18					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T08-A	1	1.95E+02		1.95E+02	3.21	1.00	3.18					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T09-A	1	2.02E+02		2.02E+02	1.08	1.00	3.18					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T01-B	1	3.36E+00		3.36E+00	2.21	1.00	3.18					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T02-B	1	7.56E+01		7.56E+01	1.25	1.00	3.18					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T03-B	1	7.23E+01		7.23E+01	2.88	1.00	3.18	10000	1000	1.11E+03	103%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T04-B	1	1.58E+02		1.58E+02	1.08	1.00	3.18					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T05-B	1	1.73E+02		1.73E+02	0.66	1.00	3.18					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T06-B	1	2.14E+02		2.14E+02	1.22	1.00	3.18					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T07-B	1	2.05E+02		2.05E+02	2.53	1.00	3.18					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T08-B	1	1.53E+02		1.53E+02	1.42	1.00	3.18					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T09-B	1	1.93E+02		1.93E+02	0.95	1.00	3.18					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T01-C	1	6.64E+00		6.64E+00	12.72	1.00	3.18					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T02-C	1	9.37E+01		9.37E+01	0.92	1.00	3.18					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T03-C	1	8.86E+01		8.86E+01	1.53	1.00	3.18	10000	1000	1.17E+03	109%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T04-C	1	1.77E+02		1.77E+02	1.09	1.00	3.18					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T05-C	1	1.83E+02		1.83E+02	1.16	1.00	3.18					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T06-C	1	2.32E+02		2.32E+02	1.23	1.00	3.18					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T07-C	1	2.37E+02		2.37E+02	1.20	1.00	3.18					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T08-C	1	1.68E+02		1.68E+02	2.18	1.00	3.18					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-T09-C	1	2.01E+02		2.01E+02	0.40	1.00	3.18					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	13.52	1.00	3.18					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	6.68	1.00	3.18					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.85	1.00	3.18					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	11.50	1.00	3.18					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	8.96	1.00	3.18					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	5.97	1.00	3.18					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	11.65	1.00	3.18					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	7.38	1.00	3.18					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Sr	SWA-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	18.61	1.00	3.18					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	SWA-L11-1315-T01-A	1	1.55E+04		1.55E+04	3.67	6.80	21.60					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T02-A	1	2.47E+04		2.47E+04	1.96	6.80	21.60					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T03-A	1	1.22E+04		1.22E+04	0.71	6.80	21.60	10000	1000	1.31E+04	94%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T04-A	1	4.13E+04		4.13E+04	2.05	6.80	21.60					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T05-A	1	2.50E+04		2.50E+04	1.67	6.80	21.60					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T06-A	1	3.09E+04		3.09E+04	1.44	6.80	21.60					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T07-A	1	1.48E+04		1.48E+04	0.26	6.80	21.60					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T08-A	1	4.56E+03		4.56E+03	1.83	6.80	21.60					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T09-A	1	8.33E+03		8.33E+03	2.09	6.80	21.60					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T01-B	1	1.09E+04		1.09E+04	1.07	6.80	21.60					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T02-B	1	2.26E+04		2.26E+04	1.28	6.80	21.60					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T03-B	1	1.02E+04		1.02E+04	1.71	6.80	21.60	10000	1000	1.11E+04	95%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T04-B	1	3.77E+04		3.77E+04	0.65	6.80	21.60					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T05-B	1	2.52E+04		2.52E+04	0.71	6.80	21.60					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T06-B	1	3.34E+04		3.34E+04	0.62	6.80	21.60					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T07-B	1	1.66E+04		1.66E+04	1.58	6.80	21.60					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T08-B	1	4.67E+03		4.67E+03	1.37	6.80	21.60					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T09-B	1	1.04E+04		1.04E+04	1.08	6.80	21.60					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T01-C	1	8.55E+03		8.55E+03	6.70	6.80	21.60					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T02-C	1	3.16E+04		3.16E+04	1.37	6.80	21.60					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T03-C	1	1.83E+04		1.83E+04	0.93	6.80	21.60	10000	1000	1.92E+04	92%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T04-C	1	5.17E+04		5.17E+04	2.01	6.80	21.60					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T05-C	1	3.16E+04		3.16E+04	2.18	6.80	21.60					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T06-C	1	3.74E+04		3.74E+04	1.29	6.80	21.60					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T07-C	1	1.89E+04		1.89E+04	1.12	6.80	21.60					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T08-C	1	5.58E+03		5.58E+03	2.34	6.80	21.60					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-T09-C	1	1.04E+04		1.04E+04	1.12	6.80	21.60					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	52.74	6.80	21.60					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	26.09	6.80	21.60					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	13.53	6.80	21.60					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	6.06	6.80	21.60					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	11.95	6.80	21.60					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	10.41	6.80	21.60					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	15.82	6.80	21.60					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	8.34	6.80	21.60					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
S	SWA-L11-1315-M09-A	1	4.12E+01		4.12E+01	3.23	6.80	21.60					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	SWA-L11-1315-T01-A	1	2.30E+00	U1/2	2.30E+00	75.65	4.60	14.60					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T02-A	1	2.30E+00	U1/2	2.30E+00	26.46	4.60	14.60					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T03-A	1	2.30E+00	U1/2	2.30E+00	20.70	4.60	14.60	10000	1000	1.01E+03	100%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T04-A	1	2.30E+00	U1/2	2.30E+00	37.57	4.60	14.60					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T05-A	1	2.30E+00	U1/2	2.30E+00	16.55	4.60	14.60					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T06-A	1	2.30E+00	U1/2	2.30E+00	2.77	4.60	14.60					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T07-A	1	2.30E+00	U1/2	2.30E+00	30.65	4.60	14.60					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T08-A	1	2.30E+00	U1/2	2.30E+00	9.10	4.60	14.60					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T09-A	1	2.30E+00	U1/2	2.30E+00	25.96	4.60	14.60					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T01-B	1	2.30E+00	U1/2	2.30E+00	15.68	4.60	14.60					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T02-B	1	2.30E+00	U1/2	2.30E+00	38.98	4.60	14.60					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T03-B	1	2.30E+00	U1/2	2.30E+00	11.33	4.60	14.60	10000	1000	9.99E+02	100%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T04-B	1	2.30E+00	U1/2	2.30E+00	36.66	4.60	14.60					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T05-B	1	2.30E+00	U1/2	2.30E+00	25.88	4.60	14.60					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T06-B	1	2.30E+00	U1/2	2.30E+00	40.94	4.60	14.60					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T07-B	1	2.30E+00	U1/2	2.30E+00	35.03	4.60	14.60					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T08-B	1	2.30E+00	U1/2	2.30E+00	10.34	4.60	14.60					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T09-B	1	2.30E+00	U1/2	2.30E+00	33.78	4.60	14.60					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T01-C	1	2.30E+00	U1/2	2.30E+00	58.37	4.60	14.60					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T02-C	1	2.30E+00	U1/2	2.30E+00	4.89	4.60	14.60					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T03-C	1	2.30E+00	U1/2	2.30E+00	34.48	4.60	14.60	10000	1000	1.04E+03	104%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T04-C	1	2.30E+00	U1/2	2.30E+00	65.71	4.60	14.60					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T05-C	1	2.30E+00	U1/2	2.30E+00	19.87	4.60	14.60					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T06-C	1	2.30E+00	U1/2	2.30E+00	35.43	4.60	14.60					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T07-C	1	2.30E+00	U1/2	2.30E+00	11.26	4.60	14.60					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T08-C	1	2.30E+00	U1/2	2.30E+00	75.77	4.60	14.60					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-T09-C	1	2.30E+00	U1/2	2.30E+00	12.00	4.60	14.60					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	55.11	4.60	14.60					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	57.03	4.60	14.60					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	74.02	4.60	14.60					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	28.39	4.60	14.60					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	21.87	4.60	14.60					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	38.91	4.60	14.60					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	28.97	4.60	14.60					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	42.63	4.60	14.60					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Tl	SWA-L11-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	21.31	4.60	14.60					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	SWA-L11-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	17.03	2.00	6.40					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	42.38	2.00	6.40					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	25.55	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	12.97	2.00	6.40					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	32.30	2.00	6.40					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	27.00	2.00	6.40					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	86.64	2.00	6.40					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	22.55	2.00	6.40					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	12.68	2.00	6.40					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	44.12	2.00	6.40					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	18.87	2.00	6.40					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	15.22	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	44.88	2.00	6.40					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	17.28	2.00	6.40					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	60.81	2.00	6.40					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	41.65	2.00	6.40					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	23.73	2.00	6.40					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	93.51	2.00	6.40					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	57.47	2.00	6.40					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	60.65	2.00	6.40					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	16.94	2.00	6.40	10000	1000	1.05E+03	105%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	83.76	2.00	6.40					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	24.59	2.00	6.40					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	17.55	2.00	6.40					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	35.34	2.00	6.40					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	11.15	2.00	6.40					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	45.66	2.00	6.40					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	91.45	2.00	6.40					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	31.41	2.00	6.40					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	25.07	2.00	6.40					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	72.26	2.00	6.40					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	12.17	2.00	6.40					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	54.75	2.00	6.40					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	71.55	2.00	6.40					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	13.11	2.00	6.40					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Ti	SWA-L11-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	22.12	2.00	6.40					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	SWA-L11-1315-T01-A	1	2.03E+01		2.03E+01	4.66	1.50	4.77					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T02-A	1	2.37E+01		2.37E+01	2.39	1.50	4.77					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T03-A	1	1.08E+01		1.08E+01	3.71	1.50	4.77	10000	1000	1.05E+03	104%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T04-A	1	2.31E+01		2.31E+01	1.28	1.50	4.77					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T05-A	1	1.86E+01		1.86E+01	2.39	1.50	4.77					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T06-A	1	1.94E+01		1.94E+01	8.90	1.50	4.77					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T07-A	1	1.60E+01		1.60E+01	1.41	1.50	4.77					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T08-A	1	8.34E+00		8.34E+00	8.85	1.50	4.77					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T09-A	1	1.23E+01		1.23E+01	8.78	1.50	4.77					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T01-B	1	1.40E+01		1.40E+01	3.04	1.50	4.77					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T02-B	1	2.13E+01		2.13E+01	2.83	1.50	4.77					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T03-B	1	9.04E+00		9.04E+00	5.20	1.50	4.77	10000	1000	1.04E+03	103%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T04-B	1	2.16E+01		2.16E+01	0.48	1.50	4.77					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T05-B	1	1.71E+01		1.71E+01	5.26	1.50	4.77					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T06-B	1	1.91E+01		1.91E+01	7.35	1.50	4.77					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T07-B	1	1.42E+01		1.42E+01	2.91	1.50	4.77					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T08-B	1	7.57E+00		7.57E+00	7.72	1.50	4.77					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T09-B	1	1.28E+01		1.28E+01	5.08	1.50	4.77					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T01-C	1	9.74E+00		9.74E+00	3.61	1.50	4.77					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T02-C	1	2.02E+01		2.02E+01	0.98	1.50	4.77					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T03-C	1	1.22E+01		1.22E+01	4.20	1.50	4.77	10000	1000	1.09E+03	108%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T04-C	1	2.88E+01		2.88E+01	3.73	1.50	4.77					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T05-C	1	1.91E+01		1.91E+01	0.70	1.50	4.77					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T06-C	1	2.23E+01		2.23E+01	2.42	1.50	4.77					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T07-C	1	1.72E+01		1.72E+01	1.54	1.50	4.77					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T08-C	1	1.00E+01		1.00E+01	2.51	1.50	4.77					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-T09-C	1	1.27E+01		1.27E+01	1.74	1.50	4.77					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	46.52	1.50	4.77					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	34.00	1.50	4.77					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	15.08	1.50	4.77					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	38.60	1.50	4.77					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	40.53	1.50	4.77					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	36.25	1.50	4.77					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	40.12	1.50	4.77					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	38.13	1.50	4.77					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
V	SWA-L11-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	46.15	1.50	4.77					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	SWA-L11-1315-T01-A	1	5.00E-01	U1/2	5.00E-01	9.11	1.00	3.18					VU ICP-OES	6/7/11 11:33 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T02-A	1	5.00E-01	U1/2	5.00E-01	28.66	1.00	3.18					VU ICP-OES	6/7/11 11:35 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T03-A	1	5.00E-01	U1/2	5.00E-01	10.82	1.00	3.18	10000	1000	1.07E+03	107%	VU ICP-OES	6/7/11 11:36 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T04-A	1	2.05E+00	E	2.05E+00	14.03	1.00	3.18					VU ICP-OES	6/7/11 11:38 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T05-A	1	5.00E-01	U1/2	5.00E-01	51.63	1.00	3.18					VU ICP-OES	6/7/11 11:40 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T06-A	1	5.00E-01	U1/2	5.00E-01	17.01	1.00	3.18					VU ICP-OES	6/7/11 11:41 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T07-A	1	5.00E-01	U1/2	5.00E-01	49.95	1.00	3.18					VU ICP-OES	6/7/11 11:43 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T08-A	1	5.00E-01	U1/2	5.00E-01	44.14	1.00	3.18					VU ICP-OES	6/7/11 11:45 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T09-A	1	1.73E+00	E	1.73E+00	21.67	1.00	3.18					VU ICP-OES	6/7/11 11:46 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T01-B	1	5.00E-01	U1/2	5.00E-01	31.45	1.00	3.18					VU ICP-OES	6/7/11 11:48 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T02-B	1	5.00E-01	U1/2	5.00E-01	26.17	1.00	3.18					VU ICP-OES	6/7/11 11:50 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T03-B	1	5.00E-01	U1/2	5.00E-01	40.66	1.00	3.18	10000	1000	1.06E+03	106%	VU ICP-OES	6/7/11 11:51 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T04-B	1	5.00E-01	U1/2	5.00E-01	42.35	1.00	3.18					VU ICP-OES	6/7/11 11:53 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T05-B	1	5.00E-01	U1/2	5.00E-01	38.11	1.00	3.18					VU ICP-OES	6/7/11 11:55 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T06-B	1	5.00E-01	U1/2	5.00E-01	17.55	1.00	3.18					VU ICP-OES	6/7/11 11:56 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T07-B	1	5.00E-01	U1/2	5.00E-01	56.63	1.00	3.18					VU ICP-OES	6/7/11 11:58 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T08-B	1	5.00E-01	U1/2	5.00E-01	59.91	1.00	3.18					VU ICP-OES	6/7/11 11:59 AM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T09-B	1	5.00E-01	U1/2	5.00E-01	38.87	1.00	3.18					VU ICP-OES	6/7/11 12:01 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T01-C	1	5.00E-01	U1/2	5.00E-01	10.39	1.00	3.18					VU ICP-OES	6/7/11 12:08 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T02-C	1	5.00E-01	U1/2	5.00E-01	74.57	1.00	3.18					VU ICP-OES	6/7/11 12:09 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T03-C	1	5.00E-01	U1/2	5.00E-01	67.17	1.00	3.18	10000	1000	1.12E+03	112%	VU ICP-OES	6/7/11 12:11 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T04-C	1	5.00E-01	U1/2	5.00E-01	46.99	1.00	3.18					VU ICP-OES	6/7/11 12:13 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T05-C	1	5.00E-01	U1/2	5.00E-01	78.29	1.00	3.18					VU ICP-OES	6/7/11 12:14 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T06-C	1	5.00E-01	U1/2	5.00E-01	10.25	1.00	3.18					VU ICP-OES	6/7/11 12:16 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T07-C	1	5.00E-01	U1/2	5.00E-01	11.21	1.00	3.18					VU ICP-OES	6/7/11 12:18 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T08-C	1	5.00E-01	U1/2	5.00E-01	21.86	1.00	3.18					VU ICP-OES	6/7/11 12:19 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-T09-C	1	5.00E-01	U1/2	5.00E-01	32.95	1.00	3.18					VU ICP-OES	6/7/11 12:21 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	41.35	1.00	3.18					VU ICP-OES	6/7/11 12:22 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	49.29	1.00	3.18					VU ICP-OES	6/7/11 12:24 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	51.83	1.00	3.18					VU ICP-OES	6/7/11 12:26 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	11.37	1.00	3.18					VU ICP-OES	6/7/11 12:27 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	26.87	1.00	3.18					VU ICP-OES	6/7/11 12:29 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	37.50	1.00	3.18					VU ICP-OES	6/7/11 12:31 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	59.63	1.00	3.18					VU ICP-OES	6/7/11 12:32 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	8.46	1.00	3.18					VU ICP-OES	6/7/11 12:34 PM	EPA Interlab L11 1315 SWA
Zn	SWA-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	8.86	1.00	3.18					VU ICP-OES	6/7/11 12:36 PM	EPA Interlab L11 1315 SWA

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	SWA-LRef-1315-T01-A	1	1.08E+03		1.08E+03	0.38	1.00	3.18					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T02-A	1	3.84E+03		3.84E+03	1.07	1.00	3.18					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T03-A	1	2.60E+03		2.60E+03	1.16	1.00	3.18	10000	1000	3.60E+03	100%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T04-A	1	4.96E+03		4.96E+03	0.32	1.00	3.18					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T05-A	1	4.53E+03		4.53E+03	1.00	1.00	3.18					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T06-A	1	4.19E+03		4.19E+03	0.32	1.00	3.18					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T07-A	1	3.72E+03		3.72E+03	0.33	1.00	3.18					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T08-A	1	2.36E+03		2.36E+03	0.24	1.00	3.18					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T09-A	1	2.50E+03		2.50E+03	0.36	1.00	3.18					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T01-B	1	1.34E+03		1.34E+03	0.41	1.00	3.18					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T02-B	1	3.87E+03		3.87E+03	0.91	1.00	3.18					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T03-B	1	2.80E+03		2.80E+03	0.70	1.00	3.18	10000	1000	3.80E+03	101%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T04-B	1	4.91E+03		4.91E+03	0.22	1.00	3.18					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T05-B	1	4.29E+03		4.29E+03	0.45	1.00	3.18					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T06-B	1	4.24E+03		4.24E+03	0.57	1.00	3.18					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T07-B	1	3.58E+03		3.58E+03	0.59	1.00	3.18					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T08-B	1	2.25E+03		2.25E+03	0.83	1.00	3.18					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T09-B	1	2.92E+03		2.92E+03	0.26	1.00	3.18					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T01-C	1	6.68E+02		6.68E+02	0.70	1.00	3.18					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T02-C	1	3.80E+03		3.80E+03	0.54	1.00	3.18					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T03-C	1	2.98E+03		2.98E+03	0.73	1.00	3.18	10000	1000	3.92E+03	94%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T04-C	1	5.12E+03		5.12E+03	0.30	1.00	3.18					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T05-C	1	4.59E+03		4.59E+03	0.71	1.00	3.18					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T06-C	1	4.30E+03		4.30E+03	0.81	1.00	3.18					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T07-C	1	3.63E+03		3.63E+03	0.49	1.00	3.18					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T08-C	1	2.25E+03		2.25E+03	0.50	1.00	3.18					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T09-C	1	2.91E+03		2.91E+03	0.23	1.00	3.18					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	46.33	1.00	3.18					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	11.21	1.00	3.18					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	29.33	1.00	3.18					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	14.85	1.00	3.18					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	0.58	1.00	3.18					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	0.32	1.00	3.18					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	14.41	1.00	3.18					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	24.93	1.00	3.18					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	26.78	1.00	3.18					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	SWA-LRef-1315-T01-A	1	1.07E+02		1.07E+02	4.26	7.50	23.90					VU ICP-OES	11/3/11 1:12 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T02-A	1	4.62E+02		4.62E+02	5.49	7.50	23.90					VU ICP-OES	11/3/11 1:14 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T03-A	1	2.80E+02		2.80E+02	1.22	7.50	23.90	10000	1000	1.27E+03	99%	VU ICP-OES	11/3/11 1:15 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T04-A	1	4.45E+02		4.45E+02	2.34	7.50	23.90					VU ICP-OES	11/3/11 1:17 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T05-A	1	4.14E+02		4.14E+02	2.07	7.50	23.90					VU ICP-OES	11/3/11 1:19 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T06-A	1	4.86E+02		4.86E+02	2.08	7.50	23.90					VU ICP-OES	11/3/11 1:20 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T07-A	1	2.80E+02		2.80E+02	2.31	7.50	23.90					VU ICP-OES	11/3/11 1:22 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T08-A	1	2.60E+02		2.60E+02	5.14	7.50	23.90					VU ICP-OES	11/3/11 1:24 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T09-A	1	2.59E+02		2.59E+02	1.68	7.50	23.90					VU ICP-OES	11/3/11 1:25 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T01-B	1	1.16E+02		1.16E+02	2.15	7.50	23.90					VU ICP-OES	11/3/11 1:27 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T02-B	1	4.64E+02		4.64E+02	1.96	7.50	23.90					VU ICP-OES	11/3/11 1:29 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T03-B	1	2.96E+02		2.96E+02	1.75	7.50	23.90	10000	1000	1.26E+03	96%	VU ICP-OES	11/3/11 1:30 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T04-B	1	4.59E+02		4.59E+02	1.99	7.50	23.90					VU ICP-OES	11/3/11 1:32 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T05-B	1	4.79E+02		4.79E+02	2.60	7.50	23.90					VU ICP-OES	11/3/11 1:34 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T06-B	1	5.03E+02		5.03E+02	1.91	7.50	23.90					VU ICP-OES	11/3/11 1:35 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T07-B	1	3.73E+02		3.73E+02	2.48	7.50	23.90					VU ICP-OES	11/3/11 1:37 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T08-B	1	2.75E+02		2.75E+02	4.69	7.50	23.90					VU ICP-OES	11/3/11 1:39 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T09-B	1	2.24E+02		2.24E+02	2.08	7.50	23.90					VU ICP-OES	11/3/11 1:40 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T01-C	1	6.34E+01		6.34E+01	11.13	7.50	23.90					VU ICP-OES	11/3/11 1:46 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T02-C	1	4.63E+02		4.63E+02	2.01	7.50	23.90					VU ICP-OES	11/3/11 1:48 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T03-C	1	2.96E+02		2.96E+02	4.13	7.50	23.90	10000	1000	1.21E+03	91%	VU ICP-OES	11/3/11 1:49 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T04-C	1	4.52E+02		4.52E+02	3.87	7.50	23.90					VU ICP-OES	11/3/11 1:51 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T05-C	1	4.42E+02		4.42E+02	2.30	7.50	23.90					VU ICP-OES	11/3/11 1:53 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T06-C	1	5.06E+02		5.06E+02	1.90	7.50	23.90					VU ICP-OES	11/3/11 1:54 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T07-C	1	3.53E+02		3.53E+02	0.37	7.50	23.90					VU ICP-OES	11/3/11 1:56 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T08-C	1	2.82E+02		2.82E+02	3.07	7.50	23.90					VU ICP-OES	11/3/11 1:58 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T09-C	1	2.31E+02		2.31E+02	2.98	7.50	23.90					VU ICP-OES	11/3/11 1:59 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	27.07	7.50	23.90					VU ICP-OES	11/3/11 12:57 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	33.94	7.50	23.90					VU ICP-OES	11/3/11 12:59 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	20.85	7.50	23.90					VU ICP-OES	11/3/11 1:00 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	30.73	7.50	23.90					VU ICP-OES	11/3/11 1:02 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	28.22	7.50	23.90					VU ICP-OES	11/3/11 1:04 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	1.83	7.50	23.90					VU ICP-OES	11/3/11 1:05 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	41.09	7.50	23.90					VU ICP-OES	11/3/11 1:07 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	39.27	7.50	23.90					VU ICP-OES	11/3/11 1:09 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	38.16	7.50	23.90					VU ICP-OES	11/3/11 1:10 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	SWA-LRef-1315-T01-A	1	8.46E+01		8.46E+01	2.49	11.00	35.00					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T02-A	1	1.10E+02		1.10E+02	3.64	11.00	35.00					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T03-A	1	8.35E+01		8.35E+01	3.18	11.00	35.00	10000	1000	1.09E+03	100%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T04-A	1	1.60E+02		1.60E+02	1.40	11.00	35.00					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T05-A	1	1.34E+02		1.34E+02	3.88	11.00	35.00					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T06-A	1	1.38E+02		1.38E+02	1.90	11.00	35.00					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T07-A	1	1.13E+02		1.13E+02	3.59	11.00	35.00					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T08-A	1	6.79E+01		6.79E+01	1.94	11.00	35.00					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T09-A	1	1.24E+02		1.24E+02	5.20	11.00	35.00					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T01-B	1	1.17E+02		1.17E+02	7.26	11.00	35.00					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T02-B	1	1.64E+02		1.64E+02	3.48	11.00	35.00					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T03-B	1	1.44E+02		1.44E+02	1.57	11.00	35.00	10000	1000	1.11E+03	97%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T04-B	1	2.41E+02		2.41E+02	0.94	11.00	35.00					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T05-B	1	1.56E+02		1.56E+02	3.09	11.00	35.00					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T06-B	1	1.71E+02		1.71E+02	4.26	11.00	35.00					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T07-B	1	1.34E+02		1.34E+02	2.04	11.00	35.00					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T08-B	1	8.31E+01		8.31E+01	7.65	11.00	35.00					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T09-B	1	1.13E+02		1.13E+02	7.16	11.00	35.00					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T01-C	1	7.57E+01		7.57E+01	8.48	11.00	35.00					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T02-C	1	1.74E+02		1.74E+02	4.06	11.00	35.00					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T03-C	1	1.34E+02		1.34E+02	1.00	11.00	35.00	10000	1000	1.07E+03	93%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T04-C	1	2.08E+02		2.08E+02	2.53	11.00	35.00					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T05-C	1	1.63E+02		1.63E+02	1.84	11.00	35.00					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T06-C	1	1.71E+02		1.71E+02	1.46	11.00	35.00					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T07-C	1	1.18E+02		1.18E+02	0.89	11.00	35.00					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T08-C	1	8.62E+01		8.62E+01	7.07	11.00	35.00					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T09-C	1	1.12E+02		1.12E+02	7.47	11.00	35.00					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	24.99	11.00	35.00					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	33.87	11.00	35.00					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	24.08	11.00	35.00					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	46.30	11.00	35.00					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	59.48	11.00	35.00					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	4.13	11.00	35.00					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	45.02	11.00	35.00					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	33.92	11.00	35.00					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	16.32	11.00	35.00					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	SWA-LRef-1315-T01-A	1	5.38E+01		5.38E+01	0.53	1.00	3.18					VU ICP-OES	11/3/11 1:12 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T02-A	1	8.12E+01		8.12E+01	2.84	1.00	3.18					VU ICP-OES	11/3/11 1:14 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T03-A	1	6.08E+01		6.08E+01	1.37	1.00	3.18	10000	1000	1.00E+03	94%	VU ICP-OES	11/3/11 1:15 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T04-A	1	8.32E+01		8.32E+01	2.17	1.00	3.18					VU ICP-OES	11/3/11 1:17 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T05-A	1	6.92E+01		6.92E+01	2.73	1.00	3.18					VU ICP-OES	11/3/11 1:19 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T06-A	1	8.05E+01		8.05E+01	3.78	1.00	3.18					VU ICP-OES	11/3/11 1:20 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T07-A	1	7.46E+01		7.46E+01	1.15	1.00	3.18					VU ICP-OES	11/3/11 1:22 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T08-A	1	8.59E+01		8.59E+01	4.07	1.00	3.18					VU ICP-OES	11/3/11 1:24 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T09-A	1	6.59E+01		6.59E+01	1.64	1.00	3.18					VU ICP-OES	11/3/11 1:25 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T01-B	1	3.96E+01		3.96E+01	8.56	1.00	3.18					VU ICP-OES	11/3/11 1:27 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T02-B	1	8.63E+01		8.63E+01	2.47	1.00	3.18					VU ICP-OES	11/3/11 1:29 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T03-B	1	4.83E+01		4.83E+01	2.19	1.00	3.18	10000	1000	1.02E+03	98%	VU ICP-OES	11/3/11 1:30 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T04-B	1	7.49E+01		7.49E+01	2.68	1.00	3.18					VU ICP-OES	11/3/11 1:32 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T05-B	1	5.96E+01		5.96E+01	0.42	1.00	3.18					VU ICP-OES	11/3/11 1:34 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T06-B	1	7.57E+01		7.57E+01	3.31	1.00	3.18					VU ICP-OES	11/3/11 1:35 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T07-B	1	7.02E+01		7.02E+01	0.92	1.00	3.18					VU ICP-OES	11/3/11 1:37 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T08-B	1	7.10E+01		7.10E+01	3.72	1.00	3.18					VU ICP-OES	11/3/11 1:39 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T09-B	1	5.45E+01		5.45E+01	4.60	1.00	3.18					VU ICP-OES	11/3/11 1:40 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T01-C	1	3.80E+01		3.80E+01	9.62	1.00	3.18					VU ICP-OES	11/3/11 1:46 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T02-C	1	8.14E+01		8.14E+01	1.32	1.00	3.18					VU ICP-OES	11/3/11 1:48 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T03-C	1	4.48E+01		4.48E+01	2.98	1.00	3.18	10000	1000	9.73E+02	93%	VU ICP-OES	11/3/11 1:49 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T04-C	1	7.01E+01		7.01E+01	1.56	1.00	3.18					VU ICP-OES	11/3/11 1:51 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T05-C	1	5.62E+01		5.62E+01	4.23	1.00	3.18					VU ICP-OES	11/3/11 1:53 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T06-C	1	8.21E+01		8.21E+01	0.65	1.00	3.18					VU ICP-OES	11/3/11 1:54 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T07-C	1	7.64E+01		7.64E+01	4.33	1.00	3.18					VU ICP-OES	11/3/11 1:56 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T08-C	1	7.56E+01		7.56E+01	3.13	1.00	3.18					VU ICP-OES	11/3/11 1:58 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T09-C	1	4.83E+01		4.83E+01	2.60	1.00	3.18					VU ICP-OES	11/3/11 1:59 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	1.07	1.00	3.18					VU ICP-OES	11/3/11 12:57 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.24	1.00	3.18					VU ICP-OES	11/3/11 12:59 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	1.81	1.00	3.18					VU ICP-OES	11/3/11 1:00 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.74	1.00	3.18					VU ICP-OES	11/3/11 1:02 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.37	1.00	3.18					VU ICP-OES	11/3/11 1:04 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	1.44	1.00	3.18					VU ICP-OES	11/3/11 1:05 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.41	1.00	3.18					VU ICP-OES	11/3/11 1:07 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.09	1.00	3.18					VU ICP-OES	11/3/11 1:09 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	0.65	1.00	3.18					VU ICP-OES	11/3/11 1:10 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	SWA-LRef-1315-T01-A	1	2.04E+01		2.04E+01	1.00	1.00	3.18					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T02-A	1	2.38E+02		2.38E+02	0.65	1.00	3.18					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T03-A	1	1.99E+02		1.99E+02	0.75	1.00	3.18	10000	1000	1.24E+03	104%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T04-A	1	3.17E+02		3.17E+02	0.50	1.00	3.18					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T05-A	1	3.81E+02		3.81E+02	2.29	1.00	3.18					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T06-A	1	4.78E+02		4.78E+02	1.60	1.00	3.18					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T07-A	1	4.96E+02		4.96E+02	0.77	1.00	3.18					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T08-A	1	4.44E+02		4.44E+02	0.86	1.00	3.18					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T09-A	1	4.10E+02		4.10E+02	0.49	1.00	3.18					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T01-B	1	2.04E+01		2.04E+01	0.35	1.00	3.18					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T02-B	1	3.92E+02		3.92E+02	1.39	1.00	3.18					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T03-B	1	2.36E+02		2.36E+02	0.52	1.00	3.18	10000	1000	1.21E+03	97%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T04-B	1	3.52E+02		3.52E+02	0.33	1.00	3.18					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T05-B	1	3.75E+02		3.75E+02	0.28	1.00	3.18					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T06-B	1	4.95E+02		4.95E+02	1.25	1.00	3.18					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T07-B	1	4.70E+02		4.70E+02	0.75	1.00	3.18					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T08-B	1	4.62E+02		4.62E+02	0.40	1.00	3.18					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T09-B	1	4.34E+02		4.34E+02	2.14	1.00	3.18					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T01-C	1	1.26E+01		1.26E+01	1.11	1.00	3.18					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T02-C	1	1.87E+02		1.87E+02	0.78	1.00	3.18					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T03-C	1	1.86E+02		1.86E+02	1.34	1.00	3.18	10000	1000	1.18E+03	99%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T04-C	1	2.91E+02		2.91E+02	0.52	1.00	3.18					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T05-C	1	3.57E+02		3.57E+02	1.17	1.00	3.18					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T06-C	1	4.48E+02		4.48E+02	0.62	1.00	3.18					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T07-C	1	4.66E+02		4.66E+02	1.28	1.00	3.18					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T08-C	1	4.03E+02		4.03E+02	0.77	1.00	3.18					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T09-C	1	3.87E+02		3.87E+02	0.49	1.00	3.18					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	1.34	1.00	3.18					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.03	1.00	3.18					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	1.76	1.00	3.18					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.26	1.00	3.18					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.33	1.00	3.18					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	0.66	1.00	3.18					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.76	1.00	3.18					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	21.61	1.00	3.18					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	11.42	1.00	3.18					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	SWA-LRef-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	48.61	1.90	6.00					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	22.95	1.90	6.00					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	49.03	1.90	6.00	10000	1000	1.01E+03	101%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	20.98	1.90	6.00					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	68.12	1.90	6.00					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	8.97	1.90	6.00					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	38.28	1.90	6.00					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	7.16	1.90	6.00					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	8.59	1.90	6.00					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	33.13	1.90	6.00					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	11.72	1.90	6.00					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	9.70	1.90	6.00	10000	1000	1.02E+03	102%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	102.25	1.90	6.00					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	42.23	1.90	6.00					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	29.38	1.90	6.00					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	19.43	1.90	6.00					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	50.08	1.90	6.00					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	37.48	1.90	6.00					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	23.72	1.90	6.00					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	26.90	1.90	6.00					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	67.19	1.90	6.00	10000	1000	9.80E+02	98%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	28.25	1.90	6.00					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	25.49	1.90	6.00					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	17.10	1.90	6.00					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	59.87	1.90	6.00					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	40.14	1.90	6.00					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	6.61	1.90	6.00					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	62.41	1.90	6.00					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	38.07	1.90	6.00					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	59.86	1.90	6.00					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	22.20	1.90	6.00					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	18.75	1.90	6.00					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	19.42	1.90	6.00					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	29.48	1.90	6.00					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	46.18	1.90	6.00					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	7.59	1.90	6.00					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	SWA-LRef-1315-T01-A	1	1.10E+00	U1/2	1.10E+00	37.59	2.20	7.00					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T02-A	1	1.10E+00	U1/2	1.10E+00	68.01	2.20	7.00					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T03-A	1	1.10E+00	U1/2	1.10E+00	29.76	2.20	7.00	10000	1000	9.99E+02	100%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T04-A	1	1.10E+00	U1/2	1.10E+00	9.06	2.20	7.00					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T05-A	1	1.10E+00	U1/2	1.10E+00	65.30	2.20	7.00					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T06-A	1	1.10E+00	U1/2	1.10E+00	58.93	2.20	7.00					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T07-A	1	1.10E+00	U1/2	1.10E+00	42.52	2.20	7.00					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T08-A	1	1.10E+00	U1/2	1.10E+00	70.84	2.20	7.00					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T09-A	1	1.10E+00	U1/2	1.10E+00	58.52	2.20	7.00					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T01-B	1	1.10E+00	U1/2	1.10E+00	29.98	2.20	7.00					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T02-B	1	1.10E+00	U1/2	1.10E+00	32.36	2.20	7.00					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T03-B	1	1.10E+00	U1/2	1.10E+00	36.15	2.20	7.00	10000	1000	1.04E+03	104%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T04-B	1	1.10E+00	U1/2	1.10E+00	26.47	2.20	7.00					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T05-B	1	1.10E+00	U1/2	1.10E+00	11.97	2.20	7.00					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T06-B	1	1.10E+00	U1/2	1.10E+00	25.16	2.20	7.00					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T07-B	1	1.10E+00	U1/2	1.10E+00	52.92	2.20	7.00					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T08-B	1	1.10E+00	U1/2	1.10E+00	54.08	2.20	7.00					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T09-B	1	1.10E+00	U1/2	1.10E+00	43.76	2.20	7.00					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T01-C	1	1.10E+00	U1/2	1.10E+00	26.54	2.20	7.00					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T02-C	1	1.10E+00	U1/2	1.10E+00	31.41	2.20	7.00					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T03-C	1	1.10E+00	U1/2	1.10E+00	44.02	2.20	7.00	10000	1000	9.73E+02	97%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T04-C	1	1.10E+00	U1/2	1.10E+00	33.41	2.20	7.00					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T05-C	1	1.10E+00	U1/2	1.10E+00	19.79	2.20	7.00					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T06-C	1	1.10E+00	U1/2	1.10E+00	25.33	2.20	7.00					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T07-C	1	1.10E+00	U1/2	1.10E+00	31.40	2.20	7.00					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T08-C	1	1.10E+00	U1/2	1.10E+00	22.31	2.20	7.00					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T09-C	1	1.10E+00	U1/2	1.10E+00	45.64	2.20	7.00					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	37.04	2.20	7.00					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	50.92	2.20	7.00					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	41.51	2.20	7.00					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	45.66	2.20	7.00					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	82.33	2.20	7.00					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	33.10	2.20	7.00					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	29.32	2.20	7.00					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	65.90	2.20	7.00					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	21.15	2.20	7.00					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	SWA-LRef-1315-T01-A	1	2.01E+03		2.01E+03	2.27	2.60	8.30					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T02-A	1	1.45E+04		1.45E+04	1.00	2.60	8.30					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T03-A	1	1.46E+04		1.46E+04	1.15	2.60	8.30	10000	1000	1.55E+04	86%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T04-A	1	2.51E+04		2.51E+04	0.49	2.60	8.30					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T05-A	1	2.76E+04		2.76E+04	0.97	2.60	8.30					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T06-A	1	2.70E+04		2.70E+04	0.51	2.60	8.30					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T07-A	1	2.98E+04		2.98E+04	0.49	2.60	8.30					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T08-A	1	2.48E+04		2.48E+04	0.55	2.60	8.30					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T09-A	1	2.74E+04		2.74E+04	0.49	2.60	8.30					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T01-B	1	1.91E+03		1.91E+03	1.14	2.60	8.30					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T02-B	1	1.39E+04		1.39E+04	0.46	2.60	8.30					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T03-B	1	1.46E+04		1.46E+04	0.54	2.60	8.30	10000	1000	1.55E+04	89%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T04-B	1	2.43E+04		2.43E+04	0.28	2.60	8.30					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T05-B	1	2.58E+04		2.58E+04	0.26	2.60	8.30					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T06-B	1	2.74E+04		2.74E+04	0.60	2.60	8.30					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T07-B	1	2.54E+04		2.54E+04	0.52	2.60	8.30					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T08-B	1	2.35E+04		2.35E+04	0.36	2.60	8.30					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T09-B	1	2.50E+04		2.50E+04	0.67	2.60	8.30					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T01-C	1	1.02E+03		1.02E+03	3.13	2.60	8.30					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T02-C	1	1.27E+04		1.27E+04	0.15	2.60	8.30					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T03-C	1	1.48E+04		1.48E+04	0.65	2.60	8.30	10000	1000	1.57E+04	91%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T04-C	1	2.41E+04		2.41E+04	0.60	2.60	8.30					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T05-C	1	2.68E+04		2.68E+04	1.37	2.60	8.30					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T06-C	1	2.74E+04		2.74E+04	1.50	2.60	8.30					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T07-C	1	2.64E+04		2.64E+04	0.82	2.60	8.30					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T08-C	1	2.33E+04		2.33E+04	0.89	2.60	8.30					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T09-C	1	2.43E+04		2.43E+04	0.42	2.60	8.30					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-M01-A	1	1.09E+02		1.09E+02	2.15	2.60	8.30					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-M02-A	1	7.26E+01		7.26E+01	4.31	2.60	8.30					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-M03-A	1	1.30E+01		1.30E+01	8.20	2.60	8.30					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-M04-A	1	9.01E+01		9.01E+01	5.77	2.60	8.30					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-M05-A	1	1.43E+02		1.43E+02	2.07	2.60	8.30					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-M06-A	1	1.53E+02		1.53E+02	0.66	2.60	8.30					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-M07-A	1	1.02E+02		1.02E+02	7.31	2.60	8.30					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-M08-A	1	7.26E+01		7.26E+01	6.07	2.60	8.30					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-M09-A	1	8.38E+01		8.38E+01	3.32	2.60	8.30					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	SWA-LRef-1315-T01-A	1	2.58E+01		2.58E+01	1.39	1.20	3.82					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T02-A	1	5.87E+01		5.87E+01	1.31	1.20	3.82					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T03-A	1	3.42E+01		3.42E+01	0.86	1.20	3.82	10000	1000	1.03E+03	100%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T04-A	1	5.50E+01		5.50E+01	0.19	1.20	3.82					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T05-A	1	4.98E+01		4.98E+01	0.81	1.20	3.82					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T06-A	1	5.18E+01		5.18E+01	1.16	1.20	3.82					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T07-A	1	5.01E+01		5.01E+01	1.44	1.20	3.82					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T08-A	1	3.46E+01		3.46E+01	1.97	1.20	3.82					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T09-A	1	4.66E+01		4.66E+01	0.87	1.20	3.82					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T01-B	1	2.61E+01		2.61E+01	0.72	1.20	3.82					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T02-B	1	3.59E+01		3.59E+01	0.73	1.20	3.82					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T03-B	1	2.36E+01		2.36E+01	2.61	1.20	3.82	10000	1000	1.05E+03	103%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T04-B	1	3.74E+01		3.74E+01	1.09	1.20	3.82					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T05-B	1	4.22E+01		4.22E+01	0.20	1.20	3.82					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T06-B	1	4.98E+01		4.98E+01	0.95	1.20	3.82					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T07-B	1	5.00E+01		5.00E+01	0.56	1.20	3.82					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T08-B	1	3.57E+01		3.57E+01	0.62	1.20	3.82					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T09-B	1	4.44E+01		4.44E+01	0.13	1.20	3.82					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T01-C	1	2.65E+01		2.65E+01	1.18	1.20	3.82					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T02-C	1	4.54E+01		4.54E+01	0.46	1.20	3.82					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T03-C	1	2.84E+01		2.84E+01	2.27	1.20	3.82	10000	1000	1.01E+03	98%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T04-C	1	4.36E+01		4.36E+01	0.97	1.20	3.82					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T05-C	1	4.70E+01		4.70E+01	1.01	1.20	3.82					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T06-C	1	5.21E+01		5.21E+01	1.59	1.20	3.82					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T07-C	1	5.27E+01		5.27E+01	1.41	1.20	3.82					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T08-C	1	3.63E+01		3.63E+01	1.38	1.20	3.82					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T09-C	1	4.76E+01		4.76E+01	1.09	1.20	3.82					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	17.89	1.20	3.82					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	20.84	1.20	3.82					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	23.72	1.20	3.82					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	39.16	1.20	3.82					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	22.63	1.20	3.82					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	2.61	1.20	3.82					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	9.53	1.20	3.82					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	14.26	1.20	3.82					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	7.94	1.20	3.82					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	SWA-LRef-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	30.27	1.80	5.72					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	44.05	1.80	5.72					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	33.88	1.80	5.72	10000	1000	9.70E+02	97%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	52.87	1.80	5.72					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	33.03	1.80	5.72					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	43.18	1.80	5.72					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	73.49	1.80	5.72					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	45.72	1.80	5.72					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	2.05	1.80	5.72					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	40.04	1.80	5.72					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	63.44	1.80	5.72					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	10.78	1.80	5.72	10000	1000	9.95E+02	99%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	10.15	1.80	5.72					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	60.57	1.80	5.72					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	42.75	1.80	5.72					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	12.74	1.80	5.72					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	28.37	1.80	5.72					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	64.20	1.80	5.72					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	43.39	1.80	5.72					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	64.30	1.80	5.72					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	25.08	1.80	5.72	10000	1000	9.54E+02	95%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	24.11	1.80	5.72					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	19.53	1.80	5.72					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	28.82	1.80	5.72					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	74.24	1.80	5.72					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	63.10	1.80	5.72					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	14.92	1.80	5.72					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	27.96	1.80	5.72					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	44.27	1.80	5.72					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	73.28	1.80	5.72					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	25.93	1.80	5.72					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	49.63	1.80	5.72					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	24.40	1.80	5.72					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	4.56	1.80	5.72					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	42.93	1.80	5.72					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	55.68	1.80	5.72					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	SWA-LRef-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	19.87	3.70	11.80					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	37.22	3.70	11.80					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	64.54	3.70	11.80	10000	1000	9.80E+02	98%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	9.18	3.70	11.80					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	7.64	3.70	11.80					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	20.04	3.70	11.80					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	68.38	3.70	11.80					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	2.58	3.70	11.80					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	23.93	3.70	11.80					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	46.07	3.70	11.80					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T02-B	1	1.85E+00	U1/2	1.85E+00	21.76	3.70	11.80					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	23.34	3.70	11.80	10000	1000	1.00E+03	100%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	67.05	3.70	11.80					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	36.49	3.70	11.80					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	29.82	3.70	11.80					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	51.21	3.70	11.80					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	26.71	3.70	11.80					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	15.57	3.70	11.80					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	52.69	3.70	11.80					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	20.87	3.70	11.80					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	28.31	3.70	11.80	10000	1000	9.51E+02	95%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	26.82	3.70	11.80					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	33.07	3.70	11.80					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	33.25	3.70	11.80					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T07-C	1	1.85E+00	U1/2	1.85E+00	22.83	3.70	11.80					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	86.04	3.70	11.80					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	31.05	3.70	11.80					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	41.63	3.70	11.80					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	63.39	3.70	11.80					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	42.19	3.70	11.80					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	18.35	3.70	11.80					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	49.57	3.70	11.80					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	31.08	3.70	11.80					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	24.14	3.70	11.80					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	41.18	3.70	11.80					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	46.07	3.70	11.80					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	SWA-LRef-1315-T01-A	1	8.72E+00		8.72E+00	1.94	2.00	6.40					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T02-A	1	1.63E+01		1.63E+01	2.85	2.00	6.40					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T03-A	1	5.46E+00	E	5.46E+00	8.85	2.00	6.40	10000	1000	9.87E+02	98%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T04-A	1	5.77E+00	E	5.77E+00	1.41	2.00	6.40					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T05-A	1	4.42E+00	E	4.42E+00	10.27	2.00	6.40					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T06-A	1	3.47E+00	E	3.47E+00	1.29	2.00	6.40					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T07-A	1	5.29E+00	E	5.29E+00	5.48	2.00	6.40					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T08-A	1	2.28E+00	E	2.28E+00	9.49	2.00	6.40					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T09-A	1	2.57E+00	E	2.57E+00	0.90	2.00	6.40					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T01-B	1	1.01E+01		1.01E+01	2.30	2.00	6.40					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T02-B	1	9.74E+00		9.74E+00	2.20	2.00	6.40					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T03-B	1	5.85E+00	E	5.85E+00	5.19	2.00	6.40	10000	1000	1.03E+03	103%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T04-B	1	5.36E+00	E	5.36E+00	3.14	2.00	6.40					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T05-B	1	3.72E+00	E	3.72E+00	6.15	2.00	6.40					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T06-B	1	3.64E+00	E	3.64E+00	7.39	2.00	6.40					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T07-B	1	2.80E+00	E	2.80E+00	10.93	2.00	6.40					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	11.05	2.00	6.40					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T09-B	1	2.20E+00	E	2.20E+00	8.90	2.00	6.40					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T01-C	1	5.95E+00	E	5.95E+00	2.10	2.00	6.40					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T02-C	1	1.08E+01		1.08E+01	0.31	2.00	6.40					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T03-C	1	5.87E+00	E	5.87E+00	5.23	2.00	6.40	10000	1000	9.71E+02	97%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T04-C	1	5.59E+00	E	5.59E+00	3.91	2.00	6.40					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T05-C	1	1.14E+01		1.14E+01	5.53	2.00	6.40					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T06-C	1	3.81E+00	E	3.81E+00	10.36	2.00	6.40					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T07-C	1	2.58E+00	E	2.58E+00	5.10	2.00	6.40					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T08-C	1	2.14E+00	E	2.14E+00	2.44	2.00	6.40					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	2.77	2.00	6.40					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	1.21	2.00	6.40					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	22.19	2.00	6.40					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	15.18	2.00	6.40					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	10.05	2.00	6.40					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	0.28	2.00	6.40					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	2.41	2.00	6.40					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	34.08	2.00	6.40					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	13.42	2.00	6.40					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	13.85	2.00	6.40					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	SWA-LRef-1315-T01-A	1	3.40E+00	U1/2	3.40E+00	52.75	6.80	21.60					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T02-A	1	3.40E+00	U1/2	3.40E+00	48.69	6.80	21.60					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T03-A	1	3.40E+00	U1/2	3.40E+00	60.53	6.80	21.60	10000	1000	9.72E+02	97%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T04-A	1	3.40E+00	U1/2	3.40E+00	15.00	6.80	21.60					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T05-A	1	3.40E+00	U1/2	3.40E+00	54.77	6.80	21.60					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T06-A	1	3.40E+00	U1/2	3.40E+00	9.32	6.80	21.60					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T07-A	1	3.40E+00	U1/2	3.40E+00	37.38	6.80	21.60					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T08-A	1	3.40E+00	U1/2	3.40E+00	38.27	6.80	21.60					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T09-A	1	3.40E+00	U1/2	3.40E+00	6.86	6.80	21.60					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T01-B	1	3.40E+00	U1/2	3.40E+00	44.83	6.80	21.60					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T02-B	1	3.40E+00	U1/2	3.40E+00	37.38	6.80	21.60					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T03-B	1	3.40E+00	U1/2	3.40E+00	76.09	6.80	21.60	10000	1000	9.90E+02	99%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T04-B	1	3.40E+00	U1/2	3.40E+00	38.40	6.80	21.60					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T05-B	1	3.40E+00	U1/2	3.40E+00	63.53	6.80	21.60					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T06-B	1	3.40E+00	U1/2	3.40E+00	37.30	6.80	21.60					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T07-B	1	3.40E+00	U1/2	3.40E+00	35.31	6.80	21.60					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T08-B	1	3.40E+00	U1/2	3.40E+00	25.44	6.80	21.60					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T09-B	1	3.40E+00	U1/2	3.40E+00	77.18	6.80	21.60					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T01-C	1	3.40E+00	U1/2	3.40E+00	57.53	6.80	21.60					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T02-C	1	3.40E+00	U1/2	3.40E+00	12.17	6.80	21.60					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T03-C	1	3.40E+00	U1/2	3.40E+00	34.28	6.80	21.60	10000	1000	9.52E+02	95%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T04-C	1	3.40E+00	U1/2	3.40E+00	31.57	6.80	21.60					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T05-C	1	3.40E+00	U1/2	3.40E+00	22.14	6.80	21.60					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T06-C	1	3.40E+00	U1/2	3.40E+00	46.73	6.80	21.60					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T07-C	1	3.40E+00	U1/2	3.40E+00	37.64	6.80	21.60					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T08-C	1	3.40E+00	U1/2	3.40E+00	28.84	6.80	21.60					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T09-C	1	3.40E+00	U1/2	3.40E+00	14.45	6.80	21.60					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	11.56	6.80	21.60					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	13.28	6.80	21.60					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	35.36	6.80	21.60					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	24.72	6.80	21.60					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	31.88	6.80	21.60					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	6.21	6.80	21.60					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	23.31	6.80	21.60					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	4.47	6.80	21.60					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	15.72	6.80	21.60					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	SWA-LRef-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	10.60	1.90	6.00					VU ICP-OES	11/3/11 1:12 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	60.45	1.90	6.00					VU ICP-OES	11/3/11 1:14 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	91.26	1.90	6.00	10000	1000	8.83E+02	88%	VU ICP-OES	11/3/11 1:15 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	22.61	1.90	6.00					VU ICP-OES	11/3/11 1:17 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	34.34	1.90	6.00					VU ICP-OES	11/3/11 1:19 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	58.21	1.90	6.00					VU ICP-OES	11/3/11 1:20 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	10.40	1.90	6.00					VU ICP-OES	11/3/11 1:22 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	50.15	1.90	6.00					VU ICP-OES	11/3/11 1:24 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	32.59	1.90	6.00					VU ICP-OES	11/3/11 1:25 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	38.72	1.90	6.00					VU ICP-OES	11/3/11 1:27 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	10.47	1.90	6.00					VU ICP-OES	11/3/11 1:29 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	74.58	1.90	6.00	10000	1000	8.87E+02	89%	VU ICP-OES	11/3/11 1:30 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	14.11	1.90	6.00					VU ICP-OES	11/3/11 1:32 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	12.45	1.90	6.00					VU ICP-OES	11/3/11 1:34 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	18.28	1.90	6.00					VU ICP-OES	11/3/11 1:35 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	44.41	1.90	6.00					VU ICP-OES	11/3/11 1:37 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	22.25	1.90	6.00					VU ICP-OES	11/3/11 1:39 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	3.44	1.90	6.00					VU ICP-OES	11/3/11 1:40 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	38.16	1.90	6.00					VU ICP-OES	11/3/11 1:46 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	56.92	1.90	6.00					VU ICP-OES	11/3/11 1:48 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	21.14	1.90	6.00	10000	1000	8.76E+02	88%	VU ICP-OES	11/3/11 1:49 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	16.20	1.90	6.00					VU ICP-OES	11/3/11 1:51 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	10.24	1.90	6.00					VU ICP-OES	11/3/11 1:53 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	3.49	1.90	6.00					VU ICP-OES	11/3/11 1:54 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	64.04	1.90	6.00					VU ICP-OES	11/3/11 1:56 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	30.56	1.90	6.00					VU ICP-OES	11/3/11 1:58 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	42.36	1.90	6.00					VU ICP-OES	11/3/11 1:59 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	19.02	1.90	6.00					VU ICP-OES	11/3/11 12:57 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	52.30	1.90	6.00					VU ICP-OES	11/3/11 12:59 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	21.18	1.90	6.00					VU ICP-OES	11/3/11 1:00 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	67.20	1.90	6.00					VU ICP-OES	11/3/11 1:02 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	50.48	1.90	6.00					VU ICP-OES	11/3/11 1:04 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	33.18	1.90	6.00					VU ICP-OES	11/3/11 1:05 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	50.30	1.90	6.00					VU ICP-OES	11/3/11 1:07 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	24.81	1.90	6.00					VU ICP-OES	11/3/11 1:09 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	43.77	1.90	6.00					VU ICP-OES	11/3/11 1:10 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	SWA-LRef-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	9.68	2.00	6.40					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	7.89	2.00	6.40					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	12.24	2.00	6.40	10000	1000	9.85E+02	98%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	5.86	2.00	6.40					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	3.21	2.00	6.40					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	15.66	2.00	6.40					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	10.32	2.00	6.40					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	13.21	2.00	6.40					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	0.23	2.00	6.40					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	10.18	2.00	6.40					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	9.64	2.00	6.40					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	3.45	2.00	6.40	10000	1000	9.95E+02	99%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	21.08	2.00	6.40					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	2.30	2.00	6.40					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	10.78	2.00	6.40					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	27.18	2.00	6.40					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	34.11	2.00	6.40					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	4.65	2.00	6.40					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	13.94	2.00	6.40					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	4.51	2.00	6.40					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	14.36	2.00	6.40	10000	1000	9.56E+02	96%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	12.73	2.00	6.40					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	11.33	2.00	6.40					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	18.28	2.00	6.40					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	5.51	2.00	6.40					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	13.26	2.00	6.40					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	6.29	2.00	6.40					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	9.58	2.00	6.40					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	28.15	2.00	6.40					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	16.14	2.00	6.40					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	6.68	2.00	6.40					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	3.55	2.00	6.40					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	5.83	2.00	6.40					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	10.13	2.00	6.40					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	18.75	2.00	6.40					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	14.84	2.00	6.40					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	SWA-LRef-1315-T01-A	1	4.59E+00		4.59E+00	1.88	1.00	3.18					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T02-A	1	2.37E+01		2.37E+01	4.09	1.00	3.18					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T03-A	1	2.65E+01		2.65E+01	11.17	1.00	3.18	10000	1000	9.74E+02	95%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T04-A	1	2.09E+01		2.09E+01	1.99	1.00	3.18					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T05-A	1	2.26E+01		2.26E+01	1.50	1.00	3.18					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T06-A	1	1.71E+01		1.71E+01	8.70	1.00	3.18					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T07-A	1	9.08E+00		9.08E+00	7.41	1.00	3.18					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T08-A	1	5.32E+01		5.32E+01	1.02	1.00	3.18					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T09-A	1	2.81E+01		2.81E+01	1.05	1.00	3.18					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T01-B	1	3.77E+00		3.77E+00	9.93	1.00	3.18					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T02-B	1	1.78E+01		1.78E+01	1.01	1.00	3.18					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T03-B	1	3.46E+01		3.46E+01	2.32	1.00	3.18	10000	1000	1.01E+03	98%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T04-B	1	2.42E+01		2.42E+01	5.06	1.00	3.18					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T05-B	1	2.41E+01		2.41E+01	5.53	1.00	3.18					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T06-B	1	1.05E+01		1.05E+01	1.49	1.00	3.18					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T07-B	1	2.50E+01		2.50E+01	8.67	1.00	3.18					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T08-B	1	6.31E+01		6.31E+01	4.26	1.00	3.18					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T09-B	1	2.57E+01		2.57E+01	1.47	1.00	3.18					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T01-C	1	1.85E+00	E	1.85E+00	18.43	1.00	3.18					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T02-C	1	1.59E+01		1.59E+01	3.62	1.00	3.18					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T03-C	1	2.83E+01		2.83E+01	6.39	1.00	3.18	10000	1000	9.62E+02	93%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T04-C	1	1.15E+01		1.15E+01	9.60	1.00	3.18					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T05-C	1	3.40E+01		3.40E+01	6.03	1.00	3.18					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T06-C	1	2.26E+01		2.26E+01	8.76	1.00	3.18					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T07-C	1	1.22E+01		1.22E+01	3.65	1.00	3.18					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T08-C	1	6.50E+01		6.50E+01	7.69	1.00	3.18					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T09-C	1	2.46E+01		2.46E+01	1.78	1.00	3.18					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-M01-A	1	2.33E+00	E	2.33E+00	3.49	1.00	3.18					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-M02-A	1	4.62E+00		4.62E+00	2.10	1.00	3.18					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-M03-A	1	1.71E+00	E	1.71E+00	4.14	1.00	3.18					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-M04-A	1	2.22E+00	E	2.22E+00	3.03	1.00	3.18					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-M05-A	1	2.19E+00	E	2.19E+00	3.15	1.00	3.18					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-M06-A	1	2.46E+00	E	2.46E+00	14.89	1.00	3.18					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-M07-A	1	1.21E+00	E	1.21E+00	3.68	1.00	3.18					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-M08-A	1	3.36E+00		3.36E+00	3.42	1.00	3.18					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-M09-A	1	2.79E+00	E	2.79E+00	3.90	1.00	3.18					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	SWA-LRef-1315-T01-A	1	3.80E+00	E	3.80E+00	14.53	1.20	3.82					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T02-A	1	4.59E+00		4.59E+00	3.35	1.20	3.82					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T03-A	1	3.69E+00	E	3.69E+00	15.84	1.20	3.82	10000	1000	9.77E+02	97%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T04-A	1	6.79E+00		6.79E+00	5.53	1.20	3.82					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T05-A	1	4.52E+00		4.52E+00	1.73	1.20	3.82					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T06-A	1	7.77E+00		7.77E+00	1.35	1.20	3.82					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T07-A	1	6.10E+00		6.10E+00	14.35	1.20	3.82					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T08-A	1	3.16E+00	E	3.16E+00	22.13	1.20	3.82					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T09-A	1	5.36E+00		5.36E+00	3.51	1.20	3.82					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T01-B	1	2.90E+00	E	2.90E+00	12.81	1.20	3.82					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T02-B	1	4.46E+00		4.46E+00	1.20	1.20	3.82					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T03-B	1	3.85E+00		3.85E+00	3.50	1.20	3.82	10000	1000	1.00E+03	100%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T04-B	1	6.89E+00		6.89E+00	1.07	1.20	3.82					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T05-B	1	4.01E+00		4.01E+00	1.31	1.20	3.82					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T06-B	1	8.82E+00		8.82E+00	1.70	1.20	3.82					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T07-B	1	5.04E+00		5.04E+00	2.29	1.20	3.82					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T08-B	1	3.01E+00	E	3.01E+00	26.87	1.20	3.82					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T09-B	1	5.30E+00		5.30E+00	12.30	1.20	3.82					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T01-C	1	1.55E+00	E	1.55E+00	15.50	1.20	3.82					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T02-C	1	4.91E+00		4.91E+00	9.67	1.20	3.82					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T03-C	1	3.52E+00	E	3.52E+00	3.04	1.20	3.82	10000	1000	9.56E+02	95%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T04-C	1	6.45E+00		6.45E+00	2.28	1.20	3.82					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T05-C	1	5.02E+00		5.02E+00	1.54	1.20	3.82					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T06-C	1	8.94E+00		8.94E+00	6.71	1.20	3.82					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T07-C	1	6.26E+00		6.26E+00	3.96	1.20	3.82					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T08-C	1	3.03E+00	E	3.03E+00	2.04	1.20	3.82					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T09-C	1	4.33E+00		4.33E+00	2.86	1.20	3.82					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	29.59	1.20	3.82					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	24.23	1.20	3.82					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	47.46	1.20	3.82					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	1.91	1.20	3.82					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	6.03	1.20	3.82					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	8.93	1.20	3.82					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	15.56	1.20	3.82					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	41.91	1.20	3.82					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	5.47	1.20	3.82					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	SWA-LRef-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	69.60	1.80	5.70					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T02-A	1	9.00E-01	U1/2	9.00E-01	10.65	1.80	5.70					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T03-A	1	9.00E-01	U1/2	9.00E-01	50.56	1.80	5.70	10000	1000	9.75E+02	97%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T04-A	1	9.00E-01	U1/2	9.00E-01	33.69	1.80	5.70					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T05-A	1	9.00E-01	U1/2	9.00E-01	71.48	1.80	5.70					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T06-A	1	9.00E-01	U1/2	9.00E-01	21.75	1.80	5.70					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T07-A	1	9.00E-01	U1/2	9.00E-01	57.43	1.80	5.70					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T08-A	1	9.00E-01	U1/2	9.00E-01	18.05	1.80	5.70					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T09-A	1	9.00E-01	U1/2	9.00E-01	12.55	1.80	5.70					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	28.82	1.80	5.70					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T02-B	1	9.00E-01	U1/2	9.00E-01	37.36	1.80	5.70					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T03-B	1	9.00E-01	U1/2	9.00E-01	72.97	1.80	5.70	10000	1000	1.03E+03	102%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T04-B	1	9.00E-01	U1/2	9.00E-01	53.94	1.80	5.70					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T05-B	1	9.00E-01	U1/2	9.00E-01	31.63	1.80	5.70					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T06-B	1	9.00E-01	U1/2	9.00E-01	36.71	1.80	5.70					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T07-B	1	9.00E-01	U1/2	9.00E-01	28.54	1.80	5.70					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T08-B	1	9.00E-01	U1/2	9.00E-01	33.03	1.80	5.70					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T09-B	1	9.00E-01	U1/2	9.00E-01	30.07	1.80	5.70					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	48.64	1.80	5.70					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T02-C	1	9.00E-01	U1/2	9.00E-01	27.94	1.80	5.70					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T03-C	1	9.00E-01	U1/2	9.00E-01	11.48	1.80	5.70	10000	1000	9.48E+02	95%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T04-C	1	9.00E-01	U1/2	9.00E-01	1.97	1.80	5.70					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T05-C	1	9.00E-01	U1/2	9.00E-01	40.17	1.80	5.70					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T06-C	1	9.00E-01	U1/2	9.00E-01	9.41	1.80	5.70					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T07-C	1	9.00E-01	U1/2	9.00E-01	24.85	1.80	5.70					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T08-C	1	9.00E-01	U1/2	9.00E-01	33.85	1.80	5.70					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T09-C	1	9.00E-01	U1/2	9.00E-01	60.20	1.80	5.70					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	25.09	1.80	5.70					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	27.34	1.80	5.70					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	33.16	1.80	5.70					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	27.22	1.80	5.70					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	33.54	1.80	5.70					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	10.68	1.80	5.70					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	20.56	1.80	5.70					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	8.17	1.80	5.70					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	29.18	1.80	5.70					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	SWA-LRef-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	39.16	3.70	11.80					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T02-A	1	1.85E+00	U1/2	1.85E+00	13.67	3.70	11.80					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T03-A	1	1.85E+00	U1/2	1.85E+00	35.72	3.70	11.80	10000	1000	1.03E+03	102%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T04-A	1	1.85E+00	U1/2	1.85E+00	11.79	3.70	11.80					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T05-A	1	1.85E+00	U1/2	1.85E+00	51.36	3.70	11.80					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T06-A	1	1.85E+00	U1/2	1.85E+00	50.69	3.70	11.80					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T07-A	1	1.85E+00	U1/2	1.85E+00	58.17	3.70	11.80					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T08-A	1	1.85E+00	U1/2	1.85E+00	16.22	3.70	11.80					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T09-A	1	1.85E+00	U1/2	1.85E+00	4.40	3.70	11.80					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	30.44	3.70	11.80					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T02-B	1	1.85E+00	U1/2	1.85E+00	37.78	3.70	11.80					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T03-B	1	1.85E+00	U1/2	1.85E+00	26.17	3.70	11.80	10000	1000	1.06E+03	105%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T04-B	1	1.85E+00	U1/2	1.85E+00	6.28	3.70	11.80					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T05-B	1	1.85E+00	U1/2	1.85E+00	22.97	3.70	11.80					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T06-B	1	1.85E+00	U1/2	1.85E+00	25.57	3.70	11.80					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T07-B	1	1.85E+00	U1/2	1.85E+00	32.72	3.70	11.80					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T08-B	1	1.85E+00	U1/2	1.85E+00	68.93	3.70	11.80					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T09-B	1	1.85E+00	U1/2	1.85E+00	38.18	3.70	11.80					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	64.36	3.70	11.80					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T02-C	1	1.85E+00	U1/2	1.85E+00	16.19	3.70	11.80					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T03-C	1	1.85E+00	U1/2	1.85E+00	26.17	3.70	11.80	10000	1000	9.81E+02	98%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T04-C	1	1.85E+00	U1/2	1.85E+00	11.41	3.70	11.80					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T05-C	1	1.85E+00	U1/2	1.85E+00	53.90	3.70	11.80					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T06-C	1	1.85E+00	U1/2	1.85E+00	38.13	3.70	11.80					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T07-C	1	1.85E+00	U1/2	1.85E+00	24.28	3.70	11.80					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T08-C	1	1.85E+00	U1/2	1.85E+00	28.16	3.70	11.80					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T09-C	1	1.85E+00	U1/2	1.85E+00	55.16	3.70	11.80					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	24.13	3.70	11.80					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	11.94	3.70	11.80					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	15.26	3.70	11.80					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	23.89	3.70	11.80					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	36.01	3.70	11.80					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	16.33	3.70	11.80					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	18.07	3.70	11.80					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	21.34	3.70	11.80					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	86.31	3.70	11.80					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	SWA-LRef-1315-T01-A	1	8.45E+03		8.45E+03	0.69	1.60	5.09					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T02-A	1	2.56E+04		2.56E+04	0.69	1.60	5.09					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T03-A	1	1.52E+04		1.52E+04	0.64	1.60	5.09	10000	1000	1.61E+04	89%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T04-A	1	3.86E+04		3.86E+04	0.79	1.60	5.09					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T05-A	1	2.99E+04		2.99E+04	1.55	1.60	5.09					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T06-A	1	3.38E+04		3.38E+04	0.34	1.60	5.09					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T07-A	1	2.30E+04		2.30E+04	0.25	1.60	5.09					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T08-A	1	8.97E+03		8.97E+03	0.51	1.60	5.09					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T09-A	1	1.48E+04		1.48E+04	0.39	1.60	5.09					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T01-B	1	8.00E+03		8.00E+03	0.39	1.60	5.09					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T02-B	1	2.42E+04		2.42E+04	0.53	1.60	5.09					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T03-B	1	1.66E+04		1.66E+04	0.69	1.60	5.09	10000	1000	1.76E+04	91%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T04-B	1	3.89E+04		3.89E+04	0.29	1.60	5.09					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T05-B	1	2.86E+04		2.86E+04	0.85	1.60	5.09					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T06-B	1	3.30E+04		3.30E+04	0.80	1.60	5.09					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T07-B	1	2.25E+04		2.25E+04	0.25	1.60	5.09					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T08-B	1	8.95E+03		8.95E+03	0.45	1.60	5.09					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T09-B	1	1.44E+04		1.44E+04	0.87	1.60	5.09					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T01-C	1	6.40E+03		6.40E+03	0.62	1.60	5.09					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T02-C	1	2.51E+04		2.51E+04	0.78	1.60	5.09					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T03-C	1	1.70E+04		1.70E+04	0.87	1.60	5.09	10000	1000	1.80E+04	95%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T04-C	1	3.80E+04		3.80E+04	0.57	1.60	5.09					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T05-C	1	2.93E+04		2.93E+04	1.11	1.60	5.09					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T06-C	1	3.23E+04		3.23E+04	0.83	1.60	5.09					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T07-C	1	2.19E+04		2.19E+04	1.06	1.60	5.09					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T08-C	1	8.77E+03		8.77E+03	0.79	1.60	5.09					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T09-C	1	1.36E+04		1.36E+04	0.50	1.60	5.09					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-M01-A	1	5.73E+01		5.73E+01	5.14	1.60	5.09					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-M02-A	1	3.95E+01		3.95E+01	1.23	1.60	5.09					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-M03-A	1	4.62E+01		4.62E+01	0.85	1.60	5.09					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-M04-A	1	4.40E+01		4.40E+01	3.09	1.60	5.09					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-M05-A	1	4.79E+01		4.79E+01	5.87	1.60	5.09					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-M06-A	1	3.25E+01		3.25E+01	0.67	1.60	5.09					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-M07-A	1	2.18E+01		2.18E+01	1.31	1.60	5.09					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-M08-A	1	4.39E+01		4.39E+01	9.11	1.60	5.09					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-M09-A	1	4.76E+01		4.76E+01	3.98	1.60	5.09					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	SWA-LRef-1315-T01-A	1	1.55E+03		1.55E+03	0.77	15.00	47.70					VU ICP-OES	11/3/11 1:12 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T02-A	1	5.05E+03		5.05E+03	1.26	15.00	47.70					VU ICP-OES	11/3/11 1:14 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T03-A	1	2.58E+03		2.58E+03	0.62	15.00	47.70	10000	1000	3.53E+03	96%	VU ICP-OES	11/3/11 1:15 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T04-A	1	5.28E+03		5.28E+03	0.69	15.00	47.70					VU ICP-OES	11/3/11 1:17 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T05-A	1	3.24E+03		3.24E+03	0.26	15.00	47.70					VU ICP-OES	11/3/11 1:19 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T06-A	1	3.39E+03		3.39E+03	0.17	15.00	47.70					VU ICP-OES	11/3/11 1:20 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T07-A	1	1.96E+03		1.96E+03	1.62	15.00	47.70					VU ICP-OES	11/3/11 1:22 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T08-A	1	7.50E+02		7.50E+02	0.55	15.00	47.70					VU ICP-OES	11/3/11 1:24 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T09-A	1	1.14E+03		1.14E+03	0.87	15.00	47.70					VU ICP-OES	11/3/11 1:25 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T01-B	1	1.60E+03		1.60E+03	1.90	15.00	47.70					VU ICP-OES	11/3/11 1:27 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T02-B	1	5.12E+03		5.12E+03	0.69	15.00	47.70					VU ICP-OES	11/3/11 1:29 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T03-B	1	2.55E+03		2.55E+03	1.81	15.00	47.70	10000	1000	3.47E+03	93%	VU ICP-OES	11/3/11 1:30 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T04-B	1	5.22E+03		5.22E+03	0.48	15.00	47.70					VU ICP-OES	11/3/11 1:32 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T05-B	1	3.03E+03		3.03E+03	1.54	15.00	47.70					VU ICP-OES	11/3/11 1:34 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T06-B	1	3.62E+03		3.62E+03	1.35	15.00	47.70					VU ICP-OES	11/3/11 1:35 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T07-B	1	1.96E+03		1.96E+03	0.28	15.00	47.70					VU ICP-OES	11/3/11 1:37 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T08-B	1	7.54E+02		7.54E+02	4.20	15.00	47.70					VU ICP-OES	11/3/11 1:39 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T09-B	1	1.28E+03		1.28E+03	1.32	15.00	47.70					VU ICP-OES	11/3/11 1:40 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T01-C	1	1.43E+03		1.43E+03	3.03	15.00	47.70					VU ICP-OES	11/3/11 1:46 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T02-C	1	5.31E+03		5.31E+03	1.47	15.00	47.70					VU ICP-OES	11/3/11 1:48 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T03-C	1	2.51E+03		2.51E+03	2.33	15.00	47.70	10000	1000	3.54E+03	103%	VU ICP-OES	11/3/11 1:49 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T04-C	1	5.57E+03		5.57E+03	0.66	15.00	47.70					VU ICP-OES	11/3/11 1:51 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T05-C	1	3.14E+03		3.14E+03	1.98	15.00	47.70					VU ICP-OES	11/3/11 1:53 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T06-C	1	3.71E+03		3.71E+03	1.24	15.00	47.70					VU ICP-OES	11/3/11 1:54 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T07-C	1	2.05E+03		2.05E+03	1.15	15.00	47.70					VU ICP-OES	11/3/11 1:56 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T08-C	1	7.58E+02		7.58E+02	3.21	15.00	47.70					VU ICP-OES	11/3/11 1:58 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T09-C	1	1.21E+03		1.21E+03	0.05	15.00	47.70					VU ICP-OES	11/3/11 1:59 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	15.83	15.00	47.70					VU ICP-OES	11/3/11 12:57 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	44.04	15.00	47.70					VU ICP-OES	11/3/11 12:59 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	69.56	15.00	47.70					VU ICP-OES	11/3/11 1:00 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	48.12	15.00	47.70					VU ICP-OES	11/3/11 1:02 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	41.83	15.00	47.70					VU ICP-OES	11/3/11 1:04 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	1.44	15.00	47.70					VU ICP-OES	11/3/11 1:05 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	39.94	15.00	47.70					VU ICP-OES	11/3/11 1:07 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	23.10	15.00	47.70					VU ICP-OES	11/3/11 1:09 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	2.73	15.00	47.70					VU ICP-OES	11/3/11 1:10 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	SWA-LRef-1315-T01-A	1	7.10E+02		7.10E+02	0.48	1.10	3.50					VU ICP-OES	11/3/11 1:12 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T02-A	1	4.17E+03		4.17E+03	1.40	1.10	3.50					VU ICP-OES	11/3/11 1:14 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T03-A	1	3.19E+03		3.19E+03	0.36	1.10	3.50	10000	1000	4.15E+03	96%	VU ICP-OES	11/3/11 1:15 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T04-A	1	8.00E+03		8.00E+03	0.91	1.10	3.50					VU ICP-OES	11/3/11 1:17 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T05-A	1	7.52E+03		7.52E+03	1.67	1.10	3.50					VU ICP-OES	11/3/11 1:19 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T06-A	1	8.08E+03		8.08E+03	0.83	1.10	3.50					VU ICP-OES	11/3/11 1:20 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T07-A	1	7.30E+03		7.30E+03	1.13	1.10	3.50					VU ICP-OES	11/3/11 1:22 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T08-A	1	5.10E+03		5.10E+03	0.67	1.10	3.50					VU ICP-OES	11/3/11 1:24 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T09-A	1	6.73E+03		6.73E+03	0.50	1.10	3.50					VU ICP-OES	11/3/11 1:25 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T01-B	1	7.03E+02		7.03E+02	0.76	1.10	3.50					VU ICP-OES	11/3/11 1:27 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T02-B	1	4.40E+03		4.40E+03	0.48	1.10	3.50					VU ICP-OES	11/3/11 1:29 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T03-B	1	3.09E+03		3.09E+03	0.52	1.10	3.50	10000	1000	4.03E+03	95%	VU ICP-OES	11/3/11 1:30 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T04-B	1	7.99E+03		7.99E+03	1.34	1.10	3.50					VU ICP-OES	11/3/11 1:32 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T05-B	1	7.70E+03		7.70E+03	0.57	1.10	3.50					VU ICP-OES	11/3/11 1:34 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T06-B	1	8.13E+03		8.13E+03	1.10	1.10	3.50					VU ICP-OES	11/3/11 1:35 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T07-B	1	7.18E+03		7.18E+03	0.83	1.10	3.50					VU ICP-OES	11/3/11 1:37 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T08-B	1	5.21E+03		5.21E+03	1.39	1.10	3.50					VU ICP-OES	11/3/11 1:39 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T09-B	1	6.93E+03		6.93E+03	1.08	1.10	3.50					VU ICP-OES	11/3/11 1:40 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T01-C	1	7.13E+02		7.13E+02	0.99	1.10	3.50					VU ICP-OES	11/3/11 1:46 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T02-C	1	3.13E+03		3.13E+03	1.61	1.10	3.50					VU ICP-OES	11/3/11 1:48 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T03-C	1	2.89E+03		2.89E+03	0.47	1.10	3.50	10000	1000	3.81E+03	92%	VU ICP-OES	11/3/11 1:49 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T04-C	1	7.98E+03		7.98E+03	0.51	1.10	3.50					VU ICP-OES	11/3/11 1:51 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T05-C	1	7.98E+03		7.98E+03	1.25	1.10	3.50					VU ICP-OES	11/3/11 1:53 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T06-C	1	8.17E+03		8.17E+03	0.74	1.10	3.50					VU ICP-OES	11/3/11 1:54 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T07-C	1	7.06E+03		7.06E+03	0.60	1.10	3.50					VU ICP-OES	11/3/11 1:56 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T08-C	1	5.24E+03		5.24E+03	1.14	1.10	3.50					VU ICP-OES	11/3/11 1:58 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T09-C	1	7.10E+03		7.10E+03	0.44	1.10	3.50					VU ICP-OES	11/3/11 1:59 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	2.78	1.10	3.50					VU ICP-OES	11/3/11 12:57 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	2.99	1.10	3.50					VU ICP-OES	11/3/11 12:59 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	5.22	1.10	3.50					VU ICP-OES	11/3/11 1:00 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	7.41	1.10	3.50					VU ICP-OES	11/3/11 1:02 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	6.21	1.10	3.50					VU ICP-OES	11/3/11 1:04 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	1.02	1.10	3.50					VU ICP-OES	11/3/11 1:05 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	6.40	1.10	3.50					VU ICP-OES	11/3/11 1:07 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	4.16	1.10	3.50					VU ICP-OES	11/3/11 1:09 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	12.40	1.10	3.50					VU ICP-OES	11/3/11 1:10 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	SWA-LRef-1315-T01-A	1	3.96E+04		3.96E+04	0.51	2.50	8.00					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T02-A	1	1.18E+05		1.18E+05	0.95	2.50	8.00					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T03-A	1	6.92E+04		6.92E+04	0.38	2.50	8.00	10000	1000	7.01E+04	90%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T04-A	1	1.79E+05		1.79E+05	0.36	2.50	8.00					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T05-A	1	1.44E+05		1.44E+05	0.37	2.50	8.00					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T06-A	1	1.02E+05		1.02E+05	0.38	2.50	8.00					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T07-A	1	8.22E+04		8.22E+04	0.51	2.50	8.00					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T08-A	1	3.84E+04		3.84E+04	0.33	2.50	8.00					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T09-A	1	5.90E+04		5.90E+04	0.49	2.50	8.00					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T01-B	1	3.89E+04		3.89E+04	0.43	2.50	8.00					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T02-B	1	1.14E+05		1.14E+05	0.66	2.50	8.00					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T03-B	1	8.10E+04		8.10E+04	0.45	2.50	8.00	10000	1000	8.19E+04	96%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T04-B	1	1.86E+05		1.86E+05	0.15	2.50	8.00					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T05-B	1	1.39E+05		1.39E+05	0.43	2.50	8.00					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T06-B	1	1.02E+05		1.02E+05	0.06	2.50	8.00					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T07-B	1	8.16E+04		8.16E+04	0.33	2.50	8.00					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T08-B	1	3.86E+04		3.86E+04	0.23	2.50	8.00					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T09-B	1	5.80E+04		5.80E+04	0.53	2.50	8.00					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T01-C	1	2.88E+04		2.88E+04	0.46	2.50	8.00					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T02-C	1	1.19E+05		1.19E+05	0.15	2.50	8.00					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T03-C	1	8.28E+04		8.28E+04	1.28	2.50	8.00	10000	1000	8.36E+04	89%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T04-C	1	1.81E+05		1.81E+05	0.75	2.50	8.00					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T05-C	1	1.43E+05		1.43E+05	0.53	2.50	8.00					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T06-C	1	1.01E+05		1.01E+05	0.34	2.50	8.00					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T07-C	1	8.02E+04		8.02E+04	1.20	2.50	8.00					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T08-C	1	3.84E+04		3.84E+04	0.47	2.50	8.00					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T09-C	1	5.64E+04		5.64E+04	0.13	2.50	8.00					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-M01-A	1	2.32E+01		2.32E+01	4.27	2.50	8.00					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-M02-A	1	1.71E+01		1.71E+01	2.72	2.50	8.00					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-M03-A	1	1.85E+01		1.85E+01	8.84	2.50	8.00					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-M04-A	1	1.44E+01		1.44E+01	4.56	2.50	8.00					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-M05-A	1	1.02E+01		1.02E+01	6.39	2.50	8.00					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-M06-A	1	7.15E+00	E	7.15E+00	0.22	2.50	8.00					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-M07-A	1	9.65E+00		9.65E+00	2.03	2.50	8.00					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-M08-A	1	4.61E+00	E	4.61E+00	0.63	2.50	8.00					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-M09-A	1	4.91E+00	E	4.91E+00	2.07	2.50	8.00					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	SWA-LRef-1315-T01-A	1	7.81E+00		7.81E+00	4.65	1.00	3.18					VU ICP-OES	11/3/11 1:12 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T02-A	1	1.18E+02		1.18E+02	1.01	1.00	3.18					VU ICP-OES	11/3/11 1:14 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T03-A	1	1.05E+02		1.05E+02	0.36	1.00	3.18	10000	1000	1.20E+03	109%	VU ICP-OES	11/3/11 1:15 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T04-A	1	1.95E+02		1.95E+02	0.73	1.00	3.18					VU ICP-OES	11/3/11 1:17 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T05-A	1	2.15E+02		2.15E+02	1.22	1.00	3.18					VU ICP-OES	11/3/11 1:19 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T06-A	1	2.36E+02		2.36E+02	0.64	1.00	3.18					VU ICP-OES	11/3/11 1:20 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T07-A	1	2.59E+02		2.59E+02	0.64	1.00	3.18					VU ICP-OES	11/3/11 1:22 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T08-A	1	2.37E+02		2.37E+02	1.36	1.00	3.18					VU ICP-OES	11/3/11 1:24 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T09-A	1	2.68E+02		2.68E+02	0.71	1.00	3.18					VU ICP-OES	11/3/11 1:25 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T01-B	1	7.70E+00		7.70E+00	3.59	1.00	3.18					VU ICP-OES	11/3/11 1:27 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T02-B	1	1.14E+02		1.14E+02	0.57	1.00	3.18					VU ICP-OES	11/3/11 1:29 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T03-B	1	9.43E+01		9.43E+01	1.02	1.00	3.18	10000	1000	1.12E+03	103%	VU ICP-OES	11/3/11 1:30 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T04-B	1	1.96E+02		1.96E+02	0.82	1.00	3.18					VU ICP-OES	11/3/11 1:32 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T05-B	1	2.13E+02		2.13E+02	1.46	1.00	3.18					VU ICP-OES	11/3/11 1:34 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T06-B	1	2.38E+02		2.38E+02	0.90	1.00	3.18					VU ICP-OES	11/3/11 1:35 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T07-B	1	2.46E+02		2.46E+02	0.28	1.00	3.18					VU ICP-OES	11/3/11 1:37 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T08-B	1	2.33E+02		2.33E+02	0.92	1.00	3.18					VU ICP-OES	11/3/11 1:39 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T09-B	1	2.52E+02		2.52E+02	0.22	1.00	3.18					VU ICP-OES	11/3/11 1:40 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T01-C	1	8.13E+00		8.13E+00	4.89	1.00	3.18					VU ICP-OES	11/3/11 1:46 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T02-C	1	1.11E+02		1.11E+02	0.55	1.00	3.18					VU ICP-OES	11/3/11 1:48 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T03-C	1	1.04E+02		1.04E+02	0.86	1.00	3.18	10000	1000	1.15E+03	105%	VU ICP-OES	11/3/11 1:49 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T04-C	1	1.79E+02		1.79E+02	0.18	1.00	3.18					VU ICP-OES	11/3/11 1:51 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T05-C	1	2.17E+02		2.17E+02	1.62	1.00	3.18					VU ICP-OES	11/3/11 1:53 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T06-C	1	2.26E+02		2.26E+02	1.57	1.00	3.18					VU ICP-OES	11/3/11 1:54 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T07-C	1	2.54E+02		2.54E+02	0.81	1.00	3.18					VU ICP-OES	11/3/11 1:56 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T08-C	1	2.25E+02		2.25E+02	1.09	1.00	3.18					VU ICP-OES	11/3/11 1:58 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T09-C	1	2.43E+02		2.43E+02	0.48	1.00	3.18					VU ICP-OES	11/3/11 1:59 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	16.71	1.00	3.18					VU ICP-OES	11/3/11 12:57 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	18.41	1.00	3.18					VU ICP-OES	11/3/11 12:59 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	55.52	1.00	3.18					VU ICP-OES	11/3/11 1:00 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	57.84	1.00	3.18					VU ICP-OES	11/3/11 1:02 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	16.02	1.00	3.18					VU ICP-OES	11/3/11 1:04 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	0.20	1.00	3.18					VU ICP-OES	11/3/11 1:05 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	39.50	1.00	3.18					VU ICP-OES	11/3/11 1:07 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	33.39	1.00	3.18					VU ICP-OES	11/3/11 1:09 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	13.68	1.00	3.18					VU ICP-OES	11/3/11 1:10 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	SWA-LRef-1315-T01-A	1	4.04E+03		4.04E+03	0.97	6.80	21.60					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T02-A	1	1.42E+04		1.42E+04	1.04	6.80	21.60					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T03-A	1	6.98E+03		6.98E+03	1.37	6.80	21.60	10000	1000	7.83E+03	84%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T04-A	1	2.27E+04		2.27E+04	0.61	6.80	21.60					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T05-A	1	1.07E+04		1.07E+04	0.97	6.80	21.60					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T06-A	1	1.24E+04		1.24E+04	0.88	6.80	21.60					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T07-A	1	6.93E+03		6.93E+03	0.75	6.80	21.60					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T08-A	1	1.72E+03		1.72E+03	0.57	6.80	21.60					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T09-A	1	3.88E+03		3.88E+03	1.38	6.80	21.60					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T01-B	1	4.37E+03		4.37E+03	1.58	6.80	21.60					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T02-B	1	1.21E+04		1.21E+04	0.63	6.80	21.60					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T03-B	1	7.85E+03		7.85E+03	0.70	6.80	21.60	10000	1000	8.74E+03	89%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T04-B	1	1.87E+04		1.87E+04	0.40	6.80	21.60					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T05-B	1	9.43E+03		9.43E+03	0.86	6.80	21.60					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T06-B	1	8.68E+03		8.68E+03	0.57	6.80	21.60					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T07-B	1	5.35E+03		5.35E+03	0.18	6.80	21.60					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T08-B	1	1.64E+03		1.64E+03	1.03	6.80	21.60					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T09-B	1	3.47E+03		3.47E+03	0.93	6.80	21.60					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T01-C	1	2.45E+03		2.45E+03	0.58	6.80	21.60					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T02-C	1	1.43E+04		1.43E+04	0.63	6.80	21.60					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T03-C	1	7.96E+03		7.96E+03	2.12	6.80	21.60	10000	1000	8.79E+03	83%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T04-C	1	1.86E+04		1.86E+04	0.42	6.80	21.60					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T05-C	1	9.74E+03		9.74E+03	2.72	6.80	21.60					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T06-C	1	9.69E+03		9.69E+03	1.47	6.80	21.60					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T07-C	1	5.33E+03		5.33E+03	1.40	6.80	21.60					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T08-C	1	1.66E+03		1.66E+03	2.03	6.80	21.60					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T09-C	1	3.51E+03		3.51E+03	0.30	6.80	21.60					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	0.40	6.80	21.60					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	2.14	6.80	21.60					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	1.63	6.80	21.60					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	13.34	6.80	21.60					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	4.56	6.80	21.60					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	1.25	6.80	21.60					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	1.97	6.80	21.60					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	18.09	6.80	21.60					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	8.78	6.80	21.60					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	SWA-LRef-1315-T01-A	1	2.30E+00	U1/2	2.30E+00	90.75	4.60	14.60					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T02-A	1	2.30E+00	U1/2	2.30E+00	27.02	4.60	14.60					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T03-A	1	2.30E+00	U1/2	2.30E+00	22.83	4.60	14.60	10000	1000	9.72E+02	97%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T04-A	1	2.30E+00	U1/2	2.30E+00	31.87	4.60	14.60					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T05-A	1	2.30E+00	U1/2	2.30E+00	79.39	4.60	14.60					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T06-A	1	2.30E+00	U1/2	2.30E+00	41.08	4.60	14.60					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T07-A	1	2.30E+00	U1/2	2.30E+00	29.80	4.60	14.60					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T08-A	1	2.30E+00	U1/2	2.30E+00	25.45	4.60	14.60					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T09-A	1	2.30E+00	U1/2	2.30E+00	28.87	4.60	14.60					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T01-B	1	2.30E+00	U1/2	2.30E+00	41.67	4.60	14.60					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T02-B	1	2.30E+00	U1/2	2.30E+00	42.25	4.60	14.60					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T03-B	1	2.30E+00	U1/2	2.30E+00	91.17	4.60	14.60	10000	1000	1.01E+03	100%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T04-B	1	2.30E+00	U1/2	2.30E+00	17.23	4.60	14.60					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T05-B	1	2.30E+00	U1/2	2.30E+00	55.09	4.60	14.60					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T06-B	1	2.30E+00	U1/2	2.30E+00	61.73	4.60	14.60					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T07-B	1	2.30E+00	U1/2	2.30E+00	38.40	4.60	14.60					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T08-B	1	2.30E+00	U1/2	2.30E+00	21.80	4.60	14.60					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T09-B	1	2.30E+00	U1/2	2.30E+00	24.92	4.60	14.60					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T01-C	1	2.30E+00	U1/2	2.30E+00	29.76	4.60	14.60					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T02-C	1	2.30E+00	U1/2	2.30E+00	24.97	4.60	14.60					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T03-C	1	2.30E+00	U1/2	2.30E+00	13.08	4.60	14.60	10000	1000	9.50E+02	95%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T04-C	1	2.30E+00	U1/2	2.30E+00	49.20	4.60	14.60					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T05-C	1	2.30E+00	U1/2	2.30E+00	22.22	4.60	14.60					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T06-C	1	2.30E+00	U1/2	2.30E+00	45.68	4.60	14.60					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T07-C	1	2.30E+00	U1/2	2.30E+00	55.77	4.60	14.60					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T08-C	1	2.30E+00	U1/2	2.30E+00	33.73	4.60	14.60					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T09-C	1	2.30E+00	U1/2	2.30E+00	23.86	4.60	14.60					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	36.43	4.60	14.60					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	38.38	4.60	14.60					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	31.40	4.60	14.60					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	58.58	4.60	14.60					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	41.50	4.60	14.60					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	4.53	4.60	14.60					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	21.63	4.60	14.60					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	5.89	4.60	14.60					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	24.51	4.60	14.60					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	SWA-LRef-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	41.73	2.00	6.40					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	77.53	2.00	6.40					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	53.20	2.00	6.40	10000	1000	9.73E+02	97%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	17.02	2.00	6.40					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	44.15	2.00	6.40					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	15.46	2.00	6.40					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	16.78	2.00	6.40					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	67.87	2.00	6.40					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	1.41	2.00	6.40					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	21.78	2.00	6.40					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	19.37	2.00	6.40					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	63.64	2.00	6.40	10000	1000	9.73E+02	97%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	43.56	2.00	6.40					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	63.14	2.00	6.40					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	22.82	2.00	6.40					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	12.29	2.00	6.40					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	60.37	2.00	6.40					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	59.54	2.00	6.40					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	14.67	2.00	6.40					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	22.18	2.00	6.40					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	62.73	2.00	6.40	10000	1000	9.42E+02	94%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	26.85	2.00	6.40					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	25.20	2.00	6.40					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	62.66	2.00	6.40					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	29.29	2.00	6.40					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	14.27	2.00	6.40					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	16.94	2.00	6.40					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	11.01	2.00	6.40					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	22.84	2.00	6.40					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	46.07	2.00	6.40					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	43.04	2.00	6.40					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	20.94	2.00	6.40					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	62.48	2.00	6.40					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	35.16	2.00	6.40					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	22.64	2.00	6.40					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	11.17	2.00	6.40					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	SWA-LRef-1315-T01-A	1	1.08E+01		1.08E+01	4.56	1.50	4.77					VU ICP-OES	11/3/11 1:12 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T02-A	1	1.79E+01		1.79E+01	2.04	1.50	4.77					VU ICP-OES	11/3/11 1:14 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T03-A	1	1.09E+01		1.09E+01	11.32	1.50	4.77	10000	1000	1.01E+03	100%	VU ICP-OES	11/3/11 1:15 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T04-A	1	1.89E+01		1.89E+01	4.85	1.50	4.77					VU ICP-OES	11/3/11 1:17 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T05-A	1	2.25E+01		2.25E+01	2.80	1.50	4.77					VU ICP-OES	11/3/11 1:19 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T06-A	1	1.98E+01		1.98E+01	4.14	1.50	4.77					VU ICP-OES	11/3/11 1:20 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T07-A	1	1.74E+01		1.74E+01	0.85	1.50	4.77					VU ICP-OES	11/3/11 1:22 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T08-A	1	1.32E+01		1.32E+01	2.79	1.50	4.77					VU ICP-OES	11/3/11 1:24 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T09-A	1	1.79E+01		1.79E+01	3.08	1.50	4.77					VU ICP-OES	11/3/11 1:25 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T01-B	1	1.24E+01		1.24E+01	1.88	1.50	4.77					VU ICP-OES	11/3/11 1:27 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T02-B	1	1.82E+01		1.82E+01	1.38	1.50	4.77					VU ICP-OES	11/3/11 1:29 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T03-B	1	1.12E+01		1.12E+01	4.79	1.50	4.77	10000	1000	1.01E+03	100%	VU ICP-OES	11/3/11 1:30 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T04-B	1	1.97E+01		1.97E+01	2.05	1.50	4.77					VU ICP-OES	11/3/11 1:32 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T05-B	1	1.61E+01		1.61E+01	0.99	1.50	4.77					VU ICP-OES	11/3/11 1:34 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T06-B	1	1.88E+01		1.88E+01	3.90	1.50	4.77					VU ICP-OES	11/3/11 1:35 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T07-B	1	1.68E+01		1.68E+01	6.16	1.50	4.77					VU ICP-OES	11/3/11 1:37 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T08-B	1	1.21E+01		1.21E+01	8.54	1.50	4.77					VU ICP-OES	11/3/11 1:39 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T09-B	1	1.55E+01		1.55E+01	3.11	1.50	4.77					VU ICP-OES	11/3/11 1:40 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T01-C	1	1.18E+01		1.18E+01	5.46	1.50	4.77					VU ICP-OES	11/3/11 1:46 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T02-C	1	1.88E+01		1.88E+01	7.27	1.50	4.77					VU ICP-OES	11/3/11 1:48 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T03-C	1	1.19E+01		1.19E+01	5.33	1.50	4.77	10000	1000	9.80E+02	97%	VU ICP-OES	11/3/11 1:49 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T04-C	1	2.09E+01		2.09E+01	3.12	1.50	4.77					VU ICP-OES	11/3/11 1:51 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T05-C	1	1.83E+01		1.83E+01	6.13	1.50	4.77					VU ICP-OES	11/3/11 1:53 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T06-C	1	2.03E+01		2.03E+01	5.34	1.50	4.77					VU ICP-OES	11/3/11 1:54 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T07-C	1	1.52E+01		1.52E+01	3.46	1.50	4.77					VU ICP-OES	11/3/11 1:56 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T08-C	1	1.28E+01		1.28E+01	8.09	1.50	4.77					VU ICP-OES	11/3/11 1:58 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T09-C	1	1.60E+01		1.60E+01	6.29	1.50	4.77					VU ICP-OES	11/3/11 1:59 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	42.75	1.50	4.77					VU ICP-OES	11/3/11 12:57 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	38.27	1.50	4.77					VU ICP-OES	11/3/11 12:59 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	29.48	1.50	4.77					VU ICP-OES	11/3/11 1:00 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	55.38	1.50	4.77					VU ICP-OES	11/3/11 1:02 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	13.38	1.50	4.77					VU ICP-OES	11/3/11 1:04 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	6.34	1.50	4.77					VU ICP-OES	11/3/11 1:05 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	40.73	1.50	4.77					VU ICP-OES	11/3/11 1:07 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	33.12	1.50	4.77					VU ICP-OES	11/3/11 1:09 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	19.20	1.50	4.77					VU ICP-OES	11/3/11 1:10 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	SWA-LRef-1315-T01-A	1	2.11E+00	E	2.11E+00	1.67	1.00	3.18					VU ICP-OES	3/14/11 4:17 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T02-A	1	1.91E+01		1.91E+01	0.91	1.00	3.18					VU ICP-OES	3/14/11 4:19 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T03-A	1	1.50E+01		1.50E+01	0.27	1.00	3.18	10000	1000	9.72E+02	96%	VU ICP-OES	3/14/11 4:20 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T04-A	1	1.45E+01		1.45E+01	0.24	1.00	3.18					VU ICP-OES	3/14/11 4:22 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T05-A	1	1.33E+01		1.33E+01	4.00	1.00	3.18					VU ICP-OES	3/14/11 4:24 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T06-A	1	1.45E+01		1.45E+01	0.62	1.00	3.18					VU ICP-OES	3/14/11 4:25 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T07-A	1	1.77E+00	E	1.77E+00	3.74	1.00	3.18					VU ICP-OES	3/14/11 4:27 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T08-A	1	2.06E+00	E	2.06E+00	7.06	1.00	3.18					VU ICP-OES	3/14/11 4:28 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T09-A	1	1.86E+01		1.86E+01	0.46	1.00	3.18					VU ICP-OES	3/14/11 4:30 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T01-B	1	1.65E+00	E	1.65E+00	13.83	1.00	3.18					VU ICP-OES	3/14/11 4:32 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T02-B	1	3.51E+00		3.51E+00	0.69	1.00	3.18					VU ICP-OES	3/14/11 4:33 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T03-B	1	1.47E+01		1.47E+01	0.80	1.00	3.18	10000	1000	1.05E+03	104%	VU ICP-OES	3/14/11 4:35 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T04-B	1	1.45E+01		1.45E+01	0.76	1.00	3.18					VU ICP-OES	3/14/11 4:37 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T05-B	1	1.23E+01		1.23E+01	2.61	1.00	3.18					VU ICP-OES	3/14/11 4:38 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T06-B	1	1.47E+01		1.47E+01	1.84	1.00	3.18					VU ICP-OES	3/14/11 4:40 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T07-B	1	5.00E-01	U1/2	5.00E-01	11.61	1.00	3.18					VU ICP-OES	3/14/11 4:42 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T08-B	1	5.00E-01	U1/2	5.00E-01	7.90	1.00	3.18					VU ICP-OES	3/14/11 4:43 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T09-B	1	1.37E+01		1.37E+01	3.55	1.00	3.18					VU ICP-OES	3/14/11 4:45 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T01-C	1	5.00E-01	U1/2	5.00E-01	12.42	1.00	3.18					VU ICP-OES	3/15/11 10:28 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T02-C	1	2.62E+00	E	2.62E+00	1.28	1.00	3.18					VU ICP-OES	3/15/11 10:30 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T03-C	1	1.45E+01		1.45E+01	1.08	1.00	3.18	10000	1000	9.48E+02	93%	VU ICP-OES	3/15/11 10:32 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T04-C	1	1.46E+01		1.46E+01	1.29	1.00	3.18					VU ICP-OES	3/15/11 10:33 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T05-C	1	1.40E+01		1.40E+01	1.40	1.00	3.18					VU ICP-OES	3/15/11 10:35 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T06-C	1	1.41E+01		1.41E+01	1.65	1.00	3.18					VU ICP-OES	3/15/11 10:37 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T07-C	1	1.75E+00	E	1.75E+00	11.37	1.00	3.18					VU ICP-OES	3/15/11 10:38 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T08-C	1	2.07E+00	E	2.07E+00	7.43	1.00	3.18					VU ICP-OES	3/15/11 10:40 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T09-C	1	1.06E+01		1.06E+01	1.09	1.00	3.18					VU ICP-OES	3/15/11 10:41 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	0.26	1.00	3.18					VU ICP-OES	3/14/11 2:57 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	20.82	1.00	3.18					VU ICP-OES	3/14/11 3:30 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	0.57	1.00	3.18					VU ICP-OES	3/14/11 2:58 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.28	1.00	3.18					VU ICP-OES	3/14/11 3:00 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	0.31	1.00	3.18					VU ICP-OES	3/14/11 3:01 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	2.65	1.00	3.18					VU ICP-OES	3/14/11 3:24 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	12.79	1.00	3.18					VU ICP-OES	3/14/11 3:25 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	23.77	1.00	3.18					VU ICP-OES	3/14/11 3:27 PM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	4.36	1.00	3.18					VU ICP-OES	3/14/11 3:29 PM	EPA Interlab LRef 1315 SWA

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	SWA-LRef-1315-T01-D	1	1.49E+03		1.49E+03	3.52	1.00	3.18					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T02-D	1	3.92E+03		3.92E+03	2.46	1.00	3.18					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T03-D	1	2.88E+03		2.88E+03	0.24	1.00	3.18	10000	1000	3.83E+03	95%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T04-D	1	4.59E+03		4.59E+03	2.26	1.00	3.18					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T05-D	1	5.64E+03		5.64E+03	2.14	1.00	3.18					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T06-D	1	4.44E+03		4.44E+03	1.11	1.00	3.18					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T07-D	1	3.81E+03		3.81E+03	2.30	1.00	3.18					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T08-D	1	2.21E+03		2.21E+03	1.43	1.00	3.18					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T09-D	1	2.78E+03		2.78E+03	1.57	1.00	3.18					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T01-E	1	1.27E+03		1.27E+03	14.88	1.00	3.18					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T02-E	1	3.87E+03		3.87E+03	1.71	1.00	3.18					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T03-E	1	2.81E+03		2.81E+03	2.02	1.00	3.18	10000	1000	3.73E+03	92%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T04-E	1	5.90E+03		5.90E+03	3.04	1.00	3.18					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T05-E	1	4.74E+03		4.74E+03	1.88	1.00	3.18					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T06-E	1	4.58E+03		4.58E+03	3.72	1.00	3.18					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T07-E	1	3.49E+03		3.49E+03	1.09	1.00	3.18					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T08-E	1	2.36E+03		2.36E+03	4.78	1.00	3.18					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T09-E	1	3.17E+03		3.17E+03	2.69	1.00	3.18					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T01-F	1	7.53E+02		7.53E+02	12.48	1.00	3.18					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T02-F	1	3.63E+03		3.63E+03	2.13	1.00	3.18					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T03-F	1	2.54E+03		2.54E+03	2.62	1.00	3.18	10000	1000	3.58E+03	104%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T04-F	1	4.61E+03		4.61E+03	1.71	1.00	3.18					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T05-F	1	4.21E+03		4.21E+03	2.23	1.00	3.18					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T06-F	1	4.39E+03		4.39E+03	2.52	1.00	3.18					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T07-F	1	3.30E+03		3.30E+03	6.25	1.00	3.18					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T08-F	1	2.17E+03		2.17E+03	5.94	1.00	3.18					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Al	SWA-LRef-1315-T09-F	1	2.81E+03		2.81E+03	3.56	1.00	3.18					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	SWA-LRef-1315-T01-D	1	1.27E+02		1.27E+02	3.52	7.50	23.90					VU ICP-OES	11/3/11 2:01 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T02-D	1	4.41E+02		4.41E+02	2.46	7.50	23.90					VU ICP-OES	11/3/11 2:02 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T03-D	1	3.04E+02		3.04E+02	0.24	7.50	23.90	10000	1000	1.34E+03	104%	VU ICP-OES	11/3/11 2:04 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T04-D	1	4.45E+02		4.45E+02	2.26	7.50	23.90					VU ICP-OES	11/3/11 2:06 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T05-D	1	4.41E+02		4.41E+02	2.14	7.50	23.90					VU ICP-OES	11/3/11 2:07 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T06-D	1	4.53E+02		4.53E+02	1.11	7.50	23.90					VU ICP-OES	11/3/11 2:09 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T07-D	1	3.63E+02		3.63E+02	2.30	7.50	23.90					VU ICP-OES	11/3/11 2:11 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T08-D	1	2.67E+02		2.67E+02	1.43	7.50	23.90					VU ICP-OES	11/3/11 2:12 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T09-D	1	2.41E+02		2.41E+02	1.57	7.50	23.90					VU ICP-OES	11/3/11 2:14 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T01-E	1	1.23E+02		1.23E+02	14.88	7.50	23.90					VU ICP-OES	11/3/11 2:19 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T02-E	1	4.27E+02		4.27E+02	1.71	7.50	23.90					VU ICP-OES	11/3/11 2:21 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T03-E	1	2.82E+02		2.82E+02	2.02	7.50	23.90	10000	1000	1.23E+03	95%	VU ICP-OES	11/3/11 2:22 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T04-E	1	4.57E+02		4.57E+02	3.04	7.50	23.90					VU ICP-OES	11/3/11 2:24 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T05-E	1	4.52E+02		4.52E+02	1.88	7.50	23.90					VU ICP-OES	11/3/11 2:26 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T06-E	1	4.82E+02		4.82E+02	3.72	7.50	23.90					VU ICP-OES	11/3/11 2:27 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T07-E	1	3.70E+02		3.70E+02	1.09	7.50	23.90					VU ICP-OES	11/3/11 2:29 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T08-E	1	3.00E+02		3.00E+02	4.78	7.50	23.90					VU ICP-OES	11/3/11 2:31 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T09-E	1	2.42E+02		2.42E+02	2.69	7.50	23.90					VU ICP-OES	11/3/11 2:32 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T01-F	1	7.22E+01		7.22E+01	12.48	7.50	23.90					VU ICP-OES	11/3/11 2:34 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T02-F	1	4.46E+02		4.46E+02	2.13	7.50	23.90					VU ICP-OES	11/3/11 2:36 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T03-F	1	2.66E+02		2.66E+02	2.62	7.50	23.90	10000	1000	1.22E+03	95%	VU ICP-OES	11/3/11 2:37 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T04-F	1	4.57E+02		4.57E+02	1.71	7.50	23.90					VU ICP-OES	11/3/11 2:39 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T05-F	1	4.38E+02		4.38E+02	2.23	7.50	23.90					VU ICP-OES	11/3/11 2:41 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T06-F	1	5.11E+02		5.11E+02	2.52	7.50	23.90					VU ICP-OES	11/3/11 2:42 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T07-F	1	3.41E+02		3.41E+02	6.25	7.50	23.90					VU ICP-OES	11/3/11 2:44 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T08-F	1	2.63E+02		2.63E+02	5.94	7.50	23.90					VU ICP-OES	11/3/11 2:46 PM	EPA Interlab LRef 1315 SWA
Sb	SWA-LRef-1315-T09-F	1	2.24E+02		2.24E+02	3.56	7.50	23.90					VU ICP-OES	11/3/11 2:47 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	SWA-LRef-1315-T01-D	1	1.20E+02		1.20E+02	4.81	11.00	35.00					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T02-D	1	1.55E+02		1.55E+02	2.80	11.00	35.00					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T03-D	1	1.64E+02		1.64E+02	6.21	11.00	35.00	10000	1000	1.19E+03	103%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T04-D	1	1.98E+02		1.98E+02	2.49	11.00	35.00					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T05-D	1	2.11E+02		2.11E+02	1.92	11.00	35.00					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T06-D	1	1.64E+02		1.64E+02	0.86	11.00	35.00					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T07-D	1	1.57E+02		1.57E+02	0.27	11.00	35.00					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T08-D	1	7.92E+01		7.92E+01	12.37	11.00	35.00					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T09-D	1	1.20E+02		1.20E+02	5.78	11.00	35.00					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T01-E	1	1.07E+02		1.07E+02	6.35	11.00	35.00					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T02-E	1	2.69E+02		2.69E+02	2.04	11.00	35.00					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T03-E	1	2.00E+02		2.00E+02	1.67	11.00	35.00	10000	1000	1.09E+03	89%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T04-E	1	4.23E+02		4.23E+02	3.53	11.00	35.00					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T05-E	1	2.24E+02		2.24E+02	2.79	11.00	35.00					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T06-E	1	1.74E+02		1.74E+02	3.59	11.00	35.00					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T07-E	1	1.36E+02		1.36E+02	2.57	11.00	35.00					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T08-E	1	9.74E+01		9.74E+01	6.80	11.00	35.00					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T09-E	1	1.14E+02		1.14E+02	8.15	11.00	35.00					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T01-F	1	8.45E+01		8.45E+01	2.55	11.00	35.00					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T02-F	1	1.51E+02		1.51E+02	4.83	11.00	35.00					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T03-F	1	1.32E+02		1.32E+02	2.68	11.00	35.00	10000	1000	1.16E+03	103%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T04-F	1	2.09E+02		2.09E+02	2.26	11.00	35.00					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T05-F	1	1.62E+02		1.62E+02	2.99	11.00	35.00					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T06-F	1	1.66E+02		1.66E+02	3.96	11.00	35.00					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T07-F	1	1.23E+02		1.23E+02	4.28	11.00	35.00					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T08-F	1	8.09E+01		8.09E+01	6.81	11.00	35.00					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
As	SWA-LRef-1315-T09-F	1	1.13E+02		1.13E+02	5.66	11.00	35.00					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	SWA-LRef-1315-T01-D	1	5.29E+01		5.29E+01	2.66	1.00	3.18					VU ICP-OES	11/3/11 2:01 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T02-D	1	9.03E+01		9.03E+01	11.48	1.00	3.18					VU ICP-OES	11/3/11 2:02 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T03-D	1	4.40E+01		4.40E+01	0.38	1.00	3.18	10000	1000	1.05E+03	101%	VU ICP-OES	11/3/11 2:04 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T04-D	1	6.22E+01		6.22E+01	2.96	1.00	3.18					VU ICP-OES	11/3/11 2:06 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T05-D	1	6.81E+01		6.81E+01	1.30	1.00	3.18					VU ICP-OES	11/3/11 2:07 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T06-D	1	7.82E+01		7.82E+01	4.61	1.00	3.18					VU ICP-OES	11/3/11 2:09 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T07-D	1	8.38E+01		8.38E+01	3.68	1.00	3.18					VU ICP-OES	11/3/11 2:11 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T08-D	1	7.48E+01		7.48E+01	3.38	1.00	3.18					VU ICP-OES	11/3/11 2:12 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T09-D	1	4.68E+01		4.68E+01	3.09	1.00	3.18					VU ICP-OES	11/3/11 2:14 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T01-E	1	4.39E+01		4.39E+01	4.81	1.00	3.18					VU ICP-OES	11/3/11 2:19 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T02-E	1	9.20E+01		9.20E+01	3.00	1.00	3.18					VU ICP-OES	11/3/11 2:21 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T03-E	1	4.78E+01		4.78E+01	1.48	1.00	3.18	10000	1000	9.69E+02	92%	VU ICP-OES	11/3/11 2:22 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T04-E	1	6.12E+01		6.12E+01	1.86	1.00	3.18					VU ICP-OES	11/3/11 2:24 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T05-E	1	5.37E+01		5.37E+01	3.79	1.00	3.18					VU ICP-OES	11/3/11 2:26 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T06-E	1	8.16E+01		8.16E+01	2.40	1.00	3.18					VU ICP-OES	11/3/11 2:27 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T07-E	1	7.28E+01		7.28E+01	1.78	1.00	3.18					VU ICP-OES	11/3/11 2:29 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T08-E	1	6.84E+01		6.84E+01	1.48	1.00	3.18					VU ICP-OES	11/3/11 2:31 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T09-E	1	4.59E+01		4.59E+01	1.82	1.00	3.18					VU ICP-OES	11/3/11 2:32 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T01-F	1	3.95E+01		3.95E+01	1.94	1.00	3.18					VU ICP-OES	11/3/11 2:34 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T02-F	1	9.24E+01		9.24E+01	1.84	1.00	3.18					VU ICP-OES	11/3/11 2:36 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T03-F	1	4.37E+01		4.37E+01	4.53	1.00	3.18	10000	1000	1.04E+03	99%	VU ICP-OES	11/3/11 2:37 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T04-F	1	7.17E+01		7.17E+01	3.92	1.00	3.18					VU ICP-OES	11/3/11 2:39 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T05-F	1	5.65E+01		5.65E+01	1.35	1.00	3.18					VU ICP-OES	11/3/11 2:41 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T06-F	1	8.24E+01		8.24E+01	2.07	1.00	3.18					VU ICP-OES	11/3/11 2:42 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T07-F	1	7.54E+01		7.54E+01	0.83	1.00	3.18					VU ICP-OES	11/3/11 2:44 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T08-F	1	7.37E+01		7.37E+01	2.83	1.00	3.18					VU ICP-OES	11/3/11 2:46 PM	EPA Interlab LRef 1315 SWA
B	SWA-LRef-1315-T09-F	1	4.79E+01		4.79E+01	2.38	1.00	3.18					VU ICP-OES	11/3/11 2:47 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	SWA-LRef-1315-T01-D	1	1.86E+01		1.86E+01	0.07	1.00	3.18					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T02-D	1	2.01E+02		2.01E+02	1.68	1.00	3.18					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T03-D	1	2.66E+02		2.66E+02	0.72	1.00	3.18	10000	1000	1.29E+03	102%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T04-D	1	4.22E+02		4.22E+02	0.50	1.00	3.18					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T05-D	1	3.52E+02		3.52E+02	0.24	1.00	3.18					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T06-D	1	4.71E+02		4.71E+02	0.41	1.00	3.18					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T07-D	1	3.85E+02		3.85E+02	0.56	1.00	3.18					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T08-D	1	4.21E+02		4.21E+02	1.41	1.00	3.18					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T09-D	1	3.44E+02		3.44E+02	0.53	1.00	3.18					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T01-E	1	1.70E+01		1.70E+01	0.42	1.00	3.18					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T02-E	1	4.03E+02		4.03E+02	0.91	1.00	3.18					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T03-E	1	1.99E+02		1.99E+02	0.55	1.00	3.18	10000	1000	1.15E+03	96%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T04-E	1	2.93E+02		2.93E+02	0.75	1.00	3.18					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T05-E	1	3.17E+02		3.17E+02	0.24	1.00	3.18					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T06-E	1	5.05E+02		5.05E+02	1.88	1.00	3.18					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T07-E	1	4.45E+02		4.45E+02	1.25	1.00	3.18					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T08-E	1	4.06E+02		4.06E+02	1.37	1.00	3.18					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T09-E	1	4.18E+02		4.18E+02	0.59	1.00	3.18					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T01-F	1	1.54E+01		1.54E+01	0.22	1.00	3.18					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T02-F	1	1.91E+02		1.91E+02	0.42	1.00	3.18					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T03-F	1	1.93E+02		1.93E+02	0.23	1.00	3.18	10000	1000	1.27E+03	107%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T04-F	1	3.38E+02		3.38E+02	0.99	1.00	3.18					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T05-F	1	4.03E+02		4.03E+02	1.64	1.00	3.18					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T06-F	1	5.68E+02		5.68E+02	6.89	1.00	3.18					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T07-F	1	5.35E+02		5.35E+02	0.78	1.00	3.18					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T08-F	1	4.84E+02		4.84E+02	0.61	1.00	3.18					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Ba	SWA-LRef-1315-T09-F	1	4.35E+02		4.35E+02	0.46	1.00	3.18					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	SWA-LRef-1315-T01-D	1	9.50E-01	U1/2	9.50E-01	58.07	1.90	6.00					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T02-D	1	9.50E-01	U1/2	9.50E-01	24.43	1.90	6.00					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T03-D	1	9.50E-01	U1/2	9.50E-01	48.99	1.90	6.00	10000	1000	1.04E+03	104%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T04-D	1	9.50E-01	U1/2	9.50E-01	24.16	1.90	6.00					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T05-D	1	9.50E-01	U1/2	9.50E-01	15.51	1.90	6.00					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T06-D	1	9.50E-01	U1/2	9.50E-01	43.06	1.90	6.00					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T07-D	1	9.50E-01	U1/2	9.50E-01	42.51	1.90	6.00					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T08-D	1	9.50E-01	U1/2	9.50E-01	73.41	1.90	6.00					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T09-D	1	9.50E-01	U1/2	9.50E-01	36.07	1.90	6.00					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T01-E	1	9.50E-01	U1/2	9.50E-01	3.75	1.90	6.00					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T02-E	1	9.50E-01	U1/2	9.50E-01	19.72	1.90	6.00					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T03-E	1	9.50E-01	U1/2	9.50E-01	14.60	1.90	6.00	10000	1000	9.84E+02	98%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T04-E	1	9.50E-01	U1/2	9.50E-01	11.44	1.90	6.00					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T05-E	1	9.50E-01	U1/2	9.50E-01	31.82	1.90	6.00					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T06-E	1	9.50E-01	U1/2	9.50E-01	62.56	1.90	6.00					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T07-E	1	9.50E-01	U1/2	9.50E-01	77.94	1.90	6.00					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T08-E	1	9.50E-01	U1/2	9.50E-01	32.41	1.90	6.00					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T09-E	1	9.50E-01	U1/2	9.50E-01	41.01	1.90	6.00					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T01-F	1	9.50E-01	U1/2	9.50E-01	43.54	1.90	6.00					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T02-F	1	9.50E-01	U1/2	9.50E-01	12.31	1.90	6.00					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T03-F	1	9.50E-01	U1/2	9.50E-01	38.82	1.90	6.00	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T04-F	1	9.50E-01	U1/2	9.50E-01	55.97	1.90	6.00					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T05-F	1	9.50E-01	U1/2	9.50E-01	44.26	1.90	6.00					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T06-F	1	9.50E-01	U1/2	9.50E-01	62.09	1.90	6.00					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T07-F	1	9.50E-01	U1/2	9.50E-01	36.30	1.90	6.00					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T08-F	1	9.50E-01	U1/2	9.50E-01	40.77	1.90	6.00					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Be	SWA-LRef-1315-T09-F	1	9.50E-01	U1/2	9.50E-01	72.36	1.90	6.00					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	SWA-LRef-1315-T01-D	1	1.10E+00	U1/2	1.10E+00	47.87	2.20	7.00					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T02-D	1	1.10E+00	U1/2	1.10E+00	29.44	2.20	7.00					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T03-D	1	1.10E+00	U1/2	1.10E+00	47.76	2.20	7.00	10000	1000	1.05E+03	105%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T04-D	1	1.10E+00	U1/2	1.10E+00	29.45	2.20	7.00					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T05-D	1	1.10E+00	U1/2	1.10E+00	61.03	2.20	7.00					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T06-D	1	1.10E+00	U1/2	1.10E+00	41.15	2.20	7.00					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T07-D	1	1.10E+00	U1/2	1.10E+00	37.77	2.20	7.00					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T08-D	1	1.10E+00	U1/2	1.10E+00	40.60	2.20	7.00					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T09-D	1	1.10E+00	U1/2	1.10E+00	30.33	2.20	7.00					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T01-E	1	1.10E+00	U1/2	1.10E+00	51.20	2.20	7.00					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T02-E	1	1.10E+00	U1/2	1.10E+00	51.43	2.20	7.00					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T03-E	1	1.10E+00	U1/2	1.10E+00	30.23	2.20	7.00	10000	1000	9.71E+02	97%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T04-E	1	1.10E+00	U1/2	1.10E+00	23.64	2.20	7.00					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T05-E	1	1.10E+00	U1/2	1.10E+00	29.12	2.20	7.00					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T06-E	1	1.10E+00	U1/2	1.10E+00	55.79	2.20	7.00					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T07-E	1	1.10E+00	U1/2	1.10E+00	29.19	2.20	7.00					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T08-E	1	1.10E+00	U1/2	1.10E+00	65.52	2.20	7.00					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T09-E	1	1.10E+00	U1/2	1.10E+00	92.90	2.20	7.00					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T01-F	1	1.10E+00	U1/2	1.10E+00	53.11	2.20	7.00					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T02-F	1	1.10E+00	U1/2	1.10E+00	48.01	2.20	7.00					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T03-F	1	1.10E+00	U1/2	1.10E+00	47.08	2.20	7.00	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T04-F	1	1.10E+00	U1/2	1.10E+00	66.52	2.20	7.00					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T05-F	1	1.10E+00	U1/2	1.10E+00	32.91	2.20	7.00					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T06-F	1	1.10E+00	U1/2	1.10E+00	63.83	2.20	7.00					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T07-F	1	1.10E+00	U1/2	1.10E+00	73.97	2.20	7.00					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T08-F	1	1.10E+00	U1/2	1.10E+00	9.08	2.20	7.00					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Cd	SWA-LRef-1315-T09-F	1	1.10E+00	U1/2	1.10E+00	35.68	2.20	7.00					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	SWA-LRef-1315-T01-D	1	2.33E+03		2.33E+03	0.81	2.60	8.30					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T02-D	1	1.45E+04		1.45E+04	7.28	2.60	8.30					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T03-D	1	1.47E+04		1.47E+04	0.45	2.60	8.30	10000	1000	1.56E+04	91%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T04-D	1	2.36E+04		2.36E+04	0.52	2.60	8.30					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T05-D	1	3.08E+04		3.08E+04	0.08	2.60	8.30					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T06-D	1	2.78E+04		2.78E+04	0.84	2.60	8.30					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T07-D	1	2.14E+04		2.14E+04	0.57	2.60	8.30					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T08-D	1	2.33E+04		2.33E+04	1.26	2.60	8.30					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T09-D	1	2.07E+04		2.07E+04	1.01	2.60	8.30					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T01-E	1	2.11E+03		2.11E+03	0.64	2.60	8.30					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T02-E	1	1.21E+04		1.21E+04	0.33	2.60	8.30					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T03-E	1	1.32E+04		1.32E+04	0.43	2.60	8.30	10000	1000	1.41E+04	88%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T04-E	1	3.01E+04		3.01E+04	0.72	2.60	8.30					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T05-E	1	2.49E+04		2.49E+04	0.38	2.60	8.30					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T06-E	1	2.84E+04		2.84E+04	0.80	2.60	8.30					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T07-E	1	2.68E+04		2.68E+04	0.28	2.60	8.30					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T08-E	1	2.23E+04		2.23E+04	1.61	2.60	8.30					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T09-E	1	2.39E+04		2.39E+04	0.83	2.60	8.30					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T01-F	1	1.19E+03		1.19E+03	1.34	2.60	8.30					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T02-F	1	1.40E+04		1.40E+04	0.42	2.60	8.30					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T03-F	1	1.45E+04		1.45E+04	0.37	2.60	8.30	10000	1000	1.55E+04	93%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T04-F	1	2.45E+04		2.45E+04	1.04	2.60	8.30					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T05-F	1	2.61E+04		2.61E+04	1.65	2.60	8.30					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T06-F	1	2.96E+04		2.96E+04	0.96	2.60	8.30					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T07-F	1	2.77E+04		2.77E+04	0.49	2.60	8.30					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T08-F	1	2.35E+04		2.35E+04	0.42	2.60	8.30					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Ca	SWA-LRef-1315-T09-F	1	2.35E+04		2.35E+04	0.36	2.60	8.30					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	SWA-LRef-1315-T01-D	1	2.33E+01		2.33E+01	2.07	1.20	3.82					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T02-D	1	4.80E+01		4.80E+01	8.37	1.20	3.82					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T03-D	1	2.43E+01		2.43E+01	2.09	1.20	3.82	10000	1000	1.06E+03	104%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T04-D	1	3.79E+01		3.79E+01	1.82	1.20	3.82					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T05-D	1	6.39E+01		6.39E+01	1.24	1.20	3.82					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T06-D	1	5.73E+01		5.73E+01	0.39	1.20	3.82					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T07-D	1	5.03E+01		5.03E+01	1.01	1.20	3.82					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T08-D	1	3.52E+01		3.52E+01	0.19	1.20	3.82					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T09-D	1	4.59E+01		4.59E+01	0.80	1.20	3.82					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T01-E	1	3.38E+01		3.38E+01	1.11	1.20	3.82					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T02-E	1	5.25E+01		5.25E+01	0.84	1.20	3.82					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T03-E	1	2.56E+01		2.56E+01	3.00	1.20	3.82	10000	1000	9.96E+02	97%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T04-E	1	3.83E+01		3.83E+01	2.11	1.20	3.82					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T05-E	1	4.83E+01		4.83E+01	0.50	1.20	3.82					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T06-E	1	5.61E+01		5.61E+01	0.52	1.20	3.82					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T07-E	1	4.72E+01		4.72E+01	0.79	1.20	3.82					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T08-E	1	3.68E+01		3.68E+01	1.21	1.20	3.82					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T09-E	1	4.70E+01		4.70E+01	2.20	1.20	3.82					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T01-F	1	1.75E+01		1.75E+01	3.02	1.20	3.82					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T02-F	1	4.57E+01		4.57E+01	1.63	1.20	3.82					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T03-F	1	2.82E+01		2.82E+01	0.98	1.20	3.82	10000	1000	1.02E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T04-F	1	4.26E+01		4.26E+01	0.97	1.20	3.82					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T05-F	1	4.10E+01		4.10E+01	0.26	1.20	3.82					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T06-F	1	4.09E+01		4.09E+01	3.33	1.20	3.82					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T07-F	1	4.43E+01		4.43E+01	0.53	1.20	3.82					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T08-F	1	3.28E+01		3.28E+01	2.60	1.20	3.82					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Cr	SWA-LRef-1315-T09-F	1	4.44E+01		4.44E+01	1.50	1.20	3.82					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	SWA-LRef-1315-T01-D	1	9.00E-01	U1/2	9.00E-01	59.85	1.80	5.72					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T02-D	1	9.00E-01	U1/2	9.00E-01	29.07	1.80	5.72					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T03-D	1	9.00E-01	U1/2	9.00E-01	25.56	1.80	5.72	10000	1000	1.01E+03	100%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T04-D	1	9.00E-01	U1/2	9.00E-01	41.54	1.80	5.72					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T05-D	1	9.00E-01	U1/2	9.00E-01	26.21	1.80	5.72					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T06-D	1	9.00E-01	U1/2	9.00E-01	29.55	1.80	5.72					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T07-D	1	9.00E-01	U1/2	9.00E-01	62.04	1.80	5.72					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T08-D	1	9.00E-01	U1/2	9.00E-01	49.82	1.80	5.72					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T09-D	1	9.00E-01	U1/2	9.00E-01	12.46	1.80	5.72					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T01-E	1	9.00E-01	U1/2	9.00E-01	51.68	1.80	5.72					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T02-E	1	9.00E-01	U1/2	9.00E-01	66.76	1.80	5.72					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T03-E	1	9.00E-01	U1/2	9.00E-01	64.62	1.80	5.72	10000	1000	9.33E+02	93%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T04-E	1	9.00E-01	U1/2	9.00E-01	27.83	1.80	5.72					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T05-E	1	9.00E-01	U1/2	9.00E-01	22.92	1.80	5.72					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T06-E	1	9.00E-01	U1/2	9.00E-01	15.39	1.80	5.72					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T07-E	1	9.00E-01	U1/2	9.00E-01	43.47	1.80	5.72					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T08-E	1	9.00E-01	U1/2	9.00E-01	46.95	1.80	5.72					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T09-E	1	9.00E-01	U1/2	9.00E-01	46.90	1.80	5.72					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T01-F	1	9.00E-01	U1/2	9.00E-01	40.28	1.80	5.72					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T02-F	1	9.00E-01	U1/2	9.00E-01	48.02	1.80	5.72					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T03-F	1	9.00E-01	U1/2	9.00E-01	27.86	1.80	5.72	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T04-F	1	9.00E-01	U1/2	9.00E-01	84.34	1.80	5.72					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T05-F	1	9.00E-01	U1/2	9.00E-01	72.26	1.80	5.72					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T06-F	1	9.00E-01	U1/2	9.00E-01	1.06	1.80	5.72					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T07-F	1	9.00E-01	U1/2	9.00E-01	24.39	1.80	5.72					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T08-F	1	9.00E-01	U1/2	9.00E-01	13.12	1.80	5.72					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Co	SWA-LRef-1315-T09-F	1	9.00E-01	U1/2	9.00E-01	42.12	1.80	5.72					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	SWA-LRef-1315-T01-D	1	1.85E+00	U1/2	1.85E+00	60.13	3.70	11.80					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T02-D	1	1.85E+00	U1/2	1.85E+00	99.04	3.70	11.80					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T03-D	1	1.85E+00	U1/2	1.85E+00	51.65	3.70	11.80	10000	1000	1.01E+03	101%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T04-D	1	1.85E+00	U1/2	1.85E+00	16.88	3.70	11.80					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T05-D	1	1.85E+00	U1/2	1.85E+00	23.16	3.70	11.80					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T06-D	1	1.85E+00	U1/2	1.85E+00	25.50	3.70	11.80					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T07-D	1	1.85E+00	U1/2	1.85E+00	55.06	3.70	11.80					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T08-D	1	1.85E+00	U1/2	1.85E+00	47.18	3.70	11.80					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T09-D	1	1.85E+00	U1/2	1.85E+00	34.12	3.70	11.80					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T01-E	1	1.85E+00	U1/2	1.85E+00	28.45	3.70	11.80					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T02-E	1	1.85E+00	U1/2	1.85E+00	11.93	3.70	11.80					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T03-E	1	1.85E+00	U1/2	1.85E+00	28.78	3.70	11.80	10000	1000	9.43E+02	94%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T04-E	1	1.85E+00	U1/2	1.85E+00	25.43	3.70	11.80					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T05-E	1	1.85E+00	U1/2	1.85E+00	9.22	3.70	11.80					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T06-E	1	1.85E+00	U1/2	1.85E+00	16.77	3.70	11.80					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T07-E	1	1.85E+00	U1/2	1.85E+00	10.07	3.70	11.80					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T08-E	1	1.85E+00	U1/2	1.85E+00	33.11	3.70	11.80					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T09-E	1	1.85E+00	U1/2	1.85E+00	44.94	3.70	11.80					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T01-F	1	1.85E+00	U1/2	1.85E+00	5.24	3.70	11.80					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T02-F	1	1.85E+00	U1/2	1.85E+00	9.34	3.70	11.80					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T03-F	1	1.85E+00	U1/2	1.85E+00	15.80	3.70	11.80	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T04-F	1	1.85E+00	U1/2	1.85E+00	23.42	3.70	11.80					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T05-F	1	1.85E+00	U1/2	1.85E+00	51.70	3.70	11.80					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T06-F	1	1.85E+00	U1/2	1.85E+00	36.79	3.70	11.80					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T07-F	1	1.85E+00	U1/2	1.85E+00	12.80	3.70	11.80					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T08-F	1	1.85E+00	U1/2	1.85E+00	23.49	3.70	11.80					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Cu	SWA-LRef-1315-T09-F	1	1.85E+00	U1/2	1.85E+00	28.22	3.70	11.80					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	SWA-LRef-1315-T01-D	1	1.51E+01		1.51E+01	2.01	2.00	6.40					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T02-D	1	7.40E+00		7.40E+00	9.78	2.00	6.40					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T03-D	1	6.24E+00	E	6.24E+00	5.75	2.00	6.40	10000	1000	1.04E+03	103%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T04-D	1	6.93E+00		6.93E+00	3.63	2.00	6.40					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T05-D	1	7.32E+00		7.32E+00	0.69	2.00	6.40					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T06-D	1	7.59E+00		7.59E+00	0.72	2.00	6.40					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T07-D	1	3.05E+00	E	3.05E+00	13.92	2.00	6.40					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T08-D	1	6.90E+00		6.90E+00	3.56	2.00	6.40					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T09-D	1	1.00E+00	U1/2	1.00E+00	10.07	2.00	6.40					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T01-E	1	1.29E+01		1.29E+01	2.75	2.00	6.40					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T02-E	1	1.23E+01		1.23E+01	1.98	2.00	6.40					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T03-E	1	7.04E+00		7.04E+00	2.57	2.00	6.40	10000	1000	9.45E+02	94%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T04-E	1	1.61E+01		1.61E+01	2.04	2.00	6.40					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T05-E	1	4.87E+00	E	4.87E+00	0.43	2.00	6.40					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T06-E	1	3.67E+00	E	3.67E+00	4.11	2.00	6.40					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T07-E	1	2.49E+00	E	2.49E+00	4.51	2.00	6.40					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T08-E	1	2.43E+00	E	2.43E+00	3.83	2.00	6.40					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T09-E	1	1.00E+00	U1/2	1.00E+00	4.31	2.00	6.40					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T01-F	1	6.22E+00	E	6.22E+00	3.92	2.00	6.40					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T02-F	1	8.97E+00		8.97E+00	2.91	2.00	6.40					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T03-F	1	5.25E+00	E	5.25E+00	6.21	2.00	6.40	10000	1000	1.01E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T04-F	1	4.65E+00	E	4.65E+00	4.77	2.00	6.40					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T05-F	1	4.19E+00	E	4.19E+00	6.37	2.00	6.40					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T06-F	1	1.00E+00	U1/2	1.00E+00	33.82	2.00	6.40					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T07-F	1	2.22E+00	E	2.22E+00	15.96	2.00	6.40					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T08-F	1	1.00E+00	U1/2	1.00E+00	5.18	2.00	6.40					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Fe	SWA-LRef-1315-T09-F	1	2.87E+00	E	2.87E+00	4.68	2.00	6.40					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	SWA-LRef-1315-T01-D	1	3.40E+00	U1/2	3.40E+00	23.33	6.80	21.60					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T02-D	1	3.40E+00	U1/2	3.40E+00	39.80	6.80	21.60					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T03-D	1	3.40E+00	U1/2	3.40E+00	21.88	6.80	21.60	10000	1000	9.99E+02	100%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T04-D	1	3.40E+00	U1/2	3.40E+00	55.17	6.80	21.60					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T05-D	1	3.40E+00	U1/2	3.40E+00	11.53	6.80	21.60					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T06-D	1	3.40E+00	U1/2	3.40E+00	20.85	6.80	21.60					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T07-D	1	3.40E+00	U1/2	3.40E+00	19.77	6.80	21.60					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T08-D	1	3.40E+00	U1/2	3.40E+00	38.27	6.80	21.60					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T09-D	1	3.40E+00	U1/2	3.40E+00	23.80	6.80	21.60					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T01-E	1	3.40E+00	U1/2	3.40E+00	46.44	6.80	21.60					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T02-E	1	3.40E+00	U1/2	3.40E+00	51.14	6.80	21.60					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T03-E	1	3.40E+00	U1/2	3.40E+00	33.40	6.80	21.60	10000	1000	9.35E+02	93%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T04-E	1	3.40E+00	U1/2	3.40E+00	6.83	6.80	21.60					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T05-E	1	3.40E+00	U1/2	3.40E+00	55.13	6.80	21.60					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T06-E	1	3.40E+00	U1/2	3.40E+00	21.53	6.80	21.60					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T07-E	1	3.40E+00	U1/2	3.40E+00	46.65	6.80	21.60					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T08-E	1	3.40E+00	U1/2	3.40E+00	26.17	6.80	21.60					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T09-E	1	3.40E+00	U1/2	3.40E+00	15.85	6.80	21.60					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T01-F	1	3.40E+00	U1/2	3.40E+00	38.94	6.80	21.60					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T02-F	1	3.40E+00	U1/2	3.40E+00	27.91	6.80	21.60					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T03-F	1	3.40E+00	U1/2	3.40E+00	14.35	6.80	21.60	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T04-F	1	3.40E+00	U1/2	3.40E+00	16.90	6.80	21.60					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T05-F	1	3.40E+00	U1/2	3.40E+00	21.57	6.80	21.60					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T06-F	1	3.40E+00	U1/2	3.40E+00	40.89	6.80	21.60					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T07-F	1	3.40E+00	U1/2	3.40E+00	16.24	6.80	21.60					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T08-F	1	3.40E+00	U1/2	3.40E+00	20.13	6.80	21.60					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Pb	SWA-LRef-1315-T09-F	1	3.40E+00	U1/2	3.40E+00	59.58	6.80	21.60					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	SWA-LRef-1315-T01-D	1	9.50E-01	U1/2	9.50E-01	21.64	1.90	6.00					VU ICP-OES	11/3/11 2:01 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T02-D	1	9.50E-01	U1/2	9.50E-01	65.58	1.90	6.00					VU ICP-OES	11/3/11 2:02 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T03-D	1	9.50E-01	U1/2	9.50E-01	34.94	1.90	6.00	10000	1000	9.24E+02	92%	VU ICP-OES	11/3/11 2:04 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T04-D	1	9.50E-01	U1/2	9.50E-01	69.62	1.90	6.00					VU ICP-OES	11/3/11 2:06 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T05-D	1	9.50E-01	U1/2	9.50E-01	11.43	1.90	6.00					VU ICP-OES	11/3/11 2:07 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T06-D	1	9.50E-01	U1/2	9.50E-01	11.46	1.90	6.00					VU ICP-OES	11/3/11 2:09 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T07-D	1	9.50E-01	U1/2	9.50E-01	47.42	1.90	6.00					VU ICP-OES	11/3/11 2:11 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T08-D	1	9.50E-01	U1/2	9.50E-01	21.98	1.90	6.00					VU ICP-OES	11/3/11 2:12 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T09-D	1	9.50E-01	U1/2	9.50E-01	29.34	1.90	6.00					VU ICP-OES	11/3/11 2:14 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T01-E	1	9.50E-01	U1/2	9.50E-01	13.24	1.90	6.00					VU ICP-OES	11/3/11 2:19 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T02-E	1	9.50E-01	U1/2	9.50E-01	37.00	1.90	6.00					VU ICP-OES	11/3/11 2:21 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T03-E	1	9.50E-01	U1/2	9.50E-01	12.98	1.90	6.00	10000	1000	8.92E+02	89%	VU ICP-OES	11/3/11 2:22 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T04-E	1	9.50E-01	U1/2	9.50E-01	10.86	1.90	6.00					VU ICP-OES	11/3/11 2:24 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T05-E	1	9.50E-01	U1/2	9.50E-01	71.48	1.90	6.00					VU ICP-OES	11/3/11 2:26 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T06-E	1	9.50E-01	U1/2	9.50E-01	80.19	1.90	6.00					VU ICP-OES	11/3/11 2:27 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T07-E	1	9.50E-01	U1/2	9.50E-01	86.45	1.90	6.00					VU ICP-OES	11/3/11 2:29 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T08-E	1	9.50E-01	U1/2	9.50E-01	31.28	1.90	6.00					VU ICP-OES	11/3/11 2:31 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T09-E	1	9.50E-01	U1/2	9.50E-01	57.97	1.90	6.00					VU ICP-OES	11/3/11 2:32 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T01-F	1	9.50E-01	U1/2	9.50E-01	85.13	1.90	6.00					VU ICP-OES	11/3/11 2:34 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T02-F	1	9.50E-01	U1/2	9.50E-01	8.26	1.90	6.00					VU ICP-OES	11/3/11 2:36 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T03-F	1	9.50E-01	U1/2	9.50E-01	11.28	1.90	6.00	10000	1000	9.15E+02	91%	VU ICP-OES	11/3/11 2:37 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T04-F	1	9.50E-01	U1/2	9.50E-01	29.29	1.90	6.00					VU ICP-OES	11/3/11 2:39 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T05-F	1	9.50E-01	U1/2	9.50E-01	17.72	1.90	6.00					VU ICP-OES	11/3/11 2:41 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T06-F	1	9.50E-01	U1/2	9.50E-01	9.99	1.90	6.00					VU ICP-OES	11/3/11 2:42 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T07-F	1	9.50E-01	U1/2	9.50E-01	28.09	1.90	6.00					VU ICP-OES	11/3/11 2:44 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T08-F	1	9.50E-01	U1/2	9.50E-01	12.93	1.90	6.00					VU ICP-OES	11/3/11 2:46 PM	EPA Interlab LRef 1315 SWA
Li	SWA-LRef-1315-T09-F	1	9.50E-01	U1/2	9.50E-01	1679.25	1.90	6.00					VU ICP-OES	11/3/11 2:47 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	SWA-LRef-1315-T01-D	1	1.00E+00	U1/2	1.00E+00	17.28	2.00	6.40					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T02-D	1	1.00E+00	U1/2	1.00E+00	6.94	2.00	6.40					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T03-D	1	1.00E+00	U1/2	1.00E+00	9.73	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T04-D	1	1.00E+00	U1/2	1.00E+00	18.99	2.00	6.40					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T05-D	1	1.00E+00	U1/2	1.00E+00	0.44	2.00	6.40					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T06-D	1	1.00E+00	U1/2	1.00E+00	1.29	2.00	6.40					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T07-D	1	1.00E+00	U1/2	1.00E+00	16.28	2.00	6.40					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T08-D	1	1.00E+00	U1/2	1.00E+00	10.29	2.00	6.40					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T09-D	1	1.00E+00	U1/2	1.00E+00	17.59	2.00	6.40					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T01-E	1	1.00E+00	U1/2	1.00E+00	11.76	2.00	6.40					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T02-E	1	1.00E+00	U1/2	1.00E+00	9.18	2.00	6.40					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T03-E	1	1.00E+00	U1/2	1.00E+00	19.63	2.00	6.40	10000	1000	9.59E+02	96%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T04-E	1	1.00E+00	U1/2	1.00E+00	1.43	2.00	6.40					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T05-E	1	1.00E+00	U1/2	1.00E+00	4.54	2.00	6.40					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T06-E	1	1.00E+00	U1/2	1.00E+00	13.49	2.00	6.40					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T07-E	1	1.00E+00	U1/2	1.00E+00	14.69	2.00	6.40					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T08-E	1	1.00E+00	U1/2	1.00E+00	6.66	2.00	6.40					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T09-E	1	1.00E+00	U1/2	1.00E+00	17.58	2.00	6.40					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T01-F	1	1.00E+00	U1/2	1.00E+00	5.39	2.00	6.40					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T02-F	1	1.00E+00	U1/2	1.00E+00	2.20	2.00	6.40					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T03-F	1	1.00E+00	U1/2	1.00E+00	12.25	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T04-F	1	1.00E+00	U1/2	1.00E+00	15.08	2.00	6.40					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T05-F	1	1.00E+00	U1/2	1.00E+00	7.88	2.00	6.40					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T06-F	1	1.00E+00	U1/2	1.00E+00	11.71	2.00	6.40					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T07-F	1	1.00E+00	U1/2	1.00E+00	13.12	2.00	6.40					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T08-F	1	1.00E+00	U1/2	1.00E+00	7.98	2.00	6.40					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Mn	SWA-LRef-1315-T09-F	1	1.00E+00	U1/2	1.00E+00	17.92	2.00	6.40					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	SWA-LRef-1315-T01-D	1	2.03E+00	E	2.03E+00	4.74	1.00	3.18					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T02-D	1	8.36E+00		8.36E+00	3.00	1.00	3.18					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T03-D	1	2.95E+01		2.95E+01	1.70	1.00	3.18	10000	1000	1.02E+03	99%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T04-D	1	2.05E+01		2.05E+01	1.19	1.00	3.18					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T05-D	1	2.31E+01		2.31E+01	1.20	1.00	3.18					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T06-D	1	1.09E+01		1.09E+01	1.43	1.00	3.18					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T07-D	1	1.29E+01		1.29E+01	13.41	1.00	3.18					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T08-D	1	6.43E+01		6.43E+01	6.77	1.00	3.18					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T09-D	1	5.06E+01		5.06E+01	5.55	1.00	3.18					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T01-E	1	5.29E+00		5.29E+00	7.16	1.00	3.18					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T02-E	1	1.46E+01		1.46E+01	3.14	1.00	3.18					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T03-E	1	2.53E+01		2.53E+01	2.49	1.00	3.18	10000	1000	9.50E+02	92%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T04-E	1	3.77E+01		3.77E+01	0.46	1.00	3.18					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T05-E	1	1.06E+01		1.06E+01	2.28	1.00	3.18					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T06-E	1	8.65E+00		8.65E+00	6.01	1.00	3.18					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T07-E	1	8.27E+00		8.27E+00	6.01	1.00	3.18					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T08-E	1	6.18E+01		6.18E+01	7.72	1.00	3.18					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T09-E	1	1.57E+01		1.57E+01	3.74	1.00	3.18					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T01-F	1	3.26E+00		3.26E+00	2.56	1.00	3.18					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T02-F	1	2.21E+01		2.21E+01	5.90	1.00	3.18					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T03-F	1	3.82E+01		3.82E+01	7.04	1.00	3.18	10000	1000	1.03E+03	99%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T04-F	1	2.63E+01		2.63E+01	6.62	1.00	3.18					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T05-F	1	1.31E+01		1.31E+01	1.14	1.00	3.18					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T06-F	1	1.83E+01		1.83E+01	4.00	1.00	3.18					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T07-F	1	2.35E+01		2.35E+01	1.40	1.00	3.18					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T08-F	1	7.46E+01		7.46E+01	6.73	1.00	3.18					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Mg	SWA-LRef-1315-T09-F	1	2.71E+01		2.71E+01	5.57	1.00	3.18					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	SWA-LRef-1315-T01-D	1	2.56E+00	E	2.56E+00	10.86	1.20	3.82					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T02-D	1	3.01E+00	E	3.01E+00	5.26	1.20	3.82					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T03-D	1	3.89E+00		3.89E+00	1.21	1.20	3.82	10000	1000	1.02E+03	102%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T04-D	1	6.24E+00		6.24E+00	3.34	1.20	3.82					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T05-D	1	5.63E+00		5.63E+00	9.32	1.20	3.82					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T06-D	1	8.44E+00		8.44E+00	1.57	1.20	3.82					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T07-D	1	6.60E+00		6.60E+00	1.22	1.20	3.82					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T08-D	1	4.41E+00		4.41E+00	2.33	1.20	3.82					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T09-D	1	4.71E+00		4.71E+00	4.77	1.20	3.82					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T01-E	1	1.98E+00	E	1.98E+00	18.45	1.20	3.82					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T02-E	1	5.15E+00		5.15E+00	14.15	1.20	3.82					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T03-E	1	4.77E+00		4.77E+00	1.52	1.20	3.82	10000	1000	9.46E+02	94%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T04-E	1	9.14E+00		9.14E+00	6.12	1.20	3.82					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T05-E	1	5.32E+00		5.32E+00	12.46	1.20	3.82					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T06-E	1	1.02E+01		1.02E+01	1.48	1.20	3.82					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T07-E	1	6.40E+00		6.40E+00	1.64	1.20	3.82					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T08-E	1	4.18E+00		4.18E+00	2.23	1.20	3.82					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T09-E	1	5.21E+00		5.21E+00	1.66	1.20	3.82					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T01-F	1	2.06E+00	E	2.06E+00	3.55	1.20	3.82					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T02-F	1	3.06E+00	E	3.06E+00	13.31	1.20	3.82					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T03-F	1	2.54E+00	E	2.54E+00	18.87	1.20	3.82	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T04-F	1	5.11E+00		5.11E+00	4.43	1.20	3.82					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T05-F	1	4.31E+00		4.31E+00	7.10	1.20	3.82					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T06-F	1	9.31E+00		9.31E+00	2.05	1.20	3.82					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T07-F	1	4.66E+00		4.66E+00	2.12	1.20	3.82					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T08-F	1	4.35E+00		4.35E+00	4.70	1.20	3.82					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Mo	SWA-LRef-1315-T09-F	1	3.97E+00		3.97E+00	2.92	1.20	3.82					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	SWA-LRef-1315-T01-D	1	9.00E-01	U1/2	9.00E-01	63.52	1.80	5.70					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T02-D	1	9.00E-01	U1/2	9.00E-01	23.68	1.80	5.70					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T03-D	1	9.00E-01	U1/2	9.00E-01	49.36	1.80	5.70	10000	1000	1.03E+03	103%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T04-D	1	9.00E-01	U1/2	9.00E-01	34.36	1.80	5.70					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T05-D	1	9.00E-01	U1/2	9.00E-01	15.93	1.80	5.70					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T06-D	1	9.00E-01	U1/2	9.00E-01	23.49	1.80	5.70					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T07-D	1	9.00E-01	U1/2	9.00E-01	67.42	1.80	5.70					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T08-D	1	9.00E-01	U1/2	9.00E-01	32.98	1.80	5.70					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T09-D	1	9.00E-01	U1/2	9.00E-01	31.06	1.80	5.70					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T01-E	1	9.00E-01	U1/2	9.00E-01	81.24	1.80	5.70					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T02-E	1	9.00E-01	U1/2	9.00E-01	49.24	1.80	5.70					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T03-E	1	9.00E-01	U1/2	9.00E-01	56.29	1.80	5.70	10000	1000	9.46E+02	95%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T04-E	1	9.00E-01	U1/2	9.00E-01	11.58	1.80	5.70					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T05-E	1	9.00E-01	U1/2	9.00E-01	17.92	1.80	5.70					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T06-E	1	9.00E-01	U1/2	9.00E-01	35.89	1.80	5.70					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T07-E	1	9.00E-01	U1/2	9.00E-01	12.31	1.80	5.70					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T08-E	1	9.00E-01	U1/2	9.00E-01	45.99	1.80	5.70					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T09-E	1	9.00E-01	U1/2	9.00E-01	30.67	1.80	5.70					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T01-F	1	9.00E-01	U1/2	9.00E-01	47.97	1.80	5.70					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T02-F	1	9.00E-01	U1/2	9.00E-01	49.32	1.80	5.70					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T03-F	1	9.00E-01	U1/2	9.00E-01	88.11	1.80	5.70	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T04-F	1	9.00E-01	U1/2	9.00E-01	61.86	1.80	5.70					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T05-F	1	9.00E-01	U1/2	9.00E-01	41.01	1.80	5.70					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T06-F	1	9.00E-01	U1/2	9.00E-01	7.83	1.80	5.70					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T07-F	1	9.00E-01	U1/2	9.00E-01	46.31	1.80	5.70					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T08-F	1	9.00E-01	U1/2	9.00E-01	29.98	1.80	5.70					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Ni	SWA-LRef-1315-T09-F	1	9.00E-01	U1/2	9.00E-01	9.96	1.80	5.70					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	SWA-LRef-1315-T01-D	1	1.85E+00	U1/2	1.85E+00	25.91	3.70	11.80					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T02-D	1	1.85E+00	U1/2	1.85E+00	15.29	3.70	11.80					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T03-D	1	1.85E+00	U1/2	1.85E+00	26.95	3.70	11.80	10000	1000	1.03E+03	103%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T04-D	1	1.85E+00	U1/2	1.85E+00	11.54	3.70	11.80					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T05-D	1	1.85E+00	U1/2	1.85E+00	4.30	3.70	11.80					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T06-D	1	1.85E+00	U1/2	1.85E+00	10.43	3.70	11.80					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T07-D	1	1.85E+00	U1/2	1.85E+00	42.79	3.70	11.80					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T08-D	1	1.85E+00	U1/2	1.85E+00	28.30	3.70	11.80					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T09-D	1	1.85E+00	U1/2	1.85E+00	38.00	3.70	11.80					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T01-E	1	1.85E+00	U1/2	1.85E+00	9.78	3.70	11.80					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T02-E	1	1.85E+00	U1/2	1.85E+00	88.44	3.70	11.80					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T03-E	1	1.85E+00	U1/2	1.85E+00	17.64	3.70	11.80	10000	1000	9.86E+02	98%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T04-E	1	1.85E+00	U1/2	1.85E+00	12.70	3.70	11.80					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T05-E	1	1.85E+00	U1/2	1.85E+00	23.95	3.70	11.80					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T06-E	1	1.85E+00	U1/2	1.85E+00	56.70	3.70	11.80					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T07-E	1	1.85E+00	U1/2	1.85E+00	37.02	3.70	11.80					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T08-E	1	1.85E+00	U1/2	1.85E+00	10.67	3.70	11.80					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T09-E	1	1.85E+00	U1/2	1.85E+00	24.46	3.70	11.80					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T01-F	1	1.85E+00	U1/2	1.85E+00	14.60	3.70	11.80					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T02-F	1	1.85E+00	U1/2	1.85E+00	50.91	3.70	11.80					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T03-F	1	1.85E+00	U1/2	1.85E+00	45.86	3.70	11.80	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T04-F	1	1.85E+00	U1/2	1.85E+00	88.21	3.70	11.80					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T05-F	1	1.85E+00	U1/2	1.85E+00	50.64	3.70	11.80					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T06-F	1	1.85E+00	U1/2	1.85E+00	28.51	3.70	11.80					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T07-F	1	1.85E+00	U1/2	1.85E+00	16.66	3.70	11.80					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T08-F	1	1.85E+00	U1/2	1.85E+00	9.07	3.70	11.80					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
P	SWA-LRef-1315-T09-F	1	1.85E+00	U1/2	1.85E+00	10.08	3.70	11.80					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	SWA-LRef-1315-T01-D	1	8.50E+03		8.50E+03	0.28	1.60	5.09					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T02-D	1	2.03E+04		2.03E+04	1.25	1.60	5.09					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T03-D	1	1.76E+04		1.76E+04	0.65	1.60	5.09	10000	1000	1.85E+04	87%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T04-D	1	3.55E+04		3.55E+04	0.37	1.60	5.09					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T05-D	1	2.61E+04		2.61E+04	0.22	1.60	5.09					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T06-D	1	3.16E+04		3.16E+04	1.41	1.60	5.09					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T07-D	1	2.60E+04		2.60E+04	0.29	1.60	5.09					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T08-D	1	8.57E+03		8.57E+03	1.04	1.60	5.09					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T09-D	1	1.39E+04		1.39E+04	0.53	1.60	5.09					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T01-E	1	8.94E+03		8.94E+03	0.72	1.60	5.09					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T02-E	1	3.07E+04		3.07E+04	0.73	1.60	5.09					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T03-E	1	2.03E+04		2.03E+04	0.18	1.60	5.09	10000	1000	2.11E+04	86%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T04-E	1	5.00E+04		5.00E+04	0.52	1.60	5.09					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T05-E	1	3.47E+04		3.47E+04	0.79	1.60	5.09					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T06-E	1	3.93E+04		3.93E+04	0.23	1.60	5.09					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T07-E	1	2.20E+04		2.20E+04	0.59	1.60	5.09					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T08-E	1	1.06E+04		1.06E+04	1.20	1.60	5.09					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T09-E	1	1.73E+04		1.73E+04	0.71	1.60	5.09					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T01-F	1	5.61E+03		5.61E+03	0.28	1.60	5.09					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T02-F	1	2.19E+04		2.19E+04	0.24	1.60	5.09					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T03-F	1	1.45E+04		1.45E+04	0.46	1.60	5.09	10000	1000	1.54E+04	87%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T04-F	1	3.47E+04		3.47E+04	1.21	1.60	5.09					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T05-F	1	2.79E+04		2.79E+04	1.44	1.60	5.09					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T06-F	1	3.48E+04		3.48E+04	3.64	1.60	5.09					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T07-F	1	2.13E+04		2.13E+04	0.90	1.60	5.09					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T08-F	1	8.60E+03		8.60E+03	0.18	1.60	5.09					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
K	SWA-LRef-1315-T09-F	1	1.41E+04		1.41E+04	0.46	1.60	5.09					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	SWA-LRef-1315-T01-D	1	1.67E+03		1.67E+03	1.47	15.00	47.70					VU ICP-OES	11/3/11 2:01 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T02-D	1	4.83E+03		4.83E+03	18.25	15.00	47.70					VU ICP-OES	11/3/11 2:02 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T03-D	1	2.67E+03		2.67E+03	1.64	15.00	47.70	10000	1000	3.60E+03	93%	VU ICP-OES	11/3/11 2:04 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T04-D	1	5.49E+03		5.49E+03	1.06	15.00	47.70					VU ICP-OES	11/3/11 2:06 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T05-D	1	3.07E+03		3.07E+03	0.86	15.00	47.70					VU ICP-OES	11/3/11 2:07 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T06-D	1	3.69E+03		3.69E+03	1.38	15.00	47.70					VU ICP-OES	11/3/11 2:09 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T07-D	1	1.97E+03		1.97E+03	0.34	15.00	47.70					VU ICP-OES	11/3/11 2:11 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T08-D	1	7.60E+02		7.60E+02	3.29	15.00	47.70					VU ICP-OES	11/3/11 2:12 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T09-D	1	1.12E+03		1.12E+03	2.41	15.00	47.70					VU ICP-OES	11/3/11 2:14 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T01-E	1	1.56E+03		1.56E+03	1.03	15.00	47.70					VU ICP-OES	11/3/11 2:19 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T02-E	1	5.22E+03		5.22E+03	0.59	15.00	47.70					VU ICP-OES	11/3/11 2:21 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T03-E	1	2.67E+03		2.67E+03	1.16	15.00	47.70	10000	1000	3.55E+03	88%	VU ICP-OES	11/3/11 2:22 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T04-E	1	5.35E+03		5.35E+03	0.97	15.00	47.70					VU ICP-OES	11/3/11 2:24 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T05-E	1	3.37E+03		3.37E+03	0.86	15.00	47.70					VU ICP-OES	11/3/11 2:26 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T06-E	1	3.61E+03		3.61E+03	0.70	15.00	47.70					VU ICP-OES	11/3/11 2:27 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T07-E	1	2.00E+03		2.00E+03	0.45	15.00	47.70					VU ICP-OES	11/3/11 2:29 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T08-E	1	7.39E+02		7.39E+02	1.78	15.00	47.70					VU ICP-OES	11/3/11 2:31 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T09-E	1	1.11E+03		1.11E+03	0.65	15.00	47.70					VU ICP-OES	11/3/11 2:32 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T01-F	1	1.53E+03		1.53E+03	1.88	15.00	47.70					VU ICP-OES	11/3/11 2:34 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T02-F	1	4.85E+03		4.85E+03	1.84	15.00	47.70					VU ICP-OES	11/3/11 2:36 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T03-F	1	2.72E+03		2.72E+03	0.77	15.00	47.70	10000	1000	3.66E+03	94%	VU ICP-OES	11/3/11 2:37 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T04-F	1	5.26E+03		5.26E+03	0.79	15.00	47.70					VU ICP-OES	11/3/11 2:39 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T05-F	1	3.00E+03		3.00E+03	1.10	15.00	47.70					VU ICP-OES	11/3/11 2:41 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T06-F	1	3.76E+03		3.76E+03	0.55	15.00	47.70					VU ICP-OES	11/3/11 2:42 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T07-F	1	2.13E+03		2.13E+03	1.85	15.00	47.70					VU ICP-OES	11/3/11 2:44 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T08-F	1	7.11E+02		7.11E+02	0.23	15.00	47.70					VU ICP-OES	11/3/11 2:46 PM	EPA Interlab LRef 1315 SWA
Se	SWA-LRef-1315-T09-F	1	1.22E+03		1.22E+03	0.86	15.00	47.70					VU ICP-OES	11/3/11 2:47 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	SWA-LRef-1315-T01-D	1	7.72E+02		7.72E+02	0.78	1.10	3.50					VU ICP-OES	11/3/11 2:01 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T02-D	1	4.12E+03		4.12E+03	6.42	1.10	3.50					VU ICP-OES	11/3/11 2:02 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T03-D	1	3.06E+03		3.06E+03	0.86	1.10	3.50	10000	1000	4.06E+03	100%	VU ICP-OES	11/3/11 2:04 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T04-D	1	8.19E+03		8.19E+03	0.94	1.10	3.50					VU ICP-OES	11/3/11 2:06 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T05-D	1	7.69E+03		7.69E+03	0.94	1.10	3.50					VU ICP-OES	11/3/11 2:07 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T06-D	1	8.16E+03		8.16E+03	1.24	1.10	3.50					VU ICP-OES	11/3/11 2:09 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T07-D	1	7.16E+03		7.16E+03	0.29	1.10	3.50					VU ICP-OES	11/3/11 2:11 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T08-D	1	5.32E+03		5.32E+03	0.57	1.10	3.50					VU ICP-OES	11/3/11 2:12 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T09-D	1	6.76E+03		6.76E+03	0.17	1.10	3.50					VU ICP-OES	11/3/11 2:14 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T01-E	1	7.48E+02		7.48E+02	1.03	1.10	3.50					VU ICP-OES	11/3/11 2:19 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T02-E	1	4.21E+03		4.21E+03	2.19	1.10	3.50					VU ICP-OES	11/3/11 2:21 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T03-E	1	3.20E+03		3.20E+03	1.58	1.10	3.50	10000	1000	4.17E+03	97%	VU ICP-OES	11/3/11 2:22 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T04-E	1	8.11E+03		8.11E+03	1.18	1.10	3.50					VU ICP-OES	11/3/11 2:24 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T05-E	1	7.81E+03		7.81E+03	0.53	1.10	3.50					VU ICP-OES	11/3/11 2:26 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T06-E	1	8.10E+03		8.10E+03	1.84	1.10	3.50					VU ICP-OES	11/3/11 2:27 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T07-E	1	7.16E+03		7.16E+03	1.23	1.10	3.50					VU ICP-OES	11/3/11 2:29 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T08-E	1	5.24E+03		5.24E+03	1.55	1.10	3.50					VU ICP-OES	11/3/11 2:31 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T09-E	1	6.73E+03		6.73E+03	2.03	1.10	3.50					VU ICP-OES	11/3/11 2:32 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T01-F	1	7.35E+02		7.35E+02	1.27	1.10	3.50					VU ICP-OES	11/3/11 2:34 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T02-F	1	4.12E+03		4.12E+03	1.05	1.10	3.50					VU ICP-OES	11/3/11 2:36 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T03-F	1	3.21E+03		3.21E+03	1.00	1.10	3.50	10000	1000	4.22E+03	102%	VU ICP-OES	11/3/11 2:37 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T04-F	1	8.01E+03		8.01E+03	2.06	1.10	3.50					VU ICP-OES	11/3/11 2:39 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T05-F	1	7.73E+03		7.73E+03	2.22	1.10	3.50					VU ICP-OES	11/3/11 2:41 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T06-F	1	8.18E+03		8.18E+03	12.18	1.10	3.50					VU ICP-OES	11/3/11 2:42 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T07-F	1	7.09E+03		7.09E+03	0.25	1.10	3.50					VU ICP-OES	11/3/11 2:44 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T08-F	1	5.24E+03		5.24E+03	1.20	1.10	3.50					VU ICP-OES	11/3/11 2:46 PM	EPA Interlab LRef 1315 SWA
Si	SWA-LRef-1315-T09-F	1	7.09E+03		7.09E+03	0.72	1.10	3.50					VU ICP-OES	11/3/11 2:47 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	SWA-LRef-1315-T01-D	1	4.18E+04		4.18E+04	0.70	2.50	8.00					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T02-D	1	1.51E+05		1.51E+05	0.40	2.50	8.00					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T03-D	1	8.53E+04		8.53E+04	0.43	2.50	8.00	10000	1000	8.62E+04	87%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T04-D	1	1.69E+05		1.69E+05	1.33	2.50	8.00					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T05-D	1	1.30E+05		1.30E+05	1.62	2.50	8.00					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T06-D	1	9.89E+04		9.89E+04	0.38	2.50	8.00					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T07-D	1	8.97E+04		8.97E+04	0.53	2.50	8.00					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T08-D	1	3.76E+04		3.76E+04	0.45	2.50	8.00					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T09-D	1	5.68E+04		5.68E+04	0.52	2.50	8.00					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T01-E	1	4.26E+04		4.26E+04	0.46	2.50	8.00					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T02-E	1	1.44E+05		1.44E+05	0.69	2.50	8.00					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T03-E	1	9.53E+04		9.53E+04	0.32	2.50	8.00	10000	1000	9.61E+04	86%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T04-E	1	2.30E+05		2.30E+05	2.25	2.50	8.00					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T05-E	1	1.64E+05		1.64E+05	0.20	2.50	8.00					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T06-E	1	1.12E+05		1.12E+05	0.39	2.50	8.00					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T07-E	1	8.01E+04		8.01E+04	0.89	2.50	8.00					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T08-E	1	4.36E+04		4.36E+04	0.44	2.50	8.00					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T09-E	1	6.55E+04		6.55E+04	0.80	2.50	8.00					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T01-F	1	2.63E+04		2.63E+04	0.86	2.50	8.00					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T02-F	1	1.02E+05		1.02E+05	0.99	2.50	8.00					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T03-F	1	6.79E+04		6.79E+04	0.45	2.50	8.00	10000	1000	6.88E+04	90%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T04-F	1	1.64E+05		1.64E+05	0.18	2.50	8.00					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T05-F	1	1.36E+05		1.36E+05	0.19	2.50	8.00					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T06-F	1	9.34E+04		9.34E+04	0.83	2.50	8.00					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T07-F	1	7.69E+04		7.69E+04	1.32	2.50	8.00					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T08-F	1	3.65E+04		3.65E+04	0.64	2.50	8.00					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Na	SWA-LRef-1315-T09-F	1	5.66E+04		5.66E+04	0.20	2.50	8.00					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	SWA-LRef-1315-T01-D	1	7.23E+00		7.23E+00	3.40	1.00	3.18					VU ICP-OES	11/3/11 2:01 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T02-D	1	1.13E+02		1.13E+02	6.08	1.00	3.18					VU ICP-OES	11/3/11 2:02 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T03-D	1	9.97E+01		9.97E+01	1.16	1.00	3.18	10000	1000	1.15E+03	105%	VU ICP-OES	11/3/11 2:04 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T04-D	1	1.87E+02		1.87E+02	0.37	1.00	3.18					VU ICP-OES	11/3/11 2:06 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T05-D	1	2.15E+02		2.15E+02	0.25	1.00	3.18					VU ICP-OES	11/3/11 2:07 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T06-D	1	2.68E+02		2.68E+02	0.82	1.00	3.18					VU ICP-OES	11/3/11 2:09 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T07-D	1	2.55E+02		2.55E+02	0.54	1.00	3.18					VU ICP-OES	11/3/11 2:11 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T08-D	1	2.40E+02		2.40E+02	0.82	1.00	3.18					VU ICP-OES	11/3/11 2:12 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T09-D	1	2.65E+02		2.65E+02	1.73	1.00	3.18					VU ICP-OES	11/3/11 2:14 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T01-E	1	8.43E+00		8.43E+00	2.42	1.00	3.18					VU ICP-OES	11/3/11 2:19 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T02-E	1	1.09E+02		1.09E+02	1.10	1.00	3.18					VU ICP-OES	11/3/11 2:21 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T03-E	1	9.64E+01		9.64E+01	0.87	1.00	3.18	10000	1000	1.11E+03	102%	VU ICP-OES	11/3/11 2:22 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T04-E	1	1.87E+02		1.87E+02	0.99	1.00	3.18					VU ICP-OES	11/3/11 2:24 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T05-E	1	2.07E+02		2.07E+02	0.43	1.00	3.18					VU ICP-OES	11/3/11 2:26 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T06-E	1	2.41E+02		2.41E+02	1.00	1.00	3.18					VU ICP-OES	11/3/11 2:27 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T07-E	1	2.52E+02		2.52E+02	0.10	1.00	3.18					VU ICP-OES	11/3/11 2:29 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T08-E	1	2.37E+02		2.37E+02	1.27	1.00	3.18					VU ICP-OES	11/3/11 2:31 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T09-E	1	2.61E+02		2.61E+02	1.04	1.00	3.18					VU ICP-OES	11/3/11 2:32 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T01-F	1	7.11E+00		7.11E+00	4.19	1.00	3.18					VU ICP-OES	11/3/11 2:34 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T02-F	1	1.15E+02		1.15E+02	1.08	1.00	3.18					VU ICP-OES	11/3/11 2:36 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T03-F	1	9.42E+01		9.42E+01	1.19	1.00	3.18	10000	1000	1.10E+03	101%	VU ICP-OES	11/3/11 2:37 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T04-F	1	1.70E+02		1.70E+02	1.84	1.00	3.18					VU ICP-OES	11/3/11 2:39 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T05-F	1	2.27E+02		2.27E+02	1.26	1.00	3.18					VU ICP-OES	11/3/11 2:41 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T06-F	1	2.26E+02		2.26E+02	1.71	1.00	3.18					VU ICP-OES	11/3/11 2:42 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T07-F	1	2.45E+02		2.45E+02	0.20	1.00	3.18					VU ICP-OES	11/3/11 2:44 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T08-F	1	2.20E+02		2.20E+02	0.94	1.00	3.18					VU ICP-OES	11/3/11 2:46 PM	EPA Interlab LRef 1315 SWA
Sr	SWA-LRef-1315-T09-F	1	2.56E+02		2.56E+02	1.63	1.00	3.18					VU ICP-OES	11/3/11 2:47 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	SWA-LRef-1315-T01-D	1	5.19E+03		5.19E+03	1.05	6.80	21.60					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T02-D	1	2.78E+04		2.78E+04	12.32	6.80	21.60					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T03-D	1	9.27E+03		9.27E+03	1.42	6.80	21.60	10000	1000	1.01E+04	88%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T04-D	1	1.82E+04		1.82E+04	0.72	6.80	21.60					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T05-D	1	9.05E+03		9.05E+03	0.91	6.80	21.60					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T06-D	1	9.76E+03		9.76E+03	0.66	6.80	21.60					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T07-D	1	8.31E+03		8.31E+03	0.40	6.80	21.60					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T08-D	1	1.65E+03		1.65E+03	0.33	6.80	21.60					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T09-D	1	3.42E+03		3.42E+03	0.62	6.80	21.60					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T01-E	1	4.78E+03		4.78E+03	0.89	6.80	21.60					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T02-E	1	2.36E+04		2.36E+04	0.21	6.80	21.60					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T03-E	1	1.35E+04		1.35E+04	0.28	6.80	21.60	10000	1000	1.43E+04	83%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T04-E	1	1.72E+04		1.72E+04	0.30	6.80	21.60					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T05-E	1	1.35E+04		1.35E+04	0.84	6.80	21.60					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T06-E	1	1.43E+04		1.43E+04	0.63	6.80	21.60					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T07-E	1	5.66E+03		5.66E+03	1.18	6.80	21.60					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T08-E	1	2.39E+03		2.39E+03	2.71	6.80	21.60					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T09-E	1	4.50E+03		4.50E+03	1.22	6.80	21.60					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T01-F	1	2.37E+03		2.37E+03	1.25	6.80	21.60					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T02-F	1	1.09E+04		1.09E+04	0.68	6.80	21.60					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T03-F	1	6.67E+03		6.67E+03	0.60	6.80	21.60	10000	1000	7.57E+03	90%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T04-F	1	1.59E+04		1.59E+04	0.88	6.80	21.60					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T05-F	1	9.11E+03		9.11E+03	1.44	6.80	21.60					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T06-F	1	8.19E+03		8.19E+03	1.04	6.80	21.60					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T07-F	1	4.78E+03		4.78E+03	1.02	6.80	21.60					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T08-F	1	1.52E+03		1.52E+03	0.98	6.80	21.60					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
S	SWA-LRef-1315-T09-F	1	3.17E+03		3.17E+03	0.99	6.80	21.60					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	SWA-LRef-1315-T01-D	1	2.30E+00	U1/2	2.30E+00	38.57	4.60	14.60					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T02-D	1	2.30E+00	U1/2	2.30E+00	26.40	4.60	14.60					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T03-D	1	2.30E+00	U1/2	2.30E+00	39.68	4.60	14.60	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T04-D	1	2.30E+00	U1/2	2.30E+00	27.15	4.60	14.60					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T05-D	1	2.30E+00	U1/2	2.30E+00	44.05	4.60	14.60					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T06-D	1	2.30E+00	U1/2	2.30E+00	57.25	4.60	14.60					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T07-D	1	2.30E+00	U1/2	2.30E+00	44.16	4.60	14.60					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T08-D	1	2.30E+00	U1/2	2.30E+00	38.84	4.60	14.60					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T09-D	1	2.30E+00	U1/2	2.30E+00	22.50	4.60	14.60					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T01-E	1	2.30E+00	U1/2	2.30E+00	20.38	4.60	14.60					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T02-E	1	2.30E+00	U1/2	2.30E+00	11.10	4.60	14.60					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T03-E	1	2.30E+00	U1/2	2.30E+00	18.96	4.60	14.60	10000	1000	9.37E+02	93%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T04-E	1	2.30E+00	U1/2	2.30E+00	28.42	4.60	14.60					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T05-E	1	2.30E+00	U1/2	2.30E+00	50.46	4.60	14.60					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T06-E	1	2.30E+00	U1/2	2.30E+00	37.27	4.60	14.60					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T07-E	1	2.30E+00	U1/2	2.30E+00	30.39	4.60	14.60					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T08-E	1	2.30E+00	U1/2	2.30E+00	46.75	4.60	14.60					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T09-E	1	2.30E+00	U1/2	2.30E+00	57.64	4.60	14.60					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T01-F	1	2.30E+00	U1/2	2.30E+00	24.84	4.60	14.60					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T02-F	1	2.30E+00	U1/2	2.30E+00	25.13	4.60	14.60					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T03-F	1	2.30E+00	U1/2	2.30E+00	48.88	4.60	14.60	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T04-F	1	2.30E+00	U1/2	2.30E+00	35.29	4.60	14.60					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T05-F	1	2.30E+00	U1/2	2.30E+00	45.54	4.60	14.60					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T06-F	1	2.30E+00	U1/2	2.30E+00	37.71	4.60	14.60					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T07-F	1	2.30E+00	U1/2	2.30E+00	58.12	4.60	14.60					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T08-F	1	2.30E+00	U1/2	2.30E+00	60.72	4.60	14.60					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Tl	SWA-LRef-1315-T09-F	1	2.30E+00	U1/2	2.30E+00	67.07	4.60	14.60					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	SWA-LRef-1315-T01-D	1	1.00E+00	U1/2	1.00E+00	24.44	2.00	6.40					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T02-D	1	1.00E+00	U1/2	1.00E+00	70.90	2.00	6.40					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T03-D	1	1.00E+00	U1/2	1.00E+00	33.72	2.00	6.40	10000	1000	9.87E+02	99%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T04-D	1	1.00E+00	U1/2	1.00E+00	1.51	2.00	6.40					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T05-D	1	1.00E+00	U1/2	1.00E+00	0.99	2.00	6.40					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T06-D	1	1.00E+00	U1/2	1.00E+00	10.54	2.00	6.40					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T07-D	1	1.00E+00	U1/2	1.00E+00	46.53	2.00	6.40					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T08-D	1	1.00E+00	U1/2	1.00E+00	12.28	2.00	6.40					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T09-D	1	1.00E+00	U1/2	1.00E+00	75.08	2.00	6.40					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T01-E	1	1.00E+00	U1/2	1.00E+00	29.29	2.00	6.40					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T02-E	1	1.00E+00	U1/2	1.00E+00	36.97	2.00	6.40					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T03-E	1	1.00E+00	U1/2	1.00E+00	70.73	2.00	6.40	10000	1000	9.48E+02	95%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T04-E	1	1.00E+00	U1/2	1.00E+00	1.33	2.00	6.40					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T05-E	1	1.00E+00	U1/2	1.00E+00	2.75	2.00	6.40					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T06-E	1	1.00E+00	U1/2	1.00E+00	16.98	2.00	6.40					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T07-E	1	1.00E+00	U1/2	1.00E+00	65.73	2.00	6.40					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T08-E	1	1.00E+00	U1/2	1.00E+00	11.10	2.00	6.40					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T09-E	1	1.00E+00	U1/2	1.00E+00	111.18	2.00	6.40					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T01-F	1	1.00E+00	U1/2	1.00E+00	41.57	2.00	6.40					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T02-F	1	1.00E+00	U1/2	1.00E+00	23.74	2.00	6.40					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T03-F	1	1.00E+00	U1/2	1.00E+00	32.78	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T04-F	1	1.00E+00	U1/2	1.00E+00	49.00	2.00	6.40					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T05-F	1	1.00E+00	U1/2	1.00E+00	14.65	2.00	6.40					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T06-F	1	1.00E+00	U1/2	1.00E+00	71.86	2.00	6.40					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T07-F	1	1.00E+00	U1/2	1.00E+00	49.34	2.00	6.40					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T08-F	1	1.00E+00	U1/2	1.00E+00	56.08	2.00	6.40					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Ti	SWA-LRef-1315-T09-F	1	1.00E+00	U1/2	1.00E+00	54.79	2.00	6.40					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	SWA-LRef-1315-T01-D	1	1.12E+01		1.12E+01	10.93	1.50	4.77					VU ICP-OES	11/3/11 2:01 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T02-D	1	1.79E+01		1.79E+01	3.95	1.50	4.77					VU ICP-OES	11/3/11 2:02 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T03-D	1	1.21E+01		1.21E+01	3.49	1.50	4.77	10000	1000	1.04E+03	102%	VU ICP-OES	11/3/11 2:04 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T04-D	1	1.76E+01		1.76E+01	3.93	1.50	4.77					VU ICP-OES	11/3/11 2:06 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T05-D	1	2.08E+01		2.08E+01	0.11	1.50	4.77					VU ICP-OES	11/3/11 2:07 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T06-D	1	2.06E+01		2.06E+01	6.04	1.50	4.77					VU ICP-OES	11/3/11 2:09 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T07-D	1	1.89E+01		1.89E+01	2.86	1.50	4.77					VU ICP-OES	11/3/11 2:11 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T08-D	1	1.17E+01		1.17E+01	8.67	1.50	4.77					VU ICP-OES	11/3/11 2:12 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T09-D	1	1.60E+01		1.60E+01	4.82	1.50	4.77					VU ICP-OES	11/3/11 2:14 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T01-E	1	1.14E+01		1.14E+01	5.50	1.50	4.77					VU ICP-OES	11/3/11 2:19 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T02-E	1	1.91E+01		1.91E+01	10.64	1.50	4.77					VU ICP-OES	11/3/11 2:21 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T03-E	1	1.24E+01		1.24E+01	8.33	1.50	4.77	10000	1000	9.71E+02	96%	VU ICP-OES	11/3/11 2:22 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T04-E	1	2.11E+01		2.11E+01	0.99	1.50	4.77					VU ICP-OES	11/3/11 2:24 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T05-E	1	1.92E+01		1.92E+01	1.82	1.50	4.77					VU ICP-OES	11/3/11 2:26 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T06-E	1	1.98E+01		1.98E+01	1.18	1.50	4.77					VU ICP-OES	11/3/11 2:27 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T07-E	1	1.69E+01		1.69E+01	1.43	1.50	4.77					VU ICP-OES	11/3/11 2:29 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T08-E	1	1.18E+01		1.18E+01	3.84	1.50	4.77					VU ICP-OES	11/3/11 2:31 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T09-E	1	1.64E+01		1.64E+01	2.26	1.50	4.77					VU ICP-OES	11/3/11 2:32 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T01-F	1	1.19E+01		1.19E+01	5.55	1.50	4.77					VU ICP-OES	11/3/11 2:34 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T02-F	1	1.75E+01		1.75E+01	6.95	1.50	4.77					VU ICP-OES	11/3/11 2:36 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T03-F	1	9.93E+00		9.93E+00	9.87	1.50	4.77	10000	1000	1.01E+03	100%	VU ICP-OES	11/3/11 2:37 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T04-F	1	2.09E+01		2.09E+01	4.97	1.50	4.77					VU ICP-OES	11/3/11 2:39 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T05-F	1	1.71E+01		1.71E+01	7.41	1.50	4.77					VU ICP-OES	11/3/11 2:41 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T06-F	1	2.00E+01		2.00E+01	2.28	1.50	4.77					VU ICP-OES	11/3/11 2:42 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T07-F	1	1.61E+01		1.61E+01	6.46	1.50	4.77					VU ICP-OES	11/3/11 2:44 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T08-F	1	1.16E+01		1.16E+01	5.42	1.50	4.77					VU ICP-OES	11/3/11 2:46 PM	EPA Interlab LRef 1315 SWA
V	SWA-LRef-1315-T09-F	1	1.52E+01		1.52E+01	0.54	1.50	4.77					VU ICP-OES	11/3/11 2:47 PM	EPA Interlab LRef 1315 SWA

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	SWA-LRef-1315-T01-D	1	1.46E+00	E	1.46E+00	0.34	1.00	3.18					VU ICP-OES	3/15/11 10:43 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T02-D	1	2.57E+00	E	2.57E+00	2.13	1.00	3.18					VU ICP-OES	3/15/11 10:45 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T03-D	1	1.50E+01		1.50E+01	0.21	1.00	3.18	10000	1000	1.02E+03	101%	VU ICP-OES	3/15/11 10:46 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T04-D	1	1.47E+01		1.47E+01	2.11	1.00	3.18					VU ICP-OES	3/15/11 10:48 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T05-D	1	1.49E+01		1.49E+01	3.12	1.00	3.18					VU ICP-OES	3/15/11 10:50 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T06-D	1	1.47E+01		1.47E+01	1.86	1.00	3.18					VU ICP-OES	3/15/11 10:51 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T07-D	1	5.00E-01	U1/2	5.00E-01	5.95	1.00	3.18					VU ICP-OES	3/15/11 10:53 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T08-D	1	5.00E-01	U1/2	5.00E-01	9.78	1.00	3.18					VU ICP-OES	3/15/11 10:55 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T09-D	1	1.43E+01		1.43E+01	2.06	1.00	3.18					VU ICP-OES	3/15/11 10:56 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T01-E	1	7.35E+00		7.35E+00	0.70	1.00	3.18					VU ICP-OES	3/15/11 11:01 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T02-E	1	2.57E+00	E	2.57E+00	5.43	1.00	3.18					VU ICP-OES	3/15/11 11:03 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T03-E	1	1.50E+01		1.50E+01	1.80	1.00	3.18	10000	1000	9.36E+02	92%	VU ICP-OES	3/15/11 11:05 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T04-E	1	2.70E+01		2.70E+01	2.30	1.00	3.18					VU ICP-OES	3/15/11 11:06 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T05-E	1	1.39E+01		1.39E+01	1.79	1.00	3.18					VU ICP-OES	3/15/11 11:08 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T06-E	1	1.44E+01		1.44E+01	3.12	1.00	3.18					VU ICP-OES	3/15/11 11:10 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T07-E	1	1.21E+00	E	1.21E+00	6.54	1.00	3.18					VU ICP-OES	3/15/11 11:11 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T08-E	1	1.53E+00	E	1.53E+00	8.54	1.00	3.18					VU ICP-OES	3/15/11 11:13 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T09-E	1	1.47E+01		1.47E+01	1.22	1.00	3.18					VU ICP-OES	3/15/11 11:15 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T01-F	1	6.77E+00		6.77E+00	1.85	1.00	3.18					VU ICP-OES	3/15/11 11:16 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T02-F	1	2.51E+00	E	2.51E+00	6.52	1.00	3.18					VU ICP-OES	3/15/11 11:18 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T03-F	1	1.55E+01		1.55E+01	1.98	1.00	3.18	10000	1000	1.02E+03	100%	VU ICP-OES	3/15/11 11:19 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T04-F	1	1.45E+01		1.45E+01	1.58	1.00	3.18					VU ICP-OES	3/15/11 11:21 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T05-F	1	1.38E+01		1.38E+01	1.00	1.00	3.18					VU ICP-OES	3/15/11 11:23 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T06-F	1	1.41E+01		1.41E+01	3.10	1.00	3.18					VU ICP-OES	3/15/11 11:24 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T07-F	1	2.09E+00	E	2.09E+00	7.41	1.00	3.18					VU ICP-OES	3/15/11 11:26 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T08-F	1	5.00E-01	U1/2	5.00E-01	17.67	1.00	3.18					VU ICP-OES	3/15/11 11:28 AM	EPA Interlab LRef 1315 SWA
Zn	SWA-LRef-1315-T09-F	1	1.41E+01		1.41E+01	1.20	1.00	3.18					VU ICP-OES	3/15/11 11:29 AM	EPA Interlab LRef 1315 SWA

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L01-1315-T01-A	1	1.26E+01		1.26E+01	11.13	1.00	3.18					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T02-A	1	2.14E+01		2.14E+01	0.61	1.00	3.18					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T03-A	1	1.33E+01		1.33E+01	1.72	1.00	3.18	10000	1000	9.80E+02	97%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T04-A	1	3.05E+01		3.05E+01	7.85	1.00	3.18					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T05-A	1	3.28E+01		3.28E+01	4.92	1.00	3.18					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T06-A	1	3.95E+01		3.95E+01	7.88	1.00	3.18					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T07-A	1	4.74E+01		4.74E+01	0.93	1.00	3.18					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T08-A	1	4.41E+01		4.41E+01	5.08	1.00	3.18					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T09-A	1	4.38E+01		4.38E+01	3.63	1.00	3.18					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T01-B	1	1.37E+01		1.37E+01	2.09	1.00	3.18					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T02-B	1	1.88E+01		1.88E+01	4.97	1.00	3.18					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T03-B	1	1.95E+01		1.95E+01	8.76	1.00	3.18	10000	1000	9.30E+02	91%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T04-B	1	3.93E+01		3.93E+01	1.18	1.00	3.18					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T05-B	1	2.58E+01		2.58E+01	5.19	1.00	3.18					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T06-B	1	4.82E+01		4.82E+01	1.58	1.00	3.18					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T07-B	1	6.09E+01		6.09E+01	1.66	1.00	3.18					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T08-B	1	4.76E+01		4.76E+01	4.43	1.00	3.18					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T09-B	1	5.18E+01		5.18E+01	9.24	1.00	3.18					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T01-C	1	1.14E+01		1.14E+01	8.42	1.00	3.18					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T02-C	1	1.23E+01		1.23E+01	9.54	1.00	3.18					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T03-C	1	1.22E+01		1.22E+01	5.00	1.00	3.18	10000	1000	9.38E+02	93%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T04-C	1	2.80E+01		2.80E+01	1.98	1.00	3.18					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T05-C	1	3.24E+01		3.24E+01	7.41	1.00	3.18					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T06-C	1	4.93E+01		4.93E+01	2.94	1.00	3.18					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T07-C	1	3.87E+01		3.87E+01	2.34	1.00	3.18					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T08-C	1	5.02E+01		5.02E+01	1.31	1.00	3.18					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-T09-C	1	4.07E+01		4.07E+01	5.45	1.00	3.18					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-M01-A	1	1.30E+00	E	1.30E+00	6.66	1.00	3.18					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-M02-A	1	1.25E+00	E	1.25E+00	11.33	1.00	3.18					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	9.18	1.00	3.18					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	12.17	1.00	3.18					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	3.86	1.00	3.18					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	2.48	1.00	3.18					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	9.82	1.00	3.18					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	5.91	1.00	3.18					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Al	CFS-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	13.29	1.00	3.18					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L01-1315-T01-A	1	9.09E+00	E	9.09E+00	17.82	7.50	23.90					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T02-A	1	1.01E+01	E	1.01E+01	6.42	7.50	23.90					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T03-A	1	1.04E+01	E	1.04E+01	4.32	7.50	23.90	10000	1000	9.90E+02	98%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T04-A	1	1.45E+01	E	1.45E+01	14.00	7.50	23.90					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T05-A	1	1.08E+01	E	1.08E+01	10.71	7.50	23.90					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T06-A	1	1.32E+01	E	1.32E+01	9.61	7.50	23.90					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T07-A	1	1.27E+01	E	1.27E+01	4.08	7.50	23.90					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T08-A	1	1.08E+01	E	1.08E+01	4.64	7.50	23.90					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T09-A	1	9.23E+00	E	9.23E+00	15.68	7.50	23.90					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T01-B	1	1.28E+01	E	1.28E+01	10.05	7.50	23.90					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T02-B	1	9.63E+00	E	9.63E+00	14.23	7.50	23.90					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T03-B	1	1.28E+01	E	1.28E+01	11.92	7.50	23.90	10000	1000	9.35E+02	92%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T04-B	1	1.08E+01	E	1.08E+01	9.57	7.50	23.90					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T05-B	1	8.42E+00	E	8.42E+00	5.61	7.50	23.90					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T06-B	1	1.39E+01	E	1.39E+01	6.33	7.50	23.90					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T07-B	1	1.40E+01	E	1.40E+01	5.96	7.50	23.90					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T08-B	1	1.13E+01	E	1.13E+01	12.64	7.50	23.90					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T09-B	1	8.43E+00	E	8.43E+00	6.42	7.50	23.90					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T01-C	1	7.95E+00	E	7.95E+00	7.73	7.50	23.90					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T02-C	1	1.26E+01	E	1.26E+01	19.92	7.50	23.90					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T03-C	1	1.14E+01	E	1.14E+01	25.01	7.50	23.90	10000	1000	9.46E+02	93%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T04-C	1	1.16E+01	E	1.16E+01	21.04	7.50	23.90					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T05-C	1	1.29E+01	E	1.29E+01	9.40	7.50	23.90					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T06-C	1	1.41E+01	E	1.41E+01	17.43	7.50	23.90					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T07-C	1	1.44E+01	E	1.44E+01	9.78	7.50	23.90					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T08-C	1	1.25E+01	E	1.25E+01	6.61	7.50	23.90					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-T09-C	1	1.03E+01	E	1.03E+01	9.50	7.50	23.90					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	37.17	7.50	23.90					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	28.62	7.50	23.90					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	31.90	7.50	23.90					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	29.24	7.50	23.90					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	30.41	7.50	23.90					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	37.07	7.50	23.90					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	27.54	7.50	23.90					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	23.98	7.50	23.90					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Sb	CFS-L01-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	16.98	7.50	23.90					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L01-1315-T01-A	1	5.50E+00	U1/2	5.50E+00	5.23	11.00	35.00					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T02-A	1	1.30E+01	E	1.30E+01	11.79	11.00	35.00					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T03-A	1	1.67E+01	E	1.67E+01	4.01	11.00	35.00	10000	1000	9.69E+02	95%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T04-A	1	1.29E+01	E	1.29E+01	24.84	11.00	35.00					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T05-A	1	1.53E+01	E	1.53E+01	8.12	11.00	35.00					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T06-A	1	1.18E+01	E	1.18E+01	29.85	11.00	35.00					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T07-A	1	5.50E+00	U1/2	5.50E+00	63.37	11.00	35.00					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T08-A	1	5.50E+00	U1/2	5.50E+00	23.44	11.00	35.00					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T09-A	1	5.50E+00	U1/2	5.50E+00	38.70	11.00	35.00					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T01-B	1	5.50E+00	U1/2	5.50E+00	48.32	11.00	35.00					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T02-B	1	1.18E+01	E	1.18E+01	25.60	11.00	35.00					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T03-B	1	1.20E+01	E	1.20E+01	12.43	11.00	35.00	10000	1000	9.35E+02	92%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T04-B	1	1.47E+01	E	1.47E+01	19.95	11.00	35.00					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T05-B	1	1.73E+01	E	1.73E+01	7.88	11.00	35.00					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T06-B	1	1.54E+01	E	1.54E+01	22.54	11.00	35.00					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T07-B	1	5.50E+00	U1/2	5.50E+00	36.59	11.00	35.00					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T08-B	1	5.50E+00	U1/2	5.50E+00	13.79	11.00	35.00					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T09-B	1	5.50E+00	U1/2	5.50E+00	9.66	11.00	35.00					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T01-C	1	5.50E+00	U1/2	5.50E+00	16.08	11.00	35.00					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T02-C	1	1.24E+01	E	1.24E+01	27.86	11.00	35.00					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T03-C	1	1.25E+01	E	1.25E+01	36.19	11.00	35.00	10000	1000	9.26E+02	91%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T04-C	1	1.34E+01	E	1.34E+01	12.14	11.00	35.00					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T05-C	1	1.80E+01	E	1.80E+01	27.56	11.00	35.00					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T06-C	1	1.50E+01	E	1.50E+01	34.49	11.00	35.00					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T07-C	1	5.50E+00	U1/2	5.50E+00	7.03	11.00	35.00					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T08-C	1	5.50E+00	U1/2	5.50E+00	37.58	11.00	35.00					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-T09-C	1	5.50E+00	U1/2	5.50E+00	21.89	11.00	35.00					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	114.42	11.00	35.00					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	48.99	11.00	35.00					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	16.52	11.00	35.00					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	42.37	11.00	35.00					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	62.76	11.00	35.00					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	64.22	11.00	35.00					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	10.67	11.00	35.00					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	53.77	11.00	35.00					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
As	CFS-L01-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	80.82	11.00	35.00					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L01-1315-T01-A	1	4.68E+00		4.68E+00	6.83	1.00	3.18					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T02-A	1	3.26E+01		3.26E+01	3.39	1.00	3.18					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T03-A	1	1.92E+01		1.92E+01	4.80	1.00	3.18	10000	1000	8.69E+02	85%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T04-A	1	8.94E+01		8.94E+01	5.15	1.00	3.18					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T05-A	1	8.90E+01		8.90E+01	1.50	1.00	3.18					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T06-A	1	1.32E+02		1.32E+02	3.07	1.00	3.18					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T07-A	1	1.17E+02		1.17E+02	0.91	1.00	3.18					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T08-A	1	6.37E+01		6.37E+01	2.31	1.00	3.18					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T09-A	1	9.88E+01		9.88E+01	1.61	1.00	3.18					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T01-B	1	7.14E+00		7.14E+00	1.55	1.00	3.18					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T02-B	1	2.60E+01		2.60E+01	3.66	1.00	3.18					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T03-B	1	2.23E+01		2.23E+01	2.79	1.00	3.18	10000	1000	8.85E+02	86%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T04-B	1	8.11E+01		8.11E+01	1.05	1.00	3.18					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T05-B	1	9.36E+01		9.36E+01	0.44	1.00	3.18					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T06-B	1	1.39E+02		1.39E+02	1.21	1.00	3.18					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T07-B	1	1.19E+02		1.19E+02	0.56	1.00	3.18					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T08-B	1	6.36E+01		6.36E+01	0.96	1.00	3.18					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T09-B	1	1.06E+02		1.06E+02	2.10	1.00	3.18					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T01-C	1	6.07E+00		6.07E+00	1.90	1.00	3.18					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T02-C	1	2.31E+01		2.31E+01	3.61	1.00	3.18					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T03-C	1	2.27E+01		2.27E+01	1.49	1.00	3.18	10000	1000	8.76E+02	85%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T04-C	1	8.51E+01		8.51E+01	1.80	1.00	3.18					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T05-C	1	9.57E+01		9.57E+01	1.40	1.00	3.18					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T06-C	1	1.44E+02		1.44E+02	2.47	1.00	3.18					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T07-C	1	1.27E+02		1.27E+02	2.05	1.00	3.18					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T08-C	1	6.67E+01		6.67E+01	1.67	1.00	3.18					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-T09-C	1	1.09E+02		1.09E+02	1.38	1.00	3.18					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	5.82	1.00	3.18					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	7.72	1.00	3.18					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	8.95	1.00	3.18					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	8.18	1.00	3.18					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	5.23	1.00	3.18					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	0.92	1.00	3.18					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	4.66	1.00	3.18					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	7.27	1.00	3.18					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
B	CFS-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	5.96	1.00	3.18					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L01-1315-T01-A	1	2.20E+01		2.20E+01	2.30	1.00	3.18					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T02-A	1	2.58E+01		2.58E+01	0.81	1.00	3.18					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T03-A	1	2.86E+01		2.86E+01	2.60	1.00	3.18	10000	1000	9.74E+02	95%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T04-A	1	3.08E+01		3.08E+01	4.72	1.00	3.18					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T05-A	1	3.11E+01		3.11E+01	1.44	1.00	3.18					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T06-A	1	3.78E+01		3.78E+01	2.28	1.00	3.18					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T07-A	1	3.44E+01		3.44E+01	1.14	1.00	3.18					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T08-A	1	2.73E+01		2.73E+01	2.11	1.00	3.18					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T09-A	1	3.01E+01		3.01E+01	0.73	1.00	3.18					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T01-B	1	2.45E+01		2.45E+01	5.85	1.00	3.18					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T02-B	1	2.88E+01		2.88E+01	1.93	1.00	3.18					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T03-B	1	2.93E+01		2.93E+01	1.33	1.00	3.18	10000	1000	9.46E+02	92%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T04-B	1	3.32E+01		3.32E+01	0.72	1.00	3.18					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T05-B	1	3.42E+01		3.42E+01	0.68	1.00	3.18					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T06-B	1	3.88E+01		3.88E+01	0.79	1.00	3.18					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T07-B	1	3.57E+01		3.57E+01	3.18	1.00	3.18					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T08-B	1	2.65E+01		2.65E+01	1.97	1.00	3.18					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T09-B	1	2.99E+01		2.99E+01	4.05	1.00	3.18					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T01-C	1	2.13E+01		2.13E+01	2.10	1.00	3.18					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T02-C	1	2.46E+01		2.46E+01	1.79	1.00	3.18					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T03-C	1	2.68E+01		2.68E+01	1.51	1.00	3.18	10000	1000	9.51E+02	92%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T04-C	1	3.12E+01		3.12E+01	0.17	1.00	3.18					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T05-C	1	3.23E+01		3.23E+01	1.54	1.00	3.18					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T06-C	1	3.74E+01		3.74E+01	1.60	1.00	3.18					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T07-C	1	3.56E+01		3.56E+01	0.90	1.00	3.18					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T08-C	1	2.87E+01		2.87E+01	1.55	1.00	3.18					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-T09-C	1	3.24E+01		3.24E+01	1.17	1.00	3.18					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	21.99	1.00	3.18					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	15.27	1.00	3.18					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	7.70	1.00	3.18					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	13.14	1.00	3.18					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	10.12	1.00	3.18					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	7.34	1.00	3.18					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	14.36	1.00	3.18					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	6.80	1.00	3.18					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Ba	CFS-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	10.71	1.00	3.18					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L01-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	52.24	1.90	6.00					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	13.92	1.90	6.00					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	25.33	1.90	6.00	10000	1000	9.94E+02	99%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	76.66	1.90	6.00					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	68.06	1.90	6.00					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	50.98	1.90	6.00					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	51.06	1.90	6.00					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	48.95	1.90	6.00					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	32.82	1.90	6.00					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	29.80	1.90	6.00					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	9.18	1.90	6.00					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	98.39	1.90	6.00	10000	1000	9.25E+02	92%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	11.87	1.90	6.00					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	16.56	1.90	6.00					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	36.92	1.90	6.00					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	45.39	1.90	6.00					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	88.42	1.90	6.00					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	36.97	1.90	6.00					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	2.12	1.90	6.00					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	31.31	1.90	6.00					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	38.93	1.90	6.00	10000	1000	9.46E+02	94%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	46.23	1.90	6.00					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	11.79	1.90	6.00					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	10.54	1.90	6.00					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	85.93	1.90	6.00					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	22.70	1.90	6.00					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	66.59	1.90	6.00					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	24.53	1.90	6.00					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	29.88	1.90	6.00					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	32.84	1.90	6.00					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	8.66	1.90	6.00					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	66.60	1.90	6.00					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	4.67	1.90	6.00					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	59.96	1.90	6.00					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	22.14	1.90	6.00					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Be	CFS-L01-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	61.87	1.90	6.00					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L01-1315-T01-A	1	8.94E+01		8.94E+01	0.93	2.20	7.00					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T02-A	1	2.84E+02		2.84E+02	0.84	2.20	7.00					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T03-A	1	2.25E+02		2.25E+02	1.61	2.20	7.00	10000	1000	1.13E+03	91%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T04-A	1	7.82E+02		7.82E+02	5.87	2.20	7.00					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T05-A	1	8.46E+02		8.46E+02	1.70	2.20	7.00					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T06-A	1	1.24E+03		1.24E+03	2.05	2.20	7.00					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T07-A	1	1.12E+03		1.12E+03	0.63	2.20	7.00					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T08-A	1	6.10E+02		6.10E+02	0.55	2.20	7.00					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T09-A	1	9.76E+02		9.76E+02	0.80	2.20	7.00					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T01-B	1	9.42E+01		9.42E+01	4.36	2.20	7.00					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T02-B	1	3.12E+02		3.12E+02	1.37	2.20	7.00					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T03-B	1	2.69E+02		2.69E+02	1.62	2.20	7.00	10000	1000	1.31E+03	104%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T04-B	1	7.25E+02		7.25E+02	0.25	2.20	7.00					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T05-B	1	8.79E+02		8.79E+02	1.19	2.20	7.00					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T06-B	1	1.27E+03		1.27E+03	0.70	2.20	7.00					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T07-B	1	1.10E+03		1.10E+03	1.90	2.20	7.00					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T08-B	1	6.16E+02		6.16E+02	1.65	2.20	7.00					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T09-B	1	1.02E+03		1.02E+03	2.89	2.20	7.00					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T01-C	1	9.71E+01		9.71E+01	2.05	2.20	7.00					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T02-C	1	2.59E+02		2.59E+02	0.95	2.20	7.00					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T03-C	1	2.78E+02		2.78E+02	1.14	2.20	7.00	10000	1000	1.29E+03	101%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T04-C	1	7.96E+02		7.96E+02	1.27	2.20	7.00					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T05-C	1	9.32E+02		9.32E+02	2.08	2.20	7.00					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T06-C	1	1.40E+03		1.40E+03	0.56	2.20	7.00					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T07-C	1	1.23E+03		1.23E+03	0.43	2.20	7.00					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T08-C	1	6.90E+02		6.90E+02	0.58	2.20	7.00					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-T09-C	1	1.10E+03		1.10E+03	0.82	2.20	7.00					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	21.87	2.20	7.00					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	11.08	2.20	7.00					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	26.16	2.20	7.00					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	22.29	2.20	7.00					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	19.30	2.20	7.00					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	20.29	2.20	7.00					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	17.98	2.20	7.00					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	24.28	2.20	7.00					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Cd	CFS-L01-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	25.88	2.20	7.00					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L01-1315-T01-A	1	1.82E+04		1.82E+04	0.73	2.60	8.30					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T02-A	1	3.48E+04		3.48E+04	0.52	2.60	8.30					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T03-A	1	2.26E+04		2.26E+04	0.89	2.60	8.30	10000	1000	2.36E+04	98%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T04-A	1	6.45E+04		6.45E+04	6.17	2.60	8.30					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T05-A	1	7.01E+04		7.01E+04	1.74	2.60	8.30					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T06-A	1	1.07E+05		1.07E+05	2.13	2.60	8.30					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T07-A	1	1.05E+05		1.05E+05	0.60	2.60	8.30					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T08-A	1	5.95E+04		5.95E+04	0.86	2.60	8.30					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T09-A	1	9.82E+04		9.82E+04	1.00	2.60	8.30					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T01-B	1	1.79E+04		1.79E+04	4.36	2.60	8.30					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T02-B	1	4.00E+04		4.00E+04	1.33	2.60	8.30					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T03-B	1	3.09E+04		3.09E+04	2.02	2.60	8.30	10000	1000	3.18E+04	93%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T04-B	1	6.36E+04		6.36E+04	0.48	2.60	8.30					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T05-B	1	7.66E+04		7.66E+04	1.11	2.60	8.30					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T06-B	1	1.12E+05		1.12E+05	0.70	2.60	8.30					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T07-B	1	1.05E+05		1.05E+05	1.89	2.60	8.30					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T08-B	1	6.13E+04		6.13E+04	1.87	2.60	8.30					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T09-B	1	1.05E+05		1.05E+05	2.77	2.60	8.30					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T01-C	1	1.91E+04		1.91E+04	1.52	2.60	8.30					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T02-C	1	3.01E+04		3.01E+04	0.98	2.60	8.30					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T03-C	1	3.02E+04		3.02E+04	1.53	2.60	8.30	10000	1000	3.11E+04	92%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T04-C	1	6.88E+04		6.88E+04	1.51	2.60	8.30					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T05-C	1	7.83E+04		7.83E+04	2.18	2.60	8.30					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T06-C	1	1.20E+05		1.20E+05	1.11	2.60	8.30					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T07-C	1	1.11E+05		1.11E+05	0.52	2.60	8.30					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T08-C	1	6.57E+04		6.57E+04	0.44	2.60	8.30					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-T09-C	1	1.08E+05		1.08E+05	1.24	2.60	8.30					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-M01-A	1	6.80E+01		6.80E+01	8.21	2.60	8.30					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-M02-A	1	5.96E+01		5.96E+01	8.59	2.60	8.30					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-M03-A	1	4.41E+01		4.41E+01	2.35	2.60	8.30					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-M04-A	1	5.92E+01		5.92E+01	4.86	2.60	8.30					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-M05-A	1	3.69E+01		3.69E+01	5.67	2.60	8.30					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-M06-A	1	4.46E+01		4.46E+01	15.99	2.60	8.30					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-M07-A	1	4.30E+01		4.30E+01	8.22	2.60	8.30					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-M08-A	1	3.24E+01		3.24E+01	12.99	2.60	8.30					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Ca	CFS-L01-1315-M09-A	1	1.61E+01		1.61E+01	8.31	2.60	8.30					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L01-1315-T01-A	1	6.00E-01	U1/2	6.00E-01	67.45	1.20	3.82					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T02-A	1	6.00E-01	U1/2	6.00E-01	55.60	1.20	3.82					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T03-A	1	6.00E-01	U1/2	6.00E-01	40.52	1.20	3.82	10000	1000	9.73E+02	97%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T04-A	1	6.00E-01	U1/2	6.00E-01	21.03	1.20	3.82					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T05-A	1	6.00E-01	U1/2	6.00E-01	9.69	1.20	3.82					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T06-A	1	6.00E-01	U1/2	6.00E-01	45.07	1.20	3.82					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T07-A	1	6.00E-01	U1/2	6.00E-01	25.86	1.20	3.82					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T08-A	1	6.00E-01	U1/2	6.00E-01	11.91	1.20	3.82					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T09-A	1	6.00E-01	U1/2	6.00E-01	59.38	1.20	3.82					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T01-B	1	6.00E-01	U1/2	6.00E-01	75.30	1.20	3.82					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T02-B	1	6.00E-01	U1/2	6.00E-01	43.62	1.20	3.82					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T03-B	1	6.00E-01	U1/2	6.00E-01	36.47	1.20	3.82	10000	1000	9.06E+02	91%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T04-B	1	6.00E-01	U1/2	6.00E-01	18.11	1.20	3.82					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T05-B	1	6.00E-01	U1/2	6.00E-01	73.18	1.20	3.82					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T06-B	1	6.00E-01	U1/2	6.00E-01	10.45	1.20	3.82					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T07-B	1	6.00E-01	U1/2	6.00E-01	59.32	1.20	3.82					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T08-B	1	6.00E-01	U1/2	6.00E-01	68.78	1.20	3.82					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T09-B	1	6.00E-01	U1/2	6.00E-01	31.61	1.20	3.82					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T01-C	1	6.00E-01	U1/2	6.00E-01	37.71	1.20	3.82					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T02-C	1	6.00E-01	U1/2	6.00E-01	7.43	1.20	3.82					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T03-C	1	6.00E-01	U1/2	6.00E-01	18.19	1.20	3.82	10000	1000	9.22E+02	92%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T04-C	1	6.00E-01	U1/2	6.00E-01	77.40	1.20	3.82					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T05-C	1	6.00E-01	U1/2	6.00E-01	28.10	1.20	3.82					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T06-C	1	6.00E-01	U1/2	6.00E-01	11.35	1.20	3.82					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T07-C	1	6.00E-01	U1/2	6.00E-01	98.71	1.20	3.82					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T08-C	1	6.00E-01	U1/2	6.00E-01	79.90	1.20	3.82					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-T09-C	1	6.00E-01	U1/2	6.00E-01	15.61	1.20	3.82					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	59.55	1.20	3.82					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	34.10	1.20	3.82					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	47.29	1.20	3.82					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	52.60	1.20	3.82					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	24.90	1.20	3.82					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	75.27	1.20	3.82					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	57.38	1.20	3.82					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	15.33	1.20	3.82					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Cr	CFS-L01-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	49.43	1.20	3.82					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L01-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	32.51	1.80	5.72					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T02-A	1	6.15E+00		6.15E+00	11.14	1.80	5.72					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T03-A	1	4.89E+00	E	4.89E+00	9.21	1.80	5.72	10000	1000	9.98E+02	99%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T04-A	1	2.28E+01		2.28E+01	7.42	1.80	5.72					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T05-A	1	2.62E+01		2.62E+01	2.18	1.80	5.72					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T06-A	1	4.00E+01		4.00E+01	1.41	1.80	5.72					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T07-A	1	3.77E+01		3.77E+01	1.18	1.80	5.72					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T08-A	1	1.92E+01		1.92E+01	3.34	1.80	5.72					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T09-A	1	3.28E+01		3.28E+01	1.44	1.80	5.72					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	41.98	1.80	5.72					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T02-B	1	5.94E+00		5.94E+00	10.92	1.80	5.72					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T03-B	1	6.75E+00		6.75E+00	8.67	1.80	5.72	10000	1000	9.42E+02	94%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T04-B	1	2.02E+01		2.02E+01	6.42	1.80	5.72					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T05-B	1	2.62E+01		2.62E+01	1.80	1.80	5.72					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T06-B	1	4.03E+01		4.03E+01	0.95	1.80	5.72					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T07-B	1	3.58E+01		3.58E+01	1.65	1.80	5.72					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T08-B	1	1.96E+01		1.96E+01	3.23	1.80	5.72					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T09-B	1	3.38E+01		3.38E+01	3.03	1.80	5.72					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	9.73	1.80	5.72					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T02-C	1	5.44E+00	E	5.44E+00	16.27	1.80	5.72					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T03-C	1	6.64E+00		6.64E+00	5.44	1.80	5.72	10000	1000	9.53E+02	95%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T04-C	1	2.17E+01		2.17E+01	4.50	1.80	5.72					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T05-C	1	2.80E+01		2.80E+01	0.37	1.80	5.72					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T06-C	1	4.36E+01		4.36E+01	2.37	1.80	5.72					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T07-C	1	3.98E+01		3.98E+01	2.12	1.80	5.72					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T08-C	1	2.23E+01		2.23E+01	3.63	1.80	5.72					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-T09-C	1	3.51E+01		3.51E+01	2.93	1.80	5.72					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	36.02	1.80	5.72					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	4.60	1.80	5.72					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	17.66	1.80	5.72					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	34.89	1.80	5.72					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	45.05	1.80	5.72					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	23.68	1.80	5.72					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	22.37	1.80	5.72					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	16.96	1.80	5.72					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Co	CFS-L01-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	38.83	1.80	5.72					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L01-1315-T01-A	1	7.33E+01		7.33E+01	1.56	3.70	11.80					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T02-A	1	1.96E+02		1.96E+02	1.17	3.70	11.80					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T03-A	1	1.75E+02		1.75E+02	1.76	3.70	11.80	10000	1000	1.15E+03	97%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T04-A	1	3.10E+02		3.10E+02	4.38	3.70	11.80					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T05-A	1	3.28E+02		3.28E+02	2.59	3.70	11.80					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T06-A	1	4.84E+02		4.84E+02	1.36	3.70	11.80					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T07-A	1	5.50E+02		5.50E+02	1.49	3.70	11.80					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T08-A	1	3.87E+02		3.87E+02	1.00	3.70	11.80					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T09-A	1	5.59E+02		5.59E+02	0.55	3.70	11.80					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T01-B	1	1.07E+02		1.07E+02	4.43	3.70	11.80					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T02-B	1	1.90E+02		1.90E+02	3.47	3.70	11.80					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T03-B	1	1.74E+02		1.74E+02	1.30	3.70	11.80	10000	1000	1.13E+03	96%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T04-B	1	2.68E+02		2.68E+02	1.22	3.70	11.80					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T05-B	1	3.73E+02		3.73E+02	0.24	3.70	11.80					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T06-B	1	4.93E+02		4.93E+02	0.87	3.70	11.80					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T07-B	1	4.99E+02		4.99E+02	2.30	3.70	11.80					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T08-B	1	3.72E+02		3.72E+02	1.86	3.70	11.80					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T09-B	1	5.49E+02		5.49E+02	2.83	3.70	11.80					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T01-C	1	9.80E+01		9.80E+01	1.50	3.70	11.80					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T02-C	1	1.69E+02		1.69E+02	0.24	3.70	11.80					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T03-C	1	1.78E+02		1.78E+02	2.54	3.70	11.80	10000	1000	1.19E+03	102%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T04-C	1	3.57E+02		3.57E+02	1.64	3.70	11.80					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T05-C	1	3.69E+02		3.69E+02	2.36	3.70	11.80					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T06-C	1	5.96E+02		5.96E+02	1.46	3.70	11.80					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T07-C	1	5.74E+02		5.74E+02	1.16	3.70	11.80					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T08-C	1	4.02E+02		4.02E+02	0.55	3.70	11.80					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-T09-C	1	6.38E+02		6.38E+02	0.70	3.70	11.80					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	6.26	3.70	11.80					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	10.55	3.70	11.80					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	8.55	3.70	11.80					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	4.16	3.70	11.80					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	5.88	3.70	11.80					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	0.86	3.70	11.80					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	13.54	3.70	11.80					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	32.54	3.70	11.80					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Cu	CFS-L01-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	0.35	3.70	11.80					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L01-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	3.40	2.00	6.40					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	10.14	2.00	6.40					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	4.50	2.00	6.40	10000	1000	9.93E+02	99%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	7.71	2.00	6.40					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	1.65	2.00	6.40					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	5.48	2.00	6.40					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	4.15	2.00	6.40					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	14.07	2.00	6.40					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	1.21	2.00	6.40					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	17.67	2.00	6.40					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	4.49	2.00	6.40					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	3.78	2.00	6.40	10000	1000	9.38E+02	94%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	1.63	2.00	6.40					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	6.78	2.00	6.40					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	6.29	2.00	6.40					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	1.34	2.00	6.40					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	1.91	2.00	6.40					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	3.80	2.00	6.40					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	2.92	2.00	6.40					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	6.27	2.00	6.40					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	7.23	2.00	6.40	10000	1000	9.38E+02	94%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	0.95	2.00	6.40					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	5.70	2.00	6.40					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	3.99	2.00	6.40					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	1.97	2.00	6.40					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	1.98	2.00	6.40					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	0.31	2.00	6.40					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	2.35	2.00	6.40					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	2.46	2.00	6.40					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	9.02	2.00	6.40					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	2.74	2.00	6.40					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	2.87	2.00	6.40					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	8.70	2.00	6.40					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	4.52	2.00	6.40					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	3.06	2.00	6.40					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Fe	CFS-L01-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	3.79	2.00	6.40					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L01-1315-T01-A	1	6.28E+01		6.28E+01	4.36	6.80	21.60					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T02-A	1	1.59E+02		1.59E+02	0.89	6.80	21.60					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T03-A	1	7.61E+01		7.61E+01	3.83	6.80	21.60	10000	1000	1.01E+03	94%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T04-A	1	2.28E+02		2.28E+02	6.39	6.80	21.60					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T05-A	1	2.14E+02		2.14E+02	0.80	6.80	21.60					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T06-A	1	3.15E+02		3.15E+02	3.16	6.80	21.60					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T07-A	1	3.85E+02		3.85E+02	0.46	6.80	21.60					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T08-A	1	2.07E+02		2.07E+02	0.69	6.80	21.60					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T09-A	1	3.80E+02		3.80E+02	1.25	6.80	21.60					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T01-B	1	6.30E+01		6.30E+01	4.91	6.80	21.60					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T02-B	1	2.14E+02		2.14E+02	0.98	6.80	21.60					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T03-B	1	1.22E+02		1.22E+02	1.87	6.80	21.60	10000	1000	1.01E+03	89%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T04-B	1	1.89E+02		1.89E+02	2.10	6.80	21.60					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T05-B	1	2.94E+02		2.94E+02	2.27	6.80	21.60					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T06-B	1	3.38E+02		3.38E+02	1.24	6.80	21.60					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T07-B	1	3.44E+02		3.44E+02	2.45	6.80	21.60					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T08-B	1	1.92E+02		1.92E+02	0.84	6.80	21.60					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T09-B	1	3.78E+02		3.78E+02	3.75	6.80	21.60					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T01-C	1	6.77E+01		6.77E+01	4.15	6.80	21.60					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T02-C	1	1.54E+02		1.54E+02	2.46	6.80	21.60					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T03-C	1	1.08E+02		1.08E+02	1.47	6.80	21.60	10000	1000	1.02E+03	91%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T04-C	1	2.80E+02		2.80E+02	1.17	6.80	21.60					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T05-C	1	2.68E+02		2.68E+02	3.20	6.80	21.60					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T06-C	1	4.73E+02		4.73E+02	1.94	6.80	21.60					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T07-C	1	3.93E+02		3.93E+02	0.67	6.80	21.60					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T08-C	1	2.13E+02		2.13E+02	1.22	6.80	21.60					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-T09-C	1	4.61E+02		4.61E+02	3.07	6.80	21.60					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	16.66	6.80	21.60					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	6.75	6.80	21.60					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	7.00	6.80	21.60					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	22.19	6.80	21.60					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	2.22	6.80	21.60					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	16.49	6.80	21.60					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	22.83	6.80	21.60					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	9.13	6.80	21.60					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Pb	CFS-L01-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	2.29	6.80	21.60					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L01-1315-T01-A	1	2.08E+00	E	2.08E+00	8.59	1.90	6.00					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T02-A	1	4.80E+00	E	4.80E+00	27.67	1.90	6.00					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T03-A	1	4.94E+00	E	4.94E+00	44.81	1.90	6.00	10000	1000	8.99E+02	89%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T04-A	1	5.39E+00	E	5.39E+00	25.31	1.90	6.00					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T05-A	1	5.08E+00	E	5.08E+00	19.59	1.90	6.00					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T06-A	1	7.06E+00		7.06E+00	9.14	1.90	6.00					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T07-A	1	6.60E+00		6.60E+00	1.38	1.90	6.00					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T08-A	1	6.67E+00		6.67E+00	4.75	1.90	6.00					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T09-A	1	6.23E+00		6.23E+00	16.62	1.90	6.00					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T01-B	1	2.34E+00	E	2.34E+00	5.45	1.90	6.00					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T02-B	1	4.95E+00	E	4.95E+00	24.48	1.90	6.00					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T03-B	1	5.10E+00	E	5.10E+00	15.44	1.90	6.00	10000	1000	8.73E+02	87%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T04-B	1	5.75E+00	E	5.75E+00	38.46	1.90	6.00					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T05-B	1	5.76E+00	E	5.76E+00	33.16	1.90	6.00					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T06-B	1	5.97E+00	E	5.97E+00	17.52	1.90	6.00					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T07-B	1	6.83E+00		6.83E+00	1.08	1.90	6.00					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T08-B	1	6.70E+00		6.70E+00	2.24	1.90	6.00					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T09-B	1	8.40E+00		8.40E+00	10.35	1.90	6.00					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T01-C	1	2.68E+00	E	2.68E+00	9.75	1.90	6.00					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T02-C	1	4.41E+00	E	4.41E+00	18.82	1.90	6.00					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T03-C	1	5.46E+00	E	5.46E+00	18.06	1.90	6.00	10000	1000	8.54E+02	85%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T04-C	1	6.99E+00		6.99E+00	2.03	1.90	6.00					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T05-C	1	6.12E+00		6.12E+00	1.50	1.90	6.00					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T06-C	1	4.98E+00	E	4.98E+00	17.81	1.90	6.00					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T07-C	1	6.68E+00		6.68E+00	1.53	1.90	6.00					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T08-C	1	5.51E+00	E	5.51E+00	1.91	1.90	6.00					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-T09-C	1	7.41E+00		7.41E+00	5.49	1.90	6.00					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	15.73	1.90	6.00					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	37.66	1.90	6.00					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	31.66	1.90	6.00					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	9.95	1.90	6.00					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	37.35	1.90	6.00					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	25.80	1.90	6.00					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	3.82	1.90	6.00					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	5.31	1.90	6.00					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Li	CFS-L01-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	30.10	1.90	6.00					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L01-1315-T01-A	1	3.04E+01		3.04E+01	0.83	2.00	6.40					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T02-A	1	1.86E+02		1.86E+02	1.71	2.00	6.40					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T03-A	1	1.53E+02		1.53E+02	1.41	2.00	6.40	10000	1000	1.05E+03	90%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T04-A	1	5.95E+02		5.95E+02	5.27	2.00	6.40					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T05-A	1	6.83E+02		6.83E+02	1.86	2.00	6.40					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T06-A	1	1.11E+03		1.11E+03	1.31	2.00	6.40					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T07-A	1	1.08E+03		1.08E+03	1.77	2.00	6.40					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T08-A	1	5.87E+02		5.87E+02	0.93	2.00	6.40					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T09-A	1	1.03E+03		1.03E+03	1.31	2.00	6.40					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T01-B	1	4.50E+01		4.50E+01	2.78	2.00	6.40					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T02-B	1	1.85E+02		1.85E+02	1.06	2.00	6.40					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T03-B	1	1.67E+02		1.67E+02	2.20	2.00	6.40	10000	1000	1.16E+03	99%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T04-B	1	5.43E+02		5.43E+02	1.08	2.00	6.40					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T05-B	1	6.76E+02		6.76E+02	1.47	2.00	6.40					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T06-B	1	1.10E+03		1.10E+03	0.59	2.00	6.40					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T07-B	1	1.05E+03		1.05E+03	1.22	2.00	6.40					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T08-B	1	5.88E+02		5.88E+02	2.34	2.00	6.40					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T09-B	1	1.05E+03		1.05E+03	6.27	2.00	6.40					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T01-C	1	4.43E+01		4.43E+01	1.59	2.00	6.40					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T02-C	1	1.62E+02		1.62E+02	0.83	2.00	6.40					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T03-C	1	1.80E+02		1.80E+02	0.63	2.00	6.40	10000	1000	1.20E+03	102%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T04-C	1	5.73E+02		5.73E+02	0.59	2.00	6.40					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T05-C	1	7.22E+02		7.22E+02	0.58	2.00	6.40					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T06-C	1	1.20E+03		1.20E+03	2.17	2.00	6.40					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T07-C	1	1.16E+03		1.16E+03	0.71	2.00	6.40					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T08-C	1	6.65E+02		6.65E+02	1.95	2.00	6.40					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-T09-C	1	1.07E+03		1.07E+03	0.70	2.00	6.40					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	1.37	2.00	6.40					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	1.06	2.00	6.40					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	1.66	2.00	6.40					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	0.91	2.00	6.40					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	1.18	2.00	6.40					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	2.05	2.00	6.40					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	4.61	2.00	6.40					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	3.16	2.00	6.40					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Mn	CFS-L01-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	4.19	2.00	6.40					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L01-1315-T01-A	1	1.85E+03		1.85E+03	0.62	1.00	3.18					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T02-A	1	1.10E+04		1.10E+04	0.64	1.00	3.18					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T03-A	1	9.24E+03		9.24E+03	1.78	1.00	3.18	10000	1000	1.02E+04	97%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T04-A	1	4.18E+04		4.18E+04	8.09	1.00	3.18					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T05-A	1	4.89E+04		4.89E+04	1.75	1.00	3.18					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T06-A	1	7.68E+04		7.68E+04	1.48	1.00	3.18					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T07-A	1	6.76E+04		6.76E+04	0.77	1.00	3.18					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T08-A	1	3.38E+04		3.38E+04	0.79	1.00	3.18					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T09-A	1	5.42E+04		5.42E+04	0.99	1.00	3.18					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T01-B	1	2.51E+03		2.51E+03	5.14	1.00	3.18					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T02-B	1	1.06E+04		1.06E+04	2.00	1.00	3.18					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T03-B	1	9.69E+03		9.69E+03	2.30	1.00	3.18	10000	1000	1.07E+04	99%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T04-B	1	3.70E+04		3.70E+04	1.13	1.00	3.18					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T05-B	1	5.05E+04		5.05E+04	1.22	1.00	3.18					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T06-B	1	8.11E+04		8.11E+04	0.38	1.00	3.18					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T07-B	1	7.17E+04		7.17E+04	1.53	1.00	3.18					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T08-B	1	3.64E+04		3.64E+04	2.68	1.00	3.18					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T09-B	1	5.93E+04		5.93E+04	3.37	1.00	3.18					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T01-C	1	2.37E+03		2.37E+03	2.92	1.00	3.18					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T02-C	1	8.94E+03		8.94E+03	0.70	1.00	3.18					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T03-C	1	1.04E+04		1.04E+04	2.23	1.00	3.18	10000	1000	1.14E+04	95%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T04-C	1	3.87E+04		3.87E+04	0.70	1.00	3.18					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T05-C	1	5.18E+04		5.18E+04	1.72	1.00	3.18					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T06-C	1	8.18E+04		8.18E+04	1.06	1.00	3.18					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T07-C	1	7.12E+04		7.12E+04	1.19	1.00	3.18					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T08-C	1	3.63E+04		3.63E+04	0.72	1.00	3.18					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-T09-C	1	5.51E+04		5.51E+04	2.26	1.00	3.18					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-M01-A	1	1.52E+01		1.52E+01	4.03	1.00	3.18					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-M02-A	1	2.05E+01		2.05E+01	9.43	1.00	3.18					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	27.10	1.00	3.18					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	23.09	1.00	3.18					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	12.66	1.00	3.18					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	2.28	1.00	3.18					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	39.10	1.00	3.18					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	24.70	1.00	3.18					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Mg	CFS-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	5.15	1.00	3.18					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L01-1315-T01-A	1	1.63E+00	E	1.63E+00	35.56	1.20	3.82					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T02-A	1	1.67E+00	E	1.67E+00	20.36	1.20	3.82					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T03-A	1	2.24E+00	E	2.24E+00	35.72	1.20	3.82	10000	1000	9.77E+02	97%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T04-A	1	2.58E+00	E	2.58E+00	36.15	1.20	3.82					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T05-A	1	2.61E+00	E	2.61E+00	6.85	1.20	3.82					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T06-A	1	2.35E+00	E	2.35E+00	7.17	1.20	3.82					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T07-A	1	2.80E+00	E	2.80E+00	34.13	1.20	3.82					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T08-A	1	2.34E+00	E	2.34E+00	21.10	1.20	3.82					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T09-A	1	2.10E+00	E	2.10E+00	14.80	1.20	3.82					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T01-B	1	1.53E+00	E	1.53E+00	24.53	1.20	3.82					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T02-B	1	1.93E+00	E	1.93E+00	16.38	1.20	3.82					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T03-B	1	2.50E+00	E	2.50E+00	26.81	1.20	3.82	10000	1000	9.27E+02	92%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T04-B	1	2.47E+00	E	2.47E+00	18.79	1.20	3.82					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T05-B	1	2.29E+00	E	2.29E+00	27.85	1.20	3.82					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T06-B	1	2.78E+00	E	2.78E+00	52.53	1.20	3.82					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T07-B	1	2.31E+00	E	2.31E+00	19.06	1.20	3.82					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T08-B	1	1.81E+00	E	1.81E+00	24.32	1.20	3.82					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T09-B	1	2.15E+00	E	2.15E+00	6.63	1.20	3.82					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T01-C	1	1.87E+00	E	1.87E+00	35.68	1.20	3.82					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T02-C	1	1.85E+00	E	1.85E+00	15.80	1.20	3.82					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T03-C	1	2.74E+00	E	2.74E+00	4.03	1.20	3.82	10000	1000	9.44E+02	94%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T04-C	1	2.82E+00	E	2.82E+00	20.90	1.20	3.82					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T05-C	1	2.62E+00	E	2.62E+00	15.82	1.20	3.82					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T06-C	1	2.82E+00	E	2.82E+00	30.70	1.20	3.82					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T07-C	1	2.10E+00	E	2.10E+00	35.83	1.20	3.82					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T08-C	1	1.56E+00	E	1.56E+00	22.11	1.20	3.82					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-T09-C	1	1.89E+00	E	1.89E+00	24.32	1.20	3.82					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	32.16	1.20	3.82					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	15.50	1.20	3.82					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	46.06	1.20	3.82					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	34.04	1.20	3.82					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	11.10	1.20	3.82					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	52.89	1.20	3.82					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	33.61	1.20	3.82					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	12.23	1.20	3.82					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Mo	CFS-L01-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	41.61	1.20	3.82					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L01-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	19.18	1.80	5.70					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T02-A	1	1.07E+01		1.07E+01	5.10	1.80	5.70					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T03-A	1	1.14E+01		1.14E+01	16.96	1.80	5.70	10000	1000	9.77E+02	97%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T04-A	1	3.85E+01		3.85E+01	2.06	1.80	5.70					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T05-A	1	4.41E+01		4.41E+01	0.77	1.80	5.70					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T06-A	1	6.76E+01		6.76E+01	2.35	1.80	5.70					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T07-A	1	5.85E+01		5.85E+01	2.12	1.80	5.70					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T08-A	1	3.20E+01		3.20E+01	1.49	1.80	5.70					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T09-A	1	5.04E+01		5.04E+01	3.05	1.80	5.70					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	13.83	1.80	5.70					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T02-B	1	1.38E+01		1.38E+01	9.12	1.80	5.70					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T03-B	1	1.37E+01		1.37E+01	8.37	1.80	5.70	10000	1000	9.47E+02	93%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T04-B	1	3.80E+01		3.80E+01	3.82	1.80	5.70					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T05-B	1	4.66E+01		4.66E+01	1.31	1.80	5.70					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T06-B	1	6.65E+01		6.65E+01	1.55	1.80	5.70					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T07-B	1	5.92E+01		5.92E+01	3.04	1.80	5.70					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T08-B	1	3.10E+01		3.10E+01	4.20	1.80	5.70					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T09-B	1	5.44E+01		5.44E+01	2.93	1.80	5.70					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	14.82	1.80	5.70					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T02-C	1	1.05E+01		1.05E+01	4.86	1.80	5.70					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T03-C	1	1.35E+01		1.35E+01	4.14	1.80	5.70	10000	1000	9.52E+02	94%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T04-C	1	4.04E+01		4.04E+01	4.27	1.80	5.70					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T05-C	1	4.94E+01		4.94E+01	2.30	1.80	5.70					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T06-C	1	7.46E+01		7.46E+01	1.93	1.80	5.70					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T07-C	1	6.42E+01		6.42E+01	1.85	1.80	5.70					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T08-C	1	3.53E+01		3.53E+01	2.89	1.80	5.70					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-T09-C	1	5.81E+01		5.81E+01	3.71	1.80	5.70					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	18.47	1.80	5.70					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	3.95	1.80	5.70					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	24.11	1.80	5.70					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	17.71	1.80	5.70					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	40.07	1.80	5.70					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	35.11	1.80	5.70					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	10.23	1.80	5.70					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	49.38	1.80	5.70					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Ni	CFS-L01-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	10.43	1.80	5.70					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L01-1315-T01-A	1	6.79E+00	E	6.79E+00	2.78	3.70	11.80					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T02-A	1	1.39E+01		1.39E+01	1.46	3.70	11.80					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T03-A	1	1.32E+01		1.32E+01	10.04	3.70	11.80	10000	1000	9.96E+02	98%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T04-A	1	1.81E+01		1.81E+01	2.05	3.70	11.80					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T05-A	1	1.26E+01		1.26E+01	8.46	3.70	11.80					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T06-A	1	1.05E+01	E	1.05E+01	6.36	3.70	11.80					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T07-A	1	1.28E+01		1.28E+01	1.36	3.70	11.80					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T08-A	1	9.28E+00	E	9.28E+00	6.22	3.70	11.80					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T09-A	1	5.08E+00	E	5.08E+00	28.63	3.70	11.80					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T01-B	1	7.76E+00	E	7.76E+00	3.77	3.70	11.80					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T02-B	1	1.26E+01		1.26E+01	1.64	3.70	11.80					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T03-B	1	1.24E+01		1.24E+01	3.41	3.70	11.80	10000	1000	9.96E+02	98%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T04-B	1	1.58E+01		1.58E+01	1.99	3.70	11.80					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T05-B	1	1.02E+01	E	1.02E+01	7.34	3.70	11.80					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T06-B	1	1.18E+01		1.18E+01	2.69	3.70	11.80					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T07-B	1	1.03E+01	E	1.03E+01	19.17	3.70	11.80					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T08-B	1	9.73E+00	E	9.73E+00	37.31	3.70	11.80					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T09-B	1	6.61E+00	E	6.61E+00	20.00	3.70	11.80					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T01-C	1	7.59E+00	E	7.59E+00	13.71	3.70	11.80					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T02-C	1	1.10E+01	E	1.10E+01	7.49	3.70	11.80					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T03-C	1	1.43E+01		1.43E+01	2.92	3.70	11.80	10000	1000	9.53E+02	94%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T04-C	1	1.73E+01		1.73E+01	4.91	3.70	11.80					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T05-C	1	1.59E+01		1.59E+01	6.86	3.70	11.80					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T06-C	1	1.31E+01		1.31E+01	3.94	3.70	11.80					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T07-C	1	9.97E+00	E	9.97E+00	7.58	3.70	11.80					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T08-C	1	8.27E+00	E	8.27E+00	10.97	3.70	11.80					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-T09-C	1	8.34E+00	E	8.34E+00	14.33	3.70	11.80					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	2.03	3.70	11.80					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	4.90	3.70	11.80					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	4.43	3.70	11.80					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	6.15	3.70	11.80					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	12.39	3.70	11.80					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	5.55	3.70	11.80					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	8.13	3.70	11.80					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	8.04	3.70	11.80					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
P	CFS-L01-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	16.38	3.70	11.80					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L01-1315-T01-A	1	2.06E+02		2.06E+02	0.09	1.60	5.09					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T02-A	1	1.51E+03		1.51E+03	0.55	1.60	5.09					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T03-A	1	1.17E+03		1.17E+03	0.94	1.60	5.09	10000	1000	2.15E+03	98%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T04-A	1	5.06E+03		5.06E+03	6.15	1.60	5.09					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T05-A	1	5.25E+03		5.25E+03	1.38	1.60	5.09					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T06-A	1	7.74E+03		7.74E+03	1.96	1.60	5.09					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T07-A	1	6.30E+03		6.30E+03	0.82	1.60	5.09					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T08-A	1	2.97E+03		2.97E+03	0.95	1.60	5.09					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T09-A	1	4.64E+03		4.64E+03	0.63	1.60	5.09					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T01-B	1	2.96E+02		2.96E+02	3.91	1.60	5.09					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T02-B	1	1.48E+03		1.48E+03	1.14	1.60	5.09					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T03-B	1	1.27E+03		1.27E+03	1.70	1.60	5.09	10000	1000	2.25E+03	98%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T04-B	1	4.75E+03		4.75E+03	0.43	1.60	5.09					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T05-B	1	5.52E+03		5.52E+03	1.31	1.60	5.09					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T06-B	1	8.12E+03		8.12E+03	0.79	1.60	5.09					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T07-B	1	6.41E+03		6.41E+03	1.50	1.60	5.09					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T08-B	1	3.03E+03		3.03E+03	1.80	1.60	5.09					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T09-B	1	4.82E+03		4.82E+03	2.67	1.60	5.09					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T01-C	1	2.77E+02		2.77E+02	2.57	1.60	5.09					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T02-C	1	1.34E+03		1.34E+03	0.78	1.60	5.09					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T03-C	1	1.38E+03		1.38E+03	1.39	1.60	5.09	10000	1000	2.53E+03	115%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T04-C	1	5.19E+03		5.19E+03	1.37	1.60	5.09					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T05-C	1	5.73E+03		5.73E+03	2.34	1.60	5.09					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T06-C	1	8.35E+03		8.35E+03	0.84	1.60	5.09					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T07-C	1	6.64E+03		6.64E+03	0.33	1.60	5.09					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T08-C	1	3.15E+03		3.15E+03	0.50	1.60	5.09					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-T09-C	1	4.78E+03		4.78E+03	1.06	1.60	5.09					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-M01-A	1	1.95E+01		1.95E+01	0.97	1.60	5.09					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-M02-A	1	1.46E+01		1.46E+01	2.57	1.60	5.09					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-M03-A	1	7.89E+00		7.89E+00	6.52	1.60	5.09					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-M04-A	1	2.31E+01		2.31E+01	5.74	1.60	5.09					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-M05-A	1	1.56E+01		1.56E+01	1.08	1.60	5.09					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-M06-A	1	8.18E+00		8.18E+00	4.43	1.60	5.09					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-M07-A	1	1.03E+01		1.03E+01	13.56	1.60	5.09					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-M08-A	1	1.08E+01		1.08E+01	3.48	1.60	5.09					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
K	CFS-L01-1315-M09-A	1	1.66E+01		1.66E+01	10.19	1.60	5.09					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L01-1315-T01-A	1	2.26E+01	E	2.26E+01	6.71	15.00	47.70					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T02-A	1	2.64E+01	E	2.64E+01	14.80	15.00	47.70					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T03-A	1	2.94E+01	E	2.94E+01	2.78	15.00	47.70	10000	1000	9.02E+02	87%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T04-A	1	7.41E+01		7.41E+01	2.12	15.00	47.70					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T05-A	1	5.76E+01		5.76E+01	12.99	15.00	47.70					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T06-A	1	8.63E+01		8.63E+01	1.29	15.00	47.70					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T07-A	1	6.57E+01		6.57E+01	7.64	15.00	47.70					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T08-A	1	3.71E+01	E	3.71E+01	23.79	15.00	47.70					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T09-A	1	3.99E+01	E	3.99E+01	15.59	15.00	47.70					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T01-B	1	2.38E+01	E	2.38E+01	15.79	15.00	47.70					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T02-B	1	2.72E+01	E	2.72E+01	9.55	15.00	47.70					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T03-B	1	1.82E+01	E	1.82E+01	7.49	15.00	47.70	10000	1000	8.90E+02	87%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T04-B	1	5.18E+01		5.18E+01	11.92	15.00	47.70					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T05-B	1	6.75E+01		6.75E+01	1.23	15.00	47.70					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T06-B	1	8.78E+01		8.78E+01	1.66	15.00	47.70					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T07-B	1	8.32E+01		8.32E+01	1.83	15.00	47.70					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T08-B	1	3.82E+01	E	3.82E+01	7.86	15.00	47.70					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T09-B	1	3.31E+01	E	3.31E+01	14.73	15.00	47.70					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T01-C	1	2.28E+01	E	2.28E+01	7.14	15.00	47.70					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T02-C	1	2.72E+01	E	2.72E+01	17.90	15.00	47.70					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T03-C	1	2.04E+01	E	2.04E+01	7.66	15.00	47.70	10000	1000	9.61E+02	94%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T04-C	1	5.09E+01		5.09E+01	7.16	15.00	47.70					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T05-C	1	7.68E+01		7.68E+01	9.13	15.00	47.70					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T06-C	1	1.01E+02		1.01E+02	7.71	15.00	47.70					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T07-C	1	6.17E+01		6.17E+01	1.19	15.00	47.70					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T08-C	1	3.57E+01	E	3.57E+01	5.66	15.00	47.70					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-T09-C	1	2.93E+01	E	2.93E+01	5.55	15.00	47.70					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	11.01	15.00	47.70					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	26.40	15.00	47.70					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	26.65	15.00	47.70					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	10.18	15.00	47.70					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	26.39	15.00	47.70					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	29.28	15.00	47.70					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	34.63	15.00	47.70					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	13.17	15.00	47.70					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Se	CFS-L01-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	19.90	15.00	47.70					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L01-1315-T01-A	1	5.37E+01		5.37E+01	8.89	1.10	3.50					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T02-A	1	2.34E+02		2.34E+02	2.00	1.10	3.50					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T03-A	1	2.04E+02		2.04E+02	1.45	1.10	3.50	10000	1000	1.10E+03	89%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T04-A	1	7.33E+02		7.33E+02	6.07	1.10	3.50					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T05-A	1	8.12E+02		8.12E+02	1.24	1.10	3.50					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T06-A	1	1.25E+03		1.25E+03	1.80	1.10	3.50					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T07-A	1	1.26E+03		1.26E+03	0.27	1.10	3.50					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T08-A	1	7.29E+02		7.29E+02	2.05	1.10	3.50					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T09-A	1	1.22E+03		1.22E+03	0.71	1.10	3.50					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T01-B	1	6.42E+01		6.42E+01	5.52	1.10	3.50					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T02-B	1	2.50E+02		2.50E+02	1.43	1.10	3.50					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T03-B	1	2.40E+02		2.40E+02	3.33	1.10	3.50	10000	1000	1.20E+03	96%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T04-B	1	6.67E+02		6.67E+02	0.71	1.10	3.50					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T05-B	1	8.17E+02		8.17E+02	1.09	1.10	3.50					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T06-B	1	1.26E+03		1.26E+03	0.92	1.10	3.50					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T07-B	1	1.22E+03		1.22E+03	1.49	1.10	3.50					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T08-B	1	7.56E+02		7.56E+02	2.44	1.10	3.50					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T09-B	1	1.24E+03		1.24E+03	2.29	1.10	3.50					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T01-C	1	6.31E+01		6.31E+01	4.52	1.10	3.50					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T02-C	1	2.19E+02		2.19E+02	1.73	1.10	3.50					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T03-C	1	2.33E+02		2.33E+02	1.62	1.10	3.50	10000	1000	1.16E+03	93%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T04-C	1	6.95E+02		6.95E+02	1.66	1.10	3.50					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T05-C	1	8.41E+02		8.41E+02	2.41	1.10	3.50					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T06-C	1	1.35E+03		1.35E+03	0.99	1.10	3.50					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T07-C	1	1.29E+03		1.29E+03	0.26	1.10	3.50					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T08-C	1	7.85E+02		7.85E+02	0.84	1.10	3.50					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-T09-C	1	1.26E+03		1.26E+03	0.89	1.10	3.50					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-M01-A	1	3.56E+00		3.56E+00	8.06	1.10	3.50					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	3.13	1.10	3.50					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	1.43	1.10	3.50					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	4.74	1.10	3.50					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	8.39	1.10	3.50					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	1.35	1.10	3.50					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	7.29	1.10	3.50					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	6.10	1.10	3.50					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Si	CFS-L01-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	1.92	1.10	3.50					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L01-1315-T01-A	1	9.34E+02		9.34E+02	0.56	2.50	8.00					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T02-A	1	5.52E+03		5.52E+03	0.29	2.50	8.00					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T03-A	1	4.54E+03		4.54E+03	0.21	2.50	8.00	10000	1000	5.42E+03	88%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T04-A	1	1.89E+04		1.89E+04	2.24	2.50	8.00					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T05-A	1	2.04E+04		2.04E+04	0.75	2.50	8.00					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T06-A	1	2.79E+04		2.79E+04	0.66	2.50	8.00					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T07-A	1	2.02E+04		2.02E+04	0.44	2.50	8.00					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T08-A	1	8.50E+03		8.50E+03	0.51	2.50	8.00					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T09-A	1	1.17E+04		1.17E+04	0.73	2.50	8.00					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T01-B	1	1.03E+03		1.03E+03	1.29	2.50	8.00					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T02-B	1	5.16E+03		5.16E+03	0.80	2.50	8.00					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T03-B	1	4.72E+03		4.72E+03	0.63	2.50	8.00	10000	1000	5.62E+03	90%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T04-B	1	1.83E+04		1.83E+04	0.93	2.50	8.00					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T05-B	1	2.08E+04		2.08E+04	0.29	2.50	8.00					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T06-B	1	2.91E+04		2.91E+04	0.50	2.50	8.00					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T07-B	1	2.02E+04		2.02E+04	1.03	2.50	8.00					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T08-B	1	8.37E+03		8.37E+03	0.71	2.50	8.00					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T09-B	1	1.16E+04		1.16E+04	0.26	2.50	8.00					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T01-C	1	9.24E+02		9.24E+02	1.22	2.50	8.00					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T02-C	1	4.66E+03		4.66E+03	0.24	2.50	8.00					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T03-C	1	5.12E+03		5.12E+03	0.29	2.50	8.00	10000	1000	6.08E+03	96%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T04-C	1	1.93E+04		1.93E+04	0.29	2.50	8.00					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T05-C	1	2.17E+04		2.17E+04	0.45	2.50	8.00					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T06-C	1	2.93E+04		2.93E+04	1.02	2.50	8.00					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T07-C	1	2.04E+04		2.04E+04	0.70	2.50	8.00					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T08-C	1	8.40E+03		8.40E+03	0.13	2.50	8.00					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-T09-C	1	1.13E+04		1.13E+04	0.41	2.50	8.00					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-M01-A	1	2.73E+01		2.73E+01	5.13	2.50	8.00					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-M02-A	1	1.69E+01		1.69E+01	2.99	2.50	8.00					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-M03-A	1	1.33E+01		1.33E+01	2.46	2.50	8.00					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-M04-A	1	1.62E+01		1.62E+01	1.54	2.50	8.00					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-M05-A	1	1.37E+01		1.37E+01	3.86	2.50	8.00					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-M06-A	1	3.08E+00	E	3.08E+00	2.87	2.50	8.00					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-M07-A	1	4.11E+00	E	4.11E+00	4.01	2.50	8.00					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-M08-A	1	2.80E+00	E	2.80E+00	2.35	2.50	8.00					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Na	CFS-L01-1315-M09-A	1	1.58E+01		1.58E+01	4.11	2.50	8.00					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L01-1315-T01-A	1	4.18E+01		4.18E+01	3.38	1.00	3.18					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T02-A	1	1.31E+02		1.31E+02	0.86	1.00	3.18					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T03-A	1	1.00E+02		1.00E+02	0.54	1.00	3.18	10000	1000	1.14E+03	104%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T04-A	1	3.56E+02		3.56E+02	6.24	1.00	3.18					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T05-A	1	3.97E+02		3.97E+02	1.48	1.00	3.18					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T06-A	1	6.35E+02		6.35E+02	2.20	1.00	3.18					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T07-A	1	6.26E+02		6.26E+02	0.58	1.00	3.18					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T08-A	1	3.47E+02		3.47E+02	0.79	1.00	3.18					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T09-A	1	5.77E+02		5.77E+02	0.62	1.00	3.18					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T01-B	1	4.48E+01		4.48E+01	4.34	1.00	3.18					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T02-B	1	1.49E+02		1.49E+02	1.13	1.00	3.18					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T03-B	1	1.23E+02		1.23E+02	1.85	1.00	3.18	10000	1000	1.21E+03	109%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T04-B	1	3.35E+02		3.35E+02	0.72	1.00	3.18					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T05-B	1	4.32E+02		4.32E+02	0.67	1.00	3.18					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T06-B	1	6.96E+02		6.96E+02	0.65	1.00	3.18					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T07-B	1	6.69E+02		6.69E+02	3.30	1.00	3.18					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T08-B	1	3.82E+02		3.82E+02	2.05	1.00	3.18					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T09-B	1	6.62E+02		6.62E+02	4.03	1.00	3.18					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T01-C	1	4.60E+01		4.60E+01	3.00	1.00	3.18					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T02-C	1	1.23E+02		1.23E+02	1.11	1.00	3.18					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T03-C	1	1.28E+02		1.28E+02	2.39	1.00	3.18	10000	1000	1.17E+03	104%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T04-C	1	3.71E+02		3.71E+02	1.21	1.00	3.18					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T05-C	1	4.43E+02		4.43E+02	2.20	1.00	3.18					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T06-C	1	7.01E+02		7.01E+02	1.47	1.00	3.18					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T07-C	1	6.71E+02		6.71E+02	1.28	1.00	3.18					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T08-C	1	3.79E+02		3.79E+02	0.50	1.00	3.18					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-T09-C	1	6.21E+02		6.21E+02	1.23	1.00	3.18					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	19.63	1.00	3.18					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	30.88	1.00	3.18					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	12.02	1.00	3.18					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	22.91	1.00	3.18					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	15.74	1.00	3.18					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	5.48	1.00	3.18					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	22.08	1.00	3.18					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	22.81	1.00	3.18					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Sr	CFS-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	15.45	1.00	3.18					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L01-1315-T01-A	1	1.90E+04		1.90E+04	0.66	6.80	21.60					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T02-A	1	4.45E+04		4.45E+04	0.93	6.80	21.60					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T03-A	1	3.13E+04		3.13E+04	1.18	6.80	21.60	10000	1000	3.22E+04	87%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T04-A	1	1.14E+05		1.14E+05	6.15	6.80	21.60					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T05-A	1	1.29E+05		1.29E+05	1.27	6.80	21.60					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T06-A	1	2.01E+05		2.01E+05	2.00	6.80	21.60					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T07-A	1	1.87E+05		1.87E+05	0.58	6.80	21.60					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T08-A	1	9.81E+04		9.81E+04	0.81	6.80	21.60					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T09-A	1	1.60E+05		1.60E+05	0.89	6.80	21.60					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T01-B	1	1.77E+04		1.77E+04	3.66	6.80	21.60					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T02-B	1	4.75E+04		4.75E+04	1.41	6.80	21.60					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T03-B	1	3.87E+04		3.87E+04	1.69	6.80	21.60	10000	1000	3.96E+04	94%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T04-B	1	1.07E+05		1.07E+05	0.72	6.80	21.60					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T05-B	1	1.37E+05		1.37E+05	1.04	6.80	21.60					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T06-B	1	2.12E+05		2.12E+05	0.61	6.80	21.60					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T07-B	1	1.92E+05		1.92E+05	1.81	6.80	21.60					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T08-B	1	1.03E+05		1.03E+05	1.75	6.80	21.60					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T09-B	1	1.72E+05		1.72E+05	2.53	6.80	21.60					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T01-C	1	1.83E+04		1.83E+04	2.11	6.80	21.60					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T02-C	1	3.71E+04		3.71E+04	1.19	6.80	21.60					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T03-C	1	3.95E+04		3.95E+04	1.88	6.80	21.60	10000	1000	4.04E+04	90%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T04-C	1	1.13E+05		1.13E+05	1.70	6.80	21.60					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T05-C	1	1.41E+05		1.41E+05	2.41	6.80	21.60					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T06-C	1	2.21E+05		2.21E+05	0.78	6.80	21.60					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T07-C	1	1.97E+05		1.97E+05	0.31	6.80	21.60					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T08-C	1	1.07E+05		1.07E+05	0.54	6.80	21.60					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-T09-C	1	1.69E+05		1.69E+05	1.60	6.80	21.60					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-M01-A	1	1.06E+01	E	1.06E+01	6.67	6.80	21.60					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-M02-A	1	1.16E+01	E	1.16E+01	2.19	6.80	21.60					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-M03-A	1	1.61E+01	E	1.61E+01	1.17	6.80	21.60					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-M04-A	1	1.78E+01	E	1.78E+01	6.97	6.80	21.60					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-M05-A	1	1.59E+01	E	1.59E+01	4.31	6.80	21.60					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-M06-A	1	1.62E+01	E	1.62E+01	3.07	6.80	21.60					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-M07-A	1	1.70E+01	E	1.70E+01	6.05	6.80	21.60					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-M08-A	1	1.83E+01	E	1.83E+01	9.45	6.80	21.60					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
S	CFS-L01-1315-M09-A	1	1.07E+01	E	1.07E+01	1.58	6.80	21.60					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L01-1315-T01-A	1	9.55E+00	E	9.55E+00	26.01	4.60	14.60					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T02-A	1	4.70E+01		4.70E+01	5.13	4.60	14.60					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T03-A	1	3.88E+01		3.88E+01	3.21	4.60	14.60	10000	1000	9.34E+02	90%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T04-A	1	1.63E+02		1.63E+02	5.81	4.60	14.60					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T05-A	1	1.76E+02		1.76E+02	3.73	4.60	14.60					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T06-A	1	2.51E+02		2.51E+02	3.62	4.60	14.60					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T07-A	1	2.18E+02		2.18E+02	2.34	4.60	14.60					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T08-A	1	1.17E+02		1.17E+02	4.47	4.60	14.60					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T09-A	1	1.82E+02		1.82E+02	2.35	4.60	14.60					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T01-B	1	1.37E+01	E	1.37E+01	9.51	4.60	14.60					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T02-B	1	4.82E+01		4.82E+01	4.82	4.60	14.60					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T03-B	1	4.77E+01		4.77E+01	2.19	4.60	14.60	10000	1000	9.93E+02	95%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T04-B	1	1.49E+02		1.49E+02	1.35	4.60	14.60					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T05-B	1	1.80E+02		1.80E+02	3.06	4.60	14.60					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T06-B	1	2.53E+02		2.53E+02	1.49	4.60	14.60					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T07-B	1	2.19E+02		2.19E+02	2.18	4.60	14.60					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T08-B	1	1.16E+02		1.16E+02	2.47	4.60	14.60					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T09-B	1	1.78E+02		1.78E+02	3.31	4.60	14.60					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T01-C	1	6.76E+00	E	6.76E+00	15.58	4.60	14.60					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T02-C	1	4.13E+01		4.13E+01	7.20	4.60	14.60					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T03-C	1	4.93E+01		4.93E+01	7.25	4.60	14.60	10000	1000	9.52E+02	90%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T04-C	1	1.60E+02		1.60E+02	4.23	4.60	14.60					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T05-C	1	1.88E+02		1.88E+02	2.06	4.60	14.60					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T06-C	1	2.67E+02		2.67E+02	2.67	4.60	14.60					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T07-C	1	2.30E+02		2.30E+02	0.58	4.60	14.60					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T08-C	1	1.27E+02		1.27E+02	1.18	4.60	14.60					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-T09-C	1	1.88E+02		1.88E+02	1.13	4.60	14.60					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	24.97	4.60	14.60					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	34.28	4.60	14.60					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	44.01	4.60	14.60					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	11.17	4.60	14.60					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	34.36	4.60	14.60					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	21.03	4.60	14.60					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	1.37	4.60	14.60					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	37.01	4.60	14.60					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Tl	CFS-L01-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	27.87	4.60	14.60					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L01-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	42.22	2.00	6.40					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	18.20	2.00	6.40					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	67.25	2.00	6.40	10000	1000	9.54E+02	95%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	3.72	2.00	6.40					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	20.24	2.00	6.40					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	10.93	2.00	6.40					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	5.12	2.00	6.40					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	56.62	2.00	6.40					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	3.33	2.00	6.40					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	25.90	2.00	6.40					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	24.93	2.00	6.40					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	31.91	2.00	6.40	10000	1000	9.80E+02	98%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	14.56	2.00	6.40					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	45.41	2.00	6.40					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	6.37	2.00	6.40					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	5.17	2.00	6.40					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	9.63	2.00	6.40					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	17.32	2.00	6.40					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	24.89	2.00	6.40					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	55.89	2.00	6.40					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	24.80	2.00	6.40	10000	1000	9.06E+02	90%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	0.69	2.00	6.40					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	44.42	2.00	6.40					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	12.70	2.00	6.40					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	30.25	2.00	6.40					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	13.51	2.00	6.40					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	32.24	2.00	6.40					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	2.43	2.00	6.40					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	20.31	2.00	6.40					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	0.23	2.00	6.40					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	9.42	2.00	6.40					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	5.81	2.00	6.40					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	39.85	2.00	6.40					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	42.23	2.00	6.40					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	2.18	2.00	6.40					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Ti	CFS-L01-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	15.30	2.00	6.40					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L01-1315-T01-A	1	2.02E+00	E	2.02E+00	15.98	1.50	4.77					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T02-A	1	3.53E+00	E	3.53E+00	9.59	1.50	4.77					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T03-A	1	2.91E+00	E	2.91E+00	8.76	1.50	4.77	10000	1000	9.74E+02	97%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T04-A	1	4.67E+00	E	4.67E+00	10.93	1.50	4.77					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T05-A	1	4.86E+00		4.86E+00	15.95	1.50	4.77					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T06-A	1	6.48E+00		6.48E+00	4.65	1.50	4.77					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T07-A	1	6.87E+00		6.87E+00	1.02	1.50	4.77					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T08-A	1	4.48E+00	E	4.48E+00	17.38	1.50	4.77					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T09-A	1	6.76E+00		6.76E+00	5.55	1.50	4.77					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T01-B	1	2.61E+00	E	2.61E+00	23.78	1.50	4.77					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T02-B	1	3.62E+00	E	3.62E+00	16.11	1.50	4.77					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T03-B	1	3.21E+00	E	3.21E+00	9.30	1.50	4.77	10000	1000	9.15E+02	91%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T04-B	1	5.39E+00		5.39E+00	3.68	1.50	4.77					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T05-B	1	6.24E+00		6.24E+00	1.78	1.50	4.77					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T06-B	1	7.65E+00		7.65E+00	1.15	1.50	4.77					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T07-B	1	7.02E+00		7.02E+00	3.09	1.50	4.77					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T08-B	1	5.62E+00		5.62E+00	6.42	1.50	4.77					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T09-B	1	7.58E+00		7.58E+00	8.92	1.50	4.77					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T01-C	1	2.09E+00	E	2.09E+00	15.48	1.50	4.77					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T02-C	1	2.73E+00	E	2.73E+00	24.02	1.50	4.77					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T03-C	1	3.26E+00	E	3.26E+00	8.04	1.50	4.77	10000	1000	9.32E+02	93%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T04-C	1	5.22E+00		5.22E+00	6.63	1.50	4.77					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T05-C	1	6.19E+00		6.19E+00	5.21	1.50	4.77					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T06-C	1	8.18E+00		8.18E+00	4.31	1.50	4.77					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T07-C	1	7.43E+00		7.43E+00	4.86	1.50	4.77					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T08-C	1	4.53E+00	E	4.53E+00	15.29	1.50	4.77					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-T09-C	1	6.43E+00		6.43E+00	1.19	1.50	4.77					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	21.60	1.50	4.77					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	37.47	1.50	4.77					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	7.41	1.50	4.77					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	48.66	1.50	4.77					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	28.37	1.50	4.77					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	30.77	1.50	4.77					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	12.84	1.50	4.77					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	27.11	1.50	4.77					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
V	CFS-L01-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	35.59	1.50	4.77					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L01-1315-T01-A	1	2.88E+02		2.88E+02	0.71	1.00	3.18					VU ICP-OES	8/10/11 1:35 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T02-A	1	1.53E+03		1.53E+03	1.68	1.00	3.18					VU ICP-OES	8/10/11 3:17 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T03-A	1	1.26E+03		1.26E+03	1.56	1.00	3.18	10000	1000	2.13E+03	87%	VU ICP-OES	8/10/11 1:45 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T04-A	1	4.18E+03		4.18E+03	4.88	1.00	3.18					VU ICP-OES	8/10/11 1:55 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T05-A	1	4.70E+03		4.70E+03	1.45	1.00	3.18					VU ICP-OES	8/10/11 2:00 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T06-A	1	7.04E+03		7.04E+03	3.01	1.00	3.18					VU ICP-OES	8/10/11 2:05 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T07-A	1	6.47E+03		6.47E+03	1.83	1.00	3.18					VU ICP-OES	8/10/11 2:10 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T08-A	1	3.52E+03		3.52E+03	0.91	1.00	3.18					VU ICP-OES	8/10/11 2:15 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T09-A	1	5.63E+03		5.63E+03	1.21	1.00	3.18					VU ICP-OES	8/10/11 2:20 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T01-B	1	5.19E+02		5.19E+02	2.88	1.00	3.18					VU ICP-OES	8/10/11 1:37 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T02-B	1	1.63E+03		1.63E+03	1.25	1.00	3.18					VU ICP-OES	8/10/11 1:42 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T03-B	1	1.46E+03		1.46E+03	1.61	1.00	3.18	10000	1000	2.37E+03	91%	VU ICP-OES	8/10/11 1:47 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T04-B	1	4.00E+03		4.00E+03	2.53	1.00	3.18					VU ICP-OES	8/10/11 1:57 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T05-B	1	4.84E+03		4.84E+03	0.58	1.00	3.18					VU ICP-OES	8/10/11 2:02 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T06-B	1	6.97E+03		6.97E+03	2.70	1.00	3.18					VU ICP-OES	8/10/11 2:07 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T07-B	1	6.32E+03		6.32E+03	0.68	1.00	3.18					VU ICP-OES	8/10/11 2:12 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T08-B	1	3.47E+03		3.47E+03	2.62	1.00	3.18					VU ICP-OES	8/10/11 2:17 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T09-B	1	5.70E+03		5.70E+03	6.02	1.00	3.18					VU ICP-OES	8/10/11 2:21 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T01-C	1	5.06E+02		5.06E+02	1.32	1.00	3.18					VU ICP-OES	8/10/11 1:39 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T02-C	1	1.35E+03		1.35E+03	0.41	1.00	3.18					VU ICP-OES	8/10/11 1:44 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T03-C	1	1.47E+03		1.47E+03	0.42	1.00	3.18	10000	1000	2.40E+03	93%	VU ICP-OES	8/10/11 1:49 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T04-C	1	4.24E+03		4.24E+03	2.74	1.00	3.18					VU ICP-OES	8/10/11 1:58 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T05-C	1	5.02E+03		5.02E+03	1.34	1.00	3.18					VU ICP-OES	8/10/11 2:03 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T06-C	1	7.83E+03		7.83E+03	1.99	1.00	3.18					VU ICP-OES	8/10/11 2:08 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T07-C	1	7.03E+03		7.03E+03	0.88	1.00	3.18					VU ICP-OES	8/10/11 2:13 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T08-C	1	3.85E+03		3.85E+03	1.72	1.00	3.18					VU ICP-OES	8/10/11 2:18 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-T09-C	1	6.09E+03		6.09E+03	2.49	1.00	3.18					VU ICP-OES	8/10/11 2:23 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	1.05	1.00	3.18					VU ICP-OES	8/10/11 3:15 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	2.74	1.00	3.18					VU ICP-OES	8/10/11 1:22 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.84	1.00	3.18					VU ICP-OES	8/10/11 1:24 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	2.68	1.00	3.18					VU ICP-OES	8/10/11 1:26 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	2.58	1.00	3.18					VU ICP-OES	8/10/11 1:27 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	2.68	1.00	3.18					VU ICP-OES	8/10/11 1:29 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	5.06	1.00	3.18					VU ICP-OES	8/10/11 1:30 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	10.48	1.00	3.18					VU ICP-OES	8/10/11 1:32 PM	EPA Interlab L01 1315 CFS
Zn	CFS-L01-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	3.26	1.00	3.18					VU ICP-OES	8/10/11 1:34 PM	EPA Interlab L01 1315 CFS

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L04-1315-T01-A	1	1.25E+01		1.25E+01	5.92	1.00	3.18					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T02-A	1	2.54E+01		2.54E+01	6.13	1.00	3.18					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T03-A	1	3.10E+01		3.10E+01	2.54	1.00	3.18	10000	1000	9.94E+02	96%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T04-A	1	3.76E+01		3.76E+01	3.07	1.00	3.18					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T05-A	1	4.05E+01		4.05E+01	4.81	1.00	3.18					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T06-A	1	4.81E+01		4.81E+01	7.44	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T07-A	1	3.52E+01		3.52E+01	4.07	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T08-A	1	3.49E+01		3.49E+01	3.49	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T09-A	1	4.01E+01		4.01E+01	7.10	1.00	3.18					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T01-B	1	9.84E+00		9.84E+00	1.53	1.00	3.18					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T02-B	1	2.83E+01		2.83E+01	0.30	1.00	3.18					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T03-B	1	3.03E+01		3.03E+01	6.49	1.00	3.18	10000	1000	1.03E+03	100%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T04-B	1	3.77E+01		3.77E+01	13.80	1.00	3.18					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T05-B	1	4.26E+01		4.26E+01	7.00	1.00	3.18					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T06-B	1	4.55E+01		4.55E+01	6.84	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T07-B	1	3.74E+01		3.74E+01	4.45	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T08-B	1	3.61E+01		3.61E+01	4.92	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T09-B	1	3.70E+01		3.70E+01	3.46	1.00	3.18					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T01-C	1	1.27E+01		1.27E+01	4.81	1.00	3.18					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T02-C	1	2.64E+01		2.64E+01	1.73	1.00	3.18					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T03-C	1	3.38E+01		3.38E+01	1.36	1.00	3.18	10000	1000	1.04E+03	100%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T04-C	1	3.98E+01		3.98E+01	4.62	1.00	3.18					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T05-C	1	4.65E+01		4.65E+01	1.96	1.00	3.18					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T06-C	1	4.66E+01		4.66E+01	0.67	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T07-C	1	3.69E+01		3.69E+01	1.43	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T08-C	1	3.90E+01		3.90E+01	3.64	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-T09-C	1	3.70E+01		3.70E+01	8.47	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	28.38	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	31.61	1.00	3.18					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	16.23	1.00	3.18					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	28.54	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	11.72	1.00	3.18					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	24.99	1.00	3.18					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	14.39	1.00	3.18					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	37.13	1.00	3.18					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Al	CFS-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	23.36	1.00	3.18					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L04-1315-T01-A	1	9.37E+00	E	9.37E+00	7.38	7.50	23.90					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T02-A	1	9.58E+00	E	9.58E+00	12.12	7.50	23.90					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T03-A	1	1.03E+01	E	1.03E+01	2.00	7.50	23.90	10000	1000	1.00E+03	99%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T04-A	1	9.92E+00	E	9.92E+00	11.40	7.50	23.90					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T05-A	1	1.09E+01	E	1.09E+01	29.31	7.50	23.90					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T06-A	1	1.14E+01	E	1.14E+01	9.48	7.50	23.90					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T07-A	1	1.12E+01	E	1.12E+01	19.99	7.50	23.90					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T08-A	1	8.39E+00	E	8.39E+00	27.91	7.50	23.90					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T09-A	1	8.42E+00	E	8.42E+00	22.58	7.50	23.90					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T01-B	1	9.03E+00	E	9.03E+00	9.42	7.50	23.90					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T02-B	1	9.65E+00	E	9.65E+00	6.14	7.50	23.90					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T03-B	1	1.14E+01	E	1.14E+01	18.60	7.50	23.90	10000	1000	1.03E+03	102%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T04-B	1	8.97E+00	E	8.97E+00	9.54	7.50	23.90					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T05-B	1	1.04E+01	E	1.04E+01	16.63	7.50	23.90					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T06-B	1	1.24E+01	E	1.24E+01	25.49	7.50	23.90					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T07-B	1	1.19E+01	E	1.19E+01	5.51	7.50	23.90					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T08-B	1	8.37E+00	E	8.37E+00	3.91	7.50	23.90					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T09-B	1	9.17E+00	E	9.17E+00	22.55	7.50	23.90					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T01-C	1	8.99E+00	E	8.99E+00	4.10	7.50	23.90					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T02-C	1	9.49E+00	E	9.49E+00	1.91	7.50	23.90					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T03-C	1	1.04E+01	E	1.04E+01	13.90	7.50	23.90	10000	1000	1.03E+03	102%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T04-C	1	8.23E+00	E	8.23E+00	12.71	7.50	23.90					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T05-C	1	1.10E+01	E	1.10E+01	3.52	7.50	23.90					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T06-C	1	1.46E+01	E	1.46E+01	9.26	7.50	23.90					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T07-C	1	1.15E+01	E	1.15E+01	9.11	7.50	23.90					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T08-C	1	8.05E+00	E	8.05E+00	6.41	7.50	23.90					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-T09-C	1	8.56E+00	E	8.56E+00	18.35	7.50	23.90					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	38.35	7.50	23.90					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	20.18	7.50	23.90					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	31.20	7.50	23.90					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	41.00	7.50	23.90					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	39.54	7.50	23.90					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	11.30	7.50	23.90					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	11.79	7.50	23.90					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	22.81	7.50	23.90					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Sb	CFS-L04-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	12.63	7.50	23.90					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L04-1315-T01-A	1	5.50E+00	U1/2	5.50E+00	31.60	11.00	35.00					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T02-A	1	5.50E+00	U1/2	5.50E+00	39.88	11.00	35.00					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T03-A	1	1.30E+01	E	1.30E+01	2.40	11.00	35.00	10000	1000	1.01E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T04-A	1	1.33E+01	E	1.33E+01	10.95	11.00	35.00					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T05-A	1	1.58E+01	E	1.58E+01	21.46	11.00	35.00					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T06-A	1	1.61E+01	E	1.61E+01	15.03	11.00	35.00					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T07-A	1	1.17E+01	E	1.17E+01	35.83	11.00	35.00					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T08-A	1	5.50E+00	U1/2	5.50E+00	25.32	11.00	35.00					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T09-A	1	5.50E+00	U1/2	5.50E+00	56.98	11.00	35.00					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T01-B	1	5.50E+00	U1/2	5.50E+00	46.04	11.00	35.00					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T02-B	1	1.14E+01	E	1.14E+01	11.80	11.00	35.00					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T03-B	1	1.69E+01	E	1.69E+01	38.46	11.00	35.00	10000	1000	1.03E+03	102%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T04-B	1	1.60E+01	E	1.60E+01	22.12	11.00	35.00					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T05-B	1	1.20E+01	E	1.20E+01	10.12	11.00	35.00					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T06-B	1	1.59E+01	E	1.59E+01	29.95	11.00	35.00					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T07-B	1	1.23E+01	E	1.23E+01	21.01	11.00	35.00					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T08-B	1	5.50E+00	U1/2	5.50E+00	45.42	11.00	35.00					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T09-B	1	5.50E+00	U1/2	5.50E+00	39.08	11.00	35.00					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T01-C	1	5.50E+00	U1/2	5.50E+00	41.30	11.00	35.00					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T02-C	1	5.50E+00	U1/2	5.50E+00	21.47	11.00	35.00					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T03-C	1	1.49E+01	E	1.49E+01	33.76	11.00	35.00	10000	1000	1.03E+03	102%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T04-C	1	1.49E+01	E	1.49E+01	27.71	11.00	35.00					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T05-C	1	1.43E+01	E	1.43E+01	33.97	11.00	35.00					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T06-C	1	1.95E+01	E	1.95E+01	19.15	11.00	35.00					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T07-C	1	1.47E+01	E	1.47E+01	23.90	11.00	35.00					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T08-C	1	5.50E+00	U1/2	5.50E+00	41.84	11.00	35.00					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-T09-C	1	5.50E+00	U1/2	5.50E+00	32.19	11.00	35.00					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	6.31	11.00	35.00					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	34.85	11.00	35.00					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	22.51	11.00	35.00					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	22.14	11.00	35.00					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	44.28	11.00	35.00					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	9.68	11.00	35.00					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	29.99	11.00	35.00					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	32.78	11.00	35.00					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
As	CFS-L04-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	15.02	11.00	35.00					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L04-1315-T01-A	1	1.78E+01		1.78E+01	3.17	1.00	3.18					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T02-A	1	3.82E+01		3.82E+01	1.56	1.00	3.18					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T03-A	1	3.88E+01		3.88E+01	0.89	1.00	3.18	10000	1000	1.04E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T04-A	1	8.50E+01		8.50E+01	2.05	1.00	3.18					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T05-A	1	1.09E+02		1.09E+02	1.27	1.00	3.18					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T06-A	1	1.70E+02		1.70E+02	2.46	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T07-A	1	1.39E+02		1.39E+02	1.79	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T08-A	1	7.10E+01		7.10E+01	2.01	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T09-A	1	1.44E+02		1.44E+02	2.52	1.00	3.18					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T01-B	1	1.12E+01		1.12E+01	7.36	1.00	3.18					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T02-B	1	3.86E+01		3.86E+01	0.84	1.00	3.18					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T03-B	1	4.20E+01		4.20E+01	0.43	1.00	3.18	10000	1000	1.18E+03	114%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T04-B	1	8.62E+01		8.62E+01	5.65	1.00	3.18					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T05-B	1	1.14E+02		1.14E+02	1.91	1.00	3.18					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T06-B	1	1.71E+02		1.71E+02	1.02	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T07-B	1	1.44E+02		1.44E+02	4.72	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T08-B	1	6.84E+01		6.84E+01	1.70	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T09-B	1	1.38E+02		1.38E+02	2.39	1.00	3.18					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T01-C	1	1.25E+01		1.25E+01	1.48	1.00	3.18					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T02-C	1	4.14E+01		4.14E+01	2.09	1.00	3.18					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T03-C	1	4.14E+01		4.14E+01	4.68	1.00	3.18	10000	1000	1.17E+03	112%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T04-C	1	9.19E+01		9.19E+01	0.68	1.00	3.18					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T05-C	1	1.11E+02		1.11E+02	1.15	1.00	3.18					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T06-C	1	1.73E+02		1.73E+02	1.07	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T07-C	1	1.43E+02		1.43E+02	2.70	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T08-C	1	6.92E+01		6.92E+01	0.79	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-T09-C	1	1.54E+02		1.54E+02	2.57	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	3.39	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	3.87	1.00	3.18					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	10.65	1.00	3.18					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	4.39	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	6.17	1.00	3.18					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	7.67	1.00	3.18					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	3.93	1.00	3.18					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	9.66	1.00	3.18					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
B	CFS-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	7.67	1.00	3.18					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L04-1315-T01-A	1	2.61E+01		2.61E+01	1.21	1.00	3.18					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T02-A	1	2.51E+01		2.51E+01	2.76	1.00	3.18					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T03-A	1	3.18E+01		3.18E+01	1.76	1.00	3.18	10000	1000	1.02E+03	99%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T04-A	1	2.60E+01		2.60E+01	2.88	1.00	3.18					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T05-A	1	2.83E+01		2.83E+01	1.44	1.00	3.18					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T06-A	1	3.11E+01		3.11E+01	2.84	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T07-A	1	4.02E+01		4.02E+01	0.68	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T08-A	1	3.60E+01		3.60E+01	2.01	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T09-A	1	3.50E+01		3.50E+01	1.36	1.00	3.18					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T01-B	1	2.04E+01		2.04E+01	1.94	1.00	3.18					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T02-B	1	2.49E+01		2.49E+01	1.21	1.00	3.18					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T03-B	1	2.89E+01		2.89E+01	1.14	1.00	3.18	10000	1000	1.03E+03	100%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T04-B	1	2.63E+01		2.63E+01	0.56	1.00	3.18					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T05-B	1	3.52E+01		3.52E+01	0.12	1.00	3.18					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T06-B	1	3.64E+01		3.64E+01	0.42	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T07-B	1	4.48E+01		4.48E+01	2.78	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T08-B	1	3.70E+01		3.70E+01	1.33	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T09-B	1	3.94E+01		3.94E+01	1.05	1.00	3.18					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T01-C	1	1.66E+01		1.66E+01	2.05	1.00	3.18					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T02-C	1	2.35E+01		2.35E+01	1.74	1.00	3.18					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T03-C	1	2.57E+01		2.57E+01	1.37	1.00	3.18	10000	1000	1.02E+03	99%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T04-C	1	2.67E+01		2.67E+01	0.62	1.00	3.18					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T05-C	1	3.05E+01		3.05E+01	0.44	1.00	3.18					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T06-C	1	3.29E+01		3.29E+01	0.51	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T07-C	1	4.11E+01		4.11E+01	0.59	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T08-C	1	3.96E+01		3.96E+01	2.07	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-T09-C	1	3.46E+01		3.46E+01	1.97	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	25.70	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	7.50	1.00	3.18					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	4.09	1.00	3.18					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	0.58	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	5.14	1.00	3.18					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	29.43	1.00	3.18					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	16.11	1.00	3.18					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	8.38	1.00	3.18					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Ba	CFS-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	12.93	1.00	3.18					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L04-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	68.94	1.90	6.00					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	21.86	1.90	6.00					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	2.57	1.90	6.00	10000	1000	1.00E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	13.30	1.90	6.00					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	38.91	1.90	6.00					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	16.75	1.90	6.00					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	55.22	1.90	6.00					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	80.49	1.90	6.00					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	42.14	1.90	6.00					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	29.64	1.90	6.00					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	20.10	1.90	6.00					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	35.96	1.90	6.00	10000	1000	1.08E+03	108%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	1.54	1.90	6.00					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	18.05	1.90	6.00					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	51.19	1.90	6.00					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	22.64	1.90	6.00					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	40.05	1.90	6.00					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	50.20	1.90	6.00					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	47.57	1.90	6.00					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	1.26	1.90	6.00					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	30.30	1.90	6.00	10000	1000	1.07E+03	106%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	38.24	1.90	6.00					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	5.47	1.90	6.00					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	40.92	1.90	6.00					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	69.34	1.90	6.00					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	31.28	1.90	6.00					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	9.18	1.90	6.00					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	25.51	1.90	6.00					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	37.64	1.90	6.00					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	16.84	1.90	6.00					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	28.90	1.90	6.00					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	43.05	1.90	6.00					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	29.97	1.90	6.00					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	39.62	1.90	6.00					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	9.29	1.90	6.00					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Be	CFS-L04-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	44.01	1.90	6.00					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L04-1315-T01-A	1	1.27E+02		1.27E+02	1.39	2.20	7.00					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T02-A	1	3.65E+02		3.65E+02	2.62	2.20	7.00					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T03-A	1	4.13E+02		4.13E+02	1.92	2.20	7.00	10000	1000	1.34E+03	93%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T04-A	1	8.22E+02		8.22E+02	2.84	2.20	7.00					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T05-A	1	1.08E+03		1.08E+03	1.55	2.20	7.00					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T06-A	1	1.64E+03		1.64E+03	2.38	2.20	7.00					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T07-A	1	1.56E+03		1.56E+03	0.87	2.20	7.00					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T08-A	1	8.49E+02		8.49E+02	2.15	2.20	7.00					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T09-A	1	1.65E+03		1.65E+03	1.81	2.20	7.00					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T01-B	1	1.16E+02		1.16E+02	2.27	2.20	7.00					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T02-B	1	3.33E+02		3.33E+02	1.48	2.20	7.00					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T03-B	1	3.69E+02		3.69E+02	1.30	2.20	7.00	10000	1000	1.46E+03	109%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T04-B	1	8.34E+02		8.34E+02	0.85	2.20	7.00					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T05-B	1	1.14E+03		1.14E+03	0.28	2.20	7.00					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T06-B	1	1.65E+03		1.65E+03	0.35	2.20	7.00					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T07-B	1	1.52E+03		1.52E+03	2.93	2.20	7.00					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T08-B	1	8.29E+02		8.29E+02	1.24	2.20	7.00					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T09-B	1	1.54E+03		1.54E+03	1.01	2.20	7.00					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T01-C	1	1.04E+02		1.04E+02	1.90	2.20	7.00					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T02-C	1	3.41E+02		3.41E+02	1.08	2.20	7.00					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T03-C	1	3.53E+02		3.53E+02	1.61	2.20	7.00	10000	1000	1.34E+03	99%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T04-C	1	9.27E+02		9.27E+02	0.58	2.20	7.00					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T05-C	1	1.04E+03		1.04E+03	0.41	2.20	7.00					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T06-C	1	1.68E+03		1.68E+03	0.36	2.20	7.00					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T07-C	1	1.56E+03		1.56E+03	0.67	2.20	7.00					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T08-C	1	9.21E+02		9.21E+02	2.04	2.20	7.00					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-T09-C	1	1.73E+03		1.73E+03	2.28	2.20	7.00					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	13.61	2.20	7.00					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	16.17	2.20	7.00					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	23.94	2.20	7.00					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	3.80	2.20	7.00					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	13.40	2.20	7.00					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	9.04	2.20	7.00					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	6.05	2.20	7.00					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	9.52	2.20	7.00					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Cd	CFS-L04-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	13.41	2.20	7.00					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L04-1315-T01-A	1	1.84E+04		1.84E+04	0.83	2.60	8.30					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T02-A	1	4.10E+04		4.10E+04	1.36	2.60	8.30					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T03-A	1	5.14E+04		5.14E+04	1.14	2.60	8.30	10000	1000	5.23E+04	91%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T04-A	1	8.97E+04		8.97E+04	1.04	2.60	8.30					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T05-A	1	1.02E+05		1.02E+05	1.36	2.60	8.30					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T06-A	1	1.36E+05		1.36E+05	2.14	2.60	8.30					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T07-A	1	1.42E+05		1.42E+05	0.83	2.60	8.30					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T08-A	1	7.82E+04		7.82E+04	2.06	2.60	8.30					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T09-A	1	1.58E+05		1.58E+05	1.93	2.60	8.30					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T01-B	1	2.53E+04		2.53E+04	2.07	2.60	8.30					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T02-B	1	4.26E+04		4.26E+04	0.69	2.60	8.30					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T03-B	1	5.27E+04		5.27E+04	1.11	2.60	8.30	10000	1000	5.36E+04	90%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T04-B	1	9.10E+04		9.10E+04	0.87	2.60	8.30					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T05-B	1	1.17E+05		1.17E+05	0.25	2.60	8.30					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T06-B	1	1.46E+05		1.46E+05	0.25	2.60	8.30					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T07-B	1	1.43E+05		1.43E+05	2.65	2.60	8.30					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T08-B	1	8.06E+04		8.06E+04	1.32	2.60	8.30					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T09-B	1	1.49E+05		1.49E+05	1.05	2.60	8.30					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T01-C	1	2.00E+04		2.00E+04	1.98	2.60	8.30					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T02-C	1	3.95E+04		3.95E+04	0.34	2.60	8.30					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T03-C	1	4.18E+04		4.18E+04	1.84	2.60	8.30	10000	1000	4.27E+04	92%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T04-C	1	9.27E+04		9.27E+04	0.79	2.60	8.30					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T05-C	1	1.05E+05		1.05E+05	0.18	2.60	8.30					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T06-C	1	1.40E+05		1.40E+05	0.44	2.60	8.30					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T07-C	1	1.45E+05		1.45E+05	0.79	2.60	8.30					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T08-C	1	8.80E+04		8.80E+04	1.85	2.60	8.30					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-T09-C	1	1.69E+05		1.69E+05	2.01	2.60	8.30					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-M01-A	1	2.32E+01		2.32E+01	1.00	2.60	8.30					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-M02-A	1	2.21E+01		2.21E+01	5.81	2.60	8.30					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-M03-A	1	1.79E+01		1.79E+01	6.10	2.60	8.30					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-M04-A	1	1.68E+01		1.68E+01	1.01	2.60	8.30					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-M05-A	1	1.77E+01		1.77E+01	4.20	2.60	8.30					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-M06-A	1	1.94E+01		1.94E+01	3.14	2.60	8.30					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-M07-A	1	9.81E+00		9.81E+00	1.40	2.60	8.30					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-M08-A	1	1.36E+01		1.36E+01	2.18	2.60	8.30					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Ca	CFS-L04-1315-M09-A	1	3.75E+00	E	3.75E+00	12.72	2.60	8.30					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L04-1315-T01-A	1	6.00E-01	U1/2	6.00E-01	17.20	1.20	3.82					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T02-A	1	6.00E-01	U1/2	6.00E-01	24.78	1.20	3.82					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T03-A	1	6.00E-01	U1/2	6.00E-01	1.10	1.20	3.82	10000	1000	9.99E+02	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T04-A	1	6.00E-01	U1/2	6.00E-01	23.20	1.20	3.82					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T05-A	1	6.00E-01	U1/2	6.00E-01	11.95	1.20	3.82					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T06-A	1	6.00E-01	U1/2	6.00E-01	15.28	1.20	3.82					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T07-A	1	6.00E-01	U1/2	6.00E-01	14.77	1.20	3.82					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T08-A	1	6.00E-01	U1/2	6.00E-01	52.44	1.20	3.82					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T09-A	1	6.00E-01	U1/2	6.00E-01	43.43	1.20	3.82					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T01-B	1	6.00E-01	U1/2	6.00E-01	18.81	1.20	3.82					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T02-B	1	6.00E-01	U1/2	6.00E-01	33.69	1.20	3.82					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T03-B	1	6.00E-01	U1/2	6.00E-01	21.32	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T04-B	1	6.00E-01	U1/2	6.00E-01	20.50	1.20	3.82					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T05-B	1	6.00E-01	U1/2	6.00E-01	83.79	1.20	3.82					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T06-B	1	6.00E-01	U1/2	6.00E-01	41.89	1.20	3.82					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T07-B	1	6.00E-01	U1/2	6.00E-01	48.28	1.20	3.82					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T08-B	1	6.00E-01	U1/2	6.00E-01	63.45	1.20	3.82					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T09-B	1	6.00E-01	U1/2	6.00E-01	42.61	1.20	3.82					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T01-C	1	6.00E-01	U1/2	6.00E-01	9.57	1.20	3.82					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T02-C	1	6.00E-01	U1/2	6.00E-01	2.33	1.20	3.82					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T03-C	1	6.00E-01	U1/2	6.00E-01	55.24	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T04-C	1	6.00E-01	U1/2	6.00E-01	62.93	1.20	3.82					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T05-C	1	6.00E-01	U1/2	6.00E-01	287.11	1.20	3.82					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T06-C	1	6.00E-01	U1/2	6.00E-01	56.88	1.20	3.82					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T07-C	1	6.00E-01	U1/2	6.00E-01	16.22	1.20	3.82					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T08-C	1	6.00E-01	U1/2	6.00E-01	37.25	1.20	3.82					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-T09-C	1	6.00E-01	U1/2	6.00E-01	8.89	1.20	3.82					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	10.47	1.20	3.82					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	17.47	1.20	3.82					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	10.08	1.20	3.82					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	13.71	1.20	3.82					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	67.10	1.20	3.82					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	56.46	1.20	3.82					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	70.37	1.20	3.82					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	27.78	1.20	3.82					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Cr	CFS-L04-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	66.19	1.20	3.82					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L04-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	8.51	1.80	5.72					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T02-A	1	8.12E+00		8.12E+00	4.04	1.80	5.72					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T03-A	1	7.82E+00		7.82E+00	1.53	1.80	5.72	10000	1000	1.01E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T04-A	1	2.11E+01		2.11E+01	2.28	1.80	5.72					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T05-A	1	2.82E+01		2.82E+01	1.46	1.80	5.72					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T06-A	1	4.67E+01		4.67E+01	2.44	1.80	5.72					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T07-A	1	4.33E+01		4.33E+01	1.92	1.80	5.72					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T08-A	1	2.37E+01		2.37E+01	3.14	1.80	5.72					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T09-A	1	4.94E+01		4.94E+01	2.59	1.80	5.72					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	31.78	1.80	5.72					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T02-B	1	7.40E+00		7.40E+00	3.50	1.80	5.72					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T03-B	1	8.13E+00		8.13E+00	6.29	1.80	5.72	10000	1000	1.03E+03	102%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T04-B	1	2.14E+01		2.14E+01	3.67	1.80	5.72					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T05-B	1	2.82E+01		2.82E+01	2.03	1.80	5.72					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T06-B	1	4.61E+01		4.61E+01	2.49	1.80	5.72					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T07-B	1	4.34E+01		4.34E+01	3.71	1.80	5.72					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T08-B	1	2.29E+01		2.29E+01	2.33	1.80	5.72					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T09-B	1	4.46E+01		4.46E+01	2.76	1.80	5.72					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	24.14	1.80	5.72					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T02-C	1	7.67E+00		7.67E+00	2.39	1.80	5.72					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T03-C	1	7.53E+00		7.53E+00	7.91	1.80	5.72	10000	1000	1.02E+03	102%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T04-C	1	2.32E+01		2.32E+01	0.38	1.80	5.72					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T05-C	1	2.86E+01		2.86E+01	1.33	1.80	5.72					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T06-C	1	4.81E+01		4.81E+01	1.07	1.80	5.72					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T07-C	1	4.55E+01		4.55E+01	0.57	1.80	5.72					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T08-C	1	2.54E+01		2.54E+01	3.63	1.80	5.72					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-T09-C	1	5.14E+01		5.14E+01	0.98	1.80	5.72					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	86.84	1.80	5.72					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	40.73	1.80	5.72					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	27.18	1.80	5.72					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	50.93	1.80	5.72					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	36.86	1.80	5.72					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	12.49	1.80	5.72					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	54.65	1.80	5.72					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	21.27	1.80	5.72					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Co	CFS-L04-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	40.36	1.80	5.72					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L04-1315-T01-A	1	8.25E+01		8.25E+01	1.58	3.70	11.80					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T02-A	1	1.65E+02		1.65E+02	1.60	3.70	11.80					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T03-A	1	1.58E+02		1.58E+02	1.41	3.70	11.80	10000	1000	1.14E+03	98%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T04-A	1	3.41E+02		3.41E+02	3.02	3.70	11.80					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T05-A	1	4.13E+02		4.13E+02	1.32	3.70	11.80					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T06-A	1	7.09E+02		7.09E+02	2.00	3.70	11.80					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T07-A	1	7.72E+02		7.72E+02	0.64	3.70	11.80					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T08-A	1	6.05E+02		6.05E+02	2.50	3.70	11.80					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T09-A	1	8.64E+02		8.64E+02	1.18	3.70	11.80					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T01-B	1	8.32E+01		8.32E+01	3.10	3.70	11.80					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T02-B	1	1.93E+02		1.93E+02	3.42	3.70	11.80					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T03-B	1	1.86E+02		1.86E+02	1.28	3.70	11.80	10000	1000	1.20E+03	101%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T04-B	1	3.45E+02		3.45E+02	1.74	3.70	11.80					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T05-B	1	3.95E+02		3.95E+02	1.15	3.70	11.80					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T06-B	1	6.92E+02		6.92E+02	1.45	3.70	11.80					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T07-B	1	7.50E+02		7.50E+02	2.54	3.70	11.80					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T08-B	1	5.65E+02		5.65E+02	1.68	3.70	11.80					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T09-B	1	8.65E+02		8.65E+02	0.45	3.70	11.80					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T01-C	1	8.49E+01		8.49E+01	1.78	3.70	11.80					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T02-C	1	1.89E+02		1.89E+02	1.35	3.70	11.80					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T03-C	1	1.55E+02		1.55E+02	1.39	3.70	11.80	10000	1000	1.17E+03	101%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T04-C	1	3.08E+02		3.08E+02	1.10	3.70	11.80					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T05-C	1	4.00E+02		4.00E+02	1.25	3.70	11.80					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T06-C	1	6.98E+02		6.98E+02	0.49	3.70	11.80					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T07-C	1	7.94E+02		7.94E+02	0.28	3.70	11.80					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T08-C	1	5.73E+02		5.73E+02	2.62	3.70	11.80					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-T09-C	1	8.50E+02		8.50E+02	1.84	3.70	11.80					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	39.83	3.70	11.80					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	21.77	3.70	11.80					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	28.49	3.70	11.80					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	36.32	3.70	11.80					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	21.66	3.70	11.80					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	9.07	3.70	11.80					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	30.99	3.70	11.80					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	13.69	3.70	11.80					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Cu	CFS-L04-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	23.89	3.70	11.80					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L04-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	8.47	2.00	6.40					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	21.41	2.00	6.40					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	1.65	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	17.73	2.00	6.40					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	29.26	2.00	6.40					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	8.92	2.00	6.40					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	29.27	2.00	6.40					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	8.53	2.00	6.40					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	2.88	2.00	6.40					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	5.97	2.00	6.40					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	1.00	2.00	6.40					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	23.25	2.00	6.40	10000	1000	9.66E+02	97%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	39.66	2.00	6.40					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	19.63	2.00	6.40					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	21.14	2.00	6.40					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	10.41	2.00	6.40					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	8.33	2.00	6.40					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	6.72	2.00	6.40					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	2.31	2.00	6.40					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	2.11	2.00	6.40					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	11.34	2.00	6.40	10000	1000	9.84E+02	98%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	3.99	2.00	6.40					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	21.75	2.00	6.40					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	16.16	2.00	6.40					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	27.06	2.00	6.40					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	6.71	2.00	6.40					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	27.15	2.00	6.40					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	12.19	2.00	6.40					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	17.59	2.00	6.40					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	10.89	2.00	6.40					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	14.35	2.00	6.40					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	20.15	2.00	6.40					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	31.89	2.00	6.40					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	28.72	2.00	6.40					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	1.77	2.00	6.40					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Fe	CFS-L04-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	5.18	2.00	6.40					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L04-1315-T01-A	1	1.25E+02		1.25E+02	3.68	6.80	21.60					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T02-A	1	2.84E+02		2.84E+02	1.48	6.80	21.60					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T03-A	1	3.12E+02		3.12E+02	2.31	6.80	21.60	10000	1000	1.23E+03	92%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T04-A	1	4.82E+02		4.82E+02	2.24	6.80	21.60					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T05-A	1	5.69E+02		5.69E+02	1.26	6.80	21.60					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T06-A	1	7.77E+02		7.77E+02	3.03	6.80	21.60					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T07-A	1	7.90E+02		7.90E+02	0.94	6.80	21.60					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T08-A	1	6.89E+02		6.89E+02	1.29	6.80	21.60					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T09-A	1	8.69E+02		8.69E+02	2.47	6.80	21.60					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T01-B	1	1.47E+02		1.47E+02	3.00	6.80	21.60					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T02-B	1	2.73E+02		2.73E+02	15.70	6.80	21.60					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T03-B	1	3.00E+02		3.00E+02	0.97	6.80	21.60	10000	1000	1.33E+03	103%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T04-B	1	4.89E+02		4.89E+02	1.05	6.80	21.60					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T05-B	1	5.63E+02		5.63E+02	0.59	6.80	21.60					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T06-B	1	7.52E+02		7.52E+02	0.45	6.80	21.60					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T07-B	1	8.20E+02		8.20E+02	4.30	6.80	21.60					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T08-B	1	6.60E+02		6.60E+02	1.01	6.80	21.60					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T09-B	1	8.31E+02		8.31E+02	1.75	6.80	21.60					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T01-C	1	1.25E+02		1.25E+02	3.20	6.80	21.60					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T02-C	1	2.34E+02		2.34E+02	0.86	6.80	21.60					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T03-C	1	3.07E+02		3.07E+02	1.55	6.80	21.60	10000	1000	1.32E+03	102%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T04-C	1	4.84E+02		4.84E+02	0.77	6.80	21.60					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T05-C	1	5.87E+02		5.87E+02	0.56	6.80	21.60					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T06-C	1	7.97E+02		7.97E+02	0.64	6.80	21.60					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T07-C	1	8.32E+02		8.32E+02	0.56	6.80	21.60					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T08-C	1	6.92E+02		6.92E+02	1.53	6.80	21.60					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-T09-C	1	8.13E+02		8.13E+02	2.41	6.80	21.60					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	13.88	6.80	21.60					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	22.76	6.80	21.60					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	45.10	6.80	21.60					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	39.72	6.80	21.60					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	49.79	6.80	21.60					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	38.85	6.80	21.60					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	22.14	6.80	21.60					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	34.40	6.80	21.60					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Pb	CFS-L04-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	10.54	6.80	21.60					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L04-1315-T01-A	1	4.30E+00	E	4.30E+00	9.19	1.90	6.00					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T02-A	1	6.68E+00		6.68E+00	6.73	1.90	6.00					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T03-A	1	7.80E+00		7.80E+00	1.89	1.90	6.00	10000	1000	1.03E+03	102%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T04-A	1	7.87E+00		7.87E+00	4.21	1.90	6.00					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T05-A	1	8.02E+00		8.02E+00	2.29	1.90	6.00					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T06-A	1	8.47E+00		8.47E+00	2.28	1.90	6.00					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T07-A	1	6.50E+00		6.50E+00	3.26	1.90	6.00					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T08-A	1	6.42E+00		6.42E+00	1.67	1.90	6.00					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T09-A	1	7.23E+00		7.23E+00	13.35	1.90	6.00					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T01-B	1	3.69E+00	E	3.69E+00	14.61	1.90	6.00					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T02-B	1	5.23E+00	E	5.23E+00	0.57	1.90	6.00					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T03-B	1	7.31E+00		7.31E+00	1.86	1.90	6.00	10000	1000	9.54E+02	95%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T04-B	1	8.30E+00		8.30E+00	5.90	1.90	6.00					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T05-B	1	7.94E+00		7.94E+00	5.72	1.90	6.00					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T06-B	1	8.30E+00		8.30E+00	1.83	1.90	6.00					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T07-B	1	5.70E+00	E	5.70E+00	9.42	1.90	6.00					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T08-B	1	5.96E+00	E	5.96E+00	15.54	1.90	6.00					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T09-B	1	6.85E+00		6.85E+00	12.98	1.90	6.00					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T01-C	1	3.88E+00	E	3.88E+00	7.06	1.90	6.00					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T02-C	1	6.02E+00		6.02E+00	1.09	1.90	6.00					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T03-C	1	7.33E+00		7.33E+00	7.58	1.90	6.00	10000	1000	9.44E+02	94%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T04-C	1	7.93E+00		7.93E+00	2.66	1.90	6.00					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T05-C	1	8.14E+00		8.14E+00	4.94	1.90	6.00					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T06-C	1	8.68E+00		8.68E+00	2.61	1.90	6.00					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T07-C	1	6.93E+00		6.93E+00	6.67	1.90	6.00					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T08-C	1	7.02E+00		7.02E+00	2.35	1.90	6.00					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-T09-C	1	6.67E+00		6.67E+00	2.04	1.90	6.00					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	31.48	1.90	6.00					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	13.29	1.90	6.00					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	33.50	1.90	6.00					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	23.70	1.90	6.00					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	24.60	1.90	6.00					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	45.19	1.90	6.00					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	32.04	1.90	6.00					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	36.71	1.90	6.00					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Li	CFS-L04-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	42.18	1.90	6.00					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L04-1315-T01-A	1	5.44E+01		5.44E+01	1.24	2.00	6.40					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T02-A	1	2.18E+02		2.18E+02	9.41	2.00	6.40					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T03-A	1	1.95E+02		1.95E+02	2.11	2.00	6.40	10000	1000	1.22E+03	102%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T04-A	1	5.44E+02		5.44E+02		2.00	6.40					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T05-A	1	7.15E+02		7.15E+02	0.75	2.00	6.40					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T06-A	1	1.25E+03		1.25E+03	1.51	2.00	6.40					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T07-A	1	1.19E+03		1.19E+03	1.37	2.00	6.40					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T08-A	1	6.57E+02		6.57E+02	0.75	2.00	6.40					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T09-A	1	1.39E+03		1.39E+03	0.91	2.00	6.40					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T01-B	1	5.53E+01		5.53E+01	2.17	2.00	6.40					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T02-B	1	1.97E+02		1.97E+02	6.47	2.00	6.40					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T03-B	1	1.89E+02		1.89E+02	1.25	2.00	6.40	10000	1000	1.16E+03	97%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T04-B	1	5.52E+02		5.52E+02	0.71	2.00	6.40					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T05-B	1	7.50E+02		7.50E+02	1.04	2.00	6.40					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T06-B	1	1.28E+03		1.28E+03	0.65	2.00	6.40					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T07-B	1	1.17E+03		1.17E+03	1.42	2.00	6.40					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T08-B	1	6.25E+02		6.25E+02	1.30	2.00	6.40					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T09-B	1	1.33E+03		1.33E+03	1.70	2.00	6.40					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T01-C	1	5.69E+01		5.69E+01	2.14	2.00	6.40					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T02-C	1	2.16E+02		2.16E+02	0.69	2.00	6.40					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T03-C	1	2.07E+02		2.07E+02	2.15	2.00	6.40	10000	1000	1.14E+03	94%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T04-C	1	6.11E+02		6.11E+02	1.08	2.00	6.40					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T05-C	1	7.35E+02		7.35E+02	0.86	2.00	6.40					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T06-C	1	1.30E+03		1.30E+03	0.42	2.00	6.40					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T07-C	1	1.26E+03		1.26E+03	1.38	2.00	6.40					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T08-C	1	6.87E+02		6.87E+02	1.61	2.00	6.40					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-T09-C	1	1.45E+03		1.45E+03	1.36	2.00	6.40					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	7.34	2.00	6.40					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	0.88	2.00	6.40					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	10.36	2.00	6.40					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	4.59	2.00	6.40					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	10.84	2.00	6.40					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	5.66	2.00	6.40					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	1.94	2.00	6.40					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	6.72	2.00	6.40					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Mn	CFS-L04-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	13.89	2.00	6.40					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L04-1315-T01-A	1	3.42E+03		3.42E+03	0.98	1.00	3.18					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T02-A	1	1.16E+04		1.16E+04	1.61	1.00	3.18					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T03-A	1	1.12E+04		1.12E+04	2.88	1.00	3.18	10000	1000	1.21E+04	91%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T04-A	1	4.28E+04		4.28E+04	1.33	1.00	3.18					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T05-A	1	5.57E+04		5.57E+04	0.63	1.00	3.18					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T06-A	1	9.21E+04		9.21E+04	2.02	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T07-A	1	7.54E+04		7.54E+04	1.14	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T08-A	1	3.13E+04		3.13E+04	2.08	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T09-A	1	7.63E+04		7.63E+04	1.98	1.00	3.18					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T01-B	1	3.44E+03		3.44E+03	2.58	1.00	3.18					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T02-B	1	1.32E+04		1.32E+04	0.45	1.00	3.18					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T03-B	1	1.20E+04		1.20E+04	1.01	1.00	3.18	10000	1000	1.29E+04	90%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T04-B	1	4.34E+04		4.34E+04	0.44	1.00	3.18					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T05-B	1	6.03E+04		6.03E+04	0.72	1.00	3.18					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T06-B	1	9.51E+04		9.51E+04	0.91	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T07-B	1	7.51E+04		7.51E+04	1.10	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T08-B	1	3.13E+04		3.13E+04	1.40	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T09-B	1	7.38E+04		7.38E+04	1.90	1.00	3.18					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T01-C	1	3.63E+03		3.63E+03	2.75	1.00	3.18					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T02-C	1	1.43E+04		1.43E+04	0.68	1.00	3.18					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T03-C	1	1.36E+04		1.36E+04	1.51	1.00	3.18	10000	1000	1.45E+04	92%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T04-C	1	4.55E+04		4.55E+04	1.14	1.00	3.18					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T05-C	1	5.52E+04		5.52E+04	0.60	1.00	3.18					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T06-C	1	9.08E+04		9.08E+04	0.96	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T07-C	1	7.55E+04		7.55E+04	0.63	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T08-C	1	3.15E+04		3.15E+04	2.64	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-T09-C	1	7.55E+04		7.55E+04	1.75	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	20.41	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	12.11	1.00	3.18					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	25.51	1.00	3.18					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	18.03	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	3.00	1.00	3.18					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	18.66	1.00	3.18					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	36.13	1.00	3.18					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	16.99	1.00	3.18					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Mg	CFS-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	26.70	1.00	3.18					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L04-1315-T01-A	1	2.44E+00	E	2.44E+00	25.52	1.20	3.82					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T02-A	1	2.40E+00	E	2.40E+00	31.19	1.20	3.82					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T03-A	1	2.44E+00	E	2.44E+00	2.30	1.20	3.82	10000	1000	1.00E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T04-A	1	2.97E+00	E	2.97E+00	16.30	1.20	3.82					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T05-A	1	3.61E+00	E	3.61E+00	20.14	1.20	3.82					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T06-A	1	3.97E+00		3.97E+00	3.60	1.20	3.82					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T07-A	1	3.04E+00	E	3.04E+00	1.90	1.20	3.82					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T08-A	1	3.57E+00	E	3.57E+00	12.33	1.20	3.82					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T09-A	1	3.89E+00		3.89E+00	1.96	1.20	3.82					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T01-B	1	2.35E+00	E	2.35E+00	20.90	1.20	3.82					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T02-B	1	2.57E+00	E	2.57E+00	16.50	1.20	3.82					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T03-B	1	3.87E+00		3.87E+00	9.16	1.20	3.82	10000	1000	1.00E+03	100%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T04-B	1	3.01E+00	E	3.01E+00	2.70	1.20	3.82					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T05-B	1	3.56E+00	E	3.56E+00	17.48	1.20	3.82					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T06-B	1	3.14E+00	E	3.14E+00	5.93	1.20	3.82					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T07-B	1	4.96E+00		4.96E+00	8.06	1.20	3.82					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T08-B	1	2.71E+00	E	2.71E+00	19.35	1.20	3.82					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T09-B	1	4.22E+00		4.22E+00	5.55	1.20	3.82					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T01-C	1	2.48E+00	E	2.48E+00	8.34	1.20	3.82					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T02-C	1	3.11E+00	E	3.11E+00	1.05	1.20	3.82					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T03-C	1	3.31E+00	E	3.31E+00	32.13	1.20	3.82	10000	1000	1.01E+03	100%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T04-C	1	3.76E+00	E	3.76E+00	27.99	1.20	3.82					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T05-C	1	2.99E+00	E	2.99E+00	8.45	1.20	3.82					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T06-C	1	4.28E+00		4.28E+00	2.33	1.20	3.82					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T07-C	1	2.34E+00	E	2.34E+00	2.35	1.20	3.82					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T08-C	1	2.96E+00	E	2.96E+00	17.58	1.20	3.82					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-T09-C	1	4.42E+00		4.42E+00	2.04	1.20	3.82					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	10.37	1.20	3.82					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	19.40	1.20	3.82					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	22.58	1.20	3.82					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	11.52	1.20	3.82					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	23.45	1.20	3.82					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	54.68	1.20	3.82					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	7.67	1.20	3.82					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	53.53	1.20	3.82					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Mo	CFS-L04-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	53.65	1.20	3.82					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L04-1315-T01-A	1	4.18E+00	E	4.18E+00	7.07	1.80	5.70					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T02-A	1	1.49E+01		1.49E+01	4.29	1.80	5.70					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T03-A	1	1.48E+01		1.48E+01	1.94	1.80	5.70	10000	1000	1.01E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T04-A	1	3.79E+01		3.79E+01	3.42	1.80	5.70					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T05-A	1	5.05E+01		5.05E+01	1.32	1.80	5.70					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T06-A	1	8.16E+01		8.16E+01	1.42	1.80	5.70					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T07-A	1	7.63E+01		7.63E+01	1.50	1.80	5.70					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T08-A	1	3.76E+01		3.76E+01	5.32	1.80	5.70					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T09-A	1	8.00E+01		8.00E+01	1.54	1.80	5.70					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T01-B	1	4.00E+00	E	4.00E+00	20.35	1.80	5.70					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T02-B	1	1.40E+01		1.40E+01	2.60	1.80	5.70					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T03-B	1	1.48E+01		1.48E+01	5.53	1.80	5.70	10000	1000	1.09E+03	108%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T04-B	1	3.84E+01		3.84E+01	1.72	1.80	5.70					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T05-B	1	5.17E+01		5.17E+01	0.30	1.80	5.70					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T06-B	1	7.99E+01		7.99E+01	2.98	1.80	5.70					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T07-B	1	7.15E+01		7.15E+01	6.36	1.80	5.70					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T08-B	1	3.65E+01		3.65E+01	2.20	1.80	5.70					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T09-B	1	7.33E+01		7.33E+01	7.30	1.80	5.70					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T01-C	1	4.30E+00	E	4.30E+00	3.47	1.80	5.70					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T02-C	1	1.47E+01		1.47E+01	1.37	1.80	5.70					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T03-C	1	1.48E+01		1.48E+01	2.41	1.80	5.70	10000	1000	1.07E+03	106%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T04-C	1	4.41E+01		4.41E+01	0.92	1.80	5.70					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T05-C	1	5.07E+01		5.07E+01	1.73	1.80	5.70					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T06-C	1	8.45E+01		8.45E+01	0.61	1.80	5.70					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T07-C	1	7.63E+01		7.63E+01	4.23	1.80	5.70					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T08-C	1	4.05E+01		4.05E+01	3.23	1.80	5.70					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-T09-C	1	8.16E+01		8.16E+01	2.22	1.80	5.70					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	4.68	1.80	5.70					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	54.22	1.80	5.70					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	38.82	1.80	5.70					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	37.57	1.80	5.70					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	19.35	1.80	5.70					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	27.65	1.80	5.70					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	56.71	1.80	5.70					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	50.05	1.80	5.70					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Ni	CFS-L04-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	28.02	1.80	5.70					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L04-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	35.70	3.70	11.80					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T02-A	1	8.42E+00	E	8.42E+00	7.78	3.70	11.80					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T03-A	1	9.53E+00	E	9.53E+00	2.79	3.70	11.80	10000	1000	1.01E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T04-A	1	5.54E+00	E	5.54E+00	26.10	3.70	11.80					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T05-A	1	1.41E+01		1.41E+01	5.93	3.70	11.80					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T06-A	1	9.94E+00	E	9.94E+00	5.67	3.70	11.80					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T07-A	1	1.26E+01		1.26E+01	2.22	3.70	11.80					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T08-A	1	1.31E+01		1.31E+01	2.98	3.70	11.80					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T09-A	1	1.24E+01		1.24E+01	9.99	3.70	11.80					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	11.26	3.70	11.80					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T02-B	1	8.82E+00	E	8.82E+00	0.36	3.70	11.80					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T03-B	1	1.05E+01	E	1.05E+01	24.75	3.70	11.80	10000	1000	1.02E+03	101%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T04-B	1	5.60E+00	E	5.60E+00	13.46	3.70	11.80					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T05-B	1	1.70E+01		1.70E+01	2.55	3.70	11.80					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T06-B	1	1.29E+01		1.29E+01	18.73	3.70	11.80					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T07-B	1	1.35E+01		1.35E+01	9.99	3.70	11.80					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T08-B	1	1.30E+01		1.30E+01	5.14	3.70	11.80					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T09-B	1	1.07E+01	E	1.07E+01	6.24	3.70	11.80					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	38.07	3.70	11.80					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T02-C	1	8.53E+00	E	8.53E+00	1.97	3.70	11.80					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T03-C	1	9.59E+00	E	9.59E+00	22.34	3.70	11.80	10000	1000	1.06E+03	105%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T04-C	1	6.02E+00	E	6.02E+00	30.27	3.70	11.80					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T05-C	1	7.94E+00	E	7.94E+00	12.22	3.70	11.80					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T06-C	1	1.12E+01	E	1.12E+01	18.26	3.70	11.80					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T07-C	1	1.04E+01	E	1.04E+01	32.35	3.70	11.80					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T08-C	1	1.17E+01	E	1.17E+01	25.69	3.70	11.80					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-T09-C	1	1.30E+01		1.30E+01	14.81	3.70	11.80					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	59.83	3.70	11.80					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	23.08	3.70	11.80					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	14.50	3.70	11.80					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	7.13	3.70	11.80					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	35.50	3.70	11.80					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	25.57	3.70	11.80					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	33.73	3.70	11.80					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	41.26	3.70	11.80					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
P	CFS-L04-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	39.75	3.70	11.80					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L04-1315-T01-A	1	4.48E+02		4.48E+02	1.09	1.60	5.09					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T02-A	1	1.83E+03		1.83E+03	5.64	1.60	5.09					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T03-A	1	1.61E+03		1.61E+03	1.90	1.60	5.09	10000	1000	2.54E+03	93%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T04-A	1	5.31E+03		5.31E+03	2.93	1.60	5.09					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T05-A	1	6.52E+03		6.52E+03	1.56	1.60	5.09					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T06-A	1	9.58E+03		9.58E+03	2.47	1.60	5.09					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T07-A	1	7.18E+03		7.18E+03	0.79	1.60	5.09					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T08-A	1	2.59E+03		2.59E+03	2.11	1.60	5.09					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T09-A	1	6.68E+03		6.68E+03	1.99	1.60	5.09					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T01-B	1	4.47E+02		4.47E+02	2.59	1.60	5.09					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T02-B	1	1.85E+03		1.85E+03	0.69	1.60	5.09					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T03-B	1	1.61E+03		1.61E+03	1.07	1.60	5.09	10000	1000	2.60E+03	99%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T04-B	1	5.38E+03		5.38E+03	1.98	1.60	5.09					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T05-B	1	6.79E+03		6.79E+03	0.20	1.60	5.09					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T06-B	1	9.78E+03		9.78E+03	0.17	1.60	5.09					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T07-B	1	7.36E+03		7.36E+03	2.86	1.60	5.09					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T08-B	1	2.65E+03		2.65E+03	1.36	1.60	5.09					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T09-B	1	6.57E+03		6.57E+03	1.25	1.60	5.09					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T01-C	1	4.80E+02		4.80E+02	2.05	1.60	5.09					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T02-C	1	1.94E+03		1.94E+03	0.13	1.60	5.09					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T03-C	1	1.62E+03		1.62E+03	1.54	1.60	5.09	10000	1000	2.59E+03	97%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T04-C	1	5.66E+03		5.66E+03	0.67	1.60	5.09					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T05-C	1	6.31E+03		6.31E+03	0.28	1.60	5.09					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T06-C	1	9.57E+03		9.57E+03	0.44	1.60	5.09					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T07-C	1	7.21E+03		7.21E+03	0.38	1.60	5.09					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T08-C	1	2.71E+03		2.71E+03	1.85	1.60	5.09					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-T09-C	1	6.84E+03		6.84E+03	2.04	1.60	5.09					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-M01-A	1	3.81E+01		3.81E+01	7.24	1.60	5.09					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-M02-A	1	3.62E+01		3.62E+01	4.69	1.60	5.09					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-M03-A	1	2.70E+01		2.70E+01	6.94	1.60	5.09					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-M04-A	1	3.19E+01		3.19E+01	8.58	1.60	5.09					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-M05-A	1	2.63E+01		2.63E+01	9.72	1.60	5.09					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-M06-A	1	2.50E+01		2.50E+01	11.64	1.60	5.09					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-M07-A	1	2.37E+01		2.37E+01	5.65	1.60	5.09					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-M08-A	1	2.25E+01		2.25E+01	4.83	1.60	5.09					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
K	CFS-L04-1315-M09-A	1	2.12E+01		2.12E+01	6.79	1.60	5.09					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L04-1315-T01-A	1	1.81E+01	E	1.81E+01	31.29	15.00	47.70					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T02-A	1	2.31E+01	E	2.31E+01	17.30	15.00	47.70					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T03-A	1	2.93E+01	E	2.93E+01	4.40	15.00	47.70	10000	1000	1.04E+03	101%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T04-A	1	4.95E+01		4.95E+01	0.88	15.00	47.70					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T05-A	1	7.10E+01		7.10E+01	1.31	15.00	47.70					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T06-A	1	9.33E+01		9.33E+01	1.62	15.00	47.70					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T07-A	1	7.89E+01		7.89E+01	1.61	15.00	47.70					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T08-A	1	3.13E+01	E	3.13E+01	14.77	15.00	47.70					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T09-A	1	4.95E+01		4.95E+01	3.35	15.00	47.70					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T01-B	1	1.88E+01	E	1.88E+01	17.88	15.00	47.70					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T02-B	1	2.68E+01	E	2.68E+01	7.99	15.00	47.70					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T03-B	1	2.37E+01	E	2.37E+01	14.85	15.00	47.70	10000	1000	1.09E+03	107%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T04-B	1	5.02E+01		5.02E+01	5.26	15.00	47.70					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T05-B	1	8.00E+01		8.00E+01	7.45	15.00	47.70					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T06-B	1	9.71E+01		9.71E+01	6.72	15.00	47.70					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T07-B	1	6.98E+01		6.98E+01	10.38	15.00	47.70					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T08-B	1	2.56E+01	E	2.56E+01	18.85	15.00	47.70					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T09-B	1	4.82E+01		4.82E+01	2.96	15.00	47.70					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T01-C	1	1.96E+01	E	1.96E+01	3.38	15.00	47.70					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T02-C	1	2.52E+01	E	2.52E+01	0.25	15.00	47.70					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T03-C	1	3.42E+01	E	3.42E+01	9.77	15.00	47.70	10000	1000	1.09E+03	105%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T04-C	1	6.13E+01		6.13E+01	1.45	15.00	47.70					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T05-C	1	6.92E+01		6.92E+01	2.92	15.00	47.70					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T06-C	1	1.10E+02		1.10E+02	12.31	15.00	47.70					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T07-C	1	7.20E+01		7.20E+01	1.97	15.00	47.70					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T08-C	1	2.90E+01	E	2.90E+01	17.09	15.00	47.70					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-T09-C	1	3.89E+01	E	3.89E+01	9.82	15.00	47.70					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	37.22	15.00	47.70					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	41.64	15.00	47.70					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	33.53	15.00	47.70					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	47.83	15.00	47.70					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	40.88	15.00	47.70					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	15.18	15.00	47.70					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	22.15	15.00	47.70					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	36.28	15.00	47.70					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Se	CFS-L04-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	31.71	15.00	47.70					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L04-1315-T01-A	1	6.16E+01		6.16E+01	1.23	1.10	3.50					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T02-A	1	2.53E+02		2.53E+02	1.13	1.10	3.50					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T03-A	1	3.09E+02		3.09E+02	1.69	1.10	3.50	10000	1000	1.27E+03	96%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T04-A	1	6.70E+02		6.70E+02	2.33	1.10	3.50					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T05-A	1	9.41E+02		9.41E+02	1.37	1.10	3.50					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T06-A	1	1.52E+03		1.52E+03	2.72	1.10	3.50					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T07-A	1	1.53E+03		1.53E+03	1.30	1.10	3.50					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T08-A	1	8.71E+02		8.71E+02	2.03	1.10	3.50					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T09-A	1	1.69E+03		1.69E+03	1.57	1.10	3.50					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T01-B	1	6.74E+01		6.74E+01	2.98	1.10	3.50					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T02-B	1	2.70E+02		2.70E+02	0.92	1.10	3.50					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T03-B	1	2.75E+02		2.75E+02	3.00	1.10	3.50	10000	1000	1.30E+03	102%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T04-B	1	6.80E+02		6.80E+02	5.55	1.10	3.50					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T05-B	1	9.68E+02		9.68E+02	0.37	1.10	3.50					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T06-B	1	1.55E+03		1.55E+03	0.22	1.10	3.50					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T07-B	1	1.54E+03		1.54E+03	2.98	1.10	3.50					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T08-B	1	8.67E+02		8.67E+02	2.28	1.10	3.50					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T09-B	1	1.64E+03		1.64E+03	1.34	1.10	3.50					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T01-C	1	6.17E+01		6.17E+01	1.75	1.10	3.50					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T02-C	1	2.70E+02		2.70E+02	0.76	1.10	3.50					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T03-C	1	2.57E+02		2.57E+02	2.69	1.10	3.50	10000	1000	1.30E+03	105%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T04-C	1	7.03E+02		7.03E+02	0.84	1.10	3.50					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T05-C	1	8.59E+02		8.59E+02	0.39	1.10	3.50					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T06-C	1	1.54E+03		1.54E+03	0.87	1.10	3.50					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T07-C	1	1.55E+03		1.55E+03	1.08	1.10	3.50					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T08-C	1	9.41E+02		9.41E+02	1.81	1.10	3.50					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-T09-C	1	1.75E+03		1.75E+03	2.13	1.10	3.50					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	4.63	1.10	3.50					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	3.39	1.10	3.50					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	5.25	1.10	3.50					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	9.57	1.10	3.50					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	7.29	1.10	3.50					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	7.08	1.10	3.50					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	5.70	1.10	3.50					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	9.79	1.10	3.50					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Si	CFS-L04-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	1.55	1.10	3.50					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L04-1315-T01-A	1	1.50E+03		1.50E+03	0.13	2.50	8.00					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T02-A	1	5.82E+03		5.82E+03	2.08	2.50	8.00					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T03-A	1	5.61E+03		5.61E+03	1.43	2.50	8.00	10000	1000	6.52E+03	91%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T04-A	1	2.12E+04		2.12E+04	1.13	2.50	8.00					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T05-A	1	2.33E+04		2.33E+04	0.10	2.50	8.00					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T06-A	1	3.09E+04		3.09E+04	0.84	2.50	8.00					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T07-A	1	1.94E+04		1.94E+04	0.52	2.50	8.00					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T08-A	1	4.88E+03		4.88E+03	0.77	2.50	8.00					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T09-A	1	1.50E+04		1.50E+04	0.49	2.50	8.00					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T01-B	1	1.37E+03		1.37E+03	0.33	2.50	8.00					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T02-B	1	6.58E+03		6.58E+03	0.41	2.50	8.00					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T03-B	1	5.59E+03		5.59E+03	0.24	2.50	8.00	10000	1000	6.52E+03	92%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T04-B	1	2.15E+04		2.15E+04	0.88	2.50	8.00					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T05-B	1	2.39E+04		2.39E+04	1.25	2.50	8.00					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T06-B	1	3.13E+04		3.13E+04	0.47	2.50	8.00					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T07-B	1	1.99E+04		1.99E+04	0.11	2.50	8.00					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T08-B	1	5.07E+03		5.07E+03	0.38	2.50	8.00					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T09-B	1	1.52E+04		1.52E+04	0.55	2.50	8.00					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T01-C	1	1.64E+03		1.64E+03	0.81	2.50	8.00					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T02-C	1	7.19E+03		7.19E+03	0.63	2.50	8.00					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T03-C	1	6.09E+03		6.09E+03	0.21	2.50	8.00	10000	1000	7.02E+03	93%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T04-C	1	2.08E+04		2.08E+04	0.19	2.50	8.00					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T05-C	1	2.23E+04		2.23E+04	0.73	2.50	8.00					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T06-C	1	3.01E+04		3.01E+04	0.40	2.50	8.00					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T07-C	1	2.00E+04		2.00E+04	0.41	2.50	8.00					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T08-C	1	5.38E+03		5.38E+03	0.09	2.50	8.00					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-T09-C	1	1.63E+04		1.63E+04	0.70	2.50	8.00					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-M01-A	1	1.32E+01		1.32E+01	0.63	2.50	8.00					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-M02-A	1	4.63E+00	E	4.63E+00	2.15	2.50	8.00					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-M03-A	1	6.37E+00	E	6.37E+00	1.48	2.50	8.00					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-M04-A	1	5.83E+00	E	5.83E+00	1.84	2.50	8.00					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-M05-A	1	1.21E+01		1.21E+01	3.00	2.50	8.00					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-M06-A	1	1.47E+01		1.47E+01	0.73	2.50	8.00					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-M07-A	1	1.19E+01		1.19E+01	1.97	2.50	8.00					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-M08-A	1	1.26E+01		1.26E+01	1.67	2.50	8.00					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Na	CFS-L04-1315-M09-A	1	6.85E+00	E	6.85E+00	1.35	2.50	8.00					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L04-1315-T01-A	1	5.03E+01		5.03E+01	1.76	1.00	3.18					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T02-A	1	1.47E+02		1.47E+02	3.86	1.00	3.18					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T03-A	1	1.67E+02		1.67E+02	1.40	1.00	3.18	10000	1000	1.14E+03	97%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T04-A	1	3.53E+02		3.53E+02	2.72	1.00	3.18					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T05-A	1	4.19E+02		4.19E+02	1.19	1.00	3.18					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T06-A	1	6.48E+02		6.48E+02	1.02	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T07-A	1	6.30E+02		6.30E+02	1.22	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T08-A	1	3.66E+02		3.66E+02	2.28	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T09-A	1	7.18E+02		7.18E+02	2.24	1.00	3.18					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T01-B	1	5.39E+01		5.39E+01	2.30	1.00	3.18					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T02-B	1	1.44E+02		1.44E+02	0.76	1.00	3.18					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T03-B	1	1.50E+02		1.50E+02	1.41	1.00	3.18	10000	1000	1.14E+03	99%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T04-B	1	3.58E+02		3.58E+02	1.72	1.00	3.18					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T05-B	1	4.63E+02		4.63E+02	1.00	1.00	3.18					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T06-B	1	6.86E+02		6.86E+02	1.07	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T07-B	1	6.56E+02		6.56E+02	2.91	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T08-B	1	3.73E+02		3.73E+02	1.33	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T09-B	1	7.10E+02		7.10E+02	1.37	1.00	3.18					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T01-C	1	4.49E+01		4.49E+01	1.92	1.00	3.18					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T02-C	1	1.37E+02		1.37E+02	1.75	1.00	3.18					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T03-C	1	1.37E+02		1.37E+02	3.16	1.00	3.18	10000	1000	1.15E+03	102%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T04-C	1	3.61E+02		3.61E+02	1.17	1.00	3.18					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T05-C	1	3.87E+02		3.87E+02	1.68	1.00	3.18					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T06-C	1	6.57E+02		6.57E+02	1.63	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T07-C	1	6.49E+02		6.49E+02	1.14	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T08-C	1	3.90E+02		3.90E+02	1.58	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-T09-C	1	7.39E+02		7.39E+02	2.26	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	44.66	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	16.13	1.00	3.18					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	37.45	1.00	3.18					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	58.62	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	20.64	1.00	3.18					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	27.64	1.00	3.18					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	32.58	1.00	3.18					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	41.64	1.00	3.18					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Sr	CFS-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	12.08	1.00	3.18					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L04-1315-T01-A	1	1.97E+04		1.97E+04	1.06	6.80	21.60					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T02-A	1	5.02E+04		5.02E+04	3.84	6.80	21.60					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T03-A	1	5.90E+04		5.90E+04	1.79	6.80	21.60	10000	1000	5.98E+04	88%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T04-A	1	1.23E+05		1.23E+05		6.80	21.60					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T05-A	1	1.50E+05		1.50E+05	1.59	6.80	21.60					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T06-A	1	2.22E+05		2.22E+05	2.41	6.80	21.60					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T07-A	1	2.05E+05		2.05E+05	0.76	6.80	21.60					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T08-A	1	9.80E+04		9.80E+04	2.47	6.80	21.60					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T09-A	1	2.15E+05		2.15E+05	1.84	6.80	21.60					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T01-B	1	2.25E+04		2.25E+04	2.22	6.80	21.60					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T02-B	1	4.77E+04		4.77E+04	0.63	6.80	21.60					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T03-B	1	5.34E+04		5.34E+04	1.10	6.80	21.60	10000	1000	5.43E+04	90%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T04-B	1	1.25E+05		1.25E+05	0.60	6.80	21.60					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T05-B	1	1.66E+05		1.66E+05	0.21	6.80	21.60					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T06-B	1	2.33E+05		2.33E+05	0.11	6.80	21.60					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T07-B	1	2.07E+05		2.07E+05	2.90	6.80	21.60					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T08-B	1	1.00E+05		1.00E+05	1.19	6.80	21.60					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T09-B	1	2.05E+05		2.05E+05	1.38	6.80	21.60					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T01-C	1	1.87E+04		1.87E+04	2.23	6.80	21.60					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T02-C	1	4.70E+04		4.70E+04	0.18	6.80	21.60					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T03-C	1	4.74E+04		4.74E+04	1.25	6.80	21.60	10000	1000	4.83E+04	93%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T04-C	1	1.28E+05		1.28E+05	0.56	6.80	21.60					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T05-C	1	1.35E+05		1.35E+05	0.45	6.80	21.60					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T06-C	1	2.25E+05		2.25E+05	0.54	6.80	21.60					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T07-C	1	2.07E+05		2.07E+05	0.69	6.80	21.60					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T08-C	1	1.06E+05		1.06E+05	2.17	6.80	21.60					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-T09-C	1	2.29E+05		2.29E+05	2.35	6.80	21.60					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-M01-A	1	1.16E+01	E	1.16E+01	1.75	6.80	21.60					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-M02-A	1	9.24E+00	E	9.24E+00	1.21	6.80	21.60					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-M03-A	1	8.27E+00	E	8.27E+00	8.56	6.80	21.60					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-M04-A	1	8.38E+00	E	8.38E+00	9.08	6.80	21.60					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-M05-A	1	1.06E+01	E	1.06E+01	1.36	6.80	21.60					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-M06-A	1	8.07E+00	E	8.07E+00	6.32	6.80	21.60					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-M07-A	1	1.22E+01	E	1.22E+01	4.27	6.80	21.60					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-M08-A	1	8.92E+00	E	8.92E+00	2.03	6.80	21.60					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
S	CFS-L04-1315-M09-A	1	1.43E+01	E	1.43E+01	4.74	6.80	21.60					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L04-1315-T01-A	1	1.78E+01		1.78E+01	4.42	4.60	14.60					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T02-A	1	7.30E+01		7.30E+01	2.12	4.60	14.60					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T03-A	1	6.77E+01		6.77E+01	2.58	4.60	14.60	10000	1000	1.07E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T04-A	1	1.71E+02		1.71E+02	1.49	4.60	14.60					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T05-A	1	2.11E+02		2.11E+02	2.18	4.60	14.60					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T06-A	1	2.96E+02		2.96E+02	1.97	4.60	14.60					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T07-A	1	2.45E+02		2.45E+02	3.70	4.60	14.60					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T08-A	1	1.12E+02		1.12E+02	1.09	4.60	14.60					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T09-A	1	2.28E+02		2.28E+02	4.74	4.60	14.60					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T01-B	1	1.62E+01		1.62E+01	0.97	4.60	14.60					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T02-B	1	6.64E+01		6.64E+01	7.40	4.60	14.60					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T03-B	1	6.10E+01		6.10E+01	14.24	4.60	14.60	10000	1000	1.14E+03	108%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T04-B	1	1.73E+02		1.73E+02	6.02	4.60	14.60					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T05-B	1	2.19E+02		2.19E+02	1.87	4.60	14.60					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T06-B	1	3.01E+02		3.01E+02	0.14	4.60	14.60					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T07-B	1	2.47E+02		2.47E+02	4.51	4.60	14.60					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T08-B	1	1.12E+02		1.12E+02	2.45	4.60	14.60					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T09-B	1	2.25E+02		2.25E+02	2.70	4.60	14.60					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T01-C	1	1.52E+01		1.52E+01	3.87	4.60	14.60					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T02-C	1	7.04E+01		7.04E+01	1.46	4.60	14.60					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T03-C	1	6.37E+01		6.37E+01	2.24	4.60	14.60	10000	1000	1.12E+03	106%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T04-C	1	1.74E+02		1.74E+02	0.37	4.60	14.60					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T05-C	1	2.04E+02		2.04E+02	0.72	4.60	14.60					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T06-C	1	3.00E+02		3.00E+02	2.36	4.60	14.60					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T07-C	1	2.48E+02		2.48E+02	1.69	4.60	14.60					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T08-C	1	1.21E+02		1.21E+02	2.43	4.60	14.60					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-T09-C	1	2.38E+02		2.38E+02	4.23	4.60	14.60					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	7.62	4.60	14.60					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	43.90	4.60	14.60					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	101.86	4.60	14.60					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	44.63	4.60	14.60					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	33.14	4.60	14.60					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	38.01	4.60	14.60					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	27.42	4.60	14.60					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	17.87	4.60	14.60					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Tl	CFS-L04-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	19.10	4.60	14.60					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L04-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	13.00	2.00	6.40					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	55.58	2.00	6.40					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	2.45	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	23.12	2.00	6.40					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	15.73	2.00	6.40					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	45.57	2.00	6.40					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	38.81	2.00	6.40					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	45.05	2.00	6.40					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	15.99	2.00	6.40					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	59.70	2.00	6.40					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	0.96	2.00	6.40					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	32.61	2.00	6.40	10000	1000	9.44E+02	94%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	18.36	2.00	6.40					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	48.60	2.00	6.40					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	51.82	2.00	6.40					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	22.57	2.00	6.40					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	16.86	2.00	6.40					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	9.99	2.00	6.40					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	6.16	2.00	6.40					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	1.14	2.00	6.40					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	23.54	2.00	6.40	10000	1000	9.48E+02	95%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	40.87	2.00	6.40					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	30.02	2.00	6.40					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	48.11	2.00	6.40					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	53.38	2.00	6.40					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	25.90	2.00	6.40					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	28.01	2.00	6.40					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	12.59	2.00	6.40					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	51.81	2.00	6.40					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	67.81	2.00	6.40					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	38.87	2.00	6.40					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	67.48	2.00	6.40					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	12.14	2.00	6.40					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	39.72	2.00	6.40					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	11.96	2.00	6.40					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Ti	CFS-L04-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	9.48	2.00	6.40					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L04-1315-T01-A	1	2.13E+00	E	2.13E+00	10.72	1.50	4.77					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T02-A	1	3.35E+00	E	3.35E+00	14.44	1.50	4.77					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T03-A	1	4.33E+00	E	4.33E+00	1.93	1.50	4.77	10000	1000	1.00E+03	100%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T04-A	1	5.83E+00		5.83E+00	4.43	1.50	4.77					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T05-A	1	5.76E+00		5.76E+00	6.29	1.50	4.77					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T06-A	1	8.25E+00		8.25E+00	7.76	1.50	4.77					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T07-A	1	8.00E+00		8.00E+00	5.69	1.50	4.77					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T08-A	1	4.84E+00		4.84E+00	2.35	1.50	4.77					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T09-A	1	9.58E+00		9.58E+00	1.52	1.50	4.77					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T01-B	1	1.84E+00	E	1.84E+00	20.88	1.50	4.77					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T02-B	1	2.64E+00	E	2.64E+00	14.17	1.50	4.77					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T03-B	1	4.17E+00	E	4.17E+00	9.41	1.50	4.77	10000	1000	1.01E+03	101%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T04-B	1	5.91E+00		5.91E+00	3.19	1.50	4.77					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T05-B	1	6.75E+00		6.75E+00	1.72	1.50	4.77					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T06-B	1	8.16E+00		8.16E+00	3.11	1.50	4.77					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T07-B	1	7.89E+00		7.89E+00	1.19	1.50	4.77					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T08-B	1	5.02E+00		5.02E+00	10.45	1.50	4.77					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T09-B	1	8.53E+00		8.53E+00	8.75	1.50	4.77					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T01-C	1	1.77E+00	E	1.77E+00	4.14	1.50	4.77					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T02-C	1	3.13E+00	E	3.13E+00	1.26	1.50	4.77					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T03-C	1	3.87E+00	E	3.87E+00	4.00	1.50	4.77	10000	1000	1.02E+03	101%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T04-C	1	5.28E+00		5.28E+00	3.31	1.50	4.77					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T05-C	1	5.86E+00		5.86E+00	1.41	1.50	4.77					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T06-C	1	7.34E+00		7.34E+00	7.15	1.50	4.77					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T07-C	1	7.81E+00		7.81E+00	4.29	1.50	4.77					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T08-C	1	5.30E+00		5.30E+00	7.37	1.50	4.77					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-T09-C	1	9.58E+00		9.58E+00	9.06	1.50	4.77					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	43.24	1.50	4.77					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	22.20	1.50	4.77					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	25.70	1.50	4.77					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	18.45	1.50	4.77					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	30.56	1.50	4.77					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	20.31	1.50	4.77					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	9.95	1.50	4.77					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	24.04	1.50	4.77					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
V	CFS-L04-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	7.95	1.50	4.77					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L04-1315-T01-A	1	4.61E+02		4.61E+02	1.58	1.00	3.18					VU ICP-OES	10/10/11 3:38 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T02-A	1	1.40E+03		1.40E+03	15.29	1.00	3.18					VU ICP-OES	10/10/11 3:43 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T03-A	1	1.74E+03		1.74E+03	1.29	1.00	3.18	10000	1000	2.66E+03	92%	VU ICP-OES	10/10/11 3:47 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T04-A	1	3.64E+03		3.64E+03	0.93	1.00	3.18					VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T05-A	1	4.84E+03		4.84E+03	0.85	1.00	3.18					VU ICP-OES	10/10/11 1:12 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T06-A	1	7.96E+03		7.96E+03	2.26	1.00	3.18					VU ICP-OES	10/10/11 2:55 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T07-A	1	7.88E+03		7.88E+03	1.21	1.00	3.18					VU ICP-OES	10/10/11 3:00 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T08-A	1	4.40E+03		4.40E+03	0.83	1.00	3.18					VU ICP-OES	10/10/11 3:05 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T09-A	1	8.60E+03		8.60E+03	1.63	1.00	3.18					VU ICP-OES	10/10/11 3:25 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T01-B	1	4.62E+02		4.62E+02	1.85	1.00	3.18					VU ICP-OES	10/10/11 3:39 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T02-B	1	1.39E+03		1.39E+03	1.27	1.00	3.18					VU ICP-OES	10/10/11 3:44 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T03-B	1	1.56E+03		1.56E+03	1.71	1.00	3.18	10000	1000	2.49E+03	93%	VU ICP-OES	10/10/11 3:49 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T04-B	1	3.70E+03		3.70E+03	0.34	1.00	3.18					VU ICP-OES	10/10/11 3:59 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T05-B	1	4.90E+03		4.90E+03	1.19	1.00	3.18					VU ICP-OES	10/10/11 1:14 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T06-B	1	7.83E+03		7.83E+03	1.36	1.00	3.18					VU ICP-OES	10/10/11 2:56 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T07-B	1	7.62E+03		7.62E+03	0.87	1.00	3.18					VU ICP-OES	10/10/11 3:01 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T08-B	1	4.12E+03		4.12E+03	1.13	1.00	3.18					VU ICP-OES	10/10/11 3:06 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T09-B	1	8.11E+03		8.11E+03	1.15	1.00	3.18					VU ICP-OES	10/10/11 3:27 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T01-C	1	4.26E+02		4.26E+02	1.09	1.00	3.18					VU ICP-OES	10/10/11 3:41 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T02-C	1	1.43E+03		1.43E+03	0.51	1.00	3.18					VU ICP-OES	10/10/11 3:46 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T03-C	1	1.52E+03		1.52E+03	2.11	1.00	3.18	10000	1000	2.49E+03	97%	VU ICP-OES	10/10/11 3:51 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T04-C	1	3.97E+03		3.97E+03	0.88	1.00	3.18					VU ICP-OES	10/10/11 1:10 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T05-C	1	4.63E+03		4.63E+03	1.30	1.00	3.18					VU ICP-OES	10/10/11 1:15 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T06-C	1	7.93E+03		7.93E+03	1.30	1.00	3.18					VU ICP-OES	10/10/11 2:58 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T07-C	1	8.00E+03		8.00E+03	1.57	1.00	3.18					VU ICP-OES	10/10/11 3:03 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T08-C	1	4.65E+03		4.65E+03	1.67	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-T09-C	1	8.87E+03		8.87E+03	1.95	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	3.63	1.00	3.18					VU ICP-OES	10/10/11 3:23 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	3.48	1.00	3.18					VU ICP-OES	10/10/11 3:24 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	11.85	1.00	3.18					VU ICP-OES	10/10/11 3:26 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	4.17	1.00	3.18					VU ICP-OES	10/10/11 3:28 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.30	1.00	3.18					VU ICP-OES	10/10/11 3:29 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	11.53	1.00	3.18					VU ICP-OES	10/10/11 3:31 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	4.54	1.00	3.18					VU ICP-OES	10/10/11 3:33 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	5.15	1.00	3.18					VU ICP-OES	10/10/11 3:34 PM	EPA Interlab L04 1315 CFS
Zn	CFS-L04-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	7.97	1.00	3.18					VU ICP-OES	10/10/11 3:36 PM	EPA Interlab L04 1315 CFS

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L06-1315-T01-A	1	8.36E+00		8.36E+00	4.51	1.00	3.18					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T02-A	1	1.70E+01		1.70E+01	9.10	1.00	3.18					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T03-A	1	2.29E+01		2.29E+01	7.15	1.00	3.18	10000	1000	1.04E+03	101%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T04-A	1	3.00E+01		3.00E+01	7.79	1.00	3.18					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T05-A	1	3.56E+01		3.56E+01	5.72	1.00	3.18					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T06-A	1	4.24E+01		4.24E+01	4.92	1.00	3.18					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T07-A	1	4.79E+01		4.79E+01	2.53	1.00	3.18					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T08-A	1	2.98E+01		2.98E+01	4.88	1.00	3.18					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T09-A	1	4.08E+01		4.08E+01	4.45	1.00	3.18					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T01-B	1	1.01E+01		1.01E+01	4.99	1.00	3.18					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T02-B	1	1.71E+01		1.71E+01	7.61	1.00	3.18					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T03-B	1	1.93E+01		1.93E+01	11.92	1.00	3.18	10000	1000	1.12E+03	110%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T04-B	1	3.09E+01		3.09E+01	6.18	1.00	3.18					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T05-B	1	3.66E+01		3.66E+01	4.80	1.00	3.18					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T06-B	1	4.31E+01		4.31E+01	5.12	1.00	3.18					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T07-B	1	4.27E+01		4.27E+01	2.04	1.00	3.18					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T08-B	1	3.27E+01		3.27E+01	6.30	1.00	3.18					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T09-B	1	4.17E+01		4.17E+01	6.07	1.00	3.18					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T01-C	1	1.00E+01		1.00E+01	6.20	1.00	3.18					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T02-C	1	1.79E+01		1.79E+01	7.11	1.00	3.18					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T03-C	1	2.12E+01		2.12E+01	1.86	1.00	3.18	10000	1000	1.03E+03	101%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T04-C	1	3.29E+01		3.29E+01	6.51	1.00	3.18					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T05-C	1	3.83E+01		3.83E+01	1.06	1.00	3.18					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T06-C	1	4.24E+01		4.24E+01	7.55	1.00	3.18					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T07-C	1	4.13E+01		4.13E+01	10.22	1.00	3.18					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T08-C	1	3.26E+01		3.26E+01	9.39	1.00	3.18					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-T09-C	1	4.27E+01		4.27E+01	7.13	1.00	3.18					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-M01-A	1	1.94E+00	E	1.94E+00	14.53	1.00	3.18					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-M02-A	1	1.21E+00	E	1.21E+00	27.10	1.00	3.18					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	7.69	1.00	3.18					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	9.45	1.00	3.18					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	11.89	1.00	3.18					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	25.54	1.00	3.18					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	9.24	1.00	3.18					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	13.12	1.00	3.18					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Al	CFS-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	3.02	1.00	3.18					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L06-1315-T01-A	1	8.64E+00	E	8.64E+00	26.57	7.50	23.90					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T02-A	1	9.15E+00	E	9.15E+00	20.36	7.50	23.90					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T03-A	1	9.53E+00	E	9.53E+00	6.22	7.50	23.90	10000	1000	9.98E+02	99%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T04-A	1	1.25E+01	E	1.25E+01	5.85	7.50	23.90					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T05-A	1	1.61E+01	E	1.61E+01	16.05	7.50	23.90					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T06-A	1	1.23E+01	E	1.23E+01	7.53	7.50	23.90					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T07-A	1	9.41E+00	E	9.41E+00	9.15	7.50	23.90					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T08-A	1	8.33E+00	E	8.33E+00	9.79	7.50	23.90					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T09-A	1	7.69E+00	E	7.69E+00	13.16	7.50	23.90					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T01-B	1	8.81E+00	E	8.81E+00	25.48	7.50	23.90					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T02-B	1	9.28E+00	E	9.28E+00	7.73	7.50	23.90					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T03-B	1	9.71E+00	E	9.71E+00	16.49	7.50	23.90	10000	1000	9.64E+02	95%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T04-B	1	1.01E+01	E	1.01E+01	17.97	7.50	23.90					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T05-B	1	1.05E+01	E	1.05E+01	5.74	7.50	23.90					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T06-B	1	1.41E+01	E	1.41E+01	7.84	7.50	23.90					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T07-B	1	7.63E+00	E	7.63E+00	5.60	7.50	23.90					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T08-B	1	1.51E+01	E	1.51E+01	26.64	7.50	23.90					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T09-B	1	1.04E+01	E	1.04E+01	13.07	7.50	23.90					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T01-C	1	7.96E+00	E	7.96E+00	14.62	7.50	23.90					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T02-C	1	8.88E+00	E	8.88E+00	4.81	7.50	23.90					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T03-C	1	9.15E+00	E	9.15E+00	14.61	7.50	23.90	10000	1000	1.00E+03	99%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T04-C	1	9.41E+00	E	9.41E+00	5.03	7.50	23.90					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T05-C	1	1.05E+01	E	1.05E+01	3.66	7.50	23.90					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T06-C	1	1.16E+01	E	1.16E+01	4.27	7.50	23.90					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T07-C	1	8.62E+00	E	8.62E+00	14.05	7.50	23.90					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T08-C	1	9.50E+00	E	9.50E+00	25.11	7.50	23.90					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-T09-C	1	8.28E+00	E	8.28E+00	11.39	7.50	23.90					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	44.47	7.50	23.90					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	26.00	7.50	23.90					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	37.37	7.50	23.90					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	21.61	7.50	23.90					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	40.66	7.50	23.90					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	25.70	7.50	23.90					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	8.33	7.50	23.90					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	8.26	7.50	23.90					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Sb	CFS-L06-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	11.71	7.50	23.90					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L06-1315-T01-A	1	5.50E+00	U1/2	5.50E+00	31.99	11.00	35.00					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T02-A	1	5.50E+00	U1/2	5.50E+00	48.26	11.00	35.00					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T03-A	1	1.24E+01	E	1.24E+01	9.74	11.00	35.00	10000	1000	9.87E+02	97%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T04-A	1	1.23E+01	E	1.23E+01	10.11	11.00	35.00					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T05-A	1	1.41E+01	E	1.41E+01	27.96	11.00	35.00					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T06-A	1	1.39E+01	E	1.39E+01	23.99	11.00	35.00					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T07-A	1	1.25E+01	E	1.25E+01	24.41	11.00	35.00					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T08-A	1	5.50E+00	U1/2	5.50E+00	35.17	11.00	35.00					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T09-A	1	5.50E+00	U1/2	5.50E+00	9.92	11.00	35.00					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T01-B	1	5.50E+00	U1/2	5.50E+00	29.25	11.00	35.00					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T02-B	1	5.50E+00	U1/2	5.50E+00	20.16	11.00	35.00					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T03-B	1	1.33E+01	E	1.33E+01	25.73	11.00	35.00	10000	1000	1.02E+03	101%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T04-B	1	1.31E+01	E	1.31E+01	16.94	11.00	35.00					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T05-B	1	1.68E+01	E	1.68E+01	11.46	11.00	35.00					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T06-B	1	1.15E+01	E	1.15E+01	14.52	11.00	35.00					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T07-B	1	1.28E+01	E	1.28E+01	12.77	11.00	35.00					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T08-B	1	5.50E+00	U1/2	5.50E+00	31.18	11.00	35.00					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T09-B	1	5.50E+00	U1/2	5.50E+00	13.50	11.00	35.00					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T01-C	1	5.50E+00	U1/2	5.50E+00	17.39	11.00	35.00					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T02-C	1	5.50E+00	U1/2	5.50E+00	36.01	11.00	35.00					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T03-C	1	1.23E+01	E	1.23E+01	39.06	11.00	35.00	10000	1000	9.52E+02	94%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T04-C	1	1.25E+01	E	1.25E+01	24.93	11.00	35.00					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T05-C	1	1.48E+01	E	1.48E+01	32.43	11.00	35.00					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T06-C	1	1.52E+01	E	1.52E+01	20.06	11.00	35.00					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T07-C	1	1.30E+01	E	1.30E+01	13.21	11.00	35.00					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T08-C	1	5.50E+00	U1/2	5.50E+00	32.03	11.00	35.00					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-T09-C	1	5.50E+00	U1/2	5.50E+00	16.04	11.00	35.00					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	24.18	11.00	35.00					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	38.48	11.00	35.00					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	34.20	11.00	35.00					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	18.27	11.00	35.00					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	20.97	11.00	35.00					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	17.01	11.00	35.00					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	7.67	11.00	35.00					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	33.69	11.00	35.00					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
As	CFS-L06-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	24.25	11.00	35.00					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L06-1315-T01-A	1	9.89E+00		9.89E+00	3.40	1.00	3.18					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T02-A	1	3.20E+01		3.20E+01	1.27	1.00	3.18					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T03-A	1	3.08E+01		3.08E+01	3.08	1.00	3.18	10000	1000	9.61E+02	93%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T04-A	1	9.08E+01		9.08E+01	1.22	1.00	3.18					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T05-A	1	1.15E+02		1.15E+02	1.73	1.00	3.18					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T06-A	1	1.59E+02		1.59E+02	1.51	1.00	3.18					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T07-A	1	1.30E+02		1.30E+02	2.89	1.00	3.18					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T08-A	1	6.19E+01		6.19E+01	1.82	1.00	3.18					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T09-A	1	1.03E+02		1.03E+02	0.70	1.00	3.18					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T01-B	1	1.26E+01		1.26E+01	3.89	1.00	3.18					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T02-B	1	2.36E+01		2.36E+01	2.29	1.00	3.18					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T03-B	1	2.21E+01		2.21E+01	3.20	1.00	3.18	10000	1000	9.50E+02	93%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T04-B	1	7.80E+01		7.80E+01	2.77	1.00	3.18					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T05-B	1	1.02E+02		1.02E+02	1.63	1.00	3.18					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T06-B	1	1.49E+02		1.49E+02	1.09	1.00	3.18					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T07-B	1	1.27E+02		1.27E+02	1.31	1.00	3.18					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T08-B	1	6.21E+01		6.21E+01	0.98	1.00	3.18					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T09-B	1	9.86E+01		9.86E+01	0.93	1.00	3.18					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T01-C	1	1.15E+01		1.15E+01	4.17	1.00	3.18					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T02-C	1	2.41E+01		2.41E+01	2.30	1.00	3.18					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T03-C	1	1.86E+01		1.86E+01	6.08	1.00	3.18	10000	1000	9.92E+02	97%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T04-C	1	7.42E+01		7.42E+01	0.62	1.00	3.18					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T05-C	1	9.35E+01		9.35E+01	1.17	1.00	3.18					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T06-C	1	1.43E+02		1.43E+02	2.74	1.00	3.18					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T07-C	1	1.19E+02		1.19E+02	2.28	1.00	3.18					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T08-C	1	5.50E+01		5.50E+01	0.88	1.00	3.18					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-T09-C	1	9.03E+01		9.03E+01	1.01	1.00	3.18					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	5.31	1.00	3.18					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.83	1.00	3.18					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	6.30	1.00	3.18					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	0.38	1.00	3.18					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	2.84	1.00	3.18					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	1.56	1.00	3.18					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	8.30	1.00	3.18					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	2.92	1.00	3.18					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
B	CFS-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	2.66	1.00	3.18					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L06-1315-T01-A	1	2.07E+01		2.07E+01	2.91	1.00	3.18					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T02-A	1	2.38E+01		2.38E+01	3.37	1.00	3.18					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T03-A	1	2.63E+01		2.63E+01	4.68	1.00	3.18	10000	1000	9.94E+02	97%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T04-A	1	2.92E+01		2.92E+01	4.18	1.00	3.18					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T05-A	1	3.10E+01		3.10E+01	1.73	1.00	3.18					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T06-A	1	3.69E+01		3.69E+01	3.00	1.00	3.18					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T07-A	1	3.33E+01		3.33E+01	1.26	1.00	3.18					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T08-A	1	2.89E+01		2.89E+01	2.75	1.00	3.18					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T09-A	1	3.40E+01		3.40E+01	0.45	1.00	3.18					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T01-B	1	1.99E+01		1.99E+01	4.43	1.00	3.18					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T02-B	1	2.22E+01		2.22E+01	4.92	1.00	3.18					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T03-B	1	2.83E+01		2.83E+01	1.64	1.00	3.18	10000	1000	9.47E+02	92%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T04-B	1	3.01E+01		3.01E+01	2.49	1.00	3.18					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T05-B	1	3.02E+01		3.02E+01	0.99	1.00	3.18					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T06-B	1	3.43E+01		3.43E+01	1.11	1.00	3.18					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T07-B	1	3.43E+01		3.43E+01	1.72	1.00	3.18					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T08-B	1	2.94E+01		2.94E+01	1.02	1.00	3.18					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T09-B	1	3.45E+01		3.45E+01	0.29	1.00	3.18					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T01-C	1	1.73E+01		1.73E+01	2.57	1.00	3.18					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T02-C	1	2.20E+01		2.20E+01	2.44	1.00	3.18					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T03-C	1	2.56E+01		2.56E+01	4.93	1.00	3.18	10000	1000	9.93E+02	97%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T04-C	1	2.90E+01		2.90E+01	1.51	1.00	3.18					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T05-C	1	3.29E+01		3.29E+01	1.44	1.00	3.18					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T06-C	1	3.41E+01		3.41E+01	1.90	1.00	3.18					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T07-C	1	3.47E+01		3.47E+01	4.79	1.00	3.18					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T08-C	1	3.01E+01		3.01E+01	2.32	1.00	3.18					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-T09-C	1	3.55E+01		3.55E+01	0.11	1.00	3.18					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	4.37	1.00	3.18					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	5.31	1.00	3.18					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	33.04	1.00	3.18					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	8.20	1.00	3.18					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	25.34	1.00	3.18					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	15.64	1.00	3.18					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	4.54	1.00	3.18					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	15.40	1.00	3.18					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Ba	CFS-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	15.01	1.00	3.18					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L06-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	43.23	1.90	6.00					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	26.53	1.90	6.00					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	23.88	1.90	6.00	10000	1000	9.99E+02	100%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	28.60	1.90	6.00					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	18.55	1.90	6.00					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	13.99	1.90	6.00					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	15.18	1.90	6.00					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	43.14	1.90	6.00					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	65.00	1.90	6.00					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	44.66	1.90	6.00					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	41.01	1.90	6.00					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	36.32	1.90	6.00	10000	1000	1.01E+03	101%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	28.11	1.90	6.00					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	50.20	1.90	6.00					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	35.80	1.90	6.00					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	42.01	1.90	6.00					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	26.15	1.90	6.00					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	25.40	1.90	6.00					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	28.39	1.90	6.00					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	11.30	1.90	6.00					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	7.86	1.90	6.00	10000	1000	9.57E+02	96%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	12.83	1.90	6.00					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	23.91	1.90	6.00					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	6.45	1.90	6.00					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	15.04	1.90	6.00					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	8.01	1.90	6.00					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	11.17	1.90	6.00					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	28.77	1.90	6.00					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	20.00	1.90	6.00					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	18.27	1.90	6.00					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	44.47	1.90	6.00					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	16.34	1.90	6.00					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	8.37	1.90	6.00					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	31.55	1.90	6.00					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	32.17	1.90	6.00					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Be	CFS-L06-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	13.16	1.90	6.00					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L06-1315-T01-A	1	5.32E+01		5.32E+01	1.32	2.20	7.00					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T02-A	1	2.69E+02		2.69E+02	1.90	2.20	7.00					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T03-A	1	3.03E+02		3.03E+02	2.28	2.20	7.00	10000	1000	1.31E+03	101%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T04-A	1	8.16E+02		8.16E+02	2.27	2.20	7.00					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T05-A	1	9.97E+02		9.97E+02	1.25	2.20	7.00					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T06-A	1	1.43E+03		1.43E+03	0.88	2.20	7.00					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T07-A	1	1.22E+03		1.22E+03	1.55	2.20	7.00					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T08-A	1	6.26E+02		6.26E+02	1.07	2.20	7.00					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T09-A	1	1.04E+03		1.04E+03	0.99	2.20	7.00					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T01-B	1	3.71E+01		3.71E+01	1.71	2.20	7.00					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T02-B	1	2.63E+02		2.63E+02	1.12	2.20	7.00					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T03-B	1	2.81E+02		2.81E+02	2.32	2.20	7.00	10000	1000	1.37E+03	109%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T04-B	1	8.08E+02		8.08E+02	2.30	2.20	7.00					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T05-B	1	9.99E+02		9.99E+02	0.66	2.20	7.00					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T06-B	1	1.42E+03		1.42E+03	1.43	2.20	7.00					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T07-B	1	1.27E+03		1.27E+03	0.85	2.20	7.00					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T08-B	1	6.81E+02		6.81E+02	1.10	2.20	7.00					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T09-B	1	1.07E+03		1.07E+03	1.04	2.20	7.00					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T01-C	1	4.39E+01		4.39E+01	0.91	2.20	7.00					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T02-C	1	3.26E+02		3.26E+02	0.73	2.20	7.00					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T03-C	1	3.18E+02		3.18E+02	6.83	2.20	7.00	10000	1000	1.30E+03	99%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T04-C	1	8.86E+02		8.86E+02	0.94	2.20	7.00					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T05-C	1	1.08E+03		1.08E+03	0.57	2.20	7.00					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T06-C	1	1.57E+03		1.57E+03	1.88	2.20	7.00					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T07-C	1	1.40E+03		1.40E+03	3.91	2.20	7.00					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T08-C	1	7.55E+02		7.55E+02	1.91	2.20	7.00					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-T09-C	1	1.18E+03		1.18E+03	0.30	2.20	7.00					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	28.26	2.20	7.00					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	5.59	2.20	7.00					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	15.66	2.20	7.00					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	11.03	2.20	7.00					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	3.03	2.20	7.00					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	3.87	2.20	7.00					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	5.25	2.20	7.00					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	24.57	2.20	7.00					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Cd	CFS-L06-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	22.72	2.20	7.00					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L06-1315-T01-A	1	1.54E+04		1.54E+04	1.00	2.60	8.30					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T02-A	1	2.93E+04		2.93E+04	1.48	2.60	8.30					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T03-A	1	2.16E+04		2.16E+04	1.74	2.60	8.30	10000	1000	2.25E+04	87%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T04-A	1	5.96E+04		5.96E+04	1.88	2.60	8.30					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T05-A	1	7.81E+04		7.81E+04	1.25	2.60	8.30					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T06-A	1	1.19E+05		1.19E+05	0.79	2.60	8.30					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T07-A	1	1.12E+05		1.12E+05	1.57	2.60	8.30					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T08-A	1	6.20E+04		6.20E+04	0.98	2.60	8.30					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T09-A	1	1.06E+05		1.06E+05	1.42	2.60	8.30					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T01-B	1	1.43E+04		1.43E+04	1.01	2.60	8.30					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T02-B	1	2.54E+04		2.54E+04	1.48	2.60	8.30					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T03-B	1	2.18E+04		2.18E+04	2.40	2.60	8.30	10000	1000	2.27E+04	89%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T04-B	1	6.31E+04		6.31E+04	2.25	2.60	8.30					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T05-B	1	8.35E+04		8.35E+04	0.42	2.60	8.30					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T06-B	1	1.25E+05		1.25E+05	1.31	2.60	8.30					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T07-B	1	1.21E+05		1.21E+05	0.75	2.60	8.30					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T08-B	1	6.95E+04		6.95E+04	1.21	2.60	8.30					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T09-B	1	1.11E+05		1.11E+05	0.92	2.60	8.30					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T01-C	1	1.45E+04		1.45E+04	0.35	2.60	8.30					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T02-C	1	2.89E+04		2.89E+04	0.60	2.60	8.30					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T03-C	1	2.38E+04		2.38E+04	6.39	2.60	8.30	10000	1000	2.46E+04	88%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T04-C	1	6.54E+04		6.54E+04	0.98	2.60	8.30					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T05-C	1	8.46E+04		8.46E+04	0.86	2.60	8.30					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T06-C	1	1.27E+05		1.27E+05	1.90	2.60	8.30					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T07-C	1	1.22E+05		1.22E+05	3.57	2.60	8.30					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T08-C	1	7.12E+04		7.12E+04	1.55	2.60	8.30					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-T09-C	1	1.15E+05		1.15E+05	0.23	2.60	8.30					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-M01-A	1	2.71E+01		2.71E+01	3.11	2.60	8.30					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-M02-A	1	2.35E+01		2.35E+01	2.40	2.60	8.30					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-M03-A	1	2.73E+01		2.73E+01	5.28	2.60	8.30					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-M04-A	1	1.53E+01		1.53E+01	2.16	2.60	8.30					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-M05-A	1	2.30E+01		2.30E+01	1.76	2.60	8.30					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-M06-A	1	2.61E+01		2.61E+01	1.03	2.60	8.30					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-M07-A	1	2.59E+01		2.59E+01	5.40	2.60	8.30					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-M08-A	1	4.38E+00	E	4.38E+00	2.96	2.60	8.30					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Ca	CFS-L06-1315-M09-A	1	4.20E+00	E	4.20E+00	15.56	2.60	8.30					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L06-1315-T01-A	1	6.00E-01	U1/2	6.00E-01	37.77	1.20	3.82					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T02-A	1	6.00E-01	U1/2	6.00E-01	59.66	1.20	3.82					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T03-A	1	6.00E-01	U1/2	6.00E-01	23.89	1.20	3.82	10000	1000	9.99E+02	100%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T04-A	1	6.00E-01	U1/2	6.00E-01	34.90	1.20	3.82					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T05-A	1	6.00E-01	U1/2	6.00E-01	10.91	1.20	3.82					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T06-A	1	6.00E-01	U1/2	6.00E-01	13.88	1.20	3.82					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T07-A	1	6.00E-01	U1/2	6.00E-01	10.90	1.20	3.82					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T08-A	1	6.00E-01	U1/2	6.00E-01	61.66	1.20	3.82					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T09-A	1	6.00E-01	U1/2	6.00E-01	42.07	1.20	3.82					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T01-B	1	6.00E-01	U1/2	6.00E-01	6.72	1.20	3.82					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T02-B	1	6.00E-01	U1/2	6.00E-01	35.02	1.20	3.82					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T03-B	1	6.00E-01	U1/2	6.00E-01	47.51	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T04-B	1	6.00E-01	U1/2	6.00E-01	8.38	1.20	3.82					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T05-B	1	6.00E-01	U1/2	6.00E-01	40.23	1.20	3.82					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T06-B	1	6.00E-01	U1/2	6.00E-01	12.05	1.20	3.82					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T07-B	1	6.00E-01	U1/2	6.00E-01	17.40	1.20	3.82					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T08-B	1	6.00E-01	U1/2	6.00E-01	35.65	1.20	3.82					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T09-B	1	6.00E-01	U1/2	6.00E-01	42.82	1.20	3.82					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T01-C	1	6.00E-01	U1/2	6.00E-01	32.06	1.20	3.82					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T02-C	1	6.00E-01	U1/2	6.00E-01	40.97	1.20	3.82					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T03-C	1	6.00E-01	U1/2	6.00E-01	32.71	1.20	3.82	10000	1000	9.63E+02	96%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T04-C	1	6.00E-01	U1/2	6.00E-01	19.15	1.20	3.82					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T05-C	1	6.00E-01	U1/2	6.00E-01	21.69	1.20	3.82					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T06-C	1	6.00E-01	U1/2	6.00E-01	23.50	1.20	3.82					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T07-C	1	6.00E-01	U1/2	6.00E-01	25.02	1.20	3.82					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T08-C	1	6.00E-01	U1/2	6.00E-01	62.19	1.20	3.82					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-T09-C	1	6.00E-01	U1/2	6.00E-01	20.39	1.20	3.82					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	40.52	1.20	3.82					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	41.34	1.20	3.82					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	31.41	1.20	3.82					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	14.96	1.20	3.82					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	11.49	1.20	3.82					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	35.51	1.20	3.82					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	40.81	1.20	3.82					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	70.87	1.20	3.82					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Cr	CFS-L06-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	39.82	1.20	3.82					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L06-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	36.37	1.80	5.72					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T02-A	1	4.49E+00	E	4.49E+00	5.26	1.80	5.72					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T03-A	1	5.38E+00	E	5.38E+00	6.24	1.80	5.72	10000	1000	9.78E+02	97%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T04-A	1	2.16E+01		2.16E+01	2.81	1.80	5.72					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T05-A	1	2.77E+01		2.77E+01	2.97	1.80	5.72					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T06-A	1	4.42E+01		4.42E+01	1.46	1.80	5.72					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T07-A	1	3.89E+01		3.89E+01	3.15	1.80	5.72					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T08-A	1	1.68E+01		1.68E+01	6.81	1.80	5.72					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T09-A	1	3.37E+01		3.37E+01	3.72	1.80	5.72					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	11.68	1.80	5.72					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T02-B	1	4.05E+00	E	4.05E+00	7.04	1.80	5.72					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T03-B	1	4.28E+00	E	4.28E+00	7.57	1.80	5.72	10000	1000	1.00E+03	100%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T04-B	1	2.17E+01		2.17E+01	3.12	1.80	5.72					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T05-B	1	2.78E+01		2.78E+01	0.55	1.80	5.72					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T06-B	1	4.30E+01		4.30E+01	2.30	1.80	5.72					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T07-B	1	3.96E+01		3.96E+01	2.52	1.80	5.72					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T08-B	1	1.98E+01		1.98E+01	3.76	1.80	5.72					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T09-B	1	3.34E+01		3.34E+01	3.03	1.80	5.72					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	21.98	1.80	5.72					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T02-C	1	6.22E+00		6.22E+00	1.09	1.80	5.72					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T03-C	1	5.55E+00	E	5.55E+00	7.81	1.80	5.72	10000	1000	9.58E+02	95%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T04-C	1	2.53E+01		2.53E+01	5.61	1.80	5.72					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T05-C	1	3.14E+01		3.14E+01	2.81	1.80	5.72					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T06-C	1	4.95E+01		4.95E+01	3.45	1.80	5.72					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T07-C	1	4.69E+01		4.69E+01	4.12	1.80	5.72					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T08-C	1	2.33E+01		2.33E+01	5.41	1.80	5.72					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-T09-C	1	3.91E+01		3.91E+01	1.48	1.80	5.72					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	49.55	1.80	5.72					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	42.04	1.80	5.72					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	69.23	1.80	5.72					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	19.21	1.80	5.72					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	14.62	1.80	5.72					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	63.54	1.80	5.72					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	54.12	1.80	5.72					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	43.15	1.80	5.72					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Co	CFS-L06-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	59.06	1.80	5.72					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L06-1315-T01-A	1	6.79E+01		6.79E+01	1.61	3.70	11.80					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T02-A	1	1.44E+02		1.44E+02	0.67	3.70	11.80					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T03-A	1	2.06E+02		2.06E+02	2.92	3.70	11.80	10000	1000	1.13E+03	92%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T04-A	1	3.19E+02		3.19E+02	1.76	3.70	11.80					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T05-A	1	4.02E+02		4.02E+02	2.61	3.70	11.80					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T06-A	1	5.80E+02		5.80E+02	1.25	3.70	11.80					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T07-A	1	8.35E+02		8.35E+02	1.03	3.70	11.80					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T08-A	1	3.66E+02		3.66E+02	1.31	3.70	11.80					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T09-A	1	5.80E+02		5.80E+02	0.65	3.70	11.80					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T01-B	1	5.59E+01		5.59E+01	2.50	3.70	11.80					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T02-B	1	1.23E+02		1.23E+02	1.53	3.70	11.80					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T03-B	1	1.47E+02		1.47E+02	1.87	3.70	11.80	10000	1000	1.12E+03	98%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T04-B	1	2.71E+02		2.71E+02	2.33	3.70	11.80					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T05-B	1	3.48E+02		3.48E+02	0.65	3.70	11.80					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T06-B	1	5.27E+02		5.27E+02	2.27	3.70	11.80					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T07-B	1	5.52E+02		5.52E+02	1.27	3.70	11.80					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T08-B	1	3.71E+02		3.71E+02	1.12	3.70	11.80					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T09-B	1	5.84E+02		5.84E+02	0.90	3.70	11.80					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T01-C	1	4.96E+01		4.96E+01	1.80	3.70	11.80					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T02-C	1	1.40E+02		1.40E+02	1.00	3.70	11.80					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T03-C	1	1.66E+02		1.66E+02	8.94	3.70	11.80	10000	1000	1.09E+03	93%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T04-C	1	3.15E+02		3.15E+02	0.61	3.70	11.80					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T05-C	1	3.94E+02		3.94E+02	0.04	3.70	11.80					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T06-C	1	6.09E+02		6.09E+02	1.78	3.70	11.80					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T07-C	1	6.61E+02		6.61E+02	4.73	3.70	11.80					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T08-C	1	4.36E+02		4.36E+02	1.45	3.70	11.80					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-T09-C	1	6.84E+02		6.84E+02	0.40	3.70	11.80					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	2.46	3.70	11.80					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	6.97	3.70	11.80					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	7.31	3.70	11.80					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	16.44	3.70	11.80					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	10.81	3.70	11.80					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	3.54	3.70	11.80					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	6.58	3.70	11.80					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	3.72	3.70	11.80					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Cu	CFS-L06-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	4.49	3.70	11.80					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L06-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	4.42	2.00	6.40					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	11.63	2.00	6.40					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	10.20	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	21.26	2.00	6.40					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	9.38	2.00	6.40					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	7.53	2.00	6.40					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	34.36	2.00	6.40					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	12.06	2.00	6.40					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	19.50	2.00	6.40					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	0.82	2.00	6.40					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	32.96	2.00	6.40					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	4.92	2.00	6.40	10000	1000	1.01E+03	101%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	11.95	2.00	6.40					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	15.70	2.00	6.40					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	10.33	2.00	6.40					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	19.14	2.00	6.40					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	16.10	2.00	6.40					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	9.67	2.00	6.40					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	20.08	2.00	6.40					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	29.14	2.00	6.40					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	15.93	2.00	6.40	10000	1000	9.71E+02	97%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	11.94	2.00	6.40					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	13.30	2.00	6.40					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	8.96	2.00	6.40					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	11.76	2.00	6.40					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	31.25	2.00	6.40					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	8.83	2.00	6.40					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	10.04	2.00	6.40					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	3.79	2.00	6.40					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	22.88	2.00	6.40					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	24.63	2.00	6.40					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	27.71	2.00	6.40					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	13.70	2.00	6.40					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	29.66	2.00	6.40					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	11.01	2.00	6.40					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Fe	CFS-L06-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	16.20	2.00	6.40					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L06-1315-T01-A	1	3.81E+01		3.81E+01	2.52	6.80	21.60					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T02-A	1	7.05E+01		7.05E+01	8.73	6.80	21.60					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T03-A	1	1.13E+02		1.13E+02	0.20	6.80	21.60	10000	1000	1.03E+03	92%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T04-A	1	2.45E+02		2.45E+02	2.93	6.80	21.60					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T05-A	1	3.07E+02		3.07E+02	2.31	6.80	21.60					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T06-A	1	3.95E+02		3.95E+02	1.28	6.80	21.60					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T07-A	1	4.59E+02		4.59E+02	1.96	6.80	21.60					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T08-A	1	2.20E+02		2.20E+02	0.72	6.80	21.60					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T09-A	1	3.49E+02		3.49E+02	2.68	6.80	21.60					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T01-B	1	3.55E+01		3.55E+01	11.11	6.80	21.60					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T02-B	1	8.13E+01		8.13E+01	3.56	6.80	21.60					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T03-B	1	1.18E+02		1.18E+02	4.58	6.80	21.60	10000	1000	1.02E+03	90%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T04-B	1	1.97E+02		1.97E+02	4.33	6.80	21.60					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T05-B	1	2.67E+02		2.67E+02	1.77	6.80	21.60					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T06-B	1	3.82E+02		3.82E+02	1.03	6.80	21.60					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T07-B	1	3.85E+02		3.85E+02	0.42	6.80	21.60					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T08-B	1	2.52E+02		2.52E+02	1.63	6.80	21.60					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T09-B	1	3.83E+02		3.83E+02	1.11	6.80	21.60					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T01-C	1	3.63E+01		3.63E+01	4.39	6.80	21.60					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T02-C	1	8.33E+01		8.33E+01	5.90	6.80	21.60					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T03-C	1	1.25E+02		1.25E+02	5.93	6.80	21.60	10000	1000	1.03E+03	91%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T04-C	1	2.21E+02		2.21E+02	3.16	6.80	21.60					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T05-C	1	2.99E+02		2.99E+02	1.17	6.80	21.60					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T06-C	1	4.19E+02		4.19E+02	0.54	6.80	21.60					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T07-C	1	4.19E+02		4.19E+02	2.06	6.80	21.60					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T08-C	1	2.82E+02		2.82E+02	1.18	6.80	21.60					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-T09-C	1	4.11E+02		4.11E+02	1.49	6.80	21.60					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	7.89	6.80	21.60					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	17.86	6.80	21.60					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	9.40	6.80	21.60					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	16.27	6.80	21.60					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	7.25	6.80	21.60					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	13.40	6.80	21.60					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	5.77	6.80	21.60					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	18.78	6.80	21.60					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Pb	CFS-L06-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	24.05	6.80	21.60					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L06-1315-T01-A	1	2.06E+00	E	2.06E+00	41.97	1.90	6.00					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T02-A	1	2.42E+00	E	2.42E+00	15.48	1.90	6.00					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T03-A	1	2.49E+00	E	2.49E+00	8.48	1.90	6.00	10000	1000	9.19E+02	92%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T04-A	1	5.29E+00	E	5.29E+00	44.82	1.90	6.00					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T05-A	1	5.54E+00	E	5.54E+00	16.60	1.90	6.00					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T06-A	1	6.18E+00		6.18E+00	3.10	1.90	6.00					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T07-A	1	6.04E+00		6.04E+00	4.22	1.90	6.00					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T08-A	1	4.90E+00	E	4.90E+00	6.70	1.90	6.00					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T09-A	1	6.29E+00		6.29E+00	3.51	1.90	6.00					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T01-B	1	2.06E+00	E	2.06E+00	11.68	1.90	6.00					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T02-B	1	2.15E+00	E	2.15E+00	26.35	1.90	6.00					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T03-B	1	3.22E+00	E	3.22E+00	29.11	1.90	6.00	10000	1000	9.19E+02	92%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T04-B	1	4.87E+00	E	4.87E+00	52.13	1.90	6.00					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T05-B	1	5.39E+00	E	5.39E+00	35.64	1.90	6.00					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T06-B	1	6.29E+00		6.29E+00	5.58	1.90	6.00					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T07-B	1	5.72E+00	E	5.72E+00	13.86	1.90	6.00					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T08-B	1	6.15E+00		6.15E+00	10.16	1.90	6.00					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T09-B	1	6.12E+00		6.12E+00	1.66	1.90	6.00					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T01-C	1	2.97E+00	E	2.97E+00	4.13	1.90	6.00					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T02-C	1	2.45E+00	E	2.45E+00	25.98	1.90	6.00					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T03-C	1	2.25E+00	E	2.25E+00	24.47	1.90	6.00	10000	1000	8.72E+02	87%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T04-C	1	5.49E+00	E	5.49E+00	35.19	1.90	6.00					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T05-C	1	4.92E+00	E	4.92E+00	34.05	1.90	6.00					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T06-C	1	5.46E+00	E	5.46E+00	13.73	1.90	6.00					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T07-C	1	5.52E+00	E	5.52E+00	18.09	1.90	6.00					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T08-C	1	4.18E+00	E	4.18E+00	20.55	1.90	6.00					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-T09-C	1	5.96E+00	E	5.96E+00	35.80	1.90	6.00					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	28.99	1.90	6.00					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	42.99	1.90	6.00					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	48.26	1.90	6.00					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	34.21	1.90	6.00					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	56.72	1.90	6.00					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	23.56	1.90	6.00					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	14.17	1.90	6.00					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	15.40	1.90	6.00					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Li	CFS-L06-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	38.10	1.90	6.00					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L06-1315-T01-A	1	4.22E+01		4.22E+01	1.56	2.00	6.40					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T02-A	1	2.09E+02		2.09E+02	0.75	2.00	6.40					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T03-A	1	2.30E+02		2.30E+02	1.63	2.00	6.40	10000	1000	1.20E+03	97%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T04-A	1	6.49E+02		6.49E+02	0.96	2.00	6.40					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T05-A	1	7.89E+02		7.89E+02	0.52	2.00	6.40					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T06-A	1	1.28E+03		1.28E+03	0.27	2.00	6.40					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T07-A	1	1.20E+03		1.20E+03	0.73	2.00	6.40					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T08-A	1	6.25E+02		6.25E+02	1.15	2.00	6.40					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T09-A	1	1.08E+03		1.08E+03	0.19	2.00	6.40					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T01-B	1	2.73E+01		2.73E+01	1.39	2.00	6.40					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T02-B	1	2.00E+02		2.00E+02	2.37	2.00	6.40					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T03-B	1	2.08E+02		2.08E+02	2.21	2.00	6.40	10000	1000	1.20E+03	99%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T04-B	1	6.19E+02		6.19E+02	0.73	2.00	6.40					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T05-B	1	7.72E+02		7.72E+02	0.35	2.00	6.40					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T06-B	1	1.24E+03		1.24E+03	1.34	2.00	6.40					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T07-B	1	1.20E+03		1.20E+03	1.13	2.00	6.40					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T08-B	1	6.58E+02		6.58E+02	1.29	2.00	6.40					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T09-B	1	1.10E+03		1.10E+03	1.11	2.00	6.40					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T01-C	1	3.68E+01		3.68E+01	0.13	2.00	6.40					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T02-C	1	2.61E+02		2.61E+02	1.72	2.00	6.40					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T03-C	1	2.34E+02		2.34E+02	10.48	2.00	6.40	10000	1000	1.20E+03	97%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T04-C	1	6.91E+02		6.91E+02	0.31	2.00	6.40					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T05-C	1	8.59E+02		8.59E+02	0.64	2.00	6.40					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T06-C	1	1.40E+03		1.40E+03	0.82	2.00	6.40					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T07-C	1	1.36E+03		1.36E+03	2.06	2.00	6.40					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T08-C	1	7.36E+02		7.36E+02	1.63	2.00	6.40					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-T09-C	1	1.25E+03		1.25E+03	0.55	2.00	6.40					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	6.62	2.00	6.40					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	14.17	2.00	6.40					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	15.70	2.00	6.40					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	5.64	2.00	6.40					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	6.67	2.00	6.40					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	3.56	2.00	6.40					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	36.79	2.00	6.40					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	23.82	2.00	6.40					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Mn	CFS-L06-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	13.59	2.00	6.40					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L06-1315-T01-A	1	3.65E+03		3.65E+03	1.30	1.00	3.18					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T02-A	1	1.78E+04		1.78E+04	1.47	1.00	3.18					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T03-A	1	1.89E+04		1.89E+04	2.52	1.00	3.18	10000	1000	1.98E+04	91%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T04-A	1	5.44E+04		5.44E+04	1.22	1.00	3.18					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T05-A	1	6.34E+04		6.34E+04	1.04	1.00	3.18					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T06-A	1	9.50E+04		9.50E+04	1.00	1.00	3.18					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T07-A	1	8.10E+04		8.10E+04	0.79	1.00	3.18					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T08-A	1	3.92E+04		3.92E+04	1.47	1.00	3.18					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T09-A	1	6.51E+04		6.51E+04	1.82	1.00	3.18					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T01-B	1	2.20E+03		2.20E+03	0.99	1.00	3.18					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T02-B	1	1.59E+04		1.59E+04	0.82	1.00	3.18					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T03-B	1	1.67E+04		1.67E+04	2.31	1.00	3.18	10000	1000	1.76E+04	92%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T04-B	1	5.02E+04		5.02E+04	2.59	1.00	3.18					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T05-B	1	6.03E+04		6.03E+04	1.17	1.00	3.18					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T06-B	1	9.01E+04		9.01E+04	1.33	1.00	3.18					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T07-B	1	7.83E+04		7.83E+04	1.02	1.00	3.18					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T08-B	1	4.04E+04		4.04E+04	1.42	1.00	3.18					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T09-B	1	6.29E+04		6.29E+04	0.59	1.00	3.18					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T01-C	1	2.55E+03		2.55E+03	0.39	1.00	3.18					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T02-C	1	1.75E+04		1.75E+04	0.47	1.00	3.18					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T03-C	1	1.57E+04		1.57E+04	5.83	1.00	3.18	10000	1000	1.67E+04	94%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T04-C	1	4.67E+04		4.67E+04	0.65	1.00	3.18					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T05-C	1	5.54E+04		5.54E+04	0.26	1.00	3.18					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T06-C	1	8.55E+04		8.55E+04	0.57	1.00	3.18					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T07-C	1	7.53E+04		7.53E+04	2.22	1.00	3.18					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T08-C	1	3.84E+04		3.84E+04	1.74	1.00	3.18					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-T09-C	1	6.07E+04		6.07E+04	0.14	1.00	3.18					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-M01-A	1	5.38E+00		5.38E+00	9.33	1.00	3.18					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-M02-A	1	1.26E+00	E	1.26E+00	7.68	1.00	3.18					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	40.75	1.00	3.18					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	15.69	1.00	3.18					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	2.47	1.00	3.18					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	8.98	1.00	3.18					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	46.62	1.00	3.18					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	8.73	1.00	3.18					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Mg	CFS-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	40.02	1.00	3.18					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L06-1315-T01-A	1	1.49E+00	E	1.49E+00	1.81	1.20	3.82					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T02-A	1	2.56E+00	E	2.56E+00	10.03	1.20	3.82					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T03-A	1	2.49E+00	E	2.49E+00	36.53	1.20	3.82	10000	1000	9.92E+02	99%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T04-A	1	1.91E+00	E	1.91E+00	24.62	1.20	3.82					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T05-A	1	1.94E+00	E	1.94E+00	28.26	1.20	3.82					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T06-A	1	3.46E+00	E	3.46E+00	25.46	1.20	3.82					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T07-A	1	2.13E+00	E	2.13E+00	18.74	1.20	3.82					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T08-A	1	2.62E+00	E	2.62E+00	10.81	1.20	3.82					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T09-A	1	2.39E+00	E	2.39E+00	11.49	1.20	3.82					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T01-B	1	3.08E+00	E	3.08E+00	1.82	1.20	3.82					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T02-B	1	2.20E+00	E	2.20E+00	17.67	1.20	3.82					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T03-B	1	2.84E+00	E	2.84E+00	16.89	1.20	3.82	10000	1000	1.00E+03	100%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T04-B	1	2.33E+00	E	2.33E+00	9.66	1.20	3.82					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T05-B	1	3.09E+00	E	3.09E+00	23.95	1.20	3.82					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T06-B	1	3.78E+00	E	3.78E+00	32.46	1.20	3.82					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T07-B	1	3.16E+00	E	3.16E+00	24.83	1.20	3.82					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T08-B	1	3.06E+00	E	3.06E+00	23.61	1.20	3.82					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T09-B	1	2.83E+00	E	2.83E+00	7.57	1.20	3.82					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T01-C	1	1.51E+00	E	1.51E+00	18.42	1.20	3.82					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T02-C	1	2.59E+00	E	2.59E+00	33.48	1.20	3.82					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T03-C	1	2.56E+00	E	2.56E+00	17.05	1.20	3.82	10000	1000	9.60E+02	96%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T04-C	1	2.27E+00	E	2.27E+00	9.48	1.20	3.82					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T05-C	1	2.25E+00	E	2.25E+00	6.32	1.20	3.82					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T06-C	1	2.37E+00	E	2.37E+00	29.93	1.20	3.82					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T07-C	1	3.06E+00	E	3.06E+00	28.20	1.20	3.82					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T08-C	1	1.86E+00	E	1.86E+00	34.09	1.20	3.82					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-T09-C	1	2.95E+00	E	2.95E+00	19.83	1.20	3.82					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	23.03	1.20	3.82					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	51.08	1.20	3.82					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	32.12	1.20	3.82					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	34.10	1.20	3.82					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	44.33	1.20	3.82					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	20.21	1.20	3.82					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	56.68	1.20	3.82					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	34.93	1.20	3.82					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Mo	CFS-L06-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	15.70	1.20	3.82					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L06-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	11.90	1.80	5.70					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T02-A	1	9.47E+00		9.47E+00	3.78	1.80	5.70					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T03-A	1	1.25E+01		1.25E+01	2.73	1.80	5.70	10000	1000	1.01E+03	100%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T04-A	1	4.25E+01		4.25E+01	2.56	1.80	5.70					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T05-A	1	5.22E+01		5.22E+01	0.97	1.80	5.70					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T06-A	1	7.88E+01		7.88E+01	4.11	1.80	5.70					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T07-A	1	6.95E+01		6.95E+01	1.55	1.80	5.70					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T08-A	1	3.16E+01		3.16E+01	2.73	1.80	5.70					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T09-A	1	5.30E+01		5.30E+01	5.36	1.80	5.70					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	23.33	1.80	5.70					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T02-B	1	8.01E+00		8.01E+00	5.38	1.80	5.70					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T03-B	1	9.64E+00		9.64E+00	6.92	1.80	5.70	10000	1000	1.01E+03	100%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T04-B	1	4.02E+01		4.02E+01	5.90	1.80	5.70					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T05-B	1	5.14E+01		5.14E+01	2.49	1.80	5.70					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T06-B	1	7.60E+01		7.60E+01	2.81	1.80	5.70					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T07-B	1	6.76E+01		6.76E+01	2.31	1.80	5.70					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T08-B	1	3.29E+01		3.29E+01	2.71	1.80	5.70					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T09-B	1	5.32E+01		5.32E+01	1.10	1.80	5.70					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	5.18	1.80	5.70					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T02-C	1	1.22E+01		1.22E+01	1.14	1.80	5.70					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T03-C	1	1.29E+01		1.29E+01	2.23	1.80	5.70	10000	1000	9.68E+02	95%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T04-C	1	4.48E+01		4.48E+01	0.48	1.80	5.70					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T05-C	1	5.72E+01		5.72E+01	1.05	1.80	5.70					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T06-C	1	8.82E+01		8.82E+01	2.43	1.80	5.70					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T07-C	1	7.78E+01		7.78E+01	5.18	1.80	5.70					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T08-C	1	3.96E+01		3.96E+01	3.17	1.80	5.70					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-T09-C	1	6.38E+01		6.38E+01	0.98	1.80	5.70					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	17.89	1.80	5.70					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	31.97	1.80	5.70					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	31.26	1.80	5.70					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	12.58	1.80	5.70					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	24.55	1.80	5.70					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	15.70	1.80	5.70					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	11.87	1.80	5.70					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	35.47	1.80	5.70					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Ni	CFS-L06-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	28.42	1.80	5.70					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L06-1315-T01-A	1	4.23E+00	E	4.23E+00	9.42	3.70	11.80					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T02-A	1	8.99E+00	E	8.99E+00	37.39	3.70	11.80					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T03-A	1	6.76E+00	E	6.76E+00	17.10	3.70	11.80	10000	1000	9.88E+02	98%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T04-A	1	9.36E+00	E	9.36E+00	28.78	3.70	11.80					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T05-A	1	8.42E+00	E	8.42E+00	10.64	3.70	11.80					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T06-A	1	4.10E+00	E	4.10E+00	32.05	3.70	11.80					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T07-A	1	1.07E+01	E	1.07E+01	6.32	3.70	11.80					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T08-A	1	8.34E+00	E	8.34E+00	18.73	3.70	11.80					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T09-A	1	9.87E+00	E	9.87E+00	12.90	3.70	11.80					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T01-B	1	3.87E+00	E	3.87E+00	35.00	3.70	11.80					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T02-B	1	8.85E+00	E	8.85E+00	28.53	3.70	11.80					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T03-B	1	1.23E+01		1.23E+01	3.40	3.70	11.80	10000	1000	9.93E+02	98%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T04-B	1	1.36E+01		1.36E+01	2.85	3.70	11.80					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T05-B	1	1.03E+01	E	1.03E+01	11.97	3.70	11.80					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T06-B	1	7.36E+00	E	7.36E+00	12.06	3.70	11.80					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T07-B	1	5.78E+00	E	5.78E+00	5.40	3.70	11.80					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T08-B	1	4.22E+00	E	4.22E+00	39.45	3.70	11.80					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T09-B	1	7.20E+00	E	7.20E+00	22.17	3.70	11.80					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T01-C	1	5.44E+00	E	5.44E+00	13.03	3.70	11.80					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T02-C	1	1.07E+01	E	1.07E+01	4.30	3.70	11.80					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T03-C	1	1.02E+01	E	1.02E+01	8.71	3.70	11.80	10000	1000	9.55E+02	94%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T04-C	1	7.02E+00	E	7.02E+00	28.18	3.70	11.80					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T05-C	1	5.38E+00	E	5.38E+00	5.26	3.70	11.80					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T06-C	1	7.73E+00	E	7.73E+00	31.68	3.70	11.80					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T07-C	1	8.10E+00	E	8.10E+00	32.25	3.70	11.80					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T08-C	1	6.43E+00	E	6.43E+00	17.05	3.70	11.80					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-T09-C	1	7.24E+00	E	7.24E+00	25.29	3.70	11.80					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	53.11	3.70	11.80					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	45.76	3.70	11.80					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	21.26	3.70	11.80					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	10.61	3.70	11.80					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	10.27	3.70	11.80					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	31.86	3.70	11.80					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	42.50	3.70	11.80					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	28.71	3.70	11.80					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
P	CFS-L06-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	22.84	3.70	11.80					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L06-1315-T01-A	1	4.28E+02		4.28E+02	0.68	1.60	5.09					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T02-A	1	2.07E+03		2.07E+03	1.58	1.60	5.09					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T03-A	1	1.90E+03		1.90E+03	2.22	1.60	5.09	10000	1000	2.85E+03	95%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T04-A	1	5.57E+03		5.57E+03	2.04	1.60	5.09					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T05-A	1	6.38E+03		6.38E+03	1.22	1.60	5.09					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T06-A	1	9.06E+03		9.06E+03	0.90	1.60	5.09					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T07-A	1	7.28E+03		7.28E+03	1.44	1.60	5.09					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T08-A	1	3.33E+03		3.33E+03	1.07	1.60	5.09					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T09-A	1	5.50E+03		5.50E+03	1.22	1.60	5.09					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T01-B	1	2.87E+02		2.87E+02	1.18	1.60	5.09					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T02-B	1	1.98E+03		1.98E+03	1.50	1.60	5.09					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T03-B	1	1.80E+03		1.80E+03	2.11	1.60	5.09	10000	1000	2.86E+03	106%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T04-B	1	5.44E+03		5.44E+03	2.49	1.60	5.09					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T05-B	1	6.32E+03		6.32E+03	0.97	1.60	5.09					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T06-B	1	9.01E+03		9.01E+03	1.12	1.60	5.09					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T07-B	1	7.47E+03		7.47E+03	0.67	1.60	5.09					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T08-B	1	3.50E+03		3.50E+03	1.35	1.60	5.09					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T09-B	1	5.48E+03		5.48E+03	1.05	1.60	5.09					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T01-C	1	2.82E+02		2.82E+02	1.46	1.60	5.09					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T02-C	1	2.02E+03		2.02E+03	1.06	1.60	5.09					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T03-C	1	1.70E+03		1.70E+03	6.61	1.60	5.09	10000	1000	2.64E+03	95%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T04-C	1	5.10E+03		5.10E+03	0.94	1.60	5.09					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T05-C	1	5.99E+03		5.99E+03	0.92	1.60	5.09					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T06-C	1	8.72E+03		8.72E+03	1.62	1.60	5.09					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T07-C	1	7.06E+03		7.06E+03	3.68	1.60	5.09					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T08-C	1	3.39E+03		3.39E+03	1.69	1.60	5.09					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-T09-C	1	5.35E+03		5.35E+03	0.34	1.60	5.09					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-M01-A	1	4.22E+01		4.22E+01	4.93	1.60	5.09					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-M02-A	1	4.61E+01		4.61E+01	4.59	1.60	5.09					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-M03-A	1	2.48E+01		2.48E+01	4.92	1.60	5.09					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-M04-A	1	3.23E+01		3.23E+01	2.22	1.60	5.09					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-M05-A	1	4.38E+01		4.38E+01	2.27	1.60	5.09					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-M06-A	1	4.90E+01		4.90E+01	3.17	1.60	5.09					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-M07-A	1	2.72E+01		2.72E+01	4.31	1.60	5.09					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-M08-A	1	2.69E+01		2.69E+01	6.06	1.60	5.09					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
K	CFS-L06-1315-M09-A	1	1.80E+01		1.80E+01	9.65	1.60	5.09					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L06-1315-T01-A	1	1.93E+01	E	1.93E+01	10.36	15.00	47.70					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T02-A	1	2.54E+01	E	2.54E+01	7.51	15.00	47.70					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T03-A	1	3.28E+01	E	3.28E+01	6.70	15.00	47.70	10000	1000	9.32E+02	90%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T04-A	1	5.21E+01		5.21E+01	1.32	15.00	47.70					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T05-A	1	5.32E+01		5.32E+01	3.62	15.00	47.70					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T06-A	1	7.63E+01		7.63E+01	6.27	15.00	47.70					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T07-A	1	6.23E+01		6.23E+01	14.27	15.00	47.70					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T08-A	1	2.86E+01	E	2.86E+01	19.76	15.00	47.70					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T09-A	1	3.18E+01	E	3.18E+01	11.70	15.00	47.70					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T01-B	1	1.84E+01	E	1.84E+01	5.20	15.00	47.70					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T02-B	1	2.35E+01	E	2.35E+01	18.88	15.00	47.70					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T03-B	1	3.07E+01	E	3.07E+01	8.97	15.00	47.70	10000	1000	9.98E+02	97%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T04-B	1	4.11E+01	E	4.11E+01	10.51	15.00	47.70					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T05-B	1	5.21E+01		5.21E+01	1.36	15.00	47.70					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T06-B	1	7.74E+01		7.74E+01	1.24	15.00	47.70					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T07-B	1	5.30E+01		5.30E+01	9.03	15.00	47.70					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T08-B	1	2.43E+01	E	2.43E+01	14.66	15.00	47.70					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T09-B	1	2.38E+01	E	2.38E+01	23.11	15.00	47.70					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T01-C	1	1.85E+01	E	1.85E+01	22.16	15.00	47.70					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T02-C	1	2.38E+01	E	2.38E+01	15.62	15.00	47.70					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T03-C	1	3.03E+01	E	3.03E+01	3.14	15.00	47.70	10000	1000	9.41E+02	91%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T04-C	1	4.12E+01	E	4.12E+01	8.24	15.00	47.70					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T05-C	1	4.83E+01		4.83E+01	1.76	15.00	47.70					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T06-C	1	7.41E+01		7.41E+01	5.11	15.00	47.70					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T07-C	1	7.42E+01		7.42E+01	6.10	15.00	47.70					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T08-C	1	1.65E+01	E	1.65E+01	19.33	15.00	47.70					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-T09-C	1	3.43E+01	E	3.43E+01	9.50	15.00	47.70					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	26.56	15.00	47.70					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	60.40	15.00	47.70					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	6.15	15.00	47.70					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	57.16	15.00	47.70					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	15.77	15.00	47.70					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	29.82	15.00	47.70					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	20.88	15.00	47.70					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	74.85	15.00	47.70					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Se	CFS-L06-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	70.62	15.00	47.70					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L06-1315-T01-A	1	8.73E+01		8.73E+01	2.71	1.10	3.50					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T02-A	1	3.65E+02		3.65E+02	1.53	1.10	3.50					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T03-A	1	4.01E+02		4.01E+02	2.25	1.10	3.50	10000	1000	1.34E+03	94%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T04-A	1	7.47E+02		7.47E+02	1.97	1.10	3.50					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T05-A	1	9.98E+02		9.98E+02	0.54	1.10	3.50					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T06-A	1	1.47E+03		1.47E+03	1.31	1.10	3.50					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T07-A	1	1.37E+03		1.37E+03	2.16	1.10	3.50					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T08-A	1	7.19E+02		7.19E+02	1.51	1.10	3.50					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T09-A	1	1.22E+03		1.22E+03	1.82	1.10	3.50					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T01-B	1	7.51E+01		7.51E+01	4.83	1.10	3.50					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T02-B	1	3.07E+02		3.07E+02	1.00	1.10	3.50					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T03-B	1	3.17E+02		3.17E+02	2.89	1.10	3.50	10000	1000	1.31E+03	99%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T04-B	1	7.62E+02		7.62E+02	2.19	1.10	3.50					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T05-B	1	1.03E+03		1.03E+03	0.18	1.10	3.50					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T06-B	1	1.52E+03		1.52E+03	1.45	1.10	3.50					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T07-B	1	1.42E+03		1.42E+03	0.66	1.10	3.50					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T08-B	1	7.82E+02		7.82E+02	2.30	1.10	3.50					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T09-B	1	1.27E+03		1.27E+03	1.10	1.10	3.50					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T01-C	1	7.98E+01		7.98E+01	2.92	1.10	3.50					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T02-C	1	3.37E+02		3.37E+02	1.42	1.10	3.50					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T03-C	1	2.73E+02		2.73E+02	6.51	1.10	3.50	10000	1000	1.27E+03	100%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T04-C	1	8.55E+02		8.55E+02	1.00	1.10	3.50					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T05-C	1	1.06E+03		1.06E+03	0.99	1.10	3.50					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T06-C	1	1.62E+03		1.62E+03	1.85	1.10	3.50					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T07-C	1	1.50E+03		1.50E+03	4.28	1.10	3.50					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T08-C	1	8.40E+02		8.40E+02	1.74	1.10	3.50					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-T09-C	1	1.36E+03		1.36E+03	0.45	1.10	3.50					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-M01-A	1	3.08E+01		3.08E+01	4.34	1.10	3.50					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-M02-A	1	4.40E+01		4.40E+01	2.58	1.10	3.50					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-M03-A	1	3.58E+01		3.58E+01	1.73	1.10	3.50					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-M04-A	1	3.22E+01		3.22E+01	1.36	1.10	3.50					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-M05-A	1	2.79E+01		2.79E+01	2.29	1.10	3.50					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-M06-A	1	3.91E+01		3.91E+01	1.40	1.10	3.50					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-M07-A	1	2.48E+01		2.48E+01	3.87	1.10	3.50					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-M08-A	1	2.21E+01		2.21E+01	9.18	1.10	3.50					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Si	CFS-L06-1315-M09-A	1	1.76E+01		1.76E+01	1.08	1.10	3.50					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L06-1315-T01-A	1	2.20E+03		2.20E+03	0.15	2.50	8.00					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T02-A	1	8.74E+03		8.74E+03	0.10	2.50	8.00					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T03-A	1	7.95E+03		7.95E+03	0.56	2.50	8.00	10000	1000	8.83E+03	88%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T04-A	1	2.19E+04		2.19E+04	1.48	2.50	8.00					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T05-A	1	2.29E+04		2.29E+04	0.40	2.50	8.00					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T06-A	1	3.09E+04		3.09E+04	0.21	2.50	8.00					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T07-A	1	2.35E+04		2.35E+04	0.49	2.50	8.00					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T08-A	1	1.01E+04		1.01E+04	0.51	2.50	8.00					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T09-A	1	1.59E+04		1.59E+04	0.59	2.50	8.00					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T01-B	1	1.58E+03		1.58E+03	0.83	2.50	8.00					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T02-B	1	8.38E+03		8.38E+03	0.41	2.50	8.00					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T03-B	1	7.56E+03		7.56E+03	0.21	2.50	8.00	10000	1000	8.46E+03	90%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T04-B	1	2.17E+04		2.17E+04	0.16	2.50	8.00					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T05-B	1	2.31E+04		2.31E+04	0.18	2.50	8.00					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T06-B	1	3.20E+04		3.20E+04	0.69	2.50	8.00					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T07-B	1	2.51E+04		2.51E+04	0.67	2.50	8.00					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T08-B	1	1.11E+04		1.11E+04	0.37	2.50	8.00					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T09-B	1	1.67E+04		1.67E+04	1.08	2.50	8.00					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T01-C	1	1.74E+03		1.74E+03	0.62	2.50	8.00					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T02-C	1	8.76E+03		8.76E+03	0.33	2.50	8.00					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T03-C	1	7.05E+03		7.05E+03	3.58	2.50	8.00	10000	1000	7.97E+03	92%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T04-C	1	2.05E+04		2.05E+04	0.52	2.50	8.00					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T05-C	1	2.21E+04		2.21E+04	0.64	2.50	8.00					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T06-C	1	3.10E+04		3.10E+04	0.46	2.50	8.00					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T07-C	1	2.43E+04		2.43E+04	0.80	2.50	8.00					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T08-C	1	1.09E+04		1.09E+04	0.49	2.50	8.00					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-T09-C	1	1.68E+04		1.68E+04	1.05	2.50	8.00					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-M01-A	1	3.64E+01		3.64E+01	0.94	2.50	8.00					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-M02-A	1	1.99E+01		1.99E+01	1.77	2.50	8.00					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-M03-A	1	1.04E+01		1.04E+01	1.80	2.50	8.00					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-M04-A	1	2.64E+01		2.64E+01	3.56	2.50	8.00					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-M05-A	1	3.28E+01		3.28E+01	1.92	2.50	8.00					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-M06-A	1	3.54E+01		3.54E+01	2.28	2.50	8.00					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-M07-A	1	1.10E+01		1.10E+01	1.57	2.50	8.00					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-M08-A	1	1.51E+01		1.51E+01	0.97	2.50	8.00					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Na	CFS-L06-1315-M09-A	1	9.39E+00		9.39E+00	0.92	2.50	8.00					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L06-1315-T01-A	1	1.93E+01		1.93E+01	4.27	1.00	3.18					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T02-A	1	8.96E+01		8.96E+01	1.39	1.00	3.18					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T03-A	1	9.81E+01		9.81E+01	2.05	1.00	3.18	10000	1000	1.09E+03	99%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T04-A	1	2.90E+02		2.90E+02	2.50	1.00	3.18					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T05-A	1	3.81E+02		3.81E+02	0.79	1.00	3.18					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T06-A	1	6.25E+02		6.25E+02	1.24	1.00	3.18					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T07-A	1	6.08E+02		6.08E+02	1.26	1.00	3.18					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T08-A	1	3.28E+02		3.28E+02	0.88	1.00	3.18					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T09-A	1	5.70E+02		5.70E+02	0.74	1.00	3.18					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T01-B	1	1.40E+01		1.40E+01	4.36	1.00	3.18					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T02-B	1	9.20E+01		9.20E+01	2.43	1.00	3.18					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T03-B	1	9.75E+01		9.75E+01	1.86	1.00	3.18	10000	1000	1.06E+03	96%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T04-B	1	3.06E+02		3.06E+02	2.68	1.00	3.18					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T05-B	1	4.08E+02		4.08E+02	0.58	1.00	3.18					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T06-B	1	6.54E+02		6.54E+02	1.72	1.00	3.18					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T07-B	1	6.49E+02		6.49E+02	1.49	1.00	3.18					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T08-B	1	3.60E+02		3.60E+02	0.98	1.00	3.18					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T09-B	1	5.79E+02		5.79E+02	0.76	1.00	3.18					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T01-C	1	1.53E+01		1.53E+01	4.58	1.00	3.18					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T02-C	1	1.02E+02		1.02E+02	0.45	1.00	3.18					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T03-C	1	9.56E+01		9.56E+01	6.06	1.00	3.18	10000	1000	1.07E+03	98%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T04-C	1	2.87E+02		2.87E+02	1.13	1.00	3.18					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T05-C	1	3.73E+02		3.73E+02	0.73	1.00	3.18					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T06-C	1	6.04E+02		6.04E+02	2.22	1.00	3.18					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T07-C	1	5.97E+02		5.97E+02	4.24	1.00	3.18					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T08-C	1	3.40E+02		3.40E+02	2.16	1.00	3.18					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-T09-C	1	5.48E+02		5.48E+02	0.20	1.00	3.18					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	12.31	1.00	3.18					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	11.99	1.00	3.18					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	24.07	1.00	3.18					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	36.27	1.00	3.18					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	24.53	1.00	3.18					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	30.05	1.00	3.18					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.67	1.00	3.18					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	27.47	1.00	3.18					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Sr	CFS-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	12.38	1.00	3.18					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L06-1315-T01-A	1	8.36E+03		8.36E+03	1.76	6.80	21.60					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T02-A	1	3.67E+04		3.67E+04	1.82	6.80	21.60					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T03-A	1	3.98E+04		3.98E+04	2.02	6.80	21.60	10000	1000	4.06E+04	87%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T04-A	1	1.15E+05		1.15E+05	2.04	6.80	21.60					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T05-A	1	1.40E+05		1.40E+05	1.34	6.80	21.60					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T06-A	1	2.09E+05		2.09E+05	1.09	6.80	21.60					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T07-A	1	1.85E+05		1.85E+05	1.46	6.80	21.60					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T08-A	1	9.56E+04		9.56E+04	1.13	6.80	21.60					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T09-A	1	1.63E+05		1.63E+05	1.39	6.80	21.60					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T01-B	1	5.72E+03		5.72E+03	1.22	6.80	21.60					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T02-B	1	3.52E+04		3.52E+04	1.00	6.80	21.60					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T03-B	1	3.71E+04		3.71E+04	2.31	6.80	21.60	10000	1000	3.80E+04	91%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T04-B	1	1.12E+05		1.12E+05	2.44	6.80	21.60					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T05-B	1	1.40E+05		1.40E+05	0.86	6.80	21.60					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T06-B	1	2.09E+05		2.09E+05	1.32	6.80	21.60					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T07-B	1	1.92E+05		1.92E+05	0.89	6.80	21.60					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T08-B	1	1.03E+05		1.03E+05	1.06	6.80	21.60					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T09-B	1	1.64E+05		1.64E+05	0.84	6.80	21.60					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T01-C	1	6.60E+03		6.60E+03	0.47	6.80	21.60					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T02-C	1	4.02E+04		4.02E+04	0.58	6.80	21.60					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T03-C	1	3.75E+04		3.75E+04	6.25	6.80	21.60	10000	1000	3.84E+04	93%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T04-C	1	1.09E+05		1.09E+05	1.11	6.80	21.60					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T05-C	1	1.35E+05		1.35E+05	0.94	6.80	21.60					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T06-C	1	2.04E+05		2.04E+05	2.02	6.80	21.60					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T07-C	1	1.87E+05		1.87E+05	3.91	6.80	21.60					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T08-C	1	1.02E+05		1.02E+05	1.66	6.80	21.60					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-T09-C	1	1.64E+05		1.64E+05	0.38	6.80	21.60					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	8.65	6.80	21.60					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	4.57	6.80	21.60					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	3.51	6.80	21.60					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	2.55	6.80	21.60					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	12.93	6.80	21.60					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	1.62	6.80	21.60					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	2.08	6.80	21.60					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	7.64	6.80	21.60					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
S	CFS-L06-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	2.43	6.80	21.60					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L06-1315-T01-A	1	4.94E+00	E	4.94E+00	17.23	4.60	14.60					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T02-A	1	5.51E+01		5.51E+01	1.79	4.60	14.60					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T03-A	1	6.19E+01		6.19E+01	9.36	4.60	14.60	10000	1000	1.07E+03	101%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T04-A	1	1.72E+02		1.72E+02	4.03	4.60	14.60					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T05-A	1	2.13E+02		2.13E+02	2.12	4.60	14.60					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T06-A	1	2.81E+02		2.81E+02	3.07	4.60	14.60					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T07-A	1	2.41E+02		2.41E+02	3.22	4.60	14.60					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T08-A	1	1.26E+02		1.26E+02	1.58	4.60	14.60					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T09-A	1	1.97E+02		1.97E+02	0.37	4.60	14.60					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T01-B	1	4.72E+00	E	4.72E+00	24.03	4.60	14.60					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T02-B	1	5.38E+01		5.38E+01	8.00	4.60	14.60					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T03-B	1	5.84E+01		5.84E+01	6.93	4.60	14.60	10000	1000	1.08E+03	103%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T04-B	1	1.60E+02		1.60E+02	2.54	4.60	14.60					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T05-B	1	2.03E+02		2.03E+02	1.42	4.60	14.60					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T06-B	1	2.76E+02		2.76E+02	1.51	4.60	14.60					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T07-B	1	2.40E+02		2.40E+02	1.35	4.60	14.60					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T08-B	1	1.28E+02		1.28E+02	1.90	4.60	14.60					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T09-B	1	1.93E+02		1.93E+02	0.16	4.60	14.60					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T01-C	1	5.01E+00	E	5.01E+00	27.85	4.60	14.60					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T02-C	1	5.64E+01		5.64E+01	5.80	4.60	14.60					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T03-C	1	5.29E+01		5.29E+01	5.81	4.60	14.60	10000	1000	1.03E+03	98%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T04-C	1	1.57E+02		1.57E+02	2.75	4.60	14.60					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T05-C	1	1.92E+02		1.92E+02	1.43	4.60	14.60					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T06-C	1	2.77E+02		2.77E+02	3.51	4.60	14.60					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T07-C	1	2.37E+02		2.37E+02	3.31	4.60	14.60					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T08-C	1	1.27E+02		1.27E+02	3.77	4.60	14.60					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-T09-C	1	1.92E+02		1.92E+02	1.82	4.60	14.60					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	41.97	4.60	14.60					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	22.96	4.60	14.60					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	28.72	4.60	14.60					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	18.24	4.60	14.60					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	17.16	4.60	14.60					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	32.04	4.60	14.60					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	41.67	4.60	14.60					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	14.25	4.60	14.60					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Tl	CFS-L06-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	11.94	4.60	14.60					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L06-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	15.10	2.00	6.40					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	32.87	2.00	6.40					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	66.60	2.00	6.40	10000	1000	9.96E+02	99%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	56.03	2.00	6.40					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	29.65	2.00	6.40					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	56.54	2.00	6.40					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	30.07	2.00	6.40					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	14.66	2.00	6.40					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	62.25	2.00	6.40					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	27.44	2.00	6.40					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	27.00	2.00	6.40					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	11.33	2.00	6.40	10000	1000	1.05E+03	105%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	66.82	2.00	6.40					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	40.00	2.00	6.40					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	16.93	2.00	6.40					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	32.94	2.00	6.40					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	17.71	2.00	6.40					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	40.63	2.00	6.40					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	8.18	2.00	6.40					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	44.15	2.00	6.40					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	30.81	2.00	6.40	10000	1000	9.50E+02	95%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	50.47	2.00	6.40					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	21.04	2.00	6.40					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	56.99	2.00	6.40					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	40.56	2.00	6.40					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	22.91	2.00	6.40					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	14.91	2.00	6.40					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	11.22	2.00	6.40					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	20.88	2.00	6.40					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	5.30	2.00	6.40					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	15.56	2.00	6.40					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	45.70	2.00	6.40					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	18.73	2.00	6.40					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	9.19	2.00	6.40					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	11.68	2.00	6.40					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Ti	CFS-L06-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	3.88	2.00	6.40					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L06-1315-T01-A	1	2.17E+00	E	2.17E+00	27.13	1.50	4.77					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T02-A	1	2.41E+00	E	2.41E+00	6.21	1.50	4.77					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T03-A	1	3.25E+00	E	3.25E+00	12.08	1.50	4.77	10000	1000	9.13E+02	91%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T04-A	1	3.63E+00	E	3.63E+00	25.48	1.50	4.77					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T05-A	1	4.41E+00	E	4.41E+00	18.36	1.50	4.77					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T06-A	1	8.15E+00		8.15E+00	10.61	1.50	4.77					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T07-A	1	6.87E+00		6.87E+00	4.12	1.50	4.77					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T08-A	1	3.57E+00	E	3.57E+00	5.49	1.50	4.77					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T09-A	1	5.70E+00		5.70E+00	9.96	1.50	4.77					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T01-B	1	1.94E+00	E	1.94E+00	27.22	1.50	4.77					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T02-B	1	2.65E+00	E	2.65E+00	22.65	1.50	4.77					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T03-B	1	3.39E+00	E	3.39E+00	16.43	1.50	4.77	10000	1000	9.72E+02	97%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T04-B	1	3.89E+00	E	3.89E+00	4.35	1.50	4.77					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T05-B	1	5.43E+00		5.43E+00	6.45	1.50	4.77					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T06-B	1	7.32E+00		7.32E+00	7.95	1.50	4.77					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T07-B	1	6.52E+00		6.52E+00	1.25	1.50	4.77					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T08-B	1	4.08E+00	E	4.08E+00	22.60	1.50	4.77					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T09-B	1	5.75E+00		5.75E+00	2.54	1.50	4.77					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T01-C	1	2.02E+00	E	2.02E+00	8.64	1.50	4.77					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T02-C	1	2.55E+00	E	2.55E+00	9.26	1.50	4.77					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T03-C	1	3.79E+00	E	3.79E+00	13.87	1.50	4.77	10000	1000	9.04E+02	90%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T04-C	1	4.10E+00	E	4.10E+00	11.72	1.50	4.77					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T05-C	1	5.39E+00		5.39E+00	2.14	1.50	4.77					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T06-C	1	6.69E+00		6.69E+00	7.42	1.50	4.77					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T07-C	1	6.96E+00		6.96E+00	4.24	1.50	4.77					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T08-C	1	5.12E+00		5.12E+00	5.11	1.50	4.77					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-T09-C	1	6.23E+00		6.23E+00	4.65	1.50	4.77					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	40.04	1.50	4.77					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	23.76	1.50	4.77					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	41.11	1.50	4.77					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	18.96	1.50	4.77					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	36.32	1.50	4.77					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	22.32	1.50	4.77					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	17.18	1.50	4.77					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	27.00	1.50	4.77					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
V	CFS-L06-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	31.93	1.50	4.77					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L06-1315-T01-A	1	2.27E+02		2.27E+02	1.21	1.00	3.18					VU ICP-OES	9/12/11 3:35 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T02-A	1	1.23E+03		1.23E+03	1.67	1.00	3.18					VU ICP-OES	9/12/11 3:36 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T03-A	1	1.49E+03		1.49E+03	1.95	1.00	3.18	10000	1000	2.40E+03	91%	VU ICP-OES	9/12/11 3:38 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T04-A	1	4.17E+03		4.17E+03	0.79	1.00	3.18					VU ICP-OES	9/12/11 3:39 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T05-A	1	5.07E+03		5.07E+03	1.04	1.00	3.18					VU ICP-OES	9/12/11 3:41 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T06-A	1	7.58E+03		7.58E+03	0.66	1.00	3.18					VU ICP-OES	9/12/11 3:43 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T07-A	1	6.70E+03		6.70E+03	1.61	1.00	3.18					VU ICP-OES	9/12/11 3:44 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T08-A	1	3.43E+03		3.43E+03	1.59	1.00	3.18					VU ICP-OES	9/12/11 3:46 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T09-A	1	5.53E+03		5.53E+03	16.62	1.00	3.18					VU ICP-OES	9/12/11 3:48 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T01-B	1	1.68E+02		1.68E+02	1.61	1.00	3.18					VU ICP-OES	9/12/11 3:54 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T02-B	1	1.17E+03		1.17E+03	1.66	1.00	3.18					VU ICP-OES	9/12/11 3:56 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T03-B	1	1.31E+03		1.31E+03	2.86	1.00	3.18	10000	1000	2.21E+03	90%	VU ICP-OES	9/12/11 3:58 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T04-B	1	3.93E+03		3.93E+03	0.87	1.00	3.18					VU ICP-OES	9/12/11 3:59 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T05-B	1	4.94E+03		4.94E+03	0.77	1.00	3.18					VU ICP-OES	9/12/11 4:01 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T06-B	1	7.35E+03		7.35E+03	1.38	1.00	3.18					VU ICP-OES	9/12/11 4:03 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T07-B	1	6.67E+03		6.67E+03	1.84	1.00	3.18					VU ICP-OES	9/12/11 4:04 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T08-B	1	3.63E+03		3.63E+03	0.80	1.00	3.18					VU ICP-OES	9/12/11 4:06 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T09-B	1	5.80E+03		5.80E+03	2.02	1.00	3.18					VU ICP-OES	9/12/11 4:07 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T01-C	1	1.95E+02		1.95E+02	0.66	1.00	3.18					VU ICP-OES	9/12/11 4:09 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T02-C	1	1.47E+03		1.47E+03	1.55	1.00	3.18					VU ICP-OES	9/12/11 4:11 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T03-C	1	1.51E+03		1.51E+03	1.10	1.00	3.18	10000	1000	2.44E+03	92%	VU ICP-OES	9/12/11 4:12 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T04-C	1	4.57E+03		4.57E+03	0.21	1.00	3.18					VU ICP-OES	9/12/11 4:14 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T05-C	1	5.76E+03		5.76E+03	0.33	1.00	3.18					VU ICP-OES	9/12/11 4:16 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T06-C	1	8.67E+03		8.67E+03	0.78	1.00	3.18					VU ICP-OES	9/12/11 4:17 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T07-C	1	7.92E+03		7.92E+03	3.06	1.00	3.18					VU ICP-OES	9/12/11 4:19 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T08-C	1	4.26E+03		4.26E+03	2.42	1.00	3.18					VU ICP-OES	9/12/11 4:21 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-T09-C	1	6.81E+03		6.81E+03	0.61	1.00	3.18					VU ICP-OES	9/12/11 4:22 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	6.39	1.00	3.18					VU ICP-OES	9/12/11 3:20 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	2.51	1.00	3.18					VU ICP-OES	9/12/11 3:21 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	8.10	1.00	3.18					VU ICP-OES	9/12/11 3:23 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.80	1.00	3.18					VU ICP-OES	9/12/11 3:25 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	2.17	1.00	3.18					VU ICP-OES	9/12/11 3:26 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	2.59	1.00	3.18					VU ICP-OES	9/12/11 3:28 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	11.75	1.00	3.18					VU ICP-OES	9/12/11 3:30 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.64	1.00	3.18					VU ICP-OES	9/12/11 3:31 PM	EPA Interlab L06 1315 CFS
Zn	CFS-L06-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	4.50	1.00	3.18					VU ICP-OES	9/12/11 3:33 PM	EPA Interlab L06 1315 CFS

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L07-1315-T01-A	1	7.06E+00		7.06E+00	1.54	1.00	3.18					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T02-A	1	2.75E+01		2.75E+01	4.22	1.00	3.18					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T03-A	1	2.61E+01		2.61E+01	2.49	1.00	3.18	10000	1000	9.89E+02	96%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T04-A	1	3.63E+01		3.63E+01	0.89	1.00	3.18					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T05-A	1	4.09E+01		4.09E+01	1.74	1.00	3.18					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T06-A	1	4.86E+01		4.86E+01	6.96	1.00	3.18					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T07-A	1	4.76E+01		4.76E+01	5.15	1.00	3.18					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T08-A	1	4.02E+01		4.02E+01	1.63	1.00	3.18					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T09-A	1	4.43E+01		4.43E+01	1.19	1.00	3.18					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T01-B	1	1.58E+01		1.58E+01	2.72	1.00	3.18					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T02-B	1	2.15E+01		2.15E+01	6.23	1.00	3.18					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T03-B	1	2.19E+01		2.19E+01	10.59	1.00	3.18	10000	1000	9.94E+02	97%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T04-B	1	3.73E+01		3.73E+01	6.89	1.00	3.18					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T05-B	1	4.07E+01		4.07E+01	6.38	1.00	3.18					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T06-B	1	5.02E+01		5.02E+01	2.13	1.00	3.18					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T07-B	1	4.59E+01		4.59E+01	1.17	1.00	3.18					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T08-B	1	3.47E+01		3.47E+01	1.37	1.00	3.18					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T09-B	1	4.60E+01		4.60E+01	6.38	1.00	3.18					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T01-C	1	9.17E+00		9.17E+00	10.02	1.00	3.18					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T02-C	1	2.78E+01		2.78E+01	6.30	1.00	3.18					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T03-C	1	2.26E+01		2.26E+01	7.51	1.00	3.18	10000	1000	9.63E+02	94%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T04-C	1	4.94E+01		4.94E+01	3.15	1.00	3.18					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T05-C	1	4.73E+01		4.73E+01	1.20	1.00	3.18					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T06-C	1	5.03E+01		5.03E+01	3.48	1.00	3.18					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T07-C	1	4.65E+01		4.65E+01	2.72	1.00	3.18					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T08-C	1	3.62E+01		3.62E+01	6.77	1.00	3.18					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-T09-C	1	4.42E+01		4.42E+01	2.86	1.00	3.18					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-M01-A	1	1.30E+00	E	1.30E+00	22.36	1.00	3.18					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-M02-A	1	1.13E+00	E	1.13E+00	8.21	1.00	3.18					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	16.57	1.00	3.18					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	24.02	1.00	3.18					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	5.73	1.00	3.18					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	4.61	1.00	3.18					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	12.74	1.00	3.18					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-M08-A	1	1.42E+00	E	1.42E+00	21.38	1.00	3.18					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Al	CFS-L07-1315-M09-A	1	1.38E+00	E	1.38E+00	17.06	1.00	3.18					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L07-1315-T01-A	1	9.46E+00	E	9.46E+00	5.84	7.50	23.90					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T02-A	1	1.17E+01	E	1.17E+01	19.61	7.50	23.90					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T03-A	1	1.05E+01	E	1.05E+01	7.29	7.50	23.90	10000	1000	9.88E+02	98%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T04-A	1	9.52E+00	E	9.52E+00	7.73	7.50	23.90					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T05-A	1	1.14E+01	E	1.14E+01	10.38	7.50	23.90					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T06-A	1	1.17E+01	E	1.17E+01	19.35	7.50	23.90					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T07-A	1	1.31E+01	E	1.31E+01	13.56	7.50	23.90					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T08-A	1	1.17E+01	E	1.17E+01	25.67	7.50	23.90					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T09-A	1	1.58E+01	E	1.58E+01	17.38	7.50	23.90					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T01-B	1	9.84E+00	E	9.84E+00	16.83	7.50	23.90					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T02-B	1	1.23E+01	E	1.23E+01	17.41	7.50	23.90					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T03-B	1	1.15E+01	E	1.15E+01	7.62	7.50	23.90	10000	1000	9.62E+02	95%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T04-B	1	1.76E+01	E	1.76E+01	5.54	7.50	23.90					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T05-B	1	1.55E+01	E	1.55E+01	6.53	7.50	23.90					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T06-B	1	1.28E+01	E	1.28E+01	3.86	7.50	23.90					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T07-B	1	1.71E+01	E	1.71E+01	24.14	7.50	23.90					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T08-B	1	1.36E+01	E	1.36E+01	23.63	7.50	23.90					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T09-B	1	1.57E+01	E	1.57E+01	19.73	7.50	23.90					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T01-C	1	9.07E+00	E	9.07E+00	11.37	7.50	23.90					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T02-C	1	7.69E+00	E	7.69E+00	4.62	7.50	23.90					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T03-C	1	7.86E+00	E	7.86E+00	8.66	7.50	23.90	10000	1000	9.71E+02	96%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T04-C	1	1.68E+01	E	1.68E+01	4.89	7.50	23.90					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T05-C	1	1.19E+01	E	1.19E+01	13.39	7.50	23.90					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T06-C	1	1.40E+01	E	1.40E+01	23.36	7.50	23.90					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T07-C	1	1.57E+01	E	1.57E+01	7.73	7.50	23.90					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T08-C	1	1.09E+01	E	1.09E+01	4.32	7.50	23.90					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-T09-C	1	1.29E+01	E	1.29E+01	8.30	7.50	23.90					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	37.06	7.50	23.90					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	25.81	7.50	23.90					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	18.89	7.50	23.90					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	17.55	7.50	23.90					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	23.89	7.50	23.90					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	7.53	7.50	23.90					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	5.94	7.50	23.90					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	13.61	7.50	23.90					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Sb	CFS-L07-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	11.51	7.50	23.90					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L07-1315-T01-A	1	5.50E+00	U1/2	5.50E+00	7.84	11.00	35.00					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T02-A	1	1.43E+01	E	1.43E+01	13.03	11.00	35.00					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T03-A	1	1.54E+01	E	1.54E+01	24.93	11.00	35.00	10000	1000	8.98E+02	88%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T04-A	1	1.18E+01	E	1.18E+01	19.39	11.00	35.00					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T05-A	1	1.64E+01	E	1.64E+01	12.41	11.00	35.00					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T06-A	1	1.25E+01	E	1.25E+01	10.96	11.00	35.00					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T07-A	1	5.50E+00	U1/2	5.50E+00	41.23	11.00	35.00					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T08-A	1	5.50E+00	U1/2	5.50E+00	34.16	11.00	35.00					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T09-A	1	5.50E+00	U1/2	5.50E+00	39.42	11.00	35.00					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T01-B	1	5.50E+00	U1/2	5.50E+00	8.00	11.00	35.00					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T02-B	1	1.21E+01	E	1.21E+01	11.91	11.00	35.00					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T03-B	1	1.32E+01	E	1.32E+01	21.89	11.00	35.00	10000	1000	9.23E+02	91%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T04-B	1	1.49E+01	E	1.49E+01	11.06	11.00	35.00					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T05-B	1	1.34E+01	E	1.34E+01	25.97	11.00	35.00					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T06-B	1	1.12E+01	E	1.12E+01	25.06	11.00	35.00					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T07-B	1	5.50E+00	U1/2	5.50E+00	30.08	11.00	35.00					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T08-B	1	5.50E+00	U1/2	5.50E+00	33.71	11.00	35.00					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T09-B	1	5.50E+00	U1/2	5.50E+00	24.56	11.00	35.00					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T01-C	1	5.50E+00	U1/2	5.50E+00	32.01	11.00	35.00					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T02-C	1	1.36E+01	E	1.36E+01	39.56	11.00	35.00					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T03-C	1	1.46E+01	E	1.46E+01	23.11	11.00	35.00	10000	1000	9.29E+02	91%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T04-C	1	1.36E+01	E	1.36E+01	15.20	11.00	35.00					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T05-C	1	1.27E+01	E	1.27E+01	38.73	11.00	35.00					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T06-C	1	1.16E+01	E	1.16E+01	20.91	11.00	35.00					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T07-C	1	5.50E+00	U1/2	5.50E+00	36.48	11.00	35.00					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T08-C	1	5.50E+00	U1/2	5.50E+00	27.01	11.00	35.00					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-T09-C	1	5.50E+00	U1/2	5.50E+00	22.87	11.00	35.00					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	20.80	11.00	35.00					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	58.00	11.00	35.00					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	70.90	11.00	35.00					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	45.12	11.00	35.00					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	52.76	11.00	35.00					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	41.84	11.00	35.00					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	34.71	11.00	35.00					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	63.52	11.00	35.00					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
As	CFS-L07-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	9.28	11.00	35.00					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L07-1315-T01-A	1	1.75E+01		1.75E+01	3.44	1.00	3.18					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T02-A	1	3.33E+01		3.33E+01	0.88	1.00	3.18					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T03-A	1	3.96E+01		3.96E+01	3.16	1.00	3.18	10000	1000	9.29E+02	89%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T04-A	1	9.87E+01		9.87E+01	1.53	1.00	3.18					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T05-A	1	1.21E+02		1.21E+02	0.37	1.00	3.18					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T06-A	1	1.95E+02		1.95E+02	1.36	1.00	3.18					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T07-A	1	1.59E+02		1.59E+02	1.64	1.00	3.18					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T08-A	1	7.49E+01		7.49E+01	0.98	1.00	3.18					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T09-A	1	1.19E+02		1.19E+02	1.25	1.00	3.18					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T01-B	1	1.83E+01		1.83E+01	4.50	1.00	3.18					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T02-B	1	3.53E+01		3.53E+01	2.43	1.00	3.18					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T03-B	1	4.02E+01		4.02E+01	2.22	1.00	3.18	10000	1000	9.38E+02	90%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T04-B	1	9.75E+01		9.75E+01	0.68	1.00	3.18					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T05-B	1	1.20E+02		1.20E+02	0.40	1.00	3.18					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T06-B	1	1.92E+02		1.92E+02	0.61	1.00	3.18					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T07-B	1	1.56E+02		1.56E+02	1.39	1.00	3.18					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T08-B	1	7.33E+01		7.33E+01	2.90	1.00	3.18					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T09-B	1	1.20E+02		1.20E+02	1.71	1.00	3.18					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T01-C	1	1.82E+01		1.82E+01	4.51	1.00	3.18					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T02-C	1	3.45E+01		3.45E+01	2.35	1.00	3.18					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T03-C	1	3.85E+01		3.85E+01	2.32	1.00	3.18	10000	1000	9.68E+02	93%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T04-C	1	9.44E+01		9.44E+01	5.41	1.00	3.18					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T05-C	1	1.16E+02		1.16E+02	0.98	1.00	3.18					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T06-C	1	1.92E+02		1.92E+02	1.10	1.00	3.18					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T07-C	1	1.55E+02		1.55E+02	1.33	1.00	3.18					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T08-C	1	7.09E+01		7.09E+01	0.35	1.00	3.18					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-T09-C	1	1.17E+02		1.17E+02	1.82	1.00	3.18					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	2.56	1.00	3.18					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.43	1.00	3.18					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	3.92	1.00	3.18					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	3.85	1.00	3.18					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	3.46	1.00	3.18					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	3.06	1.00	3.18					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	9.49	1.00	3.18					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	2.35	1.00	3.18					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
B	CFS-L07-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	1.77	1.00	3.18					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L07-1315-T01-A	1	1.51E+01		1.51E+01	1.50	1.00	3.18					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T02-A	1	2.70E+01		2.70E+01	0.98	1.00	3.18					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T03-A	1	2.95E+01		2.95E+01	0.59	1.00	3.18	10000	1000	9.53E+02	92%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T04-A	1	3.53E+01		3.53E+01	0.51	1.00	3.18					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T05-A	1	3.38E+01		3.38E+01	0.77	1.00	3.18					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T06-A	1	3.36E+01		3.36E+01	1.85	1.00	3.18					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T07-A	1	2.89E+01		2.89E+01	0.37	1.00	3.18					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T08-A	1	3.78E+01		3.78E+01	1.36	1.00	3.18					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T09-A	1	3.75E+01		3.75E+01	0.43	1.00	3.18					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T01-B	1	1.77E+01		1.77E+01	5.61	1.00	3.18					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T02-B	1	2.98E+01		2.98E+01	0.68	1.00	3.18					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T03-B	1	2.60E+01		2.60E+01	2.16	1.00	3.18	10000	1000	9.80E+02	95%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T04-B	1	2.92E+01		2.92E+01	1.30	1.00	3.18					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T05-B	1	2.93E+01		2.93E+01	0.31	1.00	3.18					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T06-B	1	3.11E+01		3.11E+01	0.38	1.00	3.18					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T07-B	1	2.91E+01		2.91E+01	1.43	1.00	3.18					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T08-B	1	3.15E+01		3.15E+01	2.67	1.00	3.18					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T09-B	1	3.50E+01		3.50E+01	2.04	1.00	3.18					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T01-C	1	1.80E+01		1.80E+01	3.69	1.00	3.18					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T02-C	1	2.59E+01		2.59E+01	1.04	1.00	3.18					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T03-C	1	2.06E+01		2.06E+01	1.91	1.00	3.18	10000	1000	9.70E+02	95%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T04-C	1	2.84E+01		2.84E+01	4.71	1.00	3.18					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T05-C	1	2.51E+01		2.51E+01	1.35	1.00	3.18					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T06-C	1	3.63E+01		3.63E+01	1.11	1.00	3.18					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T07-C	1	2.92E+01		2.92E+01	1.76	1.00	3.18					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T08-C	1	2.96E+01		2.96E+01	1.30	1.00	3.18					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-T09-C	1	2.95E+01		2.95E+01	2.15	1.00	3.18					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	5.42	1.00	3.18					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	17.66	1.00	3.18					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	17.78	1.00	3.18					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	9.06	1.00	3.18					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	2.37	1.00	3.18					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	3.46	1.00	3.18					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	22.03	1.00	3.18					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	18.24	1.00	3.18					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Ba	CFS-L07-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	13.37	1.00	3.18					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L07-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	67.44	1.90	6.00					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	15.66	1.90	6.00					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	66.64	1.90	6.00	10000	1000	9.39E+02	94%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	67.12	1.90	6.00					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	42.12	1.90	6.00					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	22.65	1.90	6.00					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	13.36	1.90	6.00					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	50.59	1.90	6.00					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	29.87	1.90	6.00					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	26.00	1.90	6.00					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	24.81	1.90	6.00					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	40.94	1.90	6.00	10000	1000	9.42E+02	94%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	5.98	1.90	6.00					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	35.84	1.90	6.00					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	59.12	1.90	6.00					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	81.36	1.90	6.00					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	35.93	1.90	6.00					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	68.81	1.90	6.00					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	26.42	1.90	6.00					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	53.35	1.90	6.00					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	81.34	1.90	6.00	10000	1000	9.63E+02	96%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	28.80	1.90	6.00					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	71.84	1.90	6.00					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	50.16	1.90	6.00					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	46.79	1.90	6.00					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	44.09	1.90	6.00					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	52.33	1.90	6.00					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	59.40	1.90	6.00					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	62.64	1.90	6.00					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	24.39	1.90	6.00					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	30.65	1.90	6.00					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	19.59	1.90	6.00					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	55.74	1.90	6.00					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	13.04	1.90	6.00					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	39.81	1.90	6.00					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Be	CFS-L07-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	7.56	1.90	6.00					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L07-1315-T01-A	1	9.24E+01		9.24E+01	1.01	2.20	7.00					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T02-A	1	3.64E+02		3.64E+02	0.59	2.20	7.00					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T03-A	1	4.41E+02		4.41E+02	0.90	2.20	7.00	10000	1000	1.40E+03	95%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T04-A	1	1.16E+03		1.16E+03	0.37	2.20	7.00					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T05-A	1	1.33E+03		1.33E+03	0.29	2.20	7.00					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T06-A	1	1.96E+03		1.96E+03	1.22	2.20	7.00					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T07-A	1	1.65E+03		1.65E+03	0.68	2.20	7.00					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T08-A	1	9.55E+02		9.55E+02	0.88	2.20	7.00					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T09-A	1	1.43E+03		1.43E+03	0.95	2.20	7.00					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T01-B	1	9.94E+01		9.94E+01	5.79	2.20	7.00					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T02-B	1	4.12E+02		4.12E+02	0.47	2.20	7.00					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T03-B	1	4.23E+02		4.23E+02	1.19	2.20	7.00	10000	1000	1.33E+03	91%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T04-B	1	1.13E+03		1.13E+03	1.85	2.20	7.00					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T05-B	1	1.35E+03		1.35E+03	0.43	2.20	7.00					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T06-B	1	1.92E+03		1.92E+03	0.37	2.20	7.00					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T07-B	1	1.66E+03		1.66E+03	0.90	2.20	7.00					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T08-B	1	9.32E+02		9.32E+02	2.45	2.20	7.00					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T09-B	1	1.42E+03		1.42E+03	2.75	2.20	7.00					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T01-C	1	7.55E+01		7.55E+01	3.70	2.20	7.00					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T02-C	1	3.97E+02		3.97E+02	0.95	2.20	7.00					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T03-C	1	3.83E+02		3.83E+02	1.21	2.20	7.00	10000	1000	1.32E+03	93%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T04-C	1	1.09E+03		1.09E+03	4.12	2.20	7.00					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T05-C	1	1.29E+03		1.29E+03	1.43	2.20	7.00					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T06-C	1	1.87E+03		1.87E+03	1.26	2.20	7.00					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T07-C	1	1.54E+03		1.54E+03	1.87	2.20	7.00					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T08-C	1	8.58E+02		8.58E+02	0.87	2.20	7.00					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-T09-C	1	1.29E+03		1.29E+03	2.05	2.20	7.00					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	6.56	2.20	7.00					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	21.65	2.20	7.00					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	23.13	2.20	7.00					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	16.61	2.20	7.00					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	31.03	2.20	7.00					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	9.40	2.20	7.00					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	7.83	2.20	7.00					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	16.80	2.20	7.00					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Cd	CFS-L07-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	23.56	2.20	7.00					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L07-1315-T01-A	1	1.11E+04		1.11E+04	1.67	2.60	8.30					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T02-A	1	4.34E+04		4.34E+04	0.29	2.60	8.30					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T03-A	1	4.82E+04		4.82E+04	0.90	2.60	8.30	10000	1000	4.91E+04	90%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T04-A	1	1.02E+05		1.02E+05	0.57	2.60	8.30					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T05-A	1	1.13E+05		1.13E+05	0.41	2.60	8.30					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T06-A	1	1.67E+05		1.67E+05	1.14	2.60	8.30					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T07-A	1	1.47E+05		1.47E+05	0.91	2.60	8.30					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T08-A	1	8.64E+04		8.64E+04	0.75	2.60	8.30					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T09-A	1	1.36E+05		1.36E+05	1.03	2.60	8.30					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T01-B	1	1.13E+04		1.13E+04	6.04	2.60	8.30					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T02-B	1	4.47E+04		4.47E+04	0.48	2.60	8.30					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T03-B	1	4.24E+04		4.24E+04	0.97	2.60	8.30	10000	1000	4.32E+04	84%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T04-B	1	9.34E+04		9.34E+04	2.01	2.60	8.30					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T05-B	1	1.08E+05		1.08E+05	0.57	2.60	8.30					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T06-B	1	1.58E+05		1.58E+05	0.83	2.60	8.30					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T07-B	1	1.45E+05		1.45E+05	0.89	2.60	8.30					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T08-B	1	8.46E+04		8.46E+04	2.33	2.60	8.30					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T09-B	1	1.37E+05		1.37E+05	2.77	2.60	8.30					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T01-C	1	1.10E+04		1.10E+04	3.43	2.60	8.30					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T02-C	1	4.41E+04		4.41E+04	0.77	2.60	8.30					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T03-C	1	3.74E+04		3.74E+04	1.42	2.60	8.30	10000	1000	3.83E+04	89%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T04-C	1	9.10E+04		9.10E+04	4.05	2.60	8.30					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T05-C	1	1.06E+05		1.06E+05	1.50	2.60	8.30					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T06-C	1	1.63E+05		1.63E+05	1.34	2.60	8.30					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T07-C	1	1.41E+05		1.41E+05	2.03	2.60	8.30					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T08-C	1	8.18E+04		8.18E+04	0.54	2.60	8.30					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-T09-C	1	1.31E+05		1.31E+05	2.25	2.60	8.30					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-M01-A	1	3.99E+01		3.99E+01	0.71	2.60	8.30					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-M02-A	1	2.07E+01		2.07E+01	1.44	2.60	8.30					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-M03-A	1	2.25E+01		2.25E+01	1.12	2.60	8.30					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-M04-A	1	3.62E+01		3.62E+01	4.10	2.60	8.30					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-M05-A	1	2.94E+01		2.94E+01	3.14	2.60	8.30					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-M06-A	1	1.89E+01		1.89E+01	1.09	2.60	8.30					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-M07-A	1	1.01E+01		1.01E+01	8.78	2.60	8.30					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-M08-A	1	1.54E+01		1.54E+01	4.50	2.60	8.30					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Ca	CFS-L07-1315-M09-A	1	2.12E+01		2.12E+01	2.58	2.60	8.30					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L07-1315-T01-A	1	6.00E-01	U1/2	6.00E-01	21.94	1.20	3.82					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T02-A	1	6.00E-01	U1/2	6.00E-01	34.12	1.20	3.82					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T03-A	1	6.00E-01	U1/2	6.00E-01	80.30	1.20	3.82	10000	1000	9.22E+02	92%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T04-A	1	6.00E-01	U1/2	6.00E-01	56.75	1.20	3.82					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T05-A	1	6.00E-01	U1/2	6.00E-01	37.32	1.20	3.82					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T06-A	1	6.00E-01	U1/2	6.00E-01	79.17	1.20	3.82					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T07-A	1	6.00E-01	U1/2	6.00E-01	64.75	1.20	3.82					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T08-A	1	6.00E-01	U1/2	6.00E-01	85.28	1.20	3.82					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T09-A	1	6.00E-01	U1/2	6.00E-01	37.06	1.20	3.82					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T01-B	1	6.00E-01	U1/2	6.00E-01	11.20	1.20	3.82					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T02-B	1	6.00E-01	U1/2	6.00E-01	41.30	1.20	3.82					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T03-B	1	6.00E-01	U1/2	6.00E-01	65.42	1.20	3.82	10000	1000	9.45E+02	94%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T04-B	1	6.00E-01	U1/2	6.00E-01	47.08	1.20	3.82					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T05-B	1	6.00E-01	U1/2	6.00E-01	50.04	1.20	3.82					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T06-B	1	6.00E-01	U1/2	6.00E-01	56.90	1.20	3.82					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T07-B	1	6.00E-01	U1/2	6.00E-01	46.36	1.20	3.82					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T08-B	1	6.00E-01	U1/2	6.00E-01	75.82	1.20	3.82					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T09-B	1	6.00E-01	U1/2	6.00E-01	39.30	1.20	3.82					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T01-C	1	6.00E-01	U1/2	6.00E-01	19.59	1.20	3.82					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T02-C	1	6.00E-01	U1/2	6.00E-01	57.50	1.20	3.82					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T03-C	1	6.00E-01	U1/2	6.00E-01	13.98	1.20	3.82	10000	1000	9.43E+02	94%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T04-C	1	6.00E-01	U1/2	6.00E-01	26.23	1.20	3.82					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T05-C	1	6.00E-01	U1/2	6.00E-01	73.31	1.20	3.82					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T06-C	1	6.00E-01	U1/2	6.00E-01	83.55	1.20	3.82					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T07-C	1	6.00E-01	U1/2	6.00E-01	80.52	1.20	3.82					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T08-C	1	6.00E-01	U1/2	6.00E-01	26.79	1.20	3.82					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-T09-C	1	6.00E-01	U1/2	6.00E-01	35.48	1.20	3.82					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	50.22	1.20	3.82					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	36.87	1.20	3.82					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	61.75	1.20	3.82					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	20.95	1.20	3.82					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	56.28	1.20	3.82					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	74.97	1.20	3.82					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	27.64	1.20	3.82					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	63.81	1.20	3.82					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Cr	CFS-L07-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	39.64	1.20	3.82					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L07-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	3.48	1.80	5.72					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T02-A	1	7.47E+00		7.47E+00	3.07	1.80	5.72					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T03-A	1	7.56E+00		7.56E+00	3.91	1.80	5.72	10000	1000	9.17E+02	91%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T04-A	1	3.06E+01		3.06E+01	1.14	1.80	5.72					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T05-A	1	3.84E+01		3.84E+01	1.38	1.80	5.72					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T06-A	1	6.31E+01		6.31E+01	0.12	1.80	5.72					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T07-A	1	5.54E+01		5.54E+01	1.56	1.80	5.72					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T08-A	1	2.98E+01		2.98E+01	1.33	1.80	5.72					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T09-A	1	4.80E+01		4.80E+01	0.82	1.80	5.72					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	21.24	1.80	5.72					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T02-B	1	6.66E+00		6.66E+00	11.85	1.80	5.72					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T03-B	1	6.18E+00		6.18E+00	1.59	1.80	5.72	10000	1000	9.39E+02	93%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T04-B	1	3.11E+01		3.11E+01	3.10	1.80	5.72					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T05-B	1	4.07E+01		4.07E+01	1.28	1.80	5.72					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T06-B	1	6.23E+01		6.23E+01	3.00	1.80	5.72					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T07-B	1	5.70E+01		5.70E+01	0.88	1.80	5.72					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T08-B	1	2.83E+01		2.83E+01	3.65	1.80	5.72					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T09-B	1	4.87E+01		4.87E+01	4.24	1.80	5.72					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	26.33	1.80	5.72					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T02-C	1	6.25E+00		6.25E+00	3.90	1.80	5.72					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T03-C	1	6.18E+00		6.18E+00	1.47	1.80	5.72	10000	1000	9.40E+02	93%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T04-C	1	2.85E+01		2.85E+01	3.87	1.80	5.72					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T05-C	1	3.78E+01		3.78E+01	0.36	1.80	5.72					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T06-C	1	5.99E+01		5.99E+01	3.65	1.80	5.72					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T07-C	1	5.18E+01		5.18E+01	4.77	1.80	5.72					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T08-C	1	2.66E+01		2.66E+01	3.82	1.80	5.72					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-T09-C	1	4.44E+01		4.44E+01	3.84	1.80	5.72					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	72.53	1.80	5.72					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	69.06	1.80	5.72					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	14.19	1.80	5.72					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	39.29	1.80	5.72					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	17.64	1.80	5.72					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	81.24	1.80	5.72					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	60.59	1.80	5.72					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	27.52	1.80	5.72					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Co	CFS-L07-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	81.11	1.80	5.72					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L07-1315-T01-A	1	7.47E+01		7.47E+01	1.13	3.70	11.80					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T02-A	1	2.59E+02		2.59E+02	1.37	3.70	11.80					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T03-A	1	2.68E+02		2.68E+02	2.42	3.70	11.80	10000	1000	1.17E+03	90%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T04-A	1	4.61E+02		4.61E+02	0.97	3.70	11.80					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T05-A	1	5.78E+02		5.78E+02	0.96	3.70	11.80					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T06-A	1	8.25E+02		8.25E+02	1.33	3.70	11.80					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T07-A	1	8.23E+02		8.23E+02	0.45	3.70	11.80					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T08-A	1	8.65E+02		8.65E+02	1.16	3.70	11.80					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T09-A	1	9.62E+02		9.62E+02	1.15	3.70	11.80					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T01-B	1	6.58E+01		6.58E+01	7.17	3.70	11.80					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T02-B	1	2.93E+02		2.93E+02	0.53	3.70	11.80					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T03-B	1	2.35E+02		2.35E+02	1.13	3.70	11.80	10000	1000	1.14E+03	90%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T04-B	1	4.50E+02		4.50E+02	1.88	3.70	11.80					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T05-B	1	5.74E+02		5.74E+02	0.55	3.70	11.80					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T06-B	1	7.99E+02		7.99E+02	0.44	3.70	11.80					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T07-B	1	8.08E+02		8.08E+02	1.21	3.70	11.80					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T08-B	1	6.65E+02		6.65E+02	2.42	3.70	11.80					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T09-B	1	8.93E+02		8.93E+02	2.07	3.70	11.80					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T01-C	1	9.57E+01		9.57E+01	3.63	3.70	11.80					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T02-C	1	2.49E+02		2.49E+02	1.57	3.70	11.80					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T03-C	1	2.38E+02		2.38E+02	0.93	3.70	11.80	10000	1000	1.19E+03	95%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T04-C	1	4.53E+02		4.53E+02	4.12	3.70	11.80					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T05-C	1	5.56E+02		5.56E+02	0.41	3.70	11.80					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T06-C	1	8.46E+02		8.46E+02	1.36	3.70	11.80					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T07-C	1	8.03E+02		8.03E+02	1.20	3.70	11.80					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T08-C	1	6.60E+02		6.60E+02	1.43	3.70	11.80					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-T09-C	1	9.08E+02		9.08E+02	2.12	3.70	11.80					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	24.68	3.70	11.80					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	6.24	3.70	11.80					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	8.42	3.70	11.80					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	14.79	3.70	11.80					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	6.03	3.70	11.80					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	3.76	3.70	11.80					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	15.17	3.70	11.80					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	17.91	3.70	11.80					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Cu	CFS-L07-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	10.58	3.70	11.80					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L07-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	1.38	2.00	6.40					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	4.05	2.00	6.40					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	12.57	2.00	6.40	10000	1000	9.31E+02	93%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	3.18	2.00	6.40					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	15.04	2.00	6.40					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	13.64	2.00	6.40					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	10.22	2.00	6.40					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	1.88	2.00	6.40					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	11.23	2.00	6.40					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	10.36	2.00	6.40					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	19.22	2.00	6.40					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	1.43	2.00	6.40	10000	1000	9.54E+02	95%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	15.04	2.00	6.40					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	26.46	2.00	6.40					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	28.25	2.00	6.40					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	11.96	2.00	6.40					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	6.23	2.00	6.40					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	6.91	2.00	6.40					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	2.47	2.00	6.40					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	2.75	2.00	6.40					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	5.10	2.00	6.40	10000	1000	9.54E+02	95%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	2.80	2.00	6.40					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	12.54	2.00	6.40					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	4.78	2.00	6.40					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	9.38	2.00	6.40					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	10.77	2.00	6.40					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	22.71	2.00	6.40					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	25.83	2.00	6.40					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	12.44	2.00	6.40					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	19.11	2.00	6.40					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	1.61	2.00	6.40					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	0.48	2.00	6.40					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	7.55	2.00	6.40					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	15.93	2.00	6.40					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	2.37	2.00	6.40					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Fe	CFS-L07-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	3.56	2.00	6.40					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L07-1315-T01-A	1	1.46E+02		1.46E+02	0.94	6.80	21.60					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T02-A	1	2.31E+02		2.31E+02	0.90	6.80	21.60					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T03-A	1	3.09E+02		3.09E+02	1.73	6.80	21.60	10000	1000	1.36E+03	105%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T04-A	1	5.31E+02		5.31E+02	1.10	6.80	21.60					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T05-A	1	6.19E+02		6.19E+02	0.40	6.80	21.60					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T06-A	1	7.66E+02		7.66E+02	1.30	6.80	21.60					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T07-A	1	6.68E+02		6.68E+02	0.89	6.80	21.60					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T08-A	1	7.19E+02		7.19E+02	1.29	6.80	21.60					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T09-A	1	8.03E+02		8.03E+02	0.44	6.80	21.60					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T01-B	1	1.58E+02		1.58E+02	5.16	6.80	21.60					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T02-B	1	3.26E+02		3.26E+02	0.21	6.80	21.60					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T03-B	1	2.84E+02		2.84E+02	1.87	6.80	21.60	10000	1000	1.26E+03	97%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T04-B	1	4.88E+02		4.88E+02	1.53	6.80	21.60					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T05-B	1	5.95E+02		5.95E+02	0.63	6.80	21.60					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T06-B	1	7.38E+02		7.38E+02	0.96	6.80	21.60					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T07-B	1	6.93E+02		6.93E+02	0.32	6.80	21.60					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T08-B	1	5.68E+02		5.68E+02	2.13	6.80	21.60					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T09-B	1	7.23E+02		7.23E+02	3.65	6.80	21.60					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T01-C	1	1.22E+02		1.22E+02	3.84	6.80	21.60					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T02-C	1	3.02E+02		3.02E+02	2.35	6.80	21.60					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T03-C	1	2.86E+02		2.86E+02	2.19	6.80	21.60	10000	1000	1.28E+03	99%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T04-C	1	5.21E+02		5.21E+02	4.36	6.80	21.60					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T05-C	1	5.62E+02		5.62E+02	1.59	6.80	21.60					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T06-C	1	7.88E+02		7.88E+02	2.54	6.80	21.60					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T07-C	1	6.69E+02		6.69E+02	1.70	6.80	21.60					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T08-C	1	5.44E+02		5.44E+02	0.48	6.80	21.60					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-T09-C	1	7.00E+02		7.00E+02	2.36	6.80	21.60					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	5.13	6.80	21.60					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	17.16	6.80	21.60					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	15.76	6.80	21.60					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	11.50	6.80	21.60					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	4.26	6.80	21.60					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	6.70	6.80	21.60					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	10.10	6.80	21.60					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	14.06	6.80	21.60					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Pb	CFS-L07-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	28.04	6.80	21.60					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L07-1315-T01-A	1	2.62E+00	E	2.62E+00	14.04	1.90	6.00					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T02-A	1	3.72E+00	E	3.72E+00	20.02	1.90	6.00					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T03-A	1	5.33E+00	E	5.33E+00	36.25	1.90	6.00	10000	1000	8.89E+02	88%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T04-A	1	4.94E+00	E	4.94E+00	3.81	1.90	6.00					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T05-A	1	5.02E+00	E	5.02E+00	16.39	1.90	6.00					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T06-A	1	6.25E+00		6.25E+00	14.34	1.90	6.00					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T07-A	1	4.42E+00	E	4.42E+00	27.46	1.90	6.00					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T08-A	1	5.21E+00	E	5.21E+00	5.78	1.90	6.00					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T09-A	1	5.19E+00	E	5.19E+00	11.69	1.90	6.00					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T01-B	1	2.10E+00	E	2.10E+00	4.59	1.90	6.00					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T02-B	1	3.71E+00	E	3.71E+00	5.11	1.90	6.00					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T03-B	1	4.44E+00	E	4.44E+00	22.82	1.90	6.00	10000	1000	8.95E+02	89%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T04-B	1	5.99E+00	E	5.99E+00	22.13	1.90	6.00					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T05-B	1	3.84E+00	E	3.84E+00	18.79	1.90	6.00					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T06-B	1	4.74E+00	E	4.74E+00	40.35	1.90	6.00					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T07-B	1	5.30E+00	E	5.30E+00	31.90	1.90	6.00					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T08-B	1	5.51E+00	E	5.51E+00	10.66	1.90	6.00					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T09-B	1	5.30E+00	E	5.30E+00	33.11	1.90	6.00					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T01-C	1	2.37E+00	E	2.37E+00	19.42	1.90	6.00					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T02-C	1	4.99E+00	E	4.99E+00	22.29	1.90	6.00					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T03-C	1	2.87E+00	E	2.87E+00	27.16	1.90	6.00	10000	1000	8.55E+02	85%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T04-C	1	5.71E+00	E	5.71E+00	12.09	1.90	6.00					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T05-C	1	5.37E+00	E	5.37E+00	31.79	1.90	6.00					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T06-C	1	4.37E+00	E	4.37E+00	29.91	1.90	6.00					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T07-C	1	3.97E+00	E	3.97E+00	3.69	1.90	6.00					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T08-C	1	6.61E+00		6.61E+00	3.21	1.90	6.00					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-T09-C	1	6.00E+00	E	6.00E+00	31.37	1.90	6.00					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	16.49	1.90	6.00					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	3.94	1.90	6.00					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	28.22	1.90	6.00					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	40.79	1.90	6.00					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	59.39	1.90	6.00					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	39.46	1.90	6.00					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	56.81	1.90	6.00					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	5.31	1.90	6.00					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Li	CFS-L07-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	37.85	1.90	6.00					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L07-1315-T01-A	1	3.76E+01		3.76E+01	0.70	2.00	6.40					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T02-A	1	2.34E+02		2.34E+02	0.75	2.00	6.40					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T03-A	1	2.54E+02		2.54E+02	0.55	2.00	6.40	10000	1000	1.17E+03	92%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T04-A	1	8.19E+02		8.19E+02	0.22	2.00	6.40					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T05-A	1	1.00E+03		1.00E+03	0.82	2.00	6.40					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T06-A	1	1.72E+03		1.72E+03	0.11	2.00	6.40					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T07-A	1	1.62E+03		1.62E+03	0.97	2.00	6.40					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T08-A	1	9.04E+02		9.04E+02	1.29	2.00	6.40					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T09-A	1	1.47E+03		1.47E+03	0.42	2.00	6.40					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T01-B	1	3.91E+01		3.91E+01	7.10	2.00	6.40					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T02-B	1	2.35E+02		2.35E+02	1.67	2.00	6.40					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T03-B	1	2.62E+02		2.62E+02	0.49	2.00	6.40	10000	1000	1.20E+03	94%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T04-B	1	8.43E+02		8.43E+02	0.55	2.00	6.40					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T05-B	1	1.08E+03		1.08E+03	0.56	2.00	6.40					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T06-B	1	1.79E+03		1.79E+03	0.53	2.00	6.40					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T07-B	1	1.71E+03		1.71E+03	0.18	2.00	6.40					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T08-B	1	9.28E+02		9.28E+02	1.65	2.00	6.40					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T09-B	1	1.51E+03		1.51E+03	1.54	2.00	6.40					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T01-C	1	3.16E+01		3.16E+01	3.90	2.00	6.40					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T02-C	1	2.22E+02		2.22E+02	1.23	2.00	6.40					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T03-C	1	2.34E+02		2.34E+02	1.00	2.00	6.40	10000	1000	1.15E+03	92%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T04-C	1	7.76E+02		7.76E+02	3.19	2.00	6.40					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T05-C	1	9.94E+02		9.94E+02	2.01	2.00	6.40					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T06-C	1	1.64E+03		1.64E+03	1.36	2.00	6.40					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T07-C	1	1.55E+03		1.55E+03	0.69	2.00	6.40					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T08-C	1	8.44E+02		8.44E+02	0.34	2.00	6.40					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-T09-C	1	1.42E+03		1.42E+03	1.25	2.00	6.40					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	20.41	2.00	6.40					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	11.96	2.00	6.40					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	39.36	2.00	6.40					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	36.33	2.00	6.40					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	5.14	2.00	6.40					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	11.21	2.00	6.40					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	5.14	2.00	6.40					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	4.54	2.00	6.40					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Mn	CFS-L07-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	5.46	2.00	6.40					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L07-1315-T01-A	1	2.37E+03		2.37E+03	0.84	1.00	3.18					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T02-A	1	1.47E+04		1.47E+04	0.14	1.00	3.18					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T03-A	1	1.76E+04		1.76E+04	1.05	1.00	3.18	10000	1000	1.85E+04	92%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T04-A	1	6.17E+04		6.17E+04	0.76	1.00	3.18					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T05-A	1	7.33E+04		7.33E+04	0.39	1.00	3.18					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T06-A	1	1.14E+05		1.14E+05	1.14	1.00	3.18					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T07-A	1	9.59E+04		9.59E+04	0.21	1.00	3.18					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T08-A	1	4.83E+04		4.83E+04	0.39	1.00	3.18					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T09-A	1	7.40E+04		7.40E+04	1.45	1.00	3.18					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T01-B	1	2.52E+03		2.52E+03	5.01	1.00	3.18					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T02-B	1	1.51E+04		1.51E+04	0.49	1.00	3.18					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T03-B	1	1.78E+04		1.78E+04	0.56	1.00	3.18	10000	1000	1.87E+04	91%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T04-B	1	6.15E+04		6.15E+04	1.43	1.00	3.18					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T05-B	1	7.66E+04		7.66E+04	0.81	1.00	3.18					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T06-B	1	1.17E+05		1.17E+05	0.52	1.00	3.18					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T07-B	1	9.95E+04		9.95E+04	0.55	1.00	3.18					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T08-B	1	4.90E+04		4.90E+04	2.36	1.00	3.18					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T09-B	1	7.53E+04		7.53E+04	1.60	1.00	3.18					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T01-C	1	2.23E+03		2.23E+03	3.62	1.00	3.18					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T02-C	1	1.47E+04		1.47E+04	1.06	1.00	3.18					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T03-C	1	1.69E+04		1.69E+04	1.99	1.00	3.18	10000	1000	1.78E+04	88%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T04-C	1	6.01E+04		6.01E+04	2.15	1.00	3.18					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T05-C	1	7.62E+04		7.62E+04	1.75	1.00	3.18					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T06-C	1	1.19E+05		1.19E+05	1.50	1.00	3.18					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T07-C	1	9.92E+04		9.92E+04	0.93	1.00	3.18					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T08-C	1	4.93E+04		4.93E+04	1.07	1.00	3.18					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-T09-C	1	7.75E+04		7.75E+04	2.42	1.00	3.18					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	32.42	1.00	3.18					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	7.34	1.00	3.18					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	24.34	1.00	3.18					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	18.09	1.00	3.18					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	10.79	1.00	3.18					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	21.24	1.00	3.18					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	32.41	1.00	3.18					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	59.12	1.00	3.18					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Mg	CFS-L07-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	25.71	1.00	3.18					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L07-1315-T01-A	1	1.37E+00	E	1.37E+00	30.61	1.20	3.82					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T02-A	1	2.02E+00	E	2.02E+00	35.43	1.20	3.82					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T03-A	1	2.28E+00	E	2.28E+00	21.94	1.20	3.82	10000	1000	9.21E+02	92%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T04-A	1	3.63E+00	E	3.63E+00	37.29	1.20	3.82					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T05-A	1	2.88E+00	E	2.88E+00	23.50	1.20	3.82					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T06-A	1	4.37E+00		4.37E+00	4.46	1.20	3.82					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T07-A	1	2.61E+00	E	2.61E+00	6.90	1.20	3.82					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T08-A	1	1.96E+00	E	1.96E+00	22.60	1.20	3.82					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T09-A	1	3.22E+00	E	3.22E+00	30.26	1.20	3.82					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T01-B	1	3.72E+00	E	3.72E+00	21.58	1.20	3.82					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T02-B	1	3.14E+00	E	3.14E+00	30.07	1.20	3.82					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T03-B	1	2.95E+00	E	2.95E+00	23.69	1.20	3.82	10000	1000	9.38E+02	93%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T04-B	1	3.95E+00		3.95E+00	21.11	1.20	3.82					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T05-B	1	4.55E+00		4.55E+00	5.34	1.20	3.82					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T06-B	1	4.44E+00		4.44E+00	1.99	1.20	3.82					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T07-B	1	5.19E+00		5.19E+00	2.07	1.20	3.82					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T08-B	1	3.49E+00	E	3.49E+00	21.90	1.20	3.82					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T09-B	1	3.47E+00	E	3.47E+00	19.08	1.20	3.82					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T01-C	1	1.90E+00	E	1.90E+00	59.03	1.20	3.82					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T02-C	1	1.72E+00	E	1.72E+00	16.53	1.20	3.82					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T03-C	1	1.83E+00	E	1.83E+00	20.15	1.20	3.82	10000	1000	9.30E+02	93%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T04-C	1	1.72E+00	E	1.72E+00	35.10	1.20	3.82					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T05-C	1	2.44E+00	E	2.44E+00	7.05	1.20	3.82					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T06-C	1	3.67E+00	E	3.67E+00	7.79	1.20	3.82					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T07-C	1	4.00E+00		4.00E+00	2.46	1.20	3.82					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T08-C	1	3.59E+00	E	3.59E+00	15.79	1.20	3.82					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-T09-C	1	2.57E+00	E	2.57E+00	21.68	1.20	3.82					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	4.27	1.20	3.82					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	4.37	1.20	3.82					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	28.46	1.20	3.82					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	22.74	1.20	3.82					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	34.82	1.20	3.82					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	31.38	1.20	3.82					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	4.58	1.20	3.82					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	5.68	1.20	3.82					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Mo	CFS-L07-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	15.13	1.20	3.82					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L07-1315-T01-A	1	9.00E-01	U1/2	9.00E-01	9.17	1.80	5.70					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T02-A	1	1.77E+01		1.77E+01	5.23	1.80	5.70					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T03-A	1	1.65E+01		1.65E+01	5.21	1.80	5.70	10000	1000	9.36E+02	92%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T04-A	1	5.63E+01		5.63E+01	1.27	1.80	5.70					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T05-A	1	7.01E+01		7.01E+01	3.83	1.80	5.70					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T06-A	1	1.07E+02		1.07E+02	1.60	1.80	5.70					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T07-A	1	9.05E+01		9.05E+01	3.95	1.80	5.70					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T08-A	1	4.95E+01		4.95E+01	1.33	1.80	5.70					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T09-A	1	7.37E+01		7.37E+01	3.22	1.80	5.70					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	6.16	1.80	5.70					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T02-B	1	1.52E+01		1.52E+01	3.35	1.80	5.70					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T03-B	1	1.65E+01		1.65E+01	5.50	1.80	5.70	10000	1000	9.64E+02	95%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T04-B	1	5.88E+01		5.88E+01	3.66	1.80	5.70					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T05-B	1	7.28E+01		7.28E+01	1.58	1.80	5.70					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T06-B	1	1.07E+02		1.07E+02	1.94	1.80	5.70					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T07-B	1	9.12E+01		9.12E+01	2.20	1.80	5.70					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T08-B	1	5.16E+01		5.16E+01	2.70	1.80	5.70					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T09-B	1	7.39E+01		7.39E+01	4.43	1.80	5.70					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	7.70	1.80	5.70					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T02-C	1	1.54E+01		1.54E+01	6.27	1.80	5.70					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T03-C	1	1.45E+01		1.45E+01	8.94	1.80	5.70	10000	1000	9.50E+02	94%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T04-C	1	5.37E+01		5.37E+01	6.12	1.80	5.70					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T05-C	1	6.79E+01		6.79E+01	1.82	1.80	5.70					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T06-C	1	1.04E+02		1.04E+02	0.92	1.80	5.70					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T07-C	1	8.49E+01		8.49E+01	2.78	1.80	5.70					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T08-C	1	4.94E+01		4.94E+01	0.26	1.80	5.70					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-T09-C	1	7.04E+01		7.04E+01	3.31	1.80	5.70					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	34.94	1.80	5.70					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	31.88	1.80	5.70					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	5.54	1.80	5.70					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	27.71	1.80	5.70					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	42.37	1.80	5.70					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	33.88	1.80	5.70					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	19.20	1.80	5.70					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	30.77	1.80	5.70					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Ni	CFS-L07-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	38.29	1.80	5.70					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L07-1315-T01-A	1	6.81E+00	E	6.81E+00	27.74	3.70	11.80					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T02-A	1	9.89E+00	E	9.89E+00	23.45	3.70	11.80					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T03-A	1	8.40E+00	E	8.40E+00	17.80	3.70	11.80	10000	1000	9.36E+02	93%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T04-A	1	1.57E+01		1.57E+01	4.67	3.70	11.80					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T05-A	1	1.92E+01		1.92E+01	4.48	3.70	11.80					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T06-A	1	1.22E+01		1.22E+01	8.34	3.70	11.80					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T07-A	1	7.11E+00	E	7.11E+00	6.50	3.70	11.80					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T08-A	1	6.59E+00	E	6.59E+00	28.99	3.70	11.80					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T09-A	1	5.33E+00	E	5.33E+00	19.30	3.70	11.80					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T01-B	1	5.26E+00	E	5.26E+00	14.19	3.70	11.80					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T02-B	1	7.51E+00	E	7.51E+00	37.45	3.70	11.80					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T03-B	1	1.41E+01		1.41E+01	3.14	3.70	11.80	10000	1000	9.41E+02	93%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T04-B	1	1.65E+01		1.65E+01	5.69	3.70	11.80					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T05-B	1	2.05E+01		2.05E+01	9.01	3.70	11.80					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T06-B	1	1.54E+01		1.54E+01	16.98	3.70	11.80					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T07-B	1	8.37E+00	E	8.37E+00	17.26	3.70	11.80					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T08-B	1	4.50E+00	E	4.50E+00	10.72	3.70	11.80					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T09-B	1	5.18E+00	E	5.18E+00	31.70	3.70	11.80					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T01-C	1	4.69E+00	E	4.69E+00	28.99	3.70	11.80					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T02-C	1	1.08E+01	E	1.08E+01	17.48	3.70	11.80					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T03-C	1	1.04E+01	E	1.04E+01	27.75	3.70	11.80	10000	1000	9.30E+02	92%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T04-C	1	1.91E+01		1.91E+01	1.67	3.70	11.80					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T05-C	1	2.24E+01		2.24E+01	11.68	3.70	11.80					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T06-C	1	1.47E+01		1.47E+01	7.79	3.70	11.80					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T07-C	1	9.67E+00	E	9.67E+00	9.12	3.70	11.80					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T08-C	1	5.05E+00	E	5.05E+00	12.92	3.70	11.80					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-T09-C	1	6.20E+00	E	6.20E+00	17.84	3.70	11.80					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	13.23	3.70	11.80					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	42.26	3.70	11.80					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	23.27	3.70	11.80					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	46.73	3.70	11.80					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	28.29	3.70	11.80					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	37.16	3.70	11.80					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	7.51	3.70	11.80					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	11.05	3.70	11.80					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
P	CFS-L07-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	13.79	3.70	11.80					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L07-1315-T01-A	1	3.21E+02		3.21E+02	1.44	1.60	5.09					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T02-A	1	2.43E+03		2.43E+03	0.35	1.60	5.09					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T03-A	1	2.23E+03		2.23E+03	0.95	1.60	5.09	10000	1000	3.12E+03	89%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T04-A	1	7.32E+03		7.32E+03	0.55	1.60	5.09					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T05-A	1	8.08E+03		8.08E+03	0.55	1.60	5.09					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T06-A	1	1.20E+04		1.20E+04	1.43	1.60	5.09					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T07-A	1	9.27E+03		9.27E+03	0.98	1.60	5.09					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T08-A	1	4.38E+03		4.38E+03	0.69	1.60	5.09					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T09-A	1	6.39E+03		6.39E+03	0.97	1.60	5.09					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T01-B	1	3.40E+02		3.40E+02	5.33	1.60	5.09					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T02-B	1	2.31E+03		2.31E+03	0.36	1.60	5.09					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T03-B	1	2.22E+03		2.22E+03	1.27	1.60	5.09	10000	1000	3.10E+03	88%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T04-B	1	7.41E+03		7.41E+03	1.96	1.60	5.09					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T05-B	1	8.33E+03		8.33E+03	0.48	1.60	5.09					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T06-B	1	1.20E+04		1.20E+04	0.58	1.60	5.09					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T07-B	1	9.46E+03		9.46E+03	0.60	1.60	5.09					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T08-B	1	4.44E+03		4.44E+03	2.26	1.60	5.09					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T09-B	1	6.51E+03		6.51E+03	2.77	1.60	5.09					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T01-C	1	3.07E+02		3.07E+02	3.43	1.60	5.09					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T02-C	1	2.23E+03		2.23E+03	0.76	1.60	5.09					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T03-C	1	2.07E+03		2.07E+03	1.46	1.60	5.09	10000	1000	2.92E+03	85%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T04-C	1	7.14E+03		7.14E+03	4.11	1.60	5.09					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T05-C	1	8.12E+03		8.12E+03	1.27	1.60	5.09					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T06-C	1	1.21E+04		1.21E+04	1.27	1.60	5.09					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T07-C	1	9.32E+03		9.32E+03	1.76	1.60	5.09					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T08-C	1	4.41E+03		4.41E+03	0.88	1.60	5.09					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-T09-C	1	6.49E+03		6.49E+03	2.14	1.60	5.09					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-M01-A	1	2.50E+01		2.50E+01	3.56	1.60	5.09					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-M02-A	1	2.90E+01		2.90E+01	8.00	1.60	5.09					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-M03-A	1	2.46E+01		2.46E+01	5.08	1.60	5.09					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-M04-A	1	3.06E+01		3.06E+01	1.47	1.60	5.09					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-M05-A	1	2.80E+01		2.80E+01	0.81	1.60	5.09					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-M06-A	1	2.55E+01		2.55E+01	5.81	1.60	5.09					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-M07-A	1	3.12E+01		3.12E+01	9.70	1.60	5.09					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-M08-A	1	1.61E+01		1.61E+01	8.91	1.60	5.09					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
K	CFS-L07-1315-M09-A	1	1.77E+01		1.77E+01	6.27	1.60	5.09					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L07-1315-T01-A	1	1.53E+01	E	1.53E+01	4.18	15.00	47.70					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T02-A	1	1.76E+01	E	1.76E+01	16.32	15.00	47.70					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T03-A	1	2.65E+01	E	2.65E+01	14.61	15.00	47.70	10000	1000	9.25E+02	90%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T04-A	1	5.49E+01		5.49E+01	9.16	15.00	47.70					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T05-A	1	6.44E+01		6.44E+01	7.42	15.00	47.70					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T06-A	1	8.87E+01		8.87E+01	1.30	15.00	47.70					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T07-A	1	5.83E+01		5.83E+01	3.62	15.00	47.70					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T08-A	1	2.83E+01	E	2.83E+01	9.08	15.00	47.70					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T09-A	1	2.42E+01	E	2.42E+01	7.54	15.00	47.70					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T01-B	1	1.69E+01	E	1.69E+01	8.31	15.00	47.70					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T02-B	1	2.23E+01	E	2.23E+01	11.67	15.00	47.70					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T03-B	1	2.83E+01	E	2.83E+01	6.98	15.00	47.70	10000	1000	9.55E+02	93%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T04-B	1	5.16E+01		5.16E+01	13.20	15.00	47.70					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T05-B	1	6.00E+01		6.00E+01	7.70	15.00	47.70					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T06-B	1	1.03E+02		1.03E+02	6.41	15.00	47.70					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T07-B	1	6.50E+01		6.50E+01	1.66	15.00	47.70					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T08-B	1	2.32E+01	E	2.32E+01	13.33	15.00	47.70					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T09-B	1	2.42E+01	E	2.42E+01	11.64	15.00	47.70					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T01-C	1	1.55E+01	E	1.55E+01	4.12	15.00	47.70					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T02-C	1	2.02E+01	E	2.02E+01	7.23	15.00	47.70					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T03-C	1	2.74E+01	E	2.74E+01	10.55	15.00	47.70	10000	1000	9.46E+02	92%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T04-C	1	5.54E+01		5.54E+01	5.72	15.00	47.70					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T05-C	1	6.26E+01		6.26E+01	9.23	15.00	47.70					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T06-C	1	1.02E+02		1.02E+02	5.33	15.00	47.70					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T07-C	1	6.20E+01		6.20E+01	5.18	15.00	47.70					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T08-C	1	3.44E+01	E	3.44E+01	19.28	15.00	47.70					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-T09-C	1	2.04E+01	E	2.04E+01	8.75	15.00	47.70					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	16.52	15.00	47.70					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	7.49	15.00	47.70					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	12.78	15.00	47.70					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	13.42	15.00	47.70					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	25.63	15.00	47.70					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	3.18	15.00	47.70					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	14.40	15.00	47.70					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	29.25	15.00	47.70					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Se	CFS-L07-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	9.95	15.00	47.70					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L07-1315-T01-A	1	5.34E+01		5.34E+01	2.71	1.10	3.50					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T02-A	1	3.08E+02		3.08E+02	1.65	1.10	3.50					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T03-A	1	3.16E+02		3.16E+02	1.55	1.10	3.50	10000	1000	1.26E+03	94%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T04-A	1	9.16E+02		9.16E+02	0.71	1.10	3.50					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T05-A	1	1.14E+03		1.14E+03	0.87	1.10	3.50					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T06-A	1	1.87E+03		1.87E+03	1.13	1.10	3.50					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T07-A	1	1.68E+03		1.68E+03	1.21	1.10	3.50					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T08-A	1	9.92E+02		9.92E+02	0.80	1.10	3.50					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T09-A	1	1.54E+03		1.54E+03	0.39	1.10	3.50					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T01-B	1	6.47E+01		6.47E+01	6.54	1.10	3.50					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T02-B	1	3.07E+02		3.07E+02	0.89	1.10	3.50					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T03-B	1	3.03E+02		3.03E+02	0.11	1.10	3.50	10000	1000	1.24E+03	94%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T04-B	1	8.88E+02		8.88E+02	2.18	1.10	3.50					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T05-B	1	1.13E+03		1.13E+03	0.62	1.10	3.50					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T06-B	1	1.82E+03		1.82E+03	0.91	1.10	3.50					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T07-B	1	1.68E+03		1.68E+03	1.38	1.10	3.50					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T08-B	1	9.59E+02		9.59E+02	2.13	1.10	3.50					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T09-B	1	1.52E+03		1.52E+03	2.60	1.10	3.50					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T01-C	1	5.10E+01		5.10E+01	4.44	1.10	3.50					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T02-C	1	3.01E+02		3.01E+02	0.64	1.10	3.50					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T03-C	1	2.84E+02		2.84E+02	1.35	1.10	3.50	10000	1000	1.18E+03	90%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T04-C	1	8.84E+02		8.84E+02	4.06	1.10	3.50					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T05-C	1	1.12E+03		1.12E+03	1.86	1.10	3.50					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T06-C	1	1.85E+03		1.85E+03	1.98	1.10	3.50					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T07-C	1	1.62E+03		1.62E+03	2.23	1.10	3.50					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T08-C	1	9.26E+02		9.26E+02	1.12	1.10	3.50					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-T09-C	1	1.45E+03		1.45E+03	2.28	1.10	3.50					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	6.67	1.10	3.50					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	9.75	1.10	3.50					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	13.86	1.10	3.50					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	5.78	1.10	3.50					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	3.79	1.10	3.50					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	11.96	1.10	3.50					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	10.90	1.10	3.50					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	22.20	1.10	3.50					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Si	CFS-L07-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	4.24	1.10	3.50					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L07-1315-T01-A	1	1.40E+03		1.40E+03	0.39	2.50	8.00					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T02-A	1	8.81E+03		8.81E+03	0.80	2.50	8.00					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T03-A	1	8.94E+03		8.94E+03	0.35	2.50	8.00	10000	1000	9.83E+03	89%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T04-A	1	2.84E+04		2.84E+04	0.65	2.50	8.00					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T05-A	1	2.97E+04		2.97E+04	0.28	2.50	8.00					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T06-A	1	3.99E+04		3.99E+04	0.19	2.50	8.00					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T07-A	1	2.86E+04		2.86E+04	0.50	2.50	8.00					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T08-A	1	1.19E+04		1.19E+04	0.11	2.50	8.00					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T09-A	1	1.61E+04		1.61E+04	0.60	2.50	8.00					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T01-B	1	1.49E+03		1.49E+03	0.60	2.50	8.00					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T02-B	1	8.83E+03		8.83E+03	0.52	2.50	8.00					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T03-B	1	9.21E+03		9.21E+03	0.46	2.50	8.00	10000	1000	1.02E+04	95%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T04-B	1	2.93E+04		2.93E+04	0.89	2.50	8.00					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T05-B	1	3.09E+04		3.09E+04	0.07	2.50	8.00					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T06-B	1	4.09E+04		4.09E+04	0.10	2.50	8.00					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T07-B	1	2.96E+04		2.96E+04	0.55	2.50	8.00					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T08-B	1	1.24E+04		1.24E+04	0.94	2.50	8.00					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T09-B	1	1.65E+04		1.65E+04	1.49	2.50	8.00					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T01-C	1	1.39E+03		1.39E+03	0.44	2.50	8.00					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T02-C	1	8.45E+03		8.45E+03	0.60	2.50	8.00					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T03-C	1	8.51E+03		8.51E+03	0.42	2.50	8.00	10000	1000	9.49E+03	98%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T04-C	1	2.82E+04		2.82E+04	0.58	2.50	8.00					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T05-C	1	3.04E+04		3.04E+04	0.55	2.50	8.00					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T06-C	1	4.04E+04		4.04E+04	0.13	2.50	8.00					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T07-C	1	2.87E+04		2.87E+04	0.20	2.50	8.00					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T08-C	1	1.22E+04		1.22E+04	0.79	2.50	8.00					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-T09-C	1	1.67E+04		1.67E+04	0.35	2.50	8.00					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-M01-A	1	4.30E+01		4.30E+01	9.57	2.50	8.00					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-M02-A	1	4.23E+01		4.23E+01	3.98	2.50	8.00					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-M03-A	1	3.99E+01		3.99E+01	1.88	2.50	8.00					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-M04-A	1	3.90E+01		3.90E+01	1.19	2.50	8.00					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-M05-A	1	3.24E+01		3.24E+01	2.89	2.50	8.00					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-M06-A	1	4.55E+01		4.55E+01	2.09	2.50	8.00					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-M07-A	1	3.90E+01		3.90E+01	1.79	2.50	8.00					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-M08-A	1	3.28E+01		3.28E+01	0.33	2.50	8.00					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Na	CFS-L07-1315-M09-A	1	3.60E+01		3.60E+01	1.86	2.50	8.00					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L07-1315-T01-A	1	2.88E+01		2.88E+01	1.74	1.00	3.18					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T02-A	1	1.42E+02		1.42E+02	0.57	1.00	3.18					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T03-A	1	1.55E+02		1.55E+02	0.94	1.00	3.18	10000	1000	1.19E+03	103%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T04-A	1	4.28E+02		4.28E+02	0.81	1.00	3.18					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T05-A	1	5.22E+02		5.22E+02	0.49	1.00	3.18					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T06-A	1	8.50E+02		8.50E+02	1.12	1.00	3.18					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T07-A	1	7.98E+02		7.98E+02	0.69	1.00	3.18					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T08-A	1	4.61E+02		4.61E+02	0.61	1.00	3.18					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T09-A	1	7.24E+02		7.24E+02	1.13	1.00	3.18					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T01-B	1	2.92E+01		2.92E+01	8.73	1.00	3.18					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T02-B	1	1.47E+02		1.47E+02	0.71	1.00	3.18					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T03-B	1	1.49E+02		1.49E+02	0.94	1.00	3.18	10000	1000	1.20E+03	105%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T04-B	1	4.09E+02		4.09E+02	1.80	1.00	3.18					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T05-B	1	5.18E+02		5.18E+02	0.59	1.00	3.18					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T06-B	1	8.32E+02		8.32E+02	0.80	1.00	3.18					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T07-B	1	7.93E+02		7.93E+02	1.49	1.00	3.18					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T08-B	1	4.50E+02		4.50E+02	2.04	1.00	3.18					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T09-B	1	7.30E+02		7.30E+02	3.73	1.00	3.18					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T01-C	1	2.74E+01		2.74E+01	3.96	1.00	3.18					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T02-C	1	1.44E+02		1.44E+02	0.96	1.00	3.18					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T03-C	1	1.35E+02		1.35E+02	1.49	1.00	3.18	10000	1000	1.10E+03	97%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T04-C	1	4.00E+02		4.00E+02	4.60	1.00	3.18					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T05-C	1	5.12E+02		5.12E+02	1.49	1.00	3.18					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T06-C	1	8.60E+02		8.60E+02	1.21	1.00	3.18					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T07-C	1	8.06E+02		8.06E+02	2.38	1.00	3.18					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T08-C	1	4.58E+02		4.58E+02	1.37	1.00	3.18					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-T09-C	1	7.38E+02		7.38E+02	1.68	1.00	3.18					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	60.83	1.00	3.18					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	53.18	1.00	3.18					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	70.10	1.00	3.18					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	59.39	1.00	3.18					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	42.68	1.00	3.18					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	30.74	1.00	3.18					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	7.80	1.00	3.18					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	69.24	1.00	3.18					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Sr	CFS-L07-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	49.67	1.00	3.18					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L07-1315-T01-A	1	1.20E+04		1.20E+04	1.23	6.80	21.60					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T02-A	1	5.18E+04		5.18E+04	0.32	6.80	21.60					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T03-A	1	5.83E+04		5.83E+04	1.05	6.80	21.60	10000	1000	5.92E+04	85%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T04-A	1	1.56E+05		1.56E+05	0.42	6.80	21.60					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T05-A	1	1.80E+05		1.80E+05	0.49	6.80	21.60					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T06-A	1	2.74E+05		2.74E+05	1.58	6.80	21.60					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T07-A	1	2.36E+05		2.36E+05	0.83	6.80	21.60					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T08-A	1	1.27E+05		1.27E+05	0.77	6.80	21.60					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T09-A	1	1.98E+05		1.98E+05	0.95	6.80	21.60					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T01-B	1	1.11E+04		1.11E+04	6.00	6.80	21.60					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T02-B	1	5.23E+04		5.23E+04	0.25	6.80	21.60					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T03-B	1	5.40E+04		5.40E+04	1.54	6.80	21.60	10000	1000	5.49E+04	91%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T04-B	1	1.50E+05		1.50E+05	1.88	6.80	21.60					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T05-B	1	1.79E+05		1.79E+05	0.35	6.80	21.60					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T06-B	1	2.70E+05		2.70E+05	0.73	6.80	21.60					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T07-B	1	2.38E+05		2.38E+05	0.74	6.80	21.60					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T08-B	1	1.27E+05		1.27E+05	2.16	6.80	21.60					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T09-B	1	2.02E+05		2.02E+05	2.88	6.80	21.60					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T01-C	1	1.07E+04		1.07E+04	4.38	6.80	21.60					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T02-C	1	5.18E+04		5.18E+04	0.44	6.80	21.60					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T03-C	1	4.93E+04		4.93E+04	1.31	6.80	21.60	10000	1000	5.02E+04	94%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T04-C	1	1.46E+05		1.46E+05	4.43	6.80	21.60					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T05-C	1	1.78E+05		1.78E+05	1.35	6.80	21.60					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T06-C	1	2.74E+05		2.74E+05	1.48	6.80	21.60					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T07-C	1	2.34E+05		2.34E+05	1.82	6.80	21.60					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T08-C	1	1.24E+05		1.24E+05	1.01	6.80	21.60					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-T09-C	1	1.96E+05		1.96E+05	2.05	6.80	21.60					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-M01-A	1	9.36E+01		9.36E+01	5.24	6.80	21.60					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-M02-A	1	8.44E+01		8.44E+01	2.27	6.80	21.60					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-M03-A	1	8.69E+01		8.69E+01	11.57	6.80	21.60					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-M04-A	1	6.35E+01		6.35E+01	9.55	6.80	21.60					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-M05-A	1	1.22E+02		1.22E+02	9.03	6.80	21.60					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-M06-A	1	1.77E+02		1.77E+02	8.14	6.80	21.60					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-M07-A	1	1.75E+02		1.75E+02	5.04	6.80	21.60					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-M08-A	1	1.37E+02		1.37E+02	1.15	6.80	21.60					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
S	CFS-L07-1315-M09-A	1	1.55E+02		1.55E+02	4.46	6.80	21.60					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L07-1315-T01-A	1	7.98E+00	E	7.98E+00	13.64	4.60	14.60					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T02-A	1	7.03E+01		7.03E+01	0.78	4.60	14.60					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T03-A	1	7.80E+01		7.80E+01	5.34	4.60	14.60	10000	1000	9.52E+02	87%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T04-A	1	2.17E+02		2.17E+02	0.49	4.60	14.60					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T05-A	1	2.48E+02		2.48E+02	1.69	4.60	14.60					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T06-A	1	3.55E+02		3.55E+02	2.17	4.60	14.60					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T07-A	1	2.89E+02		2.89E+02	1.97	4.60	14.60					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T08-A	1	1.61E+02		1.61E+02	0.58	4.60	14.60					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T09-A	1	2.19E+02		2.19E+02	3.22	4.60	14.60					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T01-B	1	7.50E+00	E	7.50E+00	27.51	4.60	14.60					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T02-B	1	6.99E+01		6.99E+01	2.91	4.60	14.60					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T03-B	1	7.47E+01		7.47E+01	6.01	4.60	14.60	10000	1000	9.91E+02	92%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T04-B	1	2.16E+02		2.16E+02	0.80	4.60	14.60					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T05-B	1	2.48E+02		2.48E+02	0.88	4.60	14.60					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T06-B	1	3.53E+02		3.53E+02	2.00	4.60	14.60					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T07-B	1	2.92E+02		2.92E+02	1.78	4.60	14.60					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T08-B	1	1.57E+02		1.57E+02	3.83	4.60	14.60					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T09-B	1	2.24E+02		2.24E+02	4.40	4.60	14.60					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T01-C	1	5.92E+00	E	5.92E+00	6.88	4.60	14.60					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T02-C	1	7.27E+01		7.27E+01	3.26	4.60	14.60					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T03-C	1	6.76E+01		6.76E+01	8.81	4.60	14.60	10000	1000	9.83E+02	92%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T04-C	1	2.09E+02		2.09E+02	3.25	4.60	14.60					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T05-C	1	2.45E+02		2.45E+02	4.49	4.60	14.60					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T06-C	1	3.42E+02		3.42E+02	0.90	4.60	14.60					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T07-C	1	2.87E+02		2.87E+02	2.31	4.60	14.60					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T08-C	1	1.63E+02		1.63E+02	2.73	4.60	14.60					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-T09-C	1	2.28E+02		2.28E+02	1.76	4.60	14.60					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	16.56	4.60	14.60					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	7.52	4.60	14.60					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	28.90	4.60	14.60					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	18.96	4.60	14.60					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	34.62	4.60	14.60					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	35.96	4.60	14.60					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	38.15	4.60	14.60					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	4.60	4.60	14.60					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Tl	CFS-L07-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	9.62	4.60	14.60					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L07-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	2.75	2.00	6.40					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	38.19	2.00	6.40					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	42.98	2.00	6.40	10000	1000	9.18E+02	92%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	18.98	2.00	6.40					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	10.46	2.00	6.40					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	58.34	2.00	6.40					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	30.34	2.00	6.40					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	58.75	2.00	6.40					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	74.09	2.00	6.40					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	7.09	2.00	6.40					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	29.79	2.00	6.40					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	10.92	2.00	6.40	10000	1000	9.46E+02	95%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	41.13	2.00	6.40					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	44.91	2.00	6.40					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	48.65	2.00	6.40					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	63.34	2.00	6.40					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	16.49	2.00	6.40					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	35.52	2.00	6.40					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	17.99	2.00	6.40					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	37.93	2.00	6.40					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	15.57	2.00	6.40	10000	1000	9.29E+02	93%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	11.46	2.00	6.40					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	56.90	2.00	6.40					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	27.50	2.00	6.40					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	28.44	2.00	6.40					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	47.45	2.00	6.40					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	40.98	2.00	6.40					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	22.67	2.00	6.40					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	24.25	2.00	6.40					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	25.26	2.00	6.40					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	18.60	2.00	6.40					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	33.82	2.00	6.40					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	40.44	2.00	6.40					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	16.51	2.00	6.40					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	28.37	2.00	6.40					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Ti	CFS-L07-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	63.80	2.00	6.40					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L07-1315-T01-A	1	1.97E+00	E	1.97E+00	37.09	1.50	4.77					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T02-A	1	2.82E+00	E	2.82E+00	9.31	1.50	4.77					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T03-A	1	2.71E+00	E	2.71E+00	11.71	1.50	4.77	10000	1000	9.67E+02	96%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T04-A	1	5.71E+00		5.71E+00	2.49	1.50	4.77					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T05-A	1	6.87E+00		6.87E+00	7.93	1.50	4.77					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T06-A	1	8.85E+00		8.85E+00	5.16	1.50	4.77					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T07-A	1	9.62E+00		9.62E+00	3.84	1.50	4.77					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T08-A	1	4.72E+00	E	4.72E+00	1.95	1.50	4.77					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T09-A	1	7.94E+00		7.94E+00	8.94	1.50	4.77					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T01-B	1	2.14E+00	E	2.14E+00	15.84	1.50	4.77					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T02-B	1	3.03E+00	E	3.03E+00	16.54	1.50	4.77					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T03-B	1	3.14E+00	E	3.14E+00	17.80	1.50	4.77	10000	1000	9.43E+02	94%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T04-B	1	5.35E+00		5.35E+00	6.23	1.50	4.77					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T05-B	1	5.77E+00		5.77E+00	2.28	1.50	4.77					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T06-B	1	8.68E+00		8.68E+00	5.67	1.50	4.77					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T07-B	1	9.12E+00		9.12E+00	2.67	1.50	4.77					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T08-B	1	4.07E+00	E	4.07E+00	20.74	1.50	4.77					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T09-B	1	8.14E+00		8.14E+00	7.34	1.50	4.77					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T01-C	1	1.57E+00	E	1.57E+00	35.01	1.50	4.77					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T02-C	1	2.74E+00	E	2.74E+00	26.59	1.50	4.77					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T03-C	1	1.96E+00	E	1.96E+00	22.14	1.50	4.77	10000	1000	9.33E+02	93%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T04-C	1	5.25E+00		5.25E+00	18.09	1.50	4.77					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T05-C	1	6.58E+00		6.58E+00	4.12	1.50	4.77					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T06-C	1	9.37E+00		9.37E+00	6.17	1.50	4.77					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T07-C	1	9.15E+00		9.15E+00	3.94	1.50	4.77					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T08-C	1	5.77E+00		5.77E+00	2.11	1.50	4.77					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-T09-C	1	7.77E+00		7.77E+00	7.35	1.50	4.77					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	38.72	1.50	4.77					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	1.99	1.50	4.77					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	6.45	1.50	4.77					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	33.00	1.50	4.77					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	23.98	1.50	4.77					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	20.35	1.50	4.77					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	19.92	1.50	4.77					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	6.55	1.50	4.77					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
V	CFS-L07-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	16.59	1.50	4.77					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L07-1315-T01-A	1	2.37E+02		2.37E+02	0.31	1.00	3.18					VU ICP-OES	9/12/11 4:45 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T02-A	1	2.23E+03		2.23E+03	0.31	1.00	3.18					VU ICP-OES	9/12/11 4:47 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T03-A	1	2.25E+03		2.25E+03	0.55	1.00	3.18	10000	1000	3.19E+03	94%	VU ICP-OES	9/12/11 4:49 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T04-A	1	6.08E+03		6.08E+03	0.84	1.00	3.18					VU ICP-OES	9/12/11 4:50 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T05-A	1	7.07E+03		7.07E+03	0.58	1.00	3.18					VU ICP-OES	9/12/11 4:52 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T06-A	1	1.05E+04		1.05E+04	0.62	1.00	3.18					VU ICP-OES	9/12/11 4:54 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T07-A	1	9.17E+03		9.17E+03	0.54	1.00	3.18					VU ICP-OES	9/12/11 4:55 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T08-A	1	5.45E+03		5.45E+03	1.39	1.00	3.18					VU ICP-OES	9/12/11 4:57 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T09-A	1	8.02E+03		8.02E+03	1.02	1.00	3.18					VU ICP-OES	9/12/11 4:59 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T01-B	1	2.80E+02		2.80E+02	7.11	1.00	3.18					VU ICP-OES	9/12/11 5:05 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T02-B	1	2.08E+03		2.08E+03	1.35	1.00	3.18					VU ICP-OES	9/12/11 5:07 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T03-B	1	2.12E+03		2.12E+03	0.50	1.00	3.18	10000	1000	3.07E+03	95%	VU ICP-OES	9/12/11 5:08 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T04-B	1	5.73E+03		5.73E+03	1.57	1.00	3.18					VU ICP-OES	9/12/11 5:10 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T05-B	1	7.08E+03		7.08E+03	0.52	1.00	3.18					VU ICP-OES	9/12/11 5:12 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T06-B	1	1.04E+04		1.04E+04	1.17	1.00	3.18					VU ICP-OES	9/12/11 5:13 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T07-B	1	9.19E+03		9.19E+03	1.39	1.00	3.18					VU ICP-OES	9/12/11 5:15 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T08-B	1	5.21E+03		5.21E+03	2.11	1.00	3.18					VU ICP-OES	9/12/11 5:17 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T09-B	1	7.93E+03		7.93E+03	2.14	1.00	3.18					VU ICP-OES	9/12/11 5:18 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T01-C	1	3.77E+02		3.77E+02	4.30	1.00	3.18					VU ICP-OES	9/12/11 5:20 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T02-C	1	2.02E+03		2.02E+03	1.16	1.00	3.18					VU ICP-OES	9/12/11 5:22 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T03-C	1	1.96E+03		1.96E+03	0.86	1.00	3.18	10000	1000	2.96E+03	99%	VU ICP-OES	9/12/11 5:23 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T04-C	1	5.63E+03		5.63E+03	2.15	1.00	3.18					VU ICP-OES	9/12/11 5:25 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T05-C	1	6.86E+03		6.86E+03	2.27	1.00	3.18					VU ICP-OES	9/12/11 5:27 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T06-C	1	9.94E+03		9.94E+03	0.76	1.00	3.18					VU ICP-OES	9/12/11 5:28 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T07-C	1	8.47E+03		8.47E+03	1.88	1.00	3.18					VU ICP-OES	9/12/11 5:30 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T08-C	1	4.82E+03		4.82E+03	1.00	1.00	3.18					VU ICP-OES	9/12/11 5:32 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-T09-C	1	7.33E+03		7.33E+03	1.52	1.00	3.18					VU ICP-OES	9/12/11 5:33 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	14.66	1.00	3.18					VU ICP-OES	9/12/11 4:30 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	0.84	1.00	3.18					VU ICP-OES	9/12/11 4:32 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	3.65	1.00	3.18					VU ICP-OES	9/12/11 4:34 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.24	1.00	3.18					VU ICP-OES	9/12/11 4:35 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.93	1.00	3.18					VU ICP-OES	9/12/11 4:37 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	5.39	1.00	3.18					VU ICP-OES	9/12/11 4:39 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	8.52	1.00	3.18					VU ICP-OES	9/12/11 4:40 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.37	1.00	3.18					VU ICP-OES	9/12/11 4:42 PM	EPA Interlab L07 1315 CFS
Zn	CFS-L07-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	4.93	1.00	3.18					VU ICP-OES	9/12/11 4:44 PM	EPA Interlab L07 1315 CFS

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L10-1315-T01-A	1	1.03E+01		1.03E+01	2.07	1.00	3.18					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T02-A	1	2.24E+01		2.24E+01	14.84	1.00	3.18					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T03-A	1	2.18E+01		2.18E+01	6.38	1.00	3.18	10000	1000	9.08E+02	89%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T04-A	1	3.72E+01		3.72E+01	3.12	1.00	3.18					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T05-A	1	4.12E+01		4.12E+01	4.14	1.00	3.18					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T06-A	1	4.32E+01		4.32E+01	3.12	1.00	3.18					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T07-A	1	4.15E+01		4.15E+01	7.53	1.00	3.18					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T08-A	1	3.68E+01		3.68E+01	1.52	1.00	3.18					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T09-A	1	4.93E+01		4.93E+01	5.97	1.00	3.18					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T01-B	1	7.61E+00		7.61E+00	9.46	1.00	3.18					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T02-B	1	2.24E+01		2.24E+01	9.00	1.00	3.18					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T03-B	1	1.91E+01		1.91E+01	11.08	1.00	3.18	10000	1000	9.68E+02	95%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T04-B	1	3.47E+01		3.47E+01	5.63	1.00	3.18					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T05-B	1	3.96E+01		3.96E+01	4.61	1.00	3.18					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T06-B	1	4.82E+01		4.82E+01	2.04	1.00	3.18					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T07-B	1	4.17E+01		4.17E+01	2.07	1.00	3.18					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T08-B	1	3.79E+01		3.79E+01	5.38	1.00	3.18					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T09-B	1	3.56E+01		3.56E+01	7.79	1.00	3.18					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T01-C	1	8.70E+00		8.70E+00	1.39	1.00	3.18					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T02-C	1	2.40E+01		2.40E+01	0.23	1.00	3.18					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T03-C	1	1.89E+01		1.89E+01	5.77	1.00	3.18	10000	1000	9.10E+02	89%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T04-C	1	3.67E+01		3.67E+01	6.97	1.00	3.18					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T05-C	1	3.95E+01		3.95E+01	9.65	1.00	3.18					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T06-C	1	4.47E+01		4.47E+01	3.20	1.00	3.18					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T07-C	1	5.49E+01		5.49E+01	2.92	1.00	3.18					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T08-C	1	3.67E+01		3.67E+01	5.86	1.00	3.18					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-T09-C	1	3.45E+01		3.45E+01	5.27	1.00	3.18					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	7.41	1.00	3.18					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	7.33	1.00	3.18					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	16.92	1.00	3.18					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	21.82	1.00	3.18					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	4.77	1.00	3.18					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	10.53	1.00	3.18					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-M07-A	1	1.39E+00	E	1.39E+00	4.23	1.00	3.18					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-M08-A	1	1.30E+00	E	1.30E+00	5.16	1.00	3.18					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Al	CFS-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	15.04	1.00	3.18					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L10-1315-T01-A	1	1.10E+01	E	1.10E+01	30.05	7.50	23.90					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T02-A	1	9.33E+00	E	9.33E+00	23.18	7.50	23.90					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T03-A	1	1.04E+01	E	1.04E+01	14.14	7.50	23.90	10000	1000	8.76E+02	87%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T04-A	1	1.20E+01	E	1.20E+01	6.13	7.50	23.90					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T05-A	1	1.15E+01	E	1.15E+01	1.48	7.50	23.90					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T06-A	1	1.18E+01	E	1.18E+01	4.73	7.50	23.90					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T07-A	1	9.85E+00	E	9.85E+00	12.05	7.50	23.90					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T08-A	1	1.90E+01	E	1.90E+01	15.97	7.50	23.90					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T09-A	1	1.27E+01	E	1.27E+01	17.74	7.50	23.90					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T01-B	1	9.68E+00	E	9.68E+00	7.60	7.50	23.90					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T02-B	1	8.50E+00	E	8.50E+00	28.47	7.50	23.90					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T03-B	1	9.34E+00	E	9.34E+00	12.83	7.50	23.90	10000	1000	9.49E+02	94%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T04-B	1	8.99E+00	E	8.99E+00	16.62	7.50	23.90					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T05-B	1	1.29E+01	E	1.29E+01	14.87	7.50	23.90					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T06-B	1	1.25E+01	E	1.25E+01	9.25	7.50	23.90					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T07-B	1	1.11E+01	E	1.11E+01	7.74	7.50	23.90					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T08-B	1	1.52E+01	E	1.52E+01	3.74	7.50	23.90					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T09-B	1	9.63E+00	E	9.63E+00	12.66	7.50	23.90					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T01-C	1	1.16E+01	E	1.16E+01	9.42	7.50	23.90					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T02-C	1	8.12E+00	E	8.12E+00	21.24	7.50	23.90					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T03-C	1	9.53E+00	E	9.53E+00	19.21	7.50	23.90	10000	1000	8.92E+02	88%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T04-C	1	8.62E+00	E	8.62E+00	20.76	7.50	23.90					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T05-C	1	1.25E+01	E	1.25E+01	8.20	7.50	23.90					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T06-C	1	1.50E+01	E	1.50E+01	4.54	7.50	23.90					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T07-C	1	1.32E+01	E	1.32E+01	5.71	7.50	23.90					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T08-C	1	1.44E+01	E	1.44E+01	17.17	7.50	23.90					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-T09-C	1	1.31E+01	E	1.31E+01	12.57	7.50	23.90					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	22.50	7.50	23.90					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	36.32	7.50	23.90					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	35.48	7.50	23.90					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	35.33	7.50	23.90					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	13.19	7.50	23.90					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	5.53	7.50	23.90					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	8.43	7.50	23.90					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	12.37	7.50	23.90					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Sb	CFS-L10-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	26.39	7.50	23.90					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L10-1315-T01-A	1	5.50E+00	U1/2	5.50E+00	45.24	11.00	35.00					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T02-A	1	5.50E+00	U1/2	5.50E+00	50.48	11.00	35.00					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T03-A	1	1.14E+01	E	1.14E+01	13.65	11.00	35.00	10000	1000	8.96E+02	88%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T04-A	1	1.40E+01	E	1.40E+01	3.38	11.00	35.00					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T05-A	1	1.78E+01	E	1.78E+01	22.46	11.00	35.00					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T06-A	1	1.27E+01	E	1.27E+01	11.74	11.00	35.00					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T07-A	1	1.14E+01	E	1.14E+01	3.87	11.00	35.00					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T08-A	1	5.50E+00	U1/2	5.50E+00	17.78	11.00	35.00					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T09-A	1	5.50E+00	U1/2	5.50E+00	8.72	11.00	35.00					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T01-B	1	5.50E+00	U1/2	5.50E+00	3.17	11.00	35.00					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T02-B	1	5.50E+00	U1/2	5.50E+00	39.72	11.00	35.00					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T03-B	1	1.36E+01	E	1.36E+01	10.69	11.00	35.00	10000	1000	9.69E+02	96%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T04-B	1	1.18E+01	E	1.18E+01	2.59	11.00	35.00					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T05-B	1	2.15E+01	E	2.15E+01	8.30	11.00	35.00					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T06-B	1	1.34E+01	E	1.34E+01	15.13	11.00	35.00					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T07-B	1	1.14E+01	E	1.14E+01	9.96	11.00	35.00					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T08-B	1	5.50E+00	U1/2	5.50E+00	23.31	11.00	35.00					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T09-B	1	5.50E+00	U1/2	5.50E+00	42.87	11.00	35.00					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T01-C	1	5.50E+00	U1/2	5.50E+00	35.02	11.00	35.00					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T02-C	1	5.50E+00	U1/2	5.50E+00	34.69	11.00	35.00					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T03-C	1	1.46E+01	E	1.46E+01	10.12	11.00	35.00	10000	1000	9.27E+02	91%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T04-C	1	1.85E+01	E	1.85E+01	12.82	11.00	35.00					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T05-C	1	1.94E+01	E	1.94E+01	6.17	11.00	35.00					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T06-C	1	1.51E+01	E	1.51E+01	25.57	11.00	35.00					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T07-C	1	1.15E+01	E	1.15E+01	7.60	11.00	35.00					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T08-C	1	5.50E+00	U1/2	5.50E+00	11.26	11.00	35.00					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-T09-C	1	5.50E+00	U1/2	5.50E+00	37.06	11.00	35.00					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	22.71	11.00	35.00					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	25.32	11.00	35.00					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	38.81	11.00	35.00					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	38.15	11.00	35.00					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	20.17	11.00	35.00					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	67.08	11.00	35.00					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	38.79	11.00	35.00					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	27.88	11.00	35.00					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
As	CFS-L10-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	13.01	11.00	35.00					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L10-1315-T01-A	1	7.72E+00		7.72E+00	3.14	1.00	3.18					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T02-A	1	2.49E+01		2.49E+01	4.07	1.00	3.18					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T03-A	1	2.48E+01		2.48E+01	4.61	1.00	3.18	10000	1000	8.78E+02	85%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T04-A	1	8.53E+01		8.53E+01	4.84	1.00	3.18					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T05-A	1	1.05E+02		1.05E+02	1.66	1.00	3.18					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T06-A	1	1.76E+02		1.76E+02	1.34	1.00	3.18					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T07-A	1	1.19E+02		1.19E+02	2.17	1.00	3.18					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T08-A	1	9.84E+01		9.84E+01	0.92	1.00	3.18					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T09-A	1	8.26E+01		8.26E+01	1.12	1.00	3.18					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T01-B	1	1.94E+01		1.94E+01	4.67	1.00	3.18					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T02-B	1	3.47E+01		3.47E+01	5.24	1.00	3.18					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T03-B	1	2.89E+01		2.89E+01	4.71	1.00	3.18	10000	1000	1.04E+03	101%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T04-B	1	9.56E+01		9.56E+01	2.63	1.00	3.18					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T05-B	1	1.13E+02		1.13E+02	2.70	1.00	3.18					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T06-B	1	1.83E+02		1.83E+02	0.61	1.00	3.18					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T07-B	1	1.28E+02		1.28E+02	1.87	1.00	3.18					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T08-B	1	1.04E+02		1.04E+02	1.78	1.00	3.18					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T09-B	1	9.01E+01		9.01E+01	2.49	1.00	3.18					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T01-C	1	8.37E+00		8.37E+00	8.22	1.00	3.18					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T02-C	1	2.97E+01		2.97E+01	0.80	1.00	3.18					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T03-C	1	2.85E+01		2.85E+01	4.49	1.00	3.18	10000	1000	9.96E+02	97%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T04-C	1	9.35E+01		9.35E+01	4.92	1.00	3.18					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T05-C	1	1.17E+02		1.17E+02	0.83	1.00	3.18					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T06-C	1	1.92E+02		1.92E+02	2.19	1.00	3.18					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T07-C	1	1.38E+02		1.38E+02	2.16	1.00	3.18					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T08-C	1	1.10E+02		1.10E+02	1.08	1.00	3.18					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-T09-C	1	9.14E+01		9.14E+01	0.11	1.00	3.18					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	11.99	1.00	3.18					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	9.06	1.00	3.18					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	13.20	1.00	3.18					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	9.02	1.00	3.18					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	4.44	1.00	3.18					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	7.24	1.00	3.18					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	9.36	1.00	3.18					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.74	1.00	3.18					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
B	CFS-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	14.36	1.00	3.18					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L10-1315-T01-A	1	2.64E+01		2.64E+01	1.58	1.00	3.18					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T02-A	1	2.39E+01		2.39E+01	0.71	1.00	3.18					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T03-A	1	2.59E+01		2.59E+01	2.93	1.00	3.18	10000	1000	8.93E+02	87%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T04-A	1	2.91E+01		2.91E+01	3.50	1.00	3.18					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T05-A	1	3.35E+01		3.35E+01	0.52	1.00	3.18					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T06-A	1	3.51E+01		3.51E+01	1.70	1.00	3.18					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T07-A	1	3.31E+01		3.31E+01	2.59	1.00	3.18					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T08-A	1	2.74E+01		2.74E+01	0.43	1.00	3.18					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T09-A	1	2.91E+01		2.91E+01	1.76	1.00	3.18					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T01-B	1	2.37E+01		2.37E+01	1.11	1.00	3.18					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T02-B	1	2.21E+01		2.21E+01	5.40	1.00	3.18					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T03-B	1	2.56E+01		2.56E+01	1.50	1.00	3.18	10000	1000	9.34E+02	91%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T04-B	1	3.18E+01		3.18E+01	2.22	1.00	3.18					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T05-B	1	3.35E+01		3.35E+01	1.69	1.00	3.18					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T06-B	1	3.66E+01		3.66E+01	2.17	1.00	3.18					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T07-B	1	3.27E+01		3.27E+01	1.92	1.00	3.18					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T08-B	1	2.81E+01		2.81E+01	2.38	1.00	3.18					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T09-B	1	3.09E+01		3.09E+01	3.09	1.00	3.18					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T01-C	1	2.43E+01		2.43E+01	2.87	1.00	3.18					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T02-C	1	2.13E+01		2.13E+01	3.13	1.00	3.18					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T03-C	1	2.68E+01		2.68E+01	1.64	1.00	3.18	10000	1000	8.86E+02	86%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T04-C	1	2.98E+01		2.98E+01	1.08	1.00	3.18					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T05-C	1	3.03E+01		3.03E+01	0.56	1.00	3.18					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T06-C	1	3.63E+01		3.63E+01	1.58	1.00	3.18					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T07-C	1	3.31E+01		3.31E+01	2.21	1.00	3.18					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T08-C	1	2.66E+01		2.66E+01	1.14	1.00	3.18					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-T09-C	1	3.19E+01		3.19E+01	1.19	1.00	3.18					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	21.56	1.00	3.18					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	37.80	1.00	3.18					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	33.52	1.00	3.18					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	11.12	1.00	3.18					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	6.54	1.00	3.18					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	13.91	1.00	3.18					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	22.58	1.00	3.18					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	2.51	1.00	3.18					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Ba	CFS-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	4.32	1.00	3.18					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L10-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	37.10	1.90	6.00					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	63.13	1.90	6.00					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	37.28	1.90	6.00	10000	1000	8.99E+02	90%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	45.21	1.90	6.00					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	29.16	1.90	6.00					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	7.44	1.90	6.00					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	12.75	1.90	6.00					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	17.15	1.90	6.00					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	8.63	1.90	6.00					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	32.43	1.90	6.00					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	23.10	1.90	6.00					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	24.36	1.90	6.00	10000	1000	9.44E+02	94%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	47.20	1.90	6.00					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	11.23	1.90	6.00					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	10.65	1.90	6.00					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	65.31	1.90	6.00					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	36.65	1.90	6.00					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	54.35	1.90	6.00					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	25.91	1.90	6.00					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	51.78	1.90	6.00					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	57.84	1.90	6.00	10000	1000	8.89E+02	89%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	69.47	1.90	6.00					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	10.08	1.90	6.00					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	38.96	1.90	6.00					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	36.95	1.90	6.00					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	50.01	1.90	6.00					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	19.72	1.90	6.00					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	48.00	1.90	6.00					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	12.53	1.90	6.00					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	12.32	1.90	6.00					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	55.14	1.90	6.00					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	55.03	1.90	6.00					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	38.31	1.90	6.00					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	31.07	1.90	6.00					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	60.53	1.90	6.00					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Be	CFS-L10-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	29.57	1.90	6.00					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L10-1315-T01-A	1	7.86E+01		7.86E+01	0.97	2.20	7.00					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T02-A	1	3.65E+02		3.65E+02	0.78	2.20	7.00					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T03-A	1	3.37E+02		3.37E+02	1.62	2.20	7.00	10000	1000	1.24E+03	90%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T04-A	1	1.10E+03		1.10E+03	1.90	2.20	7.00					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T05-A	1	1.31E+03		1.31E+03	0.87	2.20	7.00					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T06-A	1	1.91E+03		1.91E+03	1.48	2.20	7.00					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T07-A	1	1.49E+03		1.49E+03	1.75	2.20	7.00					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T08-A	1	1.08E+03		1.08E+03	0.66	2.20	7.00					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T09-A	1	9.51E+02		9.51E+02	0.33	2.20	7.00					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T01-B	1	6.84E+01		6.84E+01	2.34	2.20	7.00					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T02-B	1	3.26E+02		3.26E+02	5.76	2.20	7.00					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T03-B	1	3.07E+02		3.07E+02	0.80	2.20	7.00	10000	1000	1.21E+03	90%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T04-B	1	1.06E+03		1.06E+03	1.91	2.20	7.00					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T05-B	1	1.23E+03		1.23E+03	2.01	2.20	7.00					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T06-B	1	1.90E+03		1.90E+03	1.10	2.20	7.00					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T07-B	1	1.53E+03		1.53E+03	1.07	2.20	7.00					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T08-B	1	1.13E+03		1.13E+03	2.36	2.20	7.00					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T09-B	1	1.01E+03		1.01E+03	2.71	2.20	7.00					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T01-C	1	6.40E+01		6.40E+01	1.81	2.20	7.00					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T02-C	1	3.57E+02		3.57E+02	1.79	2.20	7.00					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T03-C	1	3.52E+02		3.52E+02	0.24	2.20	7.00	10000	1000	1.27E+03	92%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T04-C	1	1.12E+03		1.12E+03	2.19	2.20	7.00					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T05-C	1	1.32E+03		1.32E+03	1.43	2.20	7.00					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T06-C	1	2.03E+03		2.03E+03	1.52	2.20	7.00					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T07-C	1	1.64E+03		1.64E+03	2.20	2.20	7.00					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T08-C	1	1.13E+03		1.13E+03	1.19	2.20	7.00					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-T09-C	1	1.01E+03		1.01E+03	1.43	2.20	7.00					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	10.39	2.20	7.00					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	7.17	2.20	7.00					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	7.35	2.20	7.00					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	10.37	2.20	7.00					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	17.14	2.20	7.00					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	15.76	2.20	7.00					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	6.05	2.20	7.00					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	2.28	2.20	7.00					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Cd	CFS-L10-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	26.52	2.20	7.00					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L10-1315-T01-A	1	1.59E+04		1.59E+04	0.43	2.60	8.30					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T02-A	1	5.57E+04		5.57E+04	0.76	2.60	8.30					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T03-A	1	4.61E+04		4.61E+04	2.06	2.60	8.30	10000	1000	4.69E+04	85%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T04-A	1	1.15E+05		1.15E+05	2.16	2.60	8.30					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T05-A	1	1.24E+05		1.24E+05	0.90	2.60	8.30					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T06-A	1	1.69E+05		1.69E+05	1.09	2.60	8.30					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T07-A	1	1.38E+05		1.38E+05	1.72	2.60	8.30					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T08-A	1	9.93E+04		9.93E+04	0.32	2.60	8.30					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T09-A	1	8.82E+04		8.82E+04	0.20	2.60	8.30					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T01-B	1	1.36E+04		1.36E+04	1.71	2.60	8.30					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T02-B	1	4.56E+04		4.56E+04	5.70	2.60	8.30					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T03-B	1	3.85E+04		3.85E+04	0.61	2.60	8.30	10000	1000	3.94E+04	87%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T04-B	1	1.07E+05		1.07E+05	1.89	2.60	8.30					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T05-B	1	1.16E+05		1.16E+05	1.41	2.60	8.30					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T06-B	1	1.67E+05		1.67E+05	1.46	2.60	8.30					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T07-B	1	1.38E+05		1.38E+05	0.89	2.60	8.30					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T08-B	1	1.03E+05		1.03E+05	2.41	2.60	8.30					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T09-B	1	9.51E+04		9.51E+04	2.63	2.60	8.30					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T01-C	1	1.21E+04		1.21E+04	1.47	2.60	8.30					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T02-C	1	4.92E+04		4.92E+04	2.04	2.60	8.30					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T03-C	1	4.37E+04		4.37E+04	0.25	2.60	8.30	10000	1000	4.45E+04	85%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T04-C	1	1.10E+05		1.10E+05	2.47	2.60	8.30					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T05-C	1	1.20E+05		1.20E+05	1.65	2.60	8.30					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T06-C	1	1.74E+05		1.74E+05	1.32	2.60	8.30					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T07-C	1	1.47E+05		1.47E+05	2.05	2.60	8.30					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T08-C	1	1.00E+05		1.00E+05	0.95	2.60	8.30					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-T09-C	1	9.16E+04		9.16E+04	1.40	2.60	8.30					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-M01-A	1	4.11E+01		4.11E+01	6.73	2.60	8.30					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-M02-A	1	3.44E+01		3.44E+01	2.15	2.60	8.30					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-M03-A	1	1.55E+01		1.55E+01	21.36	2.60	8.30					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-M04-A	1	2.23E+01		2.23E+01	2.61	2.60	8.30					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-M05-A	1	1.01E+01		1.01E+01	26.65	2.60	8.30					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-M06-A	1	1.90E+01		1.90E+01	1.26	2.60	8.30					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-M07-A	1	1.21E+01		1.21E+01	4.48	2.60	8.30					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-M08-A	1	9.26E+00		9.26E+00	2.23	2.60	8.30					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Ca	CFS-L10-1315-M09-A	1	9.88E+00		9.88E+00	10.65	2.60	8.30					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L10-1315-T01-A	1	6.00E-01	U1/2	6.00E-01	58.24	1.20	3.82					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T02-A	1	6.00E-01	U1/2	6.00E-01	33.30	1.20	3.82					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T03-A	1	6.00E-01	U1/2	6.00E-01	5.29	1.20	3.82	10000	1000	8.74E+02	87%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T04-A	1	6.00E-01	U1/2	6.00E-01	14.68	1.20	3.82					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T05-A	1	6.00E-01	U1/2	6.00E-01	26.01	1.20	3.82					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T06-A	1	6.00E-01	U1/2	6.00E-01	34.87	1.20	3.82					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T07-A	1	6.00E-01	U1/2	6.00E-01	10.16	1.20	3.82					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T08-A	1	6.00E-01	U1/2	6.00E-01	9.79	1.20	3.82					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T09-A	1	6.00E-01	U1/2	6.00E-01	39.94	1.20	3.82					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T01-B	1	6.00E-01	U1/2	6.00E-01	41.68	1.20	3.82					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T02-B	1	6.00E-01	U1/2	6.00E-01	19.37	1.20	3.82					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T03-B	1	6.00E-01	U1/2	6.00E-01	39.65	1.20	3.82	10000	1000	9.25E+02	92%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T04-B	1	6.00E-01	U1/2	6.00E-01	27.05	1.20	3.82					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T05-B	1	6.00E-01	U1/2	6.00E-01	45.60	1.20	3.82					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T06-B	1	6.00E-01	U1/2	6.00E-01	16.85	1.20	3.82					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T07-B	1	6.00E-01	U1/2	6.00E-01	58.23	1.20	3.82					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T08-B	1	6.00E-01	U1/2	6.00E-01	23.36	1.20	3.82					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T09-B	1	6.00E-01	U1/2	6.00E-01	14.58	1.20	3.82					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T01-C	1	6.00E-01	U1/2	6.00E-01	35.99	1.20	3.82					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T02-C	1	6.00E-01	U1/2	6.00E-01	54.79	1.20	3.82					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T03-C	1	6.00E-01	U1/2	6.00E-01	75.66	1.20	3.82	10000	1000	8.59E+02	86%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T04-C	1	6.00E-01	U1/2	6.00E-01	11.84	1.20	3.82					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T05-C	1	6.00E-01	U1/2	6.00E-01	7.94	1.20	3.82					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T06-C	1	6.00E-01	U1/2	6.00E-01	21.03	1.20	3.82					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T07-C	1	6.00E-01	U1/2	6.00E-01	9.99	1.20	3.82					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T08-C	1	6.00E-01	U1/2	6.00E-01	43.75	1.20	3.82					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-T09-C	1	6.00E-01	U1/2	6.00E-01	41.31	1.20	3.82					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	14.71	1.20	3.82					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	63.18	1.20	3.82					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	34.46	1.20	3.82					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	16.61	1.20	3.82					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	11.44	1.20	3.82					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	16.38	1.20	3.82					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	64.75	1.20	3.82					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	70.14	1.20	3.82					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Cr	CFS-L10-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	22.54	1.20	3.82					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L10-1315-T01-A	1	1.80E+00	E	1.80E+00	7.18	1.80	5.72					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T02-A	1	7.45E+00		7.45E+00	2.73	1.80	5.72					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T03-A	1	8.36E+00		8.36E+00	1.34	1.80	5.72	10000	1000	8.81E+02	87%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T04-A	1	2.73E+01		2.73E+01	3.70	1.80	5.72					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T05-A	1	3.47E+01		3.47E+01	4.35	1.80	5.72					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T06-A	1	5.32E+01		5.32E+01	2.65	1.80	5.72					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T07-A	1	4.41E+01		4.41E+01	1.29	1.80	5.72					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T08-A	1	3.02E+01		3.02E+01	1.31	1.80	5.72					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T09-A	1	2.69E+01		2.69E+01	6.20	1.80	5.72					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T01-B	1	9.00E-01	U1/2	9.00E-01	35.76	1.80	5.72					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T02-B	1	7.96E+00		7.96E+00	14.14	1.80	5.72					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T03-B	1	6.37E+00		6.37E+00	1.16	1.80	5.72	10000	1000	9.41E+02	93%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T04-B	1	2.66E+01		2.66E+01	5.19	1.80	5.72					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T05-B	1	3.33E+01		3.33E+01	4.04	1.80	5.72					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T06-B	1	5.36E+01		5.36E+01	1.58	1.80	5.72					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T07-B	1	4.60E+01		4.60E+01	1.08	1.80	5.72					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T08-B	1	3.16E+01		3.16E+01	3.93	1.80	5.72					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T09-B	1	2.98E+01		2.98E+01	2.91	1.80	5.72					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T01-C	1	9.00E-01	U1/2	9.00E-01	13.26	1.80	5.72					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T02-C	1	9.06E+00		9.06E+00	1.33	1.80	5.72					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T03-C	1	7.87E+00		7.87E+00	9.57	1.80	5.72	10000	1000	8.85E+02	88%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T04-C	1	2.87E+01		2.87E+01	5.82	1.80	5.72					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T05-C	1	3.58E+01		3.58E+01	2.37	1.80	5.72					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T06-C	1	5.85E+01		5.85E+01	4.10	1.80	5.72					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T07-C	1	4.86E+01		4.86E+01	3.70	1.80	5.72					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T08-C	1	3.26E+01		3.26E+01	4.64	1.80	5.72					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-T09-C	1	2.93E+01		2.93E+01	2.66	1.80	5.72					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	23.10	1.80	5.72					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	44.52	1.80	5.72					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	48.57	1.80	5.72					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	14.29	1.80	5.72					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	23.53	1.80	5.72					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	27.66	1.80	5.72					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	37.28	1.80	5.72					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	4.45	1.80	5.72					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Co	CFS-L10-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	35.03	1.80	5.72					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L10-1315-T01-A	1	8.27E+01		8.27E+01	2.31	3.70	11.80					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T02-A	1	1.72E+02		1.72E+02	3.04	3.70	11.80					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T03-A	1	1.54E+02		1.54E+02	2.22	3.70	11.80	10000	1000	1.09E+03	93%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T04-A	1	3.41E+02		3.41E+02	2.44	3.70	11.80					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T05-A	1	4.35E+02		4.35E+02	0.56	3.70	11.80					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T06-A	1	6.68E+02		6.68E+02	1.06	3.70	11.80					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T07-A	1	6.61E+02		6.61E+02	1.96	3.70	11.80					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T08-A	1	5.83E+02		5.83E+02	0.73	3.70	11.80					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T09-A	1	6.83E+02		6.83E+02	1.29	3.70	11.80					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T01-B	1	7.29E+01		7.29E+01	2.14	3.70	11.80					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T02-B	1	1.76E+02		1.76E+02	4.19	3.70	11.80					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T03-B	1	1.44E+02		1.44E+02	2.03	3.70	11.80	10000	1000	1.12E+03	97%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T04-B	1	3.13E+02		3.13E+02	1.29	3.70	11.80					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T05-B	1	4.02E+02		4.02E+02	1.93	3.70	11.80					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T06-B	1	6.28E+02		6.28E+02	1.68	3.70	11.80					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T07-B	1	6.39E+02		6.39E+02	1.03	3.70	11.80					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T08-B	1	6.33E+02		6.33E+02	2.07	3.70	11.80					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T09-B	1	5.87E+02		5.87E+02	1.98	3.70	11.80					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T01-C	1	6.97E+01		6.97E+01	1.84	3.70	11.80					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T02-C	1	1.41E+02		1.41E+02	2.16	3.70	11.80					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T03-C	1	1.35E+02		1.35E+02	1.13	3.70	11.80	10000	1000	1.08E+03	95%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T04-C	1	3.10E+02		3.10E+02	2.77	3.70	11.80					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T05-C	1	3.97E+02		3.97E+02	1.49	3.70	11.80					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T06-C	1	7.12E+02		7.12E+02	1.35	3.70	11.80					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T07-C	1	7.21E+02		7.21E+02	2.68	3.70	11.80					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T08-C	1	6.06E+02		6.06E+02	0.66	3.70	11.80					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-T09-C	1	6.75E+02		6.75E+02	0.40	3.70	11.80					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	68.31	3.70	11.80					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	35.47	3.70	11.80					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	60.43	3.70	11.80					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	55.70	3.70	11.80					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	56.39	3.70	11.80					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	24.43	3.70	11.80					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	72.73	3.70	11.80					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	34.24	3.70	11.80					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Cu	CFS-L10-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	75.10	3.70	11.80					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L10-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	12.68	2.00	6.40					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	19.30	2.00	6.40					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	28.57	2.00	6.40	10000	1000	9.26E+02	93%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	30.13	2.00	6.40					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	39.61	2.00	6.40					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	24.33	2.00	6.40					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	22.66	2.00	6.40					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	1.34	2.00	6.40					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	26.11	2.00	6.40					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	6.39	2.00	6.40					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	5.08	2.00	6.40					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	11.67	2.00	6.40	10000	1000	9.82E+02	98%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	12.91	2.00	6.40					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	0.94	2.00	6.40					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	17.35	2.00	6.40					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	27.16	2.00	6.40					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	3.49	2.00	6.40					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	38.88	2.00	6.40					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	22.27	2.00	6.40					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	28.50	2.00	6.40					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	39.36	2.00	6.40	10000	1000	9.05E+02	90%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	8.86	2.00	6.40					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	16.95	2.00	6.40					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	3.19	2.00	6.40					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	17.89	2.00	6.40					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	16.09	2.00	6.40					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	5.52	2.00	6.40					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	35.60	2.00	6.40					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	15.13	2.00	6.40					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	14.58	2.00	6.40					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	13.79	2.00	6.40					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	26.79	2.00	6.40					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	27.82	2.00	6.40					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	3.53	2.00	6.40					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	7.86	2.00	6.40					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Fe	CFS-L10-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	2.80	2.00	6.40					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L10-1315-T01-A	1	6.35E+01		6.35E+01	4.91	6.80	21.60					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T02-A	1	1.43E+02		1.43E+02	3.03	6.80	21.60					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T03-A	1	1.24E+02		1.24E+02	3.25	6.80	21.60	10000	1000	1.02E+03	90%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T04-A	1	3.42E+02		3.42E+02	0.82	6.80	21.60					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T05-A	1	4.38E+02		4.38E+02	1.11	6.80	21.60					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T06-A	1	6.78E+02		6.78E+02	0.81	6.80	21.60					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T07-A	1	5.98E+02		5.98E+02	1.43	6.80	21.60					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T08-A	1	5.28E+02		5.28E+02	0.92	6.80	21.60					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T09-A	1	5.04E+02		5.04E+02	0.79	6.80	21.60					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T01-B	1	6.60E+01		6.60E+01	5.71	6.80	21.60					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T02-B	1	1.56E+02		1.56E+02	6.61	6.80	21.60					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T03-B	1	1.23E+02		1.23E+02	4.05	6.80	21.60	10000	1000	1.21E+03	108%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T04-B	1	3.18E+02		3.18E+02	1.73	6.80	21.60					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T05-B	1	4.10E+02		4.10E+02	1.00	6.80	21.60					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T06-B	1	6.08E+02		6.08E+02	1.59	6.80	21.60					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T07-B	1	5.24E+02		5.24E+02	0.55	6.80	21.60					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T08-B	1	5.67E+02		5.67E+02	1.59	6.80	21.60					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T09-B	1	4.46E+02		4.46E+02	3.91	6.80	21.60					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T01-C	1	3.94E+01		3.94E+01	1.14	6.80	21.60					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T02-C	1	1.23E+02		1.23E+02	2.66	6.80	21.60					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T03-C	1	1.12E+02		1.12E+02	3.24	6.80	21.60	10000	1000	1.04E+03	93%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T04-C	1	3.14E+02		3.14E+02	2.58	6.80	21.60					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T05-C	1	3.78E+02		3.78E+02	1.93	6.80	21.60					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T06-C	1	6.91E+02		6.91E+02	1.31	6.80	21.60					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T07-C	1	6.03E+02		6.03E+02	3.73	6.80	21.60					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T08-C	1	5.03E+02		5.03E+02	2.65	6.80	21.60					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-T09-C	1	5.04E+02		5.04E+02	0.51	6.80	21.60					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	7.77	6.80	21.60					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	6.40	6.80	21.60					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	14.27	6.80	21.60					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	13.34	6.80	21.60					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	5.66	6.80	21.60					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	10.71	6.80	21.60					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	7.87	6.80	21.60					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	2.17	6.80	21.60					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Pb	CFS-L10-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	3.56	6.80	21.60					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L10-1315-T01-A	1	5.18E+00	E	5.18E+00	19.95	1.90	6.00					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T02-A	1	6.04E+00		6.04E+00	2.21	1.90	6.00					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T03-A	1	7.32E+00		7.32E+00	3.44	1.90	6.00	10000	1000	8.68E+02	86%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T04-A	1	8.29E+00		8.29E+00	3.99	1.90	6.00					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T05-A	1	8.09E+00		8.09E+00	12.35	1.90	6.00					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T06-A	1	8.95E+00		8.95E+00	8.24	1.90	6.00					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T07-A	1	4.39E+00	E	4.39E+00	30.79	1.90	6.00					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T08-A	1	4.59E+00	E	4.59E+00	4.45	1.90	6.00					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T09-A	1	7.30E+00		7.30E+00	8.51	1.90	6.00					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T01-B	1	4.15E+00	E	4.15E+00	23.91	1.90	6.00					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T02-B	1	7.00E+00		7.00E+00	1.98	1.90	6.00					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T03-B	1	5.31E+00	E	5.31E+00	6.35	1.90	6.00	10000	1000	8.90E+02	88%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T04-B	1	8.50E+00		8.50E+00	3.30	1.90	6.00					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T05-B	1	7.07E+00		7.07E+00	1.91	1.90	6.00					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T06-B	1	9.13E+00		9.13E+00	9.60	1.90	6.00					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T07-B	1	7.50E+00		7.50E+00	1.98	1.90	6.00					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T08-B	1	5.20E+00	E	5.20E+00	12.92	1.90	6.00					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T09-B	1	8.53E+00		8.53E+00	2.37	1.90	6.00					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T01-C	1	2.95E+00	E	2.95E+00	12.79	1.90	6.00					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T02-C	1	6.84E+00		6.84E+00	2.09	1.90	6.00					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T03-C	1	7.36E+00		7.36E+00	3.48	1.90	6.00	10000	1000	8.93E+02	89%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T04-C	1	7.19E+00		7.19E+00	1.11	1.90	6.00					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T05-C	1	6.69E+00		6.69E+00	5.54	1.90	6.00					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T06-C	1	6.90E+00		6.90E+00	3.62	1.90	6.00					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T07-C	1	5.86E+00	E	5.86E+00	23.30	1.90	6.00					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T08-C	1	7.49E+00		7.49E+00	2.19	1.90	6.00					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-T09-C	1	8.43E+00		8.43E+00	10.04	1.90	6.00					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	43.36	1.90	6.00					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	9.57	1.90	6.00					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	41.29	1.90	6.00					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	33.10	1.90	6.00					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	11.15	1.90	6.00					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	23.71	1.90	6.00					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	22.33	1.90	6.00					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	42.78	1.90	6.00					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Li	CFS-L10-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	38.14	1.90	6.00					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L10-1315-T01-A	1	1.67E+03		1.67E+03	0.70	2.00	6.40					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T02-A	1	9.55E+03		9.55E+03	2.14	2.00	6.40					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T03-A	1	9.56E+03		9.56E+03	2.07	2.00	6.40	10000	1000	1.04E+04	86%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T04-A	1	2.80E+04		2.80E+04	0.82	2.00	6.40					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T05-A	1	4.53E+04		4.53E+04	1.49	2.00	6.40					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T06-A	1	8.62E+04		8.62E+04	0.60	2.00	6.40					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T07-A	1	7.41E+04		7.41E+04	2.82	2.00	6.40					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T08-A	1	4.95E+04		4.95E+04	0.77	2.00	6.40					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T09-A	1	4.22E+04		4.22E+04	0.38	2.00	6.40					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T01-B	1	1.71E+03		1.71E+03	1.91	2.00	6.40					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T02-B	1	9.51E+03		9.51E+03	5.34	2.00	6.40					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T03-B	1	1.02E+04		1.02E+04	0.36	2.00	6.40	10000	1000	1.11E+04	93%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T04-B	1	3.74E+04		3.74E+04	1.01	2.00	6.40					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T05-B	1	5.26E+04		5.26E+04	1.99	2.00	6.40					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T06-B	1	9.36E+04		9.36E+04	0.90	2.00	6.40					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T07-B	1	7.73E+04		7.73E+04	0.93	2.00	6.40					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T08-B	1	5.03E+04		5.03E+04	0.76	2.00	6.40					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T09-B	1	4.38E+04		4.38E+04	1.25	2.00	6.40					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T01-C	1	1.93E+03		1.93E+03	1.54	2.00	6.40					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T02-C	1	9.77E+03		9.77E+03	0.96	2.00	6.40					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T03-C	1	9.90E+03		9.90E+03	1.10	2.00	6.40	10000	1000	1.08E+04	94%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T04-C	1	3.13E+04		3.13E+04	0.78	2.00	6.40					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T05-C	1	4.82E+04		4.82E+04	2.17	2.00	6.40					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T06-C	1	9.11E+04		9.11E+04	0.46	2.00	6.40					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T07-C	1	7.95E+04		7.95E+04	1.70	2.00	6.40					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T08-C	1	5.10E+04		5.10E+04	0.63	2.00	6.40					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-T09-C	1	4.39E+04		4.39E+04	0.53	2.00	6.40					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	33.40	2.00	6.40					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	15.91	2.00	6.40					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	23.20	2.00	6.40					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	14.42	2.00	6.40					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	32.02	2.00	6.40					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	6.65	2.00	6.40					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	5.65	2.00	6.40					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	1.38	2.00	6.40					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Mn	CFS-L10-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	15.23	2.00	6.40					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L10-1315-T01-A	1	1.67E+03		1.67E+03	2.16	1.00	3.18					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T02-A	1	9.55E+03		9.55E+03	1.89	1.00	3.18					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T03-A	1	9.56E+03		9.56E+03	2.11	1.00	3.18	10000	1000	1.05E+04	91%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T04-A	1	2.80E+04		2.80E+04	1.18	1.00	3.18					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T05-A	1	4.53E+04		4.53E+04	0.95	1.00	3.18					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T06-A	1	8.62E+04		8.62E+04	0.98	1.00	3.18					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T07-A	1	7.41E+04		7.41E+04	0.98	1.00	3.18					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T08-A	1	4.95E+04		4.95E+04	0.64	1.00	3.18					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T09-A	1	4.22E+04		4.22E+04	0.63	1.00	3.18					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T01-B	1	1.71E+03		1.71E+03	3.22	1.00	3.18					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T02-B	1	9.51E+03		9.51E+03	5.00	1.00	3.18					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T03-B	1	1.02E+04		1.02E+04	0.79	1.00	3.18	10000	1000	1.11E+04	90%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T04-B	1	3.74E+04		3.74E+04	0.77	1.00	3.18					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T05-B	1	5.26E+04		5.26E+04	1.37	1.00	3.18					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T06-B	1	9.36E+04		9.36E+04	0.51	1.00	3.18					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T07-B	1	7.73E+04		7.73E+04	0.40	1.00	3.18					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T08-B	1	5.03E+04		5.03E+04	2.77	1.00	3.18					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T09-B	1	4.38E+04		4.38E+04	2.70	1.00	3.18					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T01-C	1	1.93E+03		1.93E+03	1.62	1.00	3.18					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T02-C	1	9.77E+03		9.77E+03	1.39	1.00	3.18					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T03-C	1	9.90E+03		9.90E+03	1.24	1.00	3.18	10000	1000	1.08E+04	89%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T04-C	1	3.13E+04		3.13E+04	1.94	1.00	3.18					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T05-C	1	4.82E+04		4.82E+04	1.62	1.00	3.18					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T06-C	1	9.11E+04		9.11E+04	0.91	1.00	3.18					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T07-C	1	7.95E+04		7.95E+04	1.62	1.00	3.18					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T08-C	1	5.10E+04		5.10E+04	1.45	1.00	3.18					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-T09-C	1	4.39E+04		4.39E+04	1.20	1.00	3.18					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	3.06	1.00	3.18					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	6.03	1.00	3.18					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	34.16	1.00	3.18					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	2.99	1.00	3.18					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	38.29	1.00	3.18					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	27.97	1.00	3.18					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	2.93	1.00	3.18					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.52	1.00	3.18					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Mg	CFS-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	5.44	1.00	3.18					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L10-1315-T01-A	1	1.26E+00	E	1.26E+00	20.75	1.20	3.82					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T02-A	1	1.26E+00	E	1.26E+00	5.41	1.20	3.82					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T03-A	1	1.25E+00	E	1.25E+00	2.10	1.20	3.82	10000	1000	8.68E+02	87%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T04-A	1	1.46E+00	E	1.46E+00	14.04	1.20	3.82					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T05-A	1	2.09E+00	E	2.09E+00	22.18	1.20	3.82					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T06-A	1	3.41E+00	E	3.41E+00	18.57	1.20	3.82					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T07-A	1	2.52E+00	E	2.52E+00	28.33	1.20	3.82					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T08-A	1	1.67E+00	E	1.67E+00	24.43	1.20	3.82					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T09-A	1	1.50E+00	E	1.50E+00	30.79	1.20	3.82					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T01-B	1	1.22E+00	E	1.22E+00	13.25	1.20	3.82					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T02-B	1	2.88E+00	E	2.88E+00	6.38	1.20	3.82					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T03-B	1	2.15E+00	E	2.15E+00	5.27	1.20	3.82	10000	1000	9.29E+02	93%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T04-B	1	2.28E+00	E	2.28E+00	32.36	1.20	3.82					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T05-B	1	1.53E+00	E	1.53E+00	23.79	1.20	3.82					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T06-B	1	2.31E+00	E	2.31E+00	18.14	1.20	3.82					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T07-B	1	3.56E+00	E	3.56E+00	12.19	1.20	3.82					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T08-B	1	2.23E+00	E	2.23E+00	32.53	1.20	3.82					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T09-B	1	1.31E+00	E	1.31E+00	31.61	1.20	3.82					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T01-C	1	1.49E+00	E	1.49E+00	8.31	1.20	3.82					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T02-C	1	1.83E+00	E	1.83E+00	0.87	1.20	3.82					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T03-C	1	1.96E+00	E	1.96E+00	27.90	1.20	3.82	10000	1000	8.72E+02	87%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T04-C	1	1.83E+00	E	1.83E+00	14.56	1.20	3.82					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T05-C	1	1.59E+00	E	1.59E+00	31.14	1.20	3.82					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T06-C	1	2.17E+00	E	2.17E+00	24.17	1.20	3.82					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T07-C	1	2.57E+00	E	2.57E+00	11.16	1.20	3.82					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T08-C	1	1.92E+00	E	1.92E+00	37.81	1.20	3.82					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-T09-C	1	1.47E+00	E	1.47E+00	5.12	1.20	3.82					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	31.57	1.20	3.82					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	33.40	1.20	3.82					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	5.58	1.20	3.82					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	61.46	1.20	3.82					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	29.95	1.20	3.82					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	43.81	1.20	3.82					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	15.17	1.20	3.82					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	5.65	1.20	3.82					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Mo	CFS-L10-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	35.93	1.20	3.82					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L10-1315-T01-A	1	4.06E+00	E	4.06E+00	26.14	1.80	5.70					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T02-A	1	1.62E+01		1.62E+01	7.35	1.80	5.70					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T03-A	1	1.57E+01		1.57E+01	8.74	1.80	5.70	10000	1000	8.85E+02	87%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T04-A	1	5.20E+01		5.20E+01	4.78	1.80	5.70					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T05-A	1	6.54E+01		6.54E+01	1.06	1.80	5.70					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T06-A	1	9.72E+01		9.72E+01	4.08	1.80	5.70					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T07-A	1	7.85E+01		7.85E+01	4.66	1.80	5.70					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T08-A	1	5.37E+01		5.37E+01	1.21	1.80	5.70					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T09-A	1	4.60E+01		4.60E+01	2.54	1.80	5.70					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T01-B	1	3.01E+00	E	3.01E+00	18.00	1.80	5.70					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T02-B	1	1.41E+01		1.41E+01	2.70	1.80	5.70					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T03-B	1	1.29E+01		1.29E+01	13.84	1.80	5.70	10000	1000	9.59E+02	95%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T04-B	1	4.99E+01		4.99E+01	1.70	1.80	5.70					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T05-B	1	6.04E+01		6.04E+01	3.55	1.80	5.70					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T06-B	1	9.57E+01		9.57E+01	1.61	1.80	5.70					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T07-B	1	7.89E+01		7.89E+01	1.70	1.80	5.70					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T08-B	1	5.41E+01		5.41E+01	0.74	1.80	5.70					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T09-B	1	4.83E+01		4.83E+01	2.87	1.80	5.70					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T01-C	1	2.38E+00	E	2.38E+00	23.49	1.80	5.70					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T02-C	1	1.58E+01		1.58E+01	1.95	1.80	5.70					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T03-C	1	1.54E+01		1.54E+01	8.04	1.80	5.70	10000	1000	9.16E+02	90%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T04-C	1	5.23E+01		5.23E+01	6.71	1.80	5.70					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T05-C	1	6.72E+01		6.72E+01	1.78	1.80	5.70					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T06-C	1	1.04E+02		1.04E+02	3.62	1.80	5.70					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T07-C	1	8.69E+01		8.69E+01	2.87	1.80	5.70					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T08-C	1	5.66E+01		5.66E+01	2.00	1.80	5.70					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-T09-C	1	4.74E+01		4.74E+01	3.30	1.80	5.70					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	51.86	1.80	5.70					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	28.94	1.80	5.70					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	22.94	1.80	5.70					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	15.05	1.80	5.70					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	44.02	1.80	5.70					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	19.84	1.80	5.70					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	40.64	1.80	5.70					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	2.11	1.80	5.70					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Ni	CFS-L10-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	62.93	1.80	5.70					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L10-1315-T01-A	1	1.85E+00	U1/2	1.85E+00	63.22	3.70	11.80					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T02-A	1	4.68E+00	E	4.68E+00	15.12	3.70	11.80					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T03-A	1	7.56E+00	E	7.56E+00	28.02	3.70	11.80	10000	1000	8.87E+02	88%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T04-A	1	5.41E+00	E	5.41E+00	37.29	3.70	11.80					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T05-A	1	5.43E+00	E	5.43E+00	26.14	3.70	11.80					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T06-A	1	7.61E+00	E	7.61E+00	12.10	3.70	11.80					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T07-A	1	6.38E+00	E	6.38E+00	17.75	3.70	11.80					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T08-A	1	6.28E+00	E	6.28E+00	11.30	3.70	11.80					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T09-A	1	9.43E+00	E	9.43E+00	55.99	3.70	11.80					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T01-B	1	1.85E+00	U1/2	1.85E+00	28.87	3.70	11.80					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T02-B	1	3.99E+00	E	3.99E+00	31.58	3.70	11.80					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T03-B	1	5.44E+00	E	5.44E+00	23.89	3.70	11.80	10000	1000	9.45E+02	94%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T04-B	1	5.12E+00	E	5.12E+00	38.61	3.70	11.80					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T05-B	1	6.43E+00	E	6.43E+00	33.57	3.70	11.80					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T06-B	1	7.12E+00	E	7.12E+00	25.32	3.70	11.80					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T07-B	1	8.18E+00	E	8.18E+00	47.82	3.70	11.80					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T08-B	1	7.75E+00	E	7.75E+00	43.18	3.70	11.80					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T09-B	1	4.69E+00	E	4.69E+00	36.52	3.70	11.80					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T01-C	1	1.85E+00	U1/2	1.85E+00	59.73	3.70	11.80					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T02-C	1	4.06E+00	E	4.06E+00	29.64	3.70	11.80					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T03-C	1	6.36E+00	E	6.36E+00	12.17	3.70	11.80	10000	1000	9.21E+02	91%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T04-C	1	5.20E+00	E	5.20E+00	34.93	3.70	11.80					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T05-C	1	7.04E+00	E	7.04E+00	39.26	3.70	11.80					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T06-C	1	7.55E+00	E	7.55E+00	22.47	3.70	11.80					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T07-C	1	9.51E+00	E	9.51E+00	17.31	3.70	11.80					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T08-C	1	8.66E+00	E	8.66E+00	26.32	3.70	11.80					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-T09-C	1	5.07E+00	E	5.07E+00	14.92	3.70	11.80					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	32.76	3.70	11.80					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	21.33	3.70	11.80					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	54.72	3.70	11.80					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	18.61	3.70	11.80					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	6.09	3.70	11.80					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	8.57	3.70	11.80					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	35.41	3.70	11.80					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	57.88	3.70	11.80					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
P	CFS-L10-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	43.36	3.70	11.80					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L10-1315-T01-A	1	2.35E+02		2.35E+02	1.99	1.60	5.09					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T02-A	1	1.21E+03		1.21E+03	0.48	1.60	5.09					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T03-A	1	1.12E+03		1.12E+03	1.78	1.60	5.09	10000	1000	2.00E+03	88%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T04-A	1	7.58E+03		7.58E+03	2.08	1.60	5.09					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T05-A	1	6.39E+03		6.39E+03	0.81	1.60	5.09					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T06-A	1	1.03E+04		1.03E+04	1.33	1.60	5.09					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T07-A	1	7.52E+03		7.52E+03	1.85	1.60	5.09					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T08-A	1	5.02E+03		5.02E+03	0.25	1.60	5.09					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T09-A	1	3.99E+03		3.99E+03	0.33	1.60	5.09					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T01-B	1	1.63E+02		1.63E+02	2.41	1.60	5.09					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T02-B	1	1.31E+03		1.31E+03	5.46	1.60	5.09					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T03-B	1	1.25E+03		1.25E+03	0.34	1.60	5.09	10000	1000	2.20E+03	95%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T04-B	1	6.68E+03		6.68E+03	1.90	1.60	5.09					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T05-B	1	6.60E+03		6.60E+03	1.89	1.60	5.09					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T06-B	1	1.06E+04		1.06E+04	0.92	1.60	5.09					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T07-B	1	7.57E+03		7.57E+03	0.99	1.60	5.09					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T08-B	1	4.99E+03		4.99E+03	2.41	1.60	5.09					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T09-B	1	4.16E+03		4.16E+03	2.50	1.60	5.09					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T01-C	1	1.71E+02		1.71E+02	0.33	1.60	5.09					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T02-C	1	1.23E+03		1.23E+03	1.71	1.60	5.09					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T03-C	1	1.20E+03		1.20E+03	0.51	1.60	5.09	10000	1000	2.13E+03	93%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T04-C	1	7.11E+03		7.11E+03	2.52	1.60	5.09					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T05-C	1	6.38E+03		6.38E+03	1.30	1.60	5.09					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T06-C	1	1.07E+04		1.07E+04	1.56	1.60	5.09					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T07-C	1	7.72E+03		7.72E+03	2.20	1.60	5.09					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T08-C	1	4.94E+03		4.94E+03	1.12	1.60	5.09					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-T09-C	1	4.07E+03		4.07E+03	1.29	1.60	5.09					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-M01-A	1	1.94E+01		1.94E+01	0.78	1.60	5.09					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-M02-A	1	1.99E+01		1.99E+01	5.77	1.60	5.09					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-M03-A	1	2.56E+01		2.56E+01	8.14	1.60	5.09					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-M04-A	1	1.47E+01		1.47E+01	1.10	1.60	5.09					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-M05-A	1	1.42E+01		1.42E+01	2.05	1.60	5.09					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-M06-A	1	2.12E+01		2.12E+01	6.61	1.60	5.09					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-M07-A	1	2.76E+01		2.76E+01	6.31	1.60	5.09					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-M08-A	1	2.31E+01		2.31E+01	2.33	1.60	5.09					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
K	CFS-L10-1315-M09-A	1	2.67E+01		2.67E+01	9.56	1.60	5.09					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L10-1315-T01-A	1	1.63E+01	E	1.63E+01	21.30	15.00	47.70					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T02-A	1	1.94E+01	E	1.94E+01	15.02	15.00	47.70					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T03-A	1	2.46E+01	E	2.46E+01	15.30	15.00	47.70	10000	1000	8.79E+02	85%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T04-A	1	3.49E+01	E	3.49E+01	5.62	15.00	47.70					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T05-A	1	5.64E+01		5.64E+01	4.60	15.00	47.70					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T06-A	1	8.62E+01		8.62E+01	10.90	15.00	47.70					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T07-A	1	6.06E+01		6.06E+01	6.60	15.00	47.70					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T08-A	1	4.52E+01	E	4.52E+01	24.47	15.00	47.70					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T09-A	1	2.21E+01	E	2.21E+01	18.07	15.00	47.70					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T01-B	1	1.68E+01	E	1.68E+01	27.92	15.00	47.70					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T02-B	1	2.06E+01	E	2.06E+01	15.72	15.00	47.70					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T03-B	1	2.50E+01	E	2.50E+01	11.26	15.00	47.70	10000	1000	9.76E+02	95%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T04-B	1	3.69E+01	E	3.69E+01	6.90	15.00	47.70					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T05-B	1	5.07E+01		5.07E+01	6.95	15.00	47.70					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T06-B	1	7.76E+01		7.76E+01	8.93	15.00	47.70					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T07-B	1	6.37E+01		6.37E+01	6.92	15.00	47.70					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T08-B	1	3.36E+01	E	3.36E+01	17.26	15.00	47.70					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T09-B	1	1.74E+01	E	1.74E+01	19.01	15.00	47.70					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T01-C	1	1.71E+01	E	1.71E+01	15.21	15.00	47.70					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T02-C	1	2.09E+01	E	2.09E+01	4.86	15.00	47.70					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T03-C	1	2.55E+01	E	2.55E+01	9.57	15.00	47.70	10000	1000	9.44E+02	92%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T04-C	1	3.80E+01	E	3.80E+01	9.34	15.00	47.70					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T05-C	1	4.79E+01		4.79E+01	1.96	15.00	47.70					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T06-C	1	7.66E+01		7.66E+01	3.93	15.00	47.70					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T07-C	1	6.93E+01		6.93E+01	7.69	15.00	47.70					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T08-C	1	3.15E+01	E	3.15E+01	15.64	15.00	47.70					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-T09-C	1	1.67E+01	E	1.67E+01	22.17	15.00	47.70					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	11.36	15.00	47.70					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	43.42	15.00	47.70					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	46.13	15.00	47.70					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	32.90	15.00	47.70					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	43.35	15.00	47.70					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	27.89	15.00	47.70					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	17.34	15.00	47.70					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	5.26	15.00	47.70					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Se	CFS-L10-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	9.73	15.00	47.70					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L10-1315-T01-A	1	4.77E+01		4.77E+01	4.73	1.10	3.50					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T02-A	1	3.16E+02		3.16E+02	1.34	1.10	3.50					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T03-A	1	2.92E+02		2.92E+02	1.77	1.10	3.50	10000	1000	1.18E+03	89%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T04-A	1	9.44E+02		9.44E+02	2.10	1.10	3.50					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T05-A	1	1.17E+03		1.17E+03	0.51	1.10	3.50					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T06-A	1	1.89E+03		1.89E+03	1.15	1.10	3.50					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T07-A	1	1.45E+03		1.45E+03	1.88	1.10	3.50					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T08-A	1	1.31E+03		1.31E+03	0.73	1.10	3.50					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T09-A	1	1.15E+03		1.15E+03	0.59	1.10	3.50					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T01-B	1	3.67E+01		3.67E+01	2.27	1.10	3.50					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T02-B	1	2.70E+02		2.70E+02	5.56	1.10	3.50					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T03-B	1	2.48E+02		2.48E+02	1.15	1.10	3.50	10000	1000	1.18E+03	93%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T04-B	1	8.96E+02		8.96E+02	2.07	1.10	3.50					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T05-B	1	1.09E+03		1.09E+03	1.58	1.10	3.50					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T06-B	1	1.84E+03		1.84E+03	0.87	1.10	3.50					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T07-B	1	1.44E+03		1.44E+03	1.47	1.10	3.50					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T08-B	1	1.31E+03		1.31E+03	1.96	1.10	3.50					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T09-B	1	1.19E+03		1.19E+03	2.57	1.10	3.50					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T01-C	1	3.29E+01		3.29E+01	3.68	1.10	3.50					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T02-C	1	3.01E+02		3.01E+02	1.27	1.10	3.50					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T03-C	1	2.88E+02		2.88E+02	1.15	1.10	3.50	10000	1000	1.15E+03	87%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T04-C	1	9.45E+02		9.45E+02	2.79	1.10	3.50					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T05-C	1	1.15E+03		1.15E+03	1.73	1.10	3.50					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T06-C	1	1.95E+03		1.95E+03	1.41	1.10	3.50					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T07-C	1	1.54E+03		1.54E+03	2.03	1.10	3.50					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T08-C	1	1.30E+03		1.30E+03	1.58	1.10	3.50					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-T09-C	1	1.18E+03		1.18E+03	1.34	1.10	3.50					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	17.85	1.10	3.50					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	12.72	1.10	3.50					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	21.27	1.10	3.50					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	20.41	1.10	3.50					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	8.89	1.10	3.50					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	20.81	1.10	3.50					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	12.36	1.10	3.50					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	2.44	1.10	3.50					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Si	CFS-L10-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	21.43	1.10	3.50					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L10-1315-T01-A	1	8.62E+02		8.62E+02	0.10	2.50	8.00					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T02-A	1	5.45E+03		5.45E+03	0.61	2.50	8.00					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T03-A	1	5.66E+03		5.66E+03	0.23	2.50	8.00	10000	1000	6.56E+03	91%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T04-A	1	1.58E+04		1.58E+04	1.19	2.50	8.00					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T05-A	1	2.25E+04		2.25E+04	0.65	2.50	8.00					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T06-A	1	3.71E+04		3.71E+04	0.47	2.50	8.00					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T07-A	1	2.80E+04		2.80E+04	0.48	2.50	8.00					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T08-A	1	1.61E+04		1.61E+04	1.07	2.50	8.00					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T09-A	1	1.27E+04		1.27E+04	0.50	2.50	8.00					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T01-B	1	9.67E+02		9.67E+02	1.01	2.50	8.00					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T02-B	1	5.70E+03		5.70E+03	1.90	2.50	8.00					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T03-B	1	5.94E+03		5.94E+03	0.17	2.50	8.00	10000	1000	6.90E+03	96%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T04-B	1	2.04E+04		2.04E+04	0.73	2.50	8.00					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T05-B	1	2.46E+04		2.46E+04	0.62	2.50	8.00					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T06-B	1	3.82E+04		3.82E+04	1.05	2.50	8.00					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T07-B	1	2.78E+04		2.78E+04	0.55	2.50	8.00					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T08-B	1	1.57E+04		1.57E+04	0.55	2.50	8.00					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T09-B	1	1.29E+04		1.29E+04	0.58	2.50	8.00					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T01-C	1	9.33E+02		9.33E+02	0.49	2.50	8.00					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T02-C	1	6.00E+03		6.00E+03	0.35	2.50	8.00					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T03-C	1	6.38E+03		6.38E+03	0.27	2.50	8.00	10000	1000	7.27E+03	89%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T04-C	1	1.72E+04		1.72E+04	1.09	2.50	8.00					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T05-C	1	2.35E+04		2.35E+04	0.48	2.50	8.00					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T06-C	1	3.85E+04		3.85E+04	0.46	2.50	8.00					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T07-C	1	2.83E+04		2.83E+04	0.79	2.50	8.00					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T08-C	1	1.59E+04		1.59E+04	0.97	2.50	8.00					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-T09-C	1	1.28E+04		1.28E+04	1.37	2.50	8.00					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-M01-A	1	5.77E+01		5.77E+01	1.55	2.50	8.00					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-M02-A	1	7.47E+01		7.47E+01	2.54	2.50	8.00					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-M03-A	1	6.59E+01		6.59E+01	0.40	2.50	8.00					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-M04-A	1	5.41E+01		5.41E+01	1.21	2.50	8.00					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-M05-A	1	6.55E+01		6.55E+01	0.31	2.50	8.00					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-M06-A	1	3.86E+01		3.86E+01	1.65	2.50	8.00					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-M07-A	1	5.03E+01		5.03E+01	1.36	2.50	8.00					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-M08-A	1	4.36E+01		4.36E+01	0.41	2.50	8.00					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Na	CFS-L10-1315-M09-A	1	6.18E+01		6.18E+01	1.39	2.50	8.00					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L10-1315-T01-A	1	3.69E+01		3.69E+01	4.92	1.00	3.18					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T02-A	1	1.64E+02		1.64E+02	0.48	1.00	3.18					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T03-A	1	1.45E+02		1.45E+02	1.57	1.00	3.18	10000	1000	1.17E+03	103%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T04-A	1	4.60E+02		4.60E+02	1.39	1.00	3.18					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T05-A	1	5.62E+02		5.62E+02	1.08	1.00	3.18					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T06-A	1	8.96E+02		8.96E+02	0.91	1.00	3.18					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T07-A	1	7.64E+02		7.64E+02	2.50	1.00	3.18					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T08-A	1	5.56E+02		5.56E+02	0.45	1.00	3.18					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T09-A	1	4.92E+02		4.92E+02	0.33	1.00	3.18					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T01-B	1	3.30E+01		3.30E+01	3.50	1.00	3.18					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T02-B	1	1.56E+02		1.56E+02	6.38	1.00	3.18					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T03-B	1	1.35E+02		1.35E+02	0.96	1.00	3.18	10000	1000	1.19E+03	105%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T04-B	1	4.81E+02		4.81E+02	1.37	1.00	3.18					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T05-B	1	5.63E+02		5.63E+02	2.36	1.00	3.18					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T06-B	1	8.94E+02		8.94E+02	1.61	1.00	3.18					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T07-B	1	7.68E+02		7.68E+02	0.39	1.00	3.18					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T08-B	1	5.54E+02		5.54E+02	2.47	1.00	3.18					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T09-B	1	5.03E+02		5.03E+02	2.85	1.00	3.18					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T01-C	1	2.97E+01		2.97E+01	2.95	1.00	3.18					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T02-C	1	1.59E+02		1.59E+02	1.54	1.00	3.18					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T03-C	1	1.46E+02		1.46E+02	0.70	1.00	3.18	10000	1000	1.14E+03	99%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T04-C	1	4.57E+02		4.57E+02	1.97	1.00	3.18					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T05-C	1	5.50E+02		5.50E+02	0.77	1.00	3.18					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T06-C	1	9.16E+02		9.16E+02	2.31	1.00	3.18					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T07-C	1	7.88E+02		7.88E+02	2.71	1.00	3.18					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T08-C	1	5.37E+02		5.37E+02	0.83	1.00	3.18					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-T09-C	1	4.90E+02		4.90E+02	1.59	1.00	3.18					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	57.03	1.00	3.18					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	39.04	1.00	3.18					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	51.06	1.00	3.18					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	53.53	1.00	3.18					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	4.30	1.00	3.18					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	52.60	1.00	3.18					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	47.68	1.00	3.18					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	2.34	1.00	3.18					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Sr	CFS-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	16.43	1.00	3.18					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L10-1315-T01-A	1	1.42E+04		1.42E+04	0.41	6.80	21.60					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T02-A	1	5.42E+04		5.42E+04	1.19	6.80	21.60					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T03-A	1	4.60E+04		4.60E+04	2.14	6.80	21.60	10000	1000	4.69E+04	88%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T04-A	1	1.39E+05		1.39E+05	2.15	6.80	21.60					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T05-A	1	1.71E+05		1.71E+05	0.52	6.80	21.60					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T06-A	1	2.72E+05		2.72E+05	1.05	6.80	21.60					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T07-A	1	2.27E+05		2.27E+05	1.83	6.80	21.60					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T08-A	1	1.56E+05		1.56E+05	0.34	6.80	21.60					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T09-A	1	1.36E+05		1.36E+05	0.40	6.80	21.60					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T01-B	1	1.25E+04		1.25E+04	2.75	6.80	21.60					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T02-B	1	4.74E+04		4.74E+04	5.70	6.80	21.60					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T03-B	1	4.23E+04		4.23E+04	0.74	6.80	21.60	10000	1000	4.32E+04	91%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T04-B	1	1.47E+05		1.47E+05	1.37	6.80	21.60					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T05-B	1	1.76E+05		1.76E+05	1.70	6.80	21.60					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T06-B	1	2.81E+05		2.81E+05	1.22	6.80	21.60					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T07-B	1	2.33E+05		2.33E+05	1.13	6.80	21.60					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T08-B	1	1.60E+05		1.60E+05	2.26	6.80	21.60					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T09-B	1	1.45E+05		1.45E+05	2.45	6.80	21.60					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T01-C	1	1.16E+04		1.16E+04	1.82	6.80	21.60					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T02-C	1	5.04E+04		5.04E+04	1.95	6.80	21.60					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T03-C	1	4.67E+04		4.67E+04	0.39	6.80	21.60	10000	1000	4.76E+04	87%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T04-C	1	1.42E+05		1.42E+05	2.81	6.80	21.60					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T05-C	1	1.75E+05		1.75E+05	1.44	6.80	21.60					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T06-C	1	2.89E+05		2.89E+05	1.46	6.80	21.60					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T07-C	1	2.45E+05		2.45E+05	2.35	6.80	21.60					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T08-C	1	1.60E+05		1.60E+05	1.21	6.80	21.60					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-T09-C	1	1.43E+05		1.43E+05	1.24	6.80	21.60					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	25.37	6.80	21.60					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	8.54	6.80	21.60					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-M03-A	1	2.25E+01		2.25E+01	1.76	6.80	21.60					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-M04-A	1	1.44E+01	E	1.44E+01	2.48	6.80	21.60					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-M05-A	1	2.49E+01		2.49E+01	3.45	6.80	21.60					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-M06-A	1	1.89E+01	E	1.89E+01	12.47	6.80	21.60					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-M07-A	1	6.80E+00	E	6.80E+00	10.18	6.80	21.60					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-M08-A	1	8.63E+00	E	8.63E+00	1.91	6.80	21.60					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
S	CFS-L10-1315-M09-A	1	2.06E+01	E	2.06E+01	1.73	6.80	21.60					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L10-1315-T01-A	1	9.10E+00	E	9.10E+00	10.89	4.60	14.60					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T02-A	1	5.13E+01		5.13E+01	2.60	4.60	14.60					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T03-A	1	4.81E+01		4.81E+01	1.59	4.60	14.60	10000	1000	9.82E+02	93%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T04-A	1	1.83E+02		1.83E+02	3.80	4.60	14.60					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T05-A	1	2.24E+02		2.24E+02	1.27	4.60	14.60					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T06-A	1	3.48E+02		3.48E+02	1.34	4.60	14.60					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T07-A	1	2.53E+02		2.53E+02	2.55	4.60	14.60					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T08-A	1	2.05E+02		2.05E+02	4.63	4.60	14.60					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T09-A	1	1.60E+02		1.60E+02	1.98	4.60	14.60					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T01-B	1	5.36E+00	E	5.36E+00	4.90	4.60	14.60					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T02-B	1	5.65E+01		5.65E+01	2.69	4.60	14.60					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T03-B	1	4.91E+01		4.91E+01	4.00	4.60	14.60	10000	1000	1.12E+03	107%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T04-B	1	1.91E+02		1.91E+02	1.19	4.60	14.60					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T05-B	1	2.19E+02		2.19E+02	2.69	4.60	14.60					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T06-B	1	3.48E+02		3.48E+02	2.08	4.60	14.60					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T07-B	1	2.54E+02		2.54E+02	3.74	4.60	14.60					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T08-B	1	2.07E+02		2.07E+02	2.42	4.60	14.60					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T09-B	1	1.71E+02		1.71E+02	4.02	4.60	14.60					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T01-C	1	5.86E+00	E	5.86E+00	11.65	4.60	14.60					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T02-C	1	5.14E+01		5.14E+01	5.57	4.60	14.60					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T03-C	1	5.27E+01		5.27E+01	4.25	4.60	14.60	10000	1000	1.10E+03	105%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T04-C	1	1.89E+02		1.89E+02	1.25	4.60	14.60					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T05-C	1	2.26E+02		2.26E+02	1.87	4.60	14.60					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T06-C	1	3.55E+02		3.55E+02	2.44	4.60	14.60					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T07-C	1	2.68E+02		2.68E+02	2.17	4.60	14.60					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T08-C	1	2.03E+02		2.03E+02	0.43	4.60	14.60					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-T09-C	1	1.80E+02		1.80E+02	3.03	4.60	14.60					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	31.71	4.60	14.60					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	20.91	4.60	14.60					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	61.87	4.60	14.60					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	44.22	4.60	14.60					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	74.07	4.60	14.60					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	35.08	4.60	14.60					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	48.95	4.60	14.60					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	4.05	4.60	14.60					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Tl	CFS-L10-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	22.78	4.60	14.60					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L10-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	19.99	2.00	6.40					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	29.44	2.00	6.40					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	53.57	2.00	6.40	10000	1000	9.00E+02	90%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	53.69	2.00	6.40					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	27.48	2.00	6.40					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	16.76	2.00	6.40					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	15.19	2.00	6.40					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	31.58	2.00	6.40					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	40.40	2.00	6.40					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	62.86	2.00	6.40					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	79.31	2.00	6.40					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	23.21	2.00	6.40	10000	1000	9.54E+02	95%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	52.97	2.00	6.40					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	33.55	2.00	6.40					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	40.23	2.00	6.40					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	29.63	2.00	6.40					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	32.56	2.00	6.40					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	47.33	2.00	6.40					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	30.64	2.00	6.40					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	49.11	2.00	6.40					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	51.59	2.00	6.40	10000	1000	8.86E+02	88%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	15.97	2.00	6.40					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	48.66	2.00	6.40					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	51.82	2.00	6.40					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	20.20	2.00	6.40					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	47.61	2.00	6.40					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	71.33	2.00	6.40					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	7.32	2.00	6.40					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	20.39	2.00	6.40					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	8.13	2.00	6.40					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	34.41	2.00	6.40					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	16.13	2.00	6.40					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	25.35	2.00	6.40					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	23.49	2.00	6.40					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	27.68	2.00	6.40					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Ti	CFS-L10-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	44.21	2.00	6.40					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L10-1315-T01-A	1	2.09E+00	E	2.09E+00	21.76	1.50	4.77					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T02-A	1	3.14E+00	E	3.14E+00	12.37	1.50	4.77					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T03-A	1	3.16E+00	E	3.16E+00	24.10	1.50	4.77	10000	1000	8.67E+02	86%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T04-A	1	7.38E+00		7.38E+00	5.32	1.50	4.77					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T05-A	1	7.26E+00		7.26E+00	4.89	1.50	4.77					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T06-A	1	1.12E+01		1.12E+01	4.07	1.50	4.77					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T07-A	1	9.18E+00		9.18E+00	2.69	1.50	4.77					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T08-A	1	6.15E+00		6.15E+00	1.57	1.50	4.77					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T09-A	1	5.13E+00		5.13E+00	7.33	1.50	4.77					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T01-B	1	1.67E+00	E	1.67E+00	6.71	1.50	4.77					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T02-B	1	3.33E+00	E	3.33E+00	12.51	1.50	4.77					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T03-B	1	2.68E+00	E	2.68E+00	15.26	1.50	4.77	10000	1000	9.21E+02	92%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T04-B	1	6.25E+00		6.25E+00	8.77	1.50	4.77					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T05-B	1	6.47E+00		6.47E+00	1.98	1.50	4.77					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T06-B	1	9.54E+00		9.54E+00	3.52	1.50	4.77					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T07-B	1	8.05E+00		8.05E+00	8.95	1.50	4.77					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T08-B	1	6.94E+00		6.94E+00	1.86	1.50	4.77					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T09-B	1	6.10E+00		6.10E+00	2.35	1.50	4.77					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T01-C	1	1.85E+00	E	1.85E+00	8.35	1.50	4.77					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T02-C	1	3.88E+00	E	3.88E+00	13.84	1.50	4.77					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T03-C	1	3.43E+00	E	3.43E+00	19.49	1.50	4.77	10000	1000	8.64E+02	86%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T04-C	1	6.72E+00		6.72E+00	7.81	1.50	4.77					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T05-C	1	7.86E+00		7.86E+00	1.29	1.50	4.77					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T06-C	1	1.08E+01		1.08E+01	8.88	1.50	4.77					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T07-C	1	8.87E+00		8.87E+00	1.55	1.50	4.77					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T08-C	1	7.25E+00		7.25E+00	7.14	1.50	4.77					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-T09-C	1	6.38E+00		6.38E+00	11.93	1.50	4.77					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	28.67	1.50	4.77					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	31.35	1.50	4.77					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	21.88	1.50	4.77					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	42.07	1.50	4.77					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	21.73	1.50	4.77					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	39.86	1.50	4.77					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	25.09	1.50	4.77					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	15.34	1.50	4.77					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
V	CFS-L10-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	176.10	1.50	4.77					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L10-1315-T01-A	1	3.97E+02		3.97E+02	1.02	1.00	3.18					VU ICP-OES	8/19/11 3:12 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T02-A	1	1.76E+03		1.76E+03	1.58	1.00	3.18					VU ICP-OES	8/19/11 3:14 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T03-A	1	1.69E+03		1.69E+03	2.32	1.00	3.18	10000	1000	2.61E+03	92%	VU ICP-OES	8/19/11 3:16 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T04-A	1	5.68E+03		5.68E+03	1.20	1.00	3.18					VU ICP-OES	8/19/11 3:17 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T05-A	1	6.99E+03		6.99E+03	1.63	1.00	3.18					VU ICP-OES	8/19/11 3:19 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T06-A	1	1.02E+04		1.02E+04	2.15	1.00	3.18					VU ICP-OES	8/19/11 3:21 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T07-A	1	8.59E+03		8.59E+03	1.52	1.00	3.18					VU ICP-OES	8/19/11 3:22 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T08-A	1	5.85E+03		5.85E+03	0.94	1.00	3.18					VU ICP-OES	8/19/11 3:24 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T09-A	1	5.45E+03		5.45E+03	0.75	1.00	3.18					VU ICP-OES	8/19/11 3:26 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T01-B	1	3.16E+02		3.16E+02	1.95	1.00	3.18					VU ICP-OES	8/19/11 3:36 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T02-B	1	1.44E+03		1.44E+03	4.81	1.00	3.18					VU ICP-OES	8/19/11 3:37 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T03-B	1	1.45E+03		1.45E+03	0.25	1.00	3.18	10000	1000	2.41E+03	95%	VU ICP-OES	8/19/11 3:39 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T04-B	1	5.04E+03		5.04E+03	0.77	1.00	3.18					VU ICP-OES	8/19/11 3:41 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T05-B	1	6.09E+03		6.09E+03	3.06	1.00	3.18					VU ICP-OES	8/19/11 3:42 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T06-B	1	9.54E+03		9.54E+03	0.61	1.00	3.18					VU ICP-OES	8/19/11 3:44 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T07-B	1	8.29E+03		8.29E+03	0.13	1.00	3.18					VU ICP-OES	8/19/11 3:46 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T08-B	1	5.88E+03		5.88E+03	1.53	1.00	3.18					VU ICP-OES	8/19/11 3:47 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T09-B	1	5.56E+03		5.56E+03	1.45	1.00	3.18					VU ICP-OES	8/19/11 3:49 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T01-C	1	3.07E+02		3.07E+02	1.68	1.00	3.18					VU ICP-OES	8/19/11 3:50 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T02-C	1	1.66E+03		1.66E+03	1.60	1.00	3.18					VU ICP-OES	8/19/11 3:52 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T03-C	1	1.74E+03		1.74E+03	1.49	1.00	3.18	10000	1000	2.68E+03	94%	VU ICP-OES	8/19/11 3:54 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T04-C	1	5.75E+03		5.75E+03	1.60	1.00	3.18					VU ICP-OES	8/19/11 3:55 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T05-C	1	6.97E+03		6.97E+03	1.76	1.00	3.18					VU ICP-OES	8/19/11 3:57 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T06-C	1	1.06E+04		1.06E+04	2.25	1.00	3.18					VU ICP-OES	8/19/11 3:59 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T07-C	1	9.10E+03		9.10E+03	1.71	1.00	3.18					VU ICP-OES	8/19/11 4:00 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T08-C	1	5.97E+03		5.97E+03	0.82	1.00	3.18					VU ICP-OES	8/19/11 4:02 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-T09-C	1	5.57E+03		5.57E+03	0.57	1.00	3.18					VU ICP-OES	8/19/11 4:04 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	4.96	1.00	3.18					VU ICP-OES	8/19/11 2:58 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	4.89	1.00	3.18					VU ICP-OES	8/19/11 2:59 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	3.56	1.00	3.18					VU ICP-OES	8/19/11 3:01 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	5.87	1.00	3.18					VU ICP-OES	8/19/11 3:03 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.01	1.00	3.18					VU ICP-OES	8/19/11 3:04 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	6.51	1.00	3.18					VU ICP-OES	8/19/11 3:06 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	2.23	1.00	3.18					VU ICP-OES	8/19/11 3:08 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	2.42	1.00	3.18					VU ICP-OES	8/19/11 3:09 PM	EPA Interlab L10 1315 CFS
Zn	CFS-L10-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	3.53	1.00	3.18					VU ICP-OES	8/19/11 3:11 PM	EPA Interlab L10 1315 CFS

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-L11-1315-T01-A	1	1.76E+01		1.76E+01	1.24	1.00	3.18					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T02-A	1	2.60E+01		2.60E+01	1.60	1.00	3.18					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T03-A	1	3.84E+01		3.84E+01	1.61	1.00	3.18	10000	1000	9.76E+02	94%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T04-A	1	5.44E+01		5.44E+01	2.35	1.00	3.18					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T05-A	1	4.40E+01		4.40E+01	1.77	1.00	3.18					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T06-A	1	4.18E+01		4.18E+01	7.35	1.00	3.18					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T07-A	1	2.76E+01		2.76E+01	10.96	1.00	3.18					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T08-A	1	4.13E+01		4.13E+01	5.43	1.00	3.18					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T09-A	1	3.71E+01		3.71E+01	5.55	1.00	3.18					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T01-B	1	1.55E+01		1.55E+01	3.24	1.00	3.18					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T02-B	1	2.41E+01		2.41E+01	2.81	1.00	3.18					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T03-B	1	3.71E+01		3.71E+01	1.56	1.00	3.18	10000	1000	9.47E+02	91%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T04-B	1	4.75E+01		4.75E+01	1.48	1.00	3.18					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T05-B	1	4.42E+01		4.42E+01	4.39	1.00	3.18					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T06-B	1	4.57E+01		4.57E+01	6.30	1.00	3.18					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T07-B	1	4.52E+01		4.52E+01	6.18	1.00	3.18					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T08-B	1	2.96E+01		2.96E+01	3.08	1.00	3.18					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T09-B	1	3.96E+01		3.96E+01	2.11	1.00	3.18					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T01-C	1	1.62E+01		1.62E+01	9.72	1.00	3.18					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T02-C	1	2.31E+01		2.31E+01	1.70	1.00	3.18					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T03-C	1	2.91E+01		2.91E+01	8.85	1.00	3.18	10000	1000	9.65E+02	94%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T04-C	1	3.42E+01		3.42E+01	3.01	1.00	3.18					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T05-C	1	4.34E+01		4.34E+01	6.22	1.00	3.18					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T06-C	1	3.84E+01		3.84E+01	0.84	1.00	3.18					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T07-C	1	4.52E+01		4.52E+01	4.73	1.00	3.18					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T08-C	1	2.83E+01		2.83E+01	6.84	1.00	3.18					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-T09-C	1	4.16E+01		4.16E+01	6.66	1.00	3.18					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	11.60	1.00	3.18					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.68	1.00	3.18					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	7.69	1.00	3.18					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	5.24	1.00	3.18					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	2.57	1.00	3.18					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	4.76	1.00	3.18					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	6.03	1.00	3.18					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	10.13	1.00	3.18					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Al	CFS-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	9.39	1.00	3.18					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-L11-1315-T01-A	1	8.40E+00	E	8.40E+00	8.49	7.50	23.90					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T02-A	1	9.30E+00	E	9.30E+00	18.65	7.50	23.90					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T03-A	1	9.45E+00	E	9.45E+00	20.08	7.50	23.90	10000	1000	9.09E+02	90%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T04-A	1	1.10E+01	E	1.10E+01	26.72	7.50	23.90					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T05-A	1	1.27E+01	E	1.27E+01	14.49	7.50	23.90					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T06-A	1	1.11E+01	E	1.11E+01	5.34	7.50	23.90					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T07-A	1	8.68E+00	E	8.68E+00	3.31	7.50	23.90					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T08-A	1	7.94E+00	E	7.94E+00	2.84	7.50	23.90					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T09-A	1	7.85E+00	E	7.85E+00	13.03	7.50	23.90					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T01-B	1	9.23E+00	E	9.23E+00	16.50	7.50	23.90					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T02-B	1	9.43E+00	E	9.43E+00	28.01	7.50	23.90					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T03-B	1	1.08E+01	E	1.08E+01	9.40	7.50	23.90	10000	1000	9.43E+02	93%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T04-B	1	1.30E+01	E	1.30E+01	5.36	7.50	23.90					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T05-B	1	1.24E+01	E	1.24E+01	7.97	7.50	23.90					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T06-B	1	1.01E+01	E	1.01E+01	11.76	7.50	23.90					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T07-B	1	8.35E+00	E	8.35E+00	14.24	7.50	23.90					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T08-B	1	8.53E+00	E	8.53E+00	19.33	7.50	23.90					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T09-B	1	7.73E+00	E	7.73E+00	2.55	7.50	23.90					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T01-C	1	9.16E+00	E	9.16E+00	9.58	7.50	23.90					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T02-C	1	9.46E+00	E	9.46E+00	6.49	7.50	23.90					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T03-C	1	1.04E+01	E	1.04E+01	10.65	7.50	23.90	10000	1000	9.52E+02	94%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T04-C	1	1.15E+01	E	1.15E+01	4.56	7.50	23.90					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T05-C	1	1.21E+01	E	1.21E+01	10.34	7.50	23.90					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T06-C	1	1.50E+01	E	1.50E+01	16.25	7.50	23.90					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T07-C	1	1.40E+01	E	1.40E+01	20.26	7.50	23.90					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T08-C	1	8.76E+00	E	8.76E+00	6.14	7.50	23.90					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-T09-C	1	8.47E+00	E	8.47E+00	11.91	7.50	23.90					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	32.71	7.50	23.90					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	30.32	7.50	23.90					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	8.74	7.50	23.90					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	9.51	7.50	23.90					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	23.42	7.50	23.90					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	18.87	7.50	23.90					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	5.98	7.50	23.90					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	24.42	7.50	23.90					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Sb	CFS-L11-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	10.89	7.50	23.90					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-L11-1315-T01-A	1	5.50E+00	U1/2	5.50E+00	51.92	11.00	35.00					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T02-A	1	1.15E+01	E	1.15E+01	38.08	11.00	35.00					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T03-A	1	1.25E+01	E	1.25E+01	17.75	11.00	35.00	10000	1000	8.68E+02	86%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T04-A	1	1.61E+01	E	1.61E+01	14.74	11.00	35.00					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T05-A	1	1.53E+01	E	1.53E+01	31.94	11.00	35.00					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T06-A	1	1.27E+01	E	1.27E+01	14.08	11.00	35.00					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T07-A	1	1.48E+01	E	1.48E+01	10.80	11.00	35.00					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T08-A	1	1.15E+01	E	1.15E+01	20.74	11.00	35.00					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T09-A	1	5.50E+00	U1/2	5.50E+00	14.63	11.00	35.00					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T01-B	1	5.50E+00	U1/2	5.50E+00	53.18	11.00	35.00					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T02-B	1	1.18E+01	E	1.18E+01	21.10	11.00	35.00					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T03-B	1	1.13E+01	E	1.13E+01	32.61	11.00	35.00	10000	1000	8.58E+02	85%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T04-B	1	1.42E+01	E	1.42E+01	2.58	11.00	35.00					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T05-B	1	1.44E+01	E	1.44E+01	27.85	11.00	35.00					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T06-B	1	1.78E+01	E	1.78E+01	14.11	11.00	35.00					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T07-B	1	1.55E+01	E	1.55E+01	28.58	11.00	35.00					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T08-B	1	1.44E+01	E	1.44E+01	35.63	11.00	35.00					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T09-B	1	5.50E+00	U1/2	5.50E+00	30.17	11.00	35.00					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T01-C	1	5.50E+00	U1/2	5.50E+00	32.52	11.00	35.00					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T02-C	1	1.24E+01	E	1.24E+01	29.25	11.00	35.00					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T03-C	1	1.37E+01	E	1.37E+01	33.01	11.00	35.00	10000	1000	9.31E+02	92%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T04-C	1	1.41E+01	E	1.41E+01	35.68	11.00	35.00					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T05-C	1	1.11E+01	E	1.11E+01	20.94	11.00	35.00					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T06-C	1	1.25E+01	E	1.25E+01	27.06	11.00	35.00					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T07-C	1	1.54E+01	E	1.54E+01	33.22	11.00	35.00					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T08-C	1	1.31E+01	E	1.31E+01	13.76	11.00	35.00					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-T09-C	1	5.50E+00	U1/2	5.50E+00	8.88	11.00	35.00					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	21.22	11.00	35.00					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	27.49	11.00	35.00					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	44.02	11.00	35.00					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	19.61	11.00	35.00					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	15.22	11.00	35.00					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	31.46	11.00	35.00					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	21.49	11.00	35.00					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	56.35	11.00	35.00					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
As	CFS-L11-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	32.73	11.00	35.00					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-L11-1315-T01-A	1	1.84E+01		1.84E+01	4.16	1.00	3.18					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T02-A	1	4.48E+01		4.48E+01	1.32	1.00	3.18					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T03-A	1	3.57E+01		3.57E+01	2.14	1.00	3.18	10000	1000	9.65E+02	93%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T04-A	1	1.08E+02		1.08E+02	2.39	1.00	3.18					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T05-A	1	1.15E+02		1.15E+02	1.59	1.00	3.18					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T06-A	1	1.20E+02		1.20E+02	3.98	1.00	3.18					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T07-A	1	1.73E+02		1.73E+02	1.55	1.00	3.18					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T08-A	1	1.05E+02		1.05E+02	4.33	1.00	3.18					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T09-A	1	1.13E+02		1.13E+02	1.32	1.00	3.18					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T01-B	1	1.48E+01		1.48E+01	1.77	1.00	3.18					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T02-B	1	4.41E+01		4.41E+01	1.97	1.00	3.18					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T03-B	1	3.46E+01		3.46E+01	1.35	1.00	3.18	10000	1000	9.76E+02	94%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T04-B	1	1.00E+02		1.00E+02	2.97	1.00	3.18					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T05-B	1	1.17E+02		1.17E+02	3.98	1.00	3.18					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T06-B	1	1.20E+02		1.20E+02	1.28	1.00	3.18					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T07-B	1	1.91E+02		1.91E+02	2.20	1.00	3.18					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T08-B	1	9.81E+01		9.81E+01	3.21	1.00	3.18					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T09-B	1	1.09E+02		1.09E+02	2.64	1.00	3.18					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T01-C	1	1.74E+01		1.74E+01	1.49	1.00	3.18					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T02-C	1	3.64E+01		3.64E+01	2.22	1.00	3.18					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T03-C	1	3.63E+01		3.63E+01	0.33	1.00	3.18	10000	1000	9.39E+02	90%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T04-C	1	1.04E+02		1.04E+02	3.15	1.00	3.18					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T05-C	1	1.18E+02		1.18E+02	5.35	1.00	3.18					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T06-C	1	1.28E+02		1.28E+02	3.89	1.00	3.18					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T07-C	1	1.74E+02		1.74E+02	1.46	1.00	3.18					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T08-C	1	9.69E+01		9.69E+01	0.61	1.00	3.18					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-T09-C	1	1.05E+02		1.05E+02	1.58	1.00	3.18					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	2.13	1.00	3.18					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	2.30	1.00	3.18					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.21	1.00	3.18					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.88	1.00	3.18					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.23	1.00	3.18					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	4.20	1.00	3.18					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	0.35	1.00	3.18					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.11	1.00	3.18					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
B	CFS-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	0.58	1.00	3.18					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-L11-1315-T01-A	1	1.70E+01		1.70E+01	2.46	1.00	3.18					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T02-A	1	1.60E+01		1.60E+01	2.32	1.00	3.18					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T03-A	1	2.45E+01		2.45E+01	1.14	1.00	3.18	10000	1000	9.34E+02	91%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T04-A	1	3.02E+01		3.02E+01	13.95	1.00	3.18					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T05-A	1	3.24E+01		3.24E+01	8.59	1.00	3.18					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T06-A	1	3.17E+01		3.17E+01	3.98	1.00	3.18					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T07-A	1	2.97E+01		2.97E+01	1.55	1.00	3.18					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T08-A	1	2.24E+01		2.24E+01	4.33	1.00	3.18					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T09-A	1	3.17E+01		3.17E+01	1.32	1.00	3.18					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T01-B	1	1.75E+01		1.75E+01	1.77	1.00	3.18					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T02-B	1	1.79E+01		1.79E+01	1.97	1.00	3.18					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T03-B	1	2.44E+01		2.44E+01	1.35	1.00	3.18	10000	1000	9.63E+02	94%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T04-B	1	3.27E+01		3.27E+01	2.97	1.00	3.18					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T05-B	1	2.92E+01		2.92E+01	3.98	1.00	3.18					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T06-B	1	3.08E+01		3.08E+01	1.28	1.00	3.18					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T07-B	1	2.60E+01		2.60E+01	2.20	1.00	3.18					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T08-B	1	2.27E+01		2.27E+01	3.21	1.00	3.18					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T09-B	1	2.92E+01		2.92E+01	2.64	1.00	3.18					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T01-C	1	1.76E+01		1.76E+01	1.49	1.00	3.18					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T02-C	1	2.09E+01		2.09E+01	2.22	1.00	3.18					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T03-C	1	2.44E+01		2.44E+01	0.33	1.00	3.18	10000	1000	9.67E+02	94%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T04-C	1	2.81E+01		2.81E+01	3.15	1.00	3.18					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T05-C	1	3.17E+01		3.17E+01	5.35	1.00	3.18					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T06-C	1	2.93E+01		2.93E+01	3.89	1.00	3.18					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T07-C	1	2.61E+01		2.61E+01	1.46	1.00	3.18					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T08-C	1	2.35E+01		2.35E+01	0.61	1.00	3.18					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-T09-C	1	3.17E+01		3.17E+01	1.58	1.00	3.18					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	2.13	1.00	3.18					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	2.30	1.00	3.18					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.21	1.00	3.18					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.88	1.00	3.18					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	1.23	1.00	3.18					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	4.20	1.00	3.18					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	0.35	1.00	3.18					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.11	1.00	3.18					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Ba	CFS-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	0.58	1.00	3.18					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-L11-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	9.24	1.90	6.00					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	54.52	1.90	6.00					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	33.33	1.90	6.00	10000	1000	8.74E+02	87%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	11.90	1.90	6.00					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	51.00	1.90	6.00					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	37.12	1.90	6.00					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	16.23	1.90	6.00					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	5.96	1.90	6.00					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	24.23	1.90	6.00					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	42.07	1.90	6.00					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	12.11	1.90	6.00					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	23.50	1.90	6.00	10000	1000	8.73E+02	87%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	13.01	1.90	6.00					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	47.85	1.90	6.00					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	24.69	1.90	6.00					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	36.02	1.90	6.00					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	55.72	1.90	6.00					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	2.79	1.90	6.00					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	7.91	1.90	6.00					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	19.33	1.90	6.00					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	74.01	1.90	6.00	10000	1000	9.40E+02	94%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	33.43	1.90	6.00					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	29.83	1.90	6.00					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	44.14	1.90	6.00					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	38.26	1.90	6.00					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	34.35	1.90	6.00					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	61.64	1.90	6.00					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	36.56	1.90	6.00					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	28.55	1.90	6.00					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	43.19	1.90	6.00					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	69.72	1.90	6.00					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	55.25	1.90	6.00					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	30.29	1.90	6.00					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	18.62	1.90	6.00					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	10.37	1.90	6.00					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Be	CFS-L11-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	23.97	1.90	6.00					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-L11-1315-T01-A	1	5.32E+01		5.32E+01	1.64	2.20	7.00					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T02-A	1	2.58E+02		2.58E+02	2.35	2.20	7.00					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T03-A	1	2.29E+02		2.29E+02	1.64	2.20	7.00	10000	1000	1.25E+03	102%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T04-A	1	9.80E+02		9.80E+02	1.56	2.20	7.00					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T05-A	1	8.82E+02		8.82E+02	2.54	2.20	7.00					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T06-A	1	8.17E+02		8.17E+02	2.61	2.20	7.00					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T07-A	1	1.69E+03		1.69E+03	1.27	2.20	7.00					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T08-A	1	1.05E+03		1.05E+03	0.94	2.20	7.00					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T09-A	1	1.01E+03		1.01E+03	0.53	2.20	7.00					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T01-B	1	5.19E+01		5.19E+01	0.10	2.20	7.00					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T02-B	1	2.61E+02		2.61E+02	0.41	2.20	7.00					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T03-B	1	2.87E+02		2.87E+02	2.46	2.20	7.00	10000	1000	1.29E+03	100%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T04-B	1	9.07E+02		9.07E+02	0.69	2.20	7.00					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T05-B	1	1.08E+03		1.08E+03	1.43	2.20	7.00					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T06-B	1	9.11E+02		9.11E+02	1.41	2.20	7.00					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T07-B	1	1.73E+03		1.73E+03	0.98	2.20	7.00					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T08-B	1	6.82E+02		6.82E+02	1.04	2.20	7.00					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T09-B	1	1.07E+03		1.07E+03	2.24	2.20	7.00					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T01-C	1	3.28E+01		3.28E+01	0.36	2.20	7.00					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T02-C	1	2.04E+02		2.04E+02	0.44	2.20	7.00					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T03-C	1	2.36E+02		2.36E+02	0.97	2.20	7.00	10000	1000	1.26E+03	102%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T04-C	1	7.68E+02		7.68E+02	0.53	2.20	7.00					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T05-C	1	8.71E+02		8.71E+02	0.80	2.20	7.00					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T06-C	1	7.77E+02		7.77E+02	1.34	2.20	7.00					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T07-C	1	1.59E+03		1.59E+03	1.37	2.20	7.00					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T08-C	1	6.46E+02		6.46E+02	0.57	2.20	7.00					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-T09-C	1	9.47E+02		9.47E+02	1.33	2.20	7.00					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	0.53	2.20	7.00					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	0.84	2.20	7.00					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	0.81	2.20	7.00					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	1.47	2.20	7.00					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	0.87	2.20	7.00					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	0.77	2.20	7.00					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	0.81	2.20	7.00					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	1.24	2.20	7.00					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Cd	CFS-L11-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	0.41	2.20	7.00					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-L11-1315-T01-A	1	9.87E+03		9.87E+03	3.14	2.60	8.30					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T02-A	1	3.64E+04		3.64E+04	3.11	2.60	8.30					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T03-A	1	4.24E+04		4.24E+04	1.72	2.60	8.30	10000	1000	4.33E+04	91%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T04-A	1	8.55E+04		8.55E+04	2.29	2.60	8.30					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T05-A	1	8.13E+04		8.13E+04	4.12	2.60	8.30					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T06-A	1	7.61E+04		7.61E+04	0.81	2.60	8.30					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T07-A	1	1.50E+05		1.50E+05	1.56	2.60	8.30					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T08-A	1	6.51E+04		6.51E+04	0.74	2.60	8.30					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T09-A	1	1.03E+05		1.03E+05	0.79	2.60	8.30					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T01-B	1	9.89E+03		9.89E+03	0.22	2.60	8.30					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T02-B	1	3.35E+04		3.35E+04	0.19	2.60	8.30					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T03-B	1	4.25E+04		4.25E+04	2.28	2.60	8.30	10000	1000	4.35E+04	93%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T04-B	1	7.44E+04		7.44E+04	0.81	2.60	8.30					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T05-B	1	8.03E+04		8.03E+04	1.71	2.60	8.30					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T06-B	1	7.60E+04		7.60E+04	1.32	2.60	8.30					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T07-B	1	1.48E+05		1.48E+05	1.20	2.60	8.30					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T08-B	1	6.45E+04		6.45E+04	1.26	2.60	8.30					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T09-B	1	1.04E+05		1.04E+05	2.83	2.60	8.30					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T01-C	1	9.19E+03		9.19E+03	0.21	2.60	8.30					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T02-C	1	3.39E+04		3.39E+04	0.66	2.60	8.30					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T03-C	1	4.35E+04		4.35E+04	1.03	2.60	8.30	10000	1000	4.44E+04	90%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T04-C	1	7.06E+04		7.06E+04	0.33	2.60	8.30					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T05-C	1	8.18E+04		8.18E+04	1.06	2.60	8.30					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T06-C	1	7.71E+04		7.71E+04	1.29	2.60	8.30					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T07-C	1	1.57E+05		1.57E+05	1.51	2.60	8.30					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T08-C	1	6.82E+04		6.82E+04	0.60	2.60	8.30					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-T09-C	1	1.04E+05		1.04E+05	1.48	2.60	8.30					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-M01-A	1	3.11E+01		3.11E+01	0.39	2.60	8.30					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-M02-A	1	4.26E+01		4.26E+01	0.83	2.60	8.30					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-M03-A	1	4.58E+01		4.58E+01	0.90	2.60	8.30					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-M04-A	1	4.09E+01		4.09E+01	1.62	2.60	8.30					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-M05-A	1	2.34E+01		2.34E+01	0.78	2.60	8.30					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-M06-A	1	3.05E+01		3.05E+01	0.79	2.60	8.30					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-M07-A	1	2.88E+01		2.88E+01	0.92	2.60	8.30					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-M08-A	1	1.15E+01		1.15E+01	1.20	2.60	8.30					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Ca	CFS-L11-1315-M09-A	1	1.64E+01		1.64E+01	0.54	2.60	8.30					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-L11-1315-T01-A	1	6.00E-01	U1/2	6.00E-01	49.51	1.20	3.82					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T02-A	1	6.00E-01	U1/2	6.00E-01	78.57	1.20	3.82					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T03-A	1	6.00E-01	U1/2	6.00E-01	34.26	1.20	3.82	10000	1000	8.81E+02	88%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T04-A	1	6.00E-01	U1/2	6.00E-01	25.22	1.20	3.82					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T05-A	1	6.00E-01	U1/2	6.00E-01	34.19	1.20	3.82					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T06-A	1	6.00E-01	U1/2	6.00E-01	55.11	1.20	3.82					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T07-A	1	6.00E-01	U1/2	6.00E-01	62.58	1.20	3.82					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T08-A	1	6.00E-01	U1/2	6.00E-01	64.07	1.20	3.82					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T09-A	1	6.00E-01	U1/2	6.00E-01	29.55	1.20	3.82					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T01-B	1	6.00E-01	U1/2	6.00E-01	15.43	1.20	3.82					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T02-B	1	6.00E-01	U1/2	6.00E-01	31.79	1.20	3.82					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T03-B	1	6.00E-01	U1/2	6.00E-01	23.63	1.20	3.82	10000	1000	8.67E+02	87%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T04-B	1	6.00E-01	U1/2	6.00E-01	32.82	1.20	3.82					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T05-B	1	6.00E-01	U1/2	6.00E-01	33.34	1.20	3.82					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T06-B	1	6.00E-01	U1/2	6.00E-01	28.59	1.20	3.82					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T07-B	1	6.00E-01	U1/2	6.00E-01	33.27	1.20	3.82					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T08-B	1	6.00E-01	U1/2	6.00E-01	35.50	1.20	3.82					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T09-B	1	6.00E-01	U1/2	6.00E-01	3.46	1.20	3.82					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T01-C	1	6.00E-01	U1/2	6.00E-01	17.14	1.20	3.82					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T02-C	1	6.00E-01	U1/2	6.00E-01	24.58	1.20	3.82					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T03-C	1	6.00E-01	U1/2	6.00E-01	22.24	1.20	3.82	10000	1000	9.43E+02	94%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T04-C	1	6.00E-01	U1/2	6.00E-01	43.89	1.20	3.82					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T05-C	1	6.00E-01	U1/2	6.00E-01	51.83	1.20	3.82					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T06-C	1	6.00E-01	U1/2	6.00E-01	29.19	1.20	3.82					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T07-C	1	6.00E-01	U1/2	6.00E-01	16.53	1.20	3.82					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T08-C	1	6.00E-01	U1/2	6.00E-01	73.21	1.20	3.82					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-T09-C	1	6.00E-01	U1/2	6.00E-01	25.17	1.20	3.82					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	12.23	1.20	3.82					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	40.77	1.20	3.82					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	33.32	1.20	3.82					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	39.51	1.20	3.82					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	89.13	1.20	3.82					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	52.30	1.20	3.82					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	75.58	1.20	3.82					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	47.45	1.20	3.82					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Cr	CFS-L11-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	48.73	1.20	3.82					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-L11-1315-T01-A	1	2.25E+00	E	2.25E+00	4.70	1.80	5.72					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T02-A	1	7.17E+00		7.17E+00	3.86	1.80	5.72					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T03-A	1	8.91E+00		8.91E+00	2.62	1.80	5.72	10000	1000	8.84E+02	88%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T04-A	1	3.01E+01		3.01E+01	4.35	1.80	5.72					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T05-A	1	2.69E+01		2.69E+01	9.20	1.80	5.72					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T06-A	1	2.66E+01		2.66E+01	3.95	1.80	5.72					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T07-A	1	5.32E+01		5.32E+01	13.58	1.80	5.72					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T08-A	1	3.51E+01		3.51E+01	4.84	1.80	5.72					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T09-A	1	3.34E+01		3.34E+01	2.30	1.80	5.72					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T01-B	1	2.58E+00	E	2.58E+00	6.41	1.80	5.72					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T02-B	1	7.61E+00		7.61E+00	9.98	1.80	5.72					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T03-B	1	8.66E+00		8.66E+00	3.44	1.80	5.72	10000	1000	8.74E+02	87%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T04-B	1	3.01E+01		3.01E+01	2.91	1.80	5.72					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T05-B	1	3.66E+01		3.66E+01	4.13	1.80	5.72					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T06-B	1	3.21E+01		3.21E+01	0.25	1.80	5.72					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T07-B	1	6.37E+01		6.37E+01	4.55	1.80	5.72					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T08-B	1	2.53E+01		2.53E+01	2.35	1.80	5.72					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T09-B	1	3.88E+01		3.88E+01	3.42	1.80	5.72					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T01-C	1	2.06E+00	E	2.06E+00	29.32	1.80	5.72					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T02-C	1	5.03E+00	E	5.03E+00	9.64	1.80	5.72					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T03-C	1	6.15E+00		6.15E+00	2.74	1.80	5.72	10000	1000	9.47E+02	94%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T04-C	1	2.18E+01		2.18E+01	1.84	1.80	5.72					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T05-C	1	2.51E+01		2.51E+01	2.29	1.80	5.72					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T06-C	1	2.26E+01		2.26E+01	2.39	1.80	5.72					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T07-C	1	5.00E+01		5.00E+01	3.30	1.80	5.72					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T08-C	1	2.11E+01		2.11E+01	1.88	1.80	5.72					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-T09-C	1	3.17E+01		3.17E+01	4.63	1.80	5.72					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	37.67	1.80	5.72					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	5.45	1.80	5.72					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	14.35	1.80	5.72					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	5.66	1.80	5.72					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	1.09	1.80	5.72					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	2.79	1.80	5.72					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	1.48	1.80	5.72					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	3.10	1.80	5.72					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Co	CFS-L11-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	3.38	1.80	5.72					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-L11-1315-T01-A	1	1.72E+02		1.72E+02	4.54	3.70	11.80					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T02-A	1	1.65E+02		1.65E+02	3.86	3.70	11.80					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T03-A	1	1.50E+02		1.50E+02	5.15	3.70	11.80	10000	1000	1.03E+03	88%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T04-A	1	3.33E+02		3.33E+02	2.47	3.70	11.80					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T05-A	1	3.56E+02		3.56E+02	4.97	3.70	11.80					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T06-A	1	4.96E+02		4.96E+02	1.40	3.70	11.80					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T07-A	1	8.55E+02		8.55E+02	2.27	3.70	11.80					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T08-A	1	3.27E+02		3.27E+02	5.58	3.70	11.80					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T09-A	1	5.75E+02		5.75E+02	0.86	3.70	11.80					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T01-B	1	1.28E+02		1.28E+02	2.85	3.70	11.80					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T02-B	1	1.85E+02		1.85E+02	1.98	3.70	11.80					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T03-B	1	1.46E+02		1.46E+02	2.25	3.70	11.80	10000	1000	1.05E+03	90%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T04-B	1	3.02E+02		3.02E+02	0.97	3.70	11.80					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T05-B	1	3.71E+02		3.71E+02	1.48	3.70	11.80					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T06-B	1	4.87E+02		4.87E+02	1.56	3.70	11.80					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T07-B	1	8.68E+02		8.68E+02	0.83	3.70	11.80					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T08-B	1	3.27E+02		3.27E+02	1.07	3.70	11.80					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T09-B	1	5.62E+02		5.62E+02	14.72	3.70	11.80					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T01-C	1	1.16E+02		1.16E+02	0.39	3.70	11.80					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T02-C	1	1.54E+02		1.54E+02	1.46	3.70	11.80					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T03-C	1	1.28E+02		1.28E+02	1.65	3.70	11.80	10000	1000	1.09E+03	96%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T04-C	1	3.21E+02		3.21E+02	1.12	3.70	11.80					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T05-C	1	3.85E+02		3.85E+02	1.39	3.70	11.80					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T06-C	1	4.84E+02		4.84E+02	1.20	3.70	11.80					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T07-C	1	8.72E+02		8.72E+02	1.15	3.70	11.80					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T08-C	1	3.20E+02		3.20E+02	0.85	3.70	11.80					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-T09-C	1	5.39E+02		5.39E+02	1.82	3.70	11.80					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	1.21	3.70	11.80					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	0.65	3.70	11.80					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	0.94	3.70	11.80					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	1.79	3.70	11.80					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	0.64	3.70	11.80					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	0.88	3.70	11.80					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	0.73	3.70	11.80					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	0.56	3.70	11.80					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Cu	CFS-L11-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	1.60	3.70	11.80					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-L11-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	2.78	2.00	6.40					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	30.28	2.00	6.40					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	18.50	2.00	6.40	10000	1000	9.14E+02	91%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	11.33	2.00	6.40					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	5.56	2.00	6.40					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	11.11	2.00	6.40					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	10.22	2.00	6.40					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	17.39	2.00	6.40					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	3.87	2.00	6.40					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	1.41	2.00	6.40					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	11.02	2.00	6.40					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	1.02	2.00	6.40	10000	1000	8.89E+02	89%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	25.14	2.00	6.40					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	11.16	2.00	6.40					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	6.50	2.00	6.40					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	2.78	2.00	6.40					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	17.78	2.00	6.40					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	3.28	2.00	6.40					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	11.98	2.00	6.40					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	12.95	2.00	6.40					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	19.96	2.00	6.40	10000	1000	9.71E+02	97%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	13.08	2.00	6.40					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	9.17	2.00	6.40					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	5.63	2.00	6.40					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	5.79	2.00	6.40					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	18.63	2.00	6.40					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	15.87	2.00	6.40					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	28.26	2.00	6.40					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	18.17	2.00	6.40					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	8.76	2.00	6.40					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	33.63	2.00	6.40					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	5.35	2.00	6.40					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	11.13	2.00	6.40					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	18.82	2.00	6.40					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	10.77	2.00	6.40					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Fe	CFS-L11-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	22.84	2.00	6.40					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-L11-1315-T01-A	1	4.94E+01		4.94E+01	1.24	6.80	21.60					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T02-A	1	8.61E+01		8.61E+01	3.38	6.80	21.60					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T03-A	1	1.14E+02		1.14E+02	5.42	6.80	21.60	10000	1000	1.07E+03	96%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T04-A	1	2.69E+02		2.69E+02	1.85	6.80	21.60					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T05-A	1	2.68E+02		2.68E+02	1.35	6.80	21.60					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T06-A	1	3.53E+02		3.53E+02	2.63	6.80	21.60					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T07-A	1	4.48E+02		4.48E+02	6.58	6.80	21.60					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T08-A	1	2.37E+02		2.37E+02	2.31	6.80	21.60					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T09-A	1	3.31E+02		3.31E+02	2.54	6.80	21.60					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T01-B	1	5.56E+01		5.56E+01	2.29	6.80	21.60					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T02-B	1	8.76E+01		8.76E+01	2.74	6.80	21.60					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T03-B	1	1.03E+02		1.03E+02	3.54	6.80	21.60	10000	1000	1.06E+03	96%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T04-B	1	2.57E+02		2.57E+02	1.35	6.80	21.60					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T05-B	1	2.60E+02		2.60E+02	1.26	6.80	21.60					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T06-B	1	3.42E+02		3.42E+02	2.48	6.80	21.60					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T07-B	1	4.34E+02		4.34E+02	1.37	6.80	21.60					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T08-B	1	2.14E+02		2.14E+02	1.24	6.80	21.60					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T09-B	1	3.22E+02		3.22E+02	2.02	6.80	21.60					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T01-C	1	5.48E+01		5.48E+01	1.67	6.80	21.60					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T02-C	1	8.73E+01		8.73E+01	1.68	6.80	21.60					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T03-C	1	1.13E+02		1.13E+02	0.92	6.80	21.60	10000	1000	1.05E+03	94%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T04-C	1	2.39E+02		2.39E+02	1.20	6.80	21.60					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T05-C	1	2.70E+02		2.70E+02	3.24	6.80	21.60					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T06-C	1	3.36E+02		3.36E+02	1.25	6.80	21.60					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T07-C	1	4.37E+02		4.37E+02	1.78	6.80	21.60					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T08-C	1	2.33E+02		2.33E+02	0.80	6.80	21.60					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-T09-C	1	3.19E+02		3.19E+02	1.21	6.80	21.60					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	2.12	6.80	21.60					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	3.35	6.80	21.60					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	4.95	6.80	21.60					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	3.08	6.80	21.60					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	1.92	6.80	21.60					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	1.68	6.80	21.60					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	0.20	6.80	21.60					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	1.62	6.80	21.60					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Pb	CFS-L11-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	0.78	6.80	21.60					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-L11-1315-T01-A	1	3.38E+00	E	3.38E+00	13.34	1.90	6.00					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T02-A	1	2.17E+00	E	2.17E+00	17.00	1.90	6.00					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T03-A	1	3.32E+00	E	3.32E+00	12.52	1.90	6.00	10000	1000	8.82E+02	88%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T04-A	1	4.44E+00	E	4.44E+00	31.53	1.90	6.00					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T05-A	1	6.25E+00		6.25E+00	1.52	1.90	6.00					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T06-A	1	5.72E+00	E	5.72E+00	14.16	1.90	6.00					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T07-A	1	5.45E+00	E	5.45E+00	17.32	1.90	6.00					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T08-A	1	6.47E+00		6.47E+00	5.81	1.90	6.00					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T09-A	1	7.97E+00		7.97E+00	98.51	1.90	6.00					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T01-B	1	1.98E+00	E	1.98E+00	36.02	1.90	6.00					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T02-B	1	2.17E+00	E	2.17E+00	29.14	1.90	6.00					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T03-B	1	2.35E+00	E	2.35E+00	12.83	1.90	6.00	10000	1000	8.79E+02	88%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T04-B	1	4.25E+00	E	4.25E+00	16.31	1.90	6.00					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T05-B	1	5.36E+00	E	5.36E+00	19.27	1.90	6.00					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T06-B	1	6.65E+00		6.65E+00	17.54	1.90	6.00					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T07-B	1	4.24E+00	E	4.24E+00	18.58	1.90	6.00					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T08-B	1	5.09E+00	E	5.09E+00	16.86	1.90	6.00					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T09-B	1	7.13E+00		7.13E+00	3.43	1.90	6.00					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T01-C	1	2.23E+00	E	2.23E+00	24.09	1.90	6.00					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T02-C	1	2.54E+00	E	2.54E+00	63.92	1.90	6.00					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T03-C	1	3.82E+00	E	3.82E+00	28.88	1.90	6.00	10000	1000	9.39E+02	94%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T04-C	1	4.94E+00	E	4.94E+00	19.76	1.90	6.00					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T05-C	1	5.00E+00	E	5.00E+00	32.09	1.90	6.00					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T06-C	1	5.42E+00	E	5.42E+00	34.58	1.90	6.00					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T07-C	1	5.14E+00	E	5.14E+00	37.31	1.90	6.00					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T08-C	1	6.20E+00		6.20E+00	12.28	1.90	6.00					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-T09-C	1	6.21E+00		6.21E+00	3.45	1.90	6.00					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	10.98	1.90	6.00					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	24.40	1.90	6.00					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	47.15	1.90	6.00					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	32.15	1.90	6.00					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	18.70	1.90	6.00					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	31.38	1.90	6.00					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	36.90	1.90	6.00					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	16.34	1.90	6.00					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Li	CFS-L11-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	28.57	1.90	6.00					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-L11-1315-T01-A	1	4.34E+01		4.34E+01	1.46	2.00	6.40					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T02-A	1	1.96E+02		1.96E+02	3.18	2.00	6.40					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T03-A	1	2.18E+02		2.18E+02	7.25	2.00	6.40	10000	1000	1.10E+03	88%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T04-A	1	6.50E+02		6.50E+02	1.16	2.00	6.40					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T05-A	1	8.07E+02		8.07E+02	4.53	2.00	6.40					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T06-A	1	1.18E+03		1.18E+03	4.36	2.00	6.40					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T07-A	1	1.57E+03		1.57E+03	1.16	2.00	6.40					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T08-A	1	9.15E+02		9.15E+02	7.70	2.00	6.40					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T09-A	1	1.32E+03		1.32E+03	0.52	2.00	6.40					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T01-B	1	4.34E+01		4.34E+01	0.48	2.00	6.40					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T02-B	1	1.96E+02		1.96E+02	1.07	2.00	6.40					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T03-B	1	2.18E+02		2.18E+02	0.82	2.00	6.40	10000	1000	1.12E+03	90%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T04-B	1	6.51E+02		6.51E+02	0.84	2.00	6.40					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T05-B	1	8.22E+02		8.22E+02	0.99	2.00	6.40					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T06-B	1	1.22E+03		1.22E+03	0.62	2.00	6.40					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T07-B	1	1.57E+03		1.57E+03	1.05	2.00	6.40					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T08-B	1	9.36E+02		9.36E+02	0.96	2.00	6.40					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T09-B	1	1.21E+03		1.21E+03	2.55	2.00	6.40					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T01-C	1	4.19E+01		4.19E+01	0.25	2.00	6.40					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T02-C	1	2.08E+02		2.08E+02	1.55	2.00	6.40					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T03-C	1	2.32E+02		2.32E+02	0.79	2.00	6.40	10000	1000	1.19E+03	95%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T04-C	1	6.55E+02		6.55E+02	1.31	2.00	6.40					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T05-C	1	8.27E+02		8.27E+02	0.86	2.00	6.40					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T06-C	1	1.12E+03		1.12E+03	1.04	2.00	6.40					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T07-C	1	1.46E+03		1.46E+03	1.12	2.00	6.40					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T08-C	1	9.27E+02		9.27E+02	0.88	2.00	6.40					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-T09-C	1	1.31E+03		1.31E+03	1.54	2.00	6.40					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	0.87	2.00	6.40					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	0.59	2.00	6.40					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	1.65	2.00	6.40					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	0.39	2.00	6.40					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	1.08	2.00	6.40					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	0.82	2.00	6.40					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	1.16	2.00	6.40					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	1.08	2.00	6.40					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Mn	CFS-L11-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	0.35	2.00	6.40					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-L11-1315-T01-A	1	3.89E+03		3.89E+03	2.95	1.00	3.18					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T02-A	1	1.65E+04		1.65E+04	2.05	1.00	3.18					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T03-A	1	1.91E+04		1.91E+04	3.69	1.00	3.18	10000	1000	2.00E+04	89%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T04-A	1	5.16E+04		5.16E+04	2.30	1.00	3.18					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T05-A	1	6.69E+04		6.69E+04	2.28	1.00	3.18					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T06-A	1	9.22E+04		9.22E+04	8.00	1.00	3.18					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T07-A	1	1.04E+05		1.04E+05	1.15	1.00	3.18					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T08-A	1	5.76E+04		5.76E+04	4.79	1.00	3.18					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T09-A	1	5.86E+04		5.86E+04	1.03	1.00	3.18					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T01-B	1	3.34E+03		3.34E+03	0.11	1.00	3.18					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T02-B	1	1.46E+04		1.46E+04	0.40	1.00	3.18					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T03-B	1	2.23E+04		2.23E+04	2.11	1.00	3.18	10000	1000	2.32E+04	88%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T04-B	1	5.44E+04		5.44E+04	1.06	1.00	3.18					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T05-B	1	6.91E+04		6.91E+04	1.41	1.00	3.18					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T06-B	1	9.15E+04		9.15E+04	1.50	1.00	3.18					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T07-B	1	1.12E+05		1.12E+05	1.56	1.00	3.18					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T08-B	1	5.20E+04		5.20E+04	0.86	1.00	3.18					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T09-B	1	6.21E+04		6.21E+04	2.17	1.00	3.18					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T01-C	1	3.85E+03		3.85E+03	1.33	1.00	3.18					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T02-C	1	1.75E+04		1.75E+04	1.30	1.00	3.18					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T03-C	1	2.02E+04		2.02E+04	1.36	1.00	3.18	10000	1000	2.11E+04	92%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T04-C	1	5.01E+04		5.01E+04	0.56	1.00	3.18					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T05-C	1	7.05E+04		7.05E+04	1.14	1.00	3.18					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T06-C	1	9.54E+04		9.54E+04	0.97	1.00	3.18					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T07-C	1	1.03E+05		1.03E+05	0.92	1.00	3.18					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T08-C	1	4.90E+04		4.90E+04	1.22	1.00	3.18					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-T09-C	1	5.64E+04		5.64E+04	0.84	1.00	3.18					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-M01-A	1	2.58E+00	E	2.58E+00	0.40	1.00	3.18					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	0.79	1.00	3.18					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	0.85	1.00	3.18					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.45	1.00	3.18					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	0.62	1.00	3.18					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	1.01	1.00	3.18					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.04	1.00	3.18					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.16	1.00	3.18					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Mg	CFS-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	0.12	1.00	3.18					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-L11-1315-T01-A	1	1.93E+00	E	1.93E+00	36.67	1.20	3.82					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T02-A	1	1.73E+00	E	1.73E+00	16.09	1.20	3.82					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T03-A	1	1.88E+00	E	1.88E+00	39.76	1.20	3.82	10000	1000	8.76E+02	87%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T04-A	1	2.43E+00	E	2.43E+00	25.93	1.20	3.82					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T05-A	1	2.55E+00	E	2.55E+00	13.62	1.20	3.82					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T06-A	1	3.42E+00	E	3.42E+00	14.80	1.20	3.82					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T07-A	1	1.93E+00	E	1.93E+00	21.85	1.20	3.82					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T08-A	1	2.43E+00	E	2.43E+00	30.27	1.20	3.82					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T09-A	1	1.79E+00	E	1.79E+00	22.34	1.20	3.82					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T01-B	1	2.43E+00	E	2.43E+00	29.70	1.20	3.82					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T02-B	1	2.43E+00	E	2.43E+00	15.24	1.20	3.82					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T03-B	1	1.90E+00	E	1.90E+00	31.63	1.20	3.82	10000	1000	8.54E+02	85%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T04-B	1	3.08E+00	E	3.08E+00	22.55	1.20	3.82					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T05-B	1	2.88E+00	E	2.88E+00	27.18	1.20	3.82					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T06-B	1	3.45E+00	E	3.45E+00	12.21	1.20	3.82					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T07-B	1	1.71E+00	E	1.71E+00	20.86	1.20	3.82					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T08-B	1	1.63E+00	E	1.63E+00	18.54	1.20	3.82					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T09-B	1	1.98E+00	E	1.98E+00	2.22	1.20	3.82					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T01-C	1	1.54E+00	E	1.54E+00	29.71	1.20	3.82					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T02-C	1	1.29E+00	E	1.29E+00	4.44	1.20	3.82					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T03-C	1	1.99E+00	E	1.99E+00	17.13	1.20	3.82	10000	1000	9.38E+02	94%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T04-C	1	2.26E+00	E	2.26E+00	26.25	1.20	3.82					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T05-C	1	1.86E+00	E	1.86E+00	8.14	1.20	3.82					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T06-C	1	3.85E+00		3.85E+00	3.54	1.20	3.82					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T07-C	1	1.88E+00	E	1.88E+00	10.53	1.20	3.82					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T08-C	1	2.43E+00	E	2.43E+00	18.80	1.20	3.82					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-T09-C	1	1.76E+00	E	1.76E+00	26.61	1.20	3.82					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	40.91	1.20	3.82					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	50.69	1.20	3.82					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	66.23	1.20	3.82					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	38.92	1.20	3.82					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	24.01	1.20	3.82					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	44.70	1.20	3.82					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	19.50	1.20	3.82					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	31.88	1.20	3.82					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Mo	CFS-L11-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	25.50	1.20	3.82					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-L11-1315-T01-A	1	5.82E+00		5.82E+00	4.93	1.80	5.70					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T02-A	1	1.28E+01		1.28E+01	4.21	1.80	5.70					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T03-A	1	1.43E+01		1.43E+01	4.83	1.80	5.70	10000	1000	8.76E+02	86%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T04-A	1	5.39E+01		5.39E+01	10.87	1.80	5.70					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T05-A	1	4.83E+01		4.83E+01	3.04	1.80	5.70					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T06-A	1	4.63E+01		4.63E+01	3.24	1.80	5.70					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T07-A	1	8.86E+01		8.86E+01	3.76	1.80	5.70					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T08-A	1	5.74E+01		5.74E+01	1.30	1.80	5.70					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T09-A	1	5.06E+01		5.06E+01	2.13	1.80	5.70					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T01-B	1	5.58E+00	E	5.58E+00	9.41	1.80	5.70					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T02-B	1	1.52E+01		1.52E+01	1.95	1.80	5.70					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T03-B	1	1.67E+01		1.67E+01	1.27	1.80	5.70	10000	1000	8.69E+02	85%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T04-B	1	5.41E+01		5.41E+01	4.64	1.80	5.70					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T05-B	1	6.71E+01		6.71E+01	5.31	1.80	5.70					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T06-B	1	5.80E+01		5.80E+01	1.37	1.80	5.70					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T07-B	1	8.86E+01		8.86E+01	1.12	1.80	5.70					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T08-B	1	4.21E+01		4.21E+01	2.68	1.80	5.70					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T09-B	1	6.32E+01		6.32E+01	2.00	1.80	5.70					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T01-C	1	3.89E+00	E	3.89E+00	7.68	1.80	5.70					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T02-C	1	1.03E+01		1.03E+01	11.65	1.80	5.70					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T03-C	1	1.35E+01		1.35E+01	3.61	1.80	5.70	10000	1000	9.44E+02	93%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T04-C	1	3.74E+01		3.74E+01	2.68	1.80	5.70					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T05-C	1	4.61E+01		4.61E+01	2.62	1.80	5.70					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T06-C	1	4.09E+01		4.09E+01	1.89	1.80	5.70					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T07-C	1	8.73E+01		8.73E+01	1.90	1.80	5.70					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T08-C	1	3.28E+01		3.28E+01	2.78	1.80	5.70					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-T09-C	1	4.98E+01		4.98E+01	3.08	1.80	5.70					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	5.62	1.80	5.70					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	13.03	1.80	5.70					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	4.74	1.80	5.70					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	2.76	1.80	5.70					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	4.97	1.80	5.70					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	2.35	1.80	5.70					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	1.20	1.80	5.70					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	3.88	1.80	5.70					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Ni	CFS-L11-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	0.48	1.80	5.70					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-L11-1315-T01-A	1	5.62E+00	E	5.62E+00	6.39	3.70	11.80					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T02-A	1	1.09E+01	E	1.09E+01	3.72	3.70	11.80					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T03-A	1	1.25E+01		1.25E+01	9.19	3.70	11.80	10000	1000	8.54E+02	84%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T04-A	1	1.13E+01	E	1.13E+01	12.71	3.70	11.80					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T05-A	1	1.04E+01	E	1.04E+01	21.94	3.70	11.80					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T06-A	1	1.04E+01	E	1.04E+01	2.29	3.70	11.80					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T07-A	1	5.12E+00	E	5.12E+00	32.85	3.70	11.80					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T08-A	1	4.62E+00	E	4.62E+00	18.43	3.70	11.80					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T09-A	1	4.45E+00	E	4.45E+00	4.78	3.70	11.80					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T01-B	1	6.90E+00	E	6.90E+00	12.91	3.70	11.80					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T02-B	1	9.81E+00	E	9.81E+00	31.17	3.70	11.80					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T03-B	1	8.98E+00	E	8.98E+00	31.64	3.70	11.80	10000	1000	8.39E+02	83%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T04-B	1	1.16E+01	E	1.16E+01	3.03	3.70	11.80					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T05-B	1	1.22E+01		1.22E+01	4.37	3.70	11.80					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T06-B	1	8.98E+00	E	8.98E+00	14.84	3.70	11.80					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T07-B	1	8.62E+00	E	8.62E+00	10.29	3.70	11.80					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T08-B	1	7.97E+00	E	7.97E+00	16.31	3.70	11.80					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T09-B	1	4.50E+00	E	4.50E+00	3.55	3.70	11.80					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T01-C	1	5.08E+00	E	5.08E+00	28.38	3.70	11.80					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T02-C	1	9.47E+00	E	9.47E+00	12.82	3.70	11.80					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T03-C	1	1.07E+01	E	1.07E+01	21.74	3.70	11.80	10000	1000	9.04E+02	89%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T04-C	1	1.03E+01	E	1.03E+01	33.67	3.70	11.80					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T05-C	1	1.14E+01	E	1.14E+01	29.69	3.70	11.80					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T06-C	1	1.08E+01	E	1.08E+01	9.85	3.70	11.80					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T07-C	1	9.38E+00	E	9.38E+00	22.55	3.70	11.80					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T08-C	1	7.14E+00	E	7.14E+00	14.91	3.70	11.80					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-T09-C	1	4.20E+00	E	4.20E+00	18.38	3.70	11.80					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	13.52	3.70	11.80					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	10.97	3.70	11.80					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	7.13	3.70	11.80					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	18.77	3.70	11.80					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	6.12	3.70	11.80					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	27.23	3.70	11.80					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	29.66	3.70	11.80					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	11.24	3.70	11.80					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
P	CFS-L11-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	28.34	3.70	11.80					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-L11-1315-T01-A	1	4.31E+02		4.31E+02	1.11	1.60	5.09					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T02-A	1	2.05E+03		2.05E+03	1.55	1.60	5.09					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T03-A	1	1.98E+03		1.98E+03	6.06	1.60	5.09	10000	1000	2.85E+03	87%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T04-A	1	5.88E+03		5.88E+03	1.26	1.60	5.09					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T05-A	1	6.41E+03		6.41E+03	1.11	1.60	5.09					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T06-A	1	8.95E+03		8.95E+03	4.37	1.60	5.09					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T07-A	1	6.15E+03		6.15E+03	1.66	1.60	5.09					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T08-A	1	3.89E+03		3.89E+03	5.69	1.60	5.09					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T09-A	1	5.23E+03		5.23E+03	1.48	1.60	5.09					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T01-B	1	4.31E+02		4.31E+02	0.35	1.60	5.09					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T02-B	1	1.99E+03		1.99E+03	0.22	1.60	5.09					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T03-B	1	2.03E+03		2.03E+03	2.40	1.60	5.09	10000	1000	2.94E+03	91%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T04-B	1	5.66E+03		5.66E+03	0.69	1.60	5.09					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T05-B	1	6.42E+03		6.42E+03	1.17	1.60	5.09					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T06-B	1	8.90E+03		8.90E+03	1.37	1.60	5.09					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T07-B	1	6.20E+03		6.20E+03	1.02	1.60	5.09					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T08-B	1	3.36E+03		3.36E+03	1.03	1.60	5.09					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T09-B	1	5.01E+03		5.01E+03	1.56	1.60	5.09					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T01-C	1	4.20E+02		4.20E+02	1.56	1.60	5.09					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T02-C	1	1.86E+03		1.86E+03	0.25	1.60	5.09					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T03-C	1	1.95E+03		1.95E+03	1.00	1.60	5.09	10000	1000	2.87E+03	92%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T04-C	1	5.77E+03		5.77E+03	0.34	1.60	5.09					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T05-C	1	6.66E+03		6.66E+03	0.91	1.60	5.09					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T06-C	1	8.92E+03		8.92E+03	1.27	1.60	5.09					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T07-C	1	6.01E+03		6.01E+03	1.14	1.60	5.09					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T08-C	1	3.54E+03		3.54E+03	0.75	1.60	5.09					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-T09-C	1	4.83E+03		4.83E+03	1.19	1.60	5.09					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-M01-A	1	2.48E+01		2.48E+01	0.61	1.60	5.09					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-M02-A	1	1.96E+01		1.96E+01	0.76	1.60	5.09					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-M03-A	1	2.03E+01		2.03E+01	1.15	1.60	5.09					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-M04-A	1	1.89E+01		1.89E+01	1.65	1.60	5.09					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-M05-A	1	1.32E+01		1.32E+01	0.63	1.60	5.09					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-M06-A	1	1.52E+01		1.52E+01	0.91	1.60	5.09					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-M07-A	1	2.14E+01		2.14E+01	0.96	1.60	5.09					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-M08-A	1	2.13E+01		2.13E+01	1.27	1.60	5.09					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
K	CFS-L11-1315-M09-A	1	2.66E+01		2.66E+01	0.68	1.60	5.09					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-L11-1315-T01-A	1	2.10E+01	E	2.10E+01	21.30	15.00	47.70					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T02-A	1	2.39E+01	E	2.39E+01	33.31	15.00	47.70					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T03-A	1	2.51E+01	E	2.51E+01	14.11	15.00	47.70	10000	1000	9.77E+02	95%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T04-A	1	5.34E+01		5.34E+01	6.26	15.00	47.70					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T05-A	1	6.15E+01		6.15E+01	3.92	15.00	47.70					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T06-A	1	4.90E+01		4.90E+01	4.64	15.00	47.70					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T07-A	1	9.71E+01		9.71E+01	8.52	15.00	47.70					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T08-A	1	4.48E+01	E	4.48E+01	11.48	15.00	47.70					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T09-A	1	3.71E+01	E	3.71E+01	18.53	15.00	47.70					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T01-B	1	1.84E+01	E	1.84E+01	29.47	15.00	47.70					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T02-B	1	2.66E+01	E	2.66E+01	4.98	15.00	47.70					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T03-B	1	2.83E+01	E	2.83E+01	2.20	15.00	47.70	10000	1000	9.58E+02	93%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T04-B	1	5.28E+01		5.28E+01	2.58	15.00	47.70					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T05-B	1	6.53E+01		6.53E+01	6.38	15.00	47.70					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T06-B	1	4.95E+01		4.95E+01	14.94	15.00	47.70					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T07-B	1	9.64E+01		9.64E+01	2.43	15.00	47.70					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T08-B	1	4.09E+01	E	4.09E+01	22.64	15.00	47.70					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T09-B	1	3.34E+01	E	3.34E+01	1.10	15.00	47.70					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T01-C	1	2.52E+01	E	2.52E+01	9.39	15.00	47.70					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T02-C	1	2.44E+01	E	2.44E+01	16.53	15.00	47.70					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T03-C	1	2.46E+01	E	2.46E+01	23.59	15.00	47.70	10000	1000	9.84E+02	96%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T04-C	1	5.27E+01		5.27E+01	6.33	15.00	47.70					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T05-C	1	5.74E+01		5.74E+01	5.74	15.00	47.70					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T06-C	1	4.72E+01	E	4.72E+01	9.26	15.00	47.70					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T07-C	1	9.86E+01		9.86E+01	9.40	15.00	47.70					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T08-C	1	3.91E+01	E	3.91E+01	20.46	15.00	47.70					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-T09-C	1	5.00E+01		5.00E+01	8.02	15.00	47.70					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	42.52	15.00	47.70					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	34.62	15.00	47.70					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	17.76	15.00	47.70					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	7.73	15.00	47.70					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	11.03	15.00	47.70					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	8.40	15.00	47.70					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	14.83	15.00	47.70					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	10.25	15.00	47.70					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Se	CFS-L11-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	24.06	15.00	47.70					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-L11-1315-T01-A	1	7.22E+01		7.22E+01	1.23	1.10	3.50					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T02-A	1	3.42E+02		3.42E+02	1.48	1.10	3.50					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T03-A	1	4.14E+02		4.14E+02	5.43	1.10	3.50	10000	1000	1.30E+03	89%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T04-A	1	8.64E+02		8.64E+02	1.15	1.10	3.50					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T05-A	1	9.28E+02		9.28E+02	1.44	1.10	3.50					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T06-A	1	1.23E+03		1.23E+03	5.93	1.10	3.50					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T07-A	1	1.75E+03		1.75E+03	5.61	1.10	3.50					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T08-A	1	1.16E+03		1.16E+03	1.12	1.10	3.50					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T09-A	1	1.23E+03		1.23E+03	1.46	1.10	3.50					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T01-B	1	6.34E+01		6.34E+01	0.99	1.10	3.50					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T02-B	1	3.33E+02		3.33E+02	1.23	1.10	3.50					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T03-B	1	4.22E+02		4.22E+02	2.63	1.10	3.50	10000	1000	1.32E+03	89%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T04-B	1	8.42E+02		8.42E+02	0.86	1.10	3.50					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T05-B	1	9.41E+02		9.41E+02	0.98	1.10	3.50					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T06-B	1	1.28E+03		1.28E+03	1.55	1.10	3.50					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T07-B	1	1.75E+03		1.75E+03	1.25	1.10	3.50					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T08-B	1	1.15E+03		1.15E+03	0.91	1.10	3.50					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T09-B	1	1.28E+03		1.28E+03	1.86	1.10	3.50					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T01-C	1	6.79E+01		6.79E+01	4.70	1.10	3.50					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T02-C	1	3.41E+02		3.41E+02	0.55	1.10	3.50					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T03-C	1	4.06E+02		4.06E+02	1.61	1.10	3.50	10000	1000	1.34E+03	94%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T04-C	1	8.79E+02		8.79E+02	0.73	1.10	3.50					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T05-C	1	9.46E+02		9.46E+02	0.51	1.10	3.50					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T06-C	1	1.29E+03		1.29E+03	1.29	1.10	3.50					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T07-C	1	1.68E+03		1.68E+03	1.46	1.10	3.50					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T08-C	1	1.02E+03		1.02E+03	0.18	1.10	3.50					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-T09-C	1	1.18E+03		1.18E+03	1.15	1.10	3.50					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-M01-A	1	5.50E-01	U1/2	5.50E-01	0.55	1.10	3.50					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-M02-A	1	5.50E-01	U1/2	5.50E-01	0.78	1.10	3.50					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-M03-A	1	5.50E-01	U1/2	5.50E-01	0.17	1.10	3.50					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-M04-A	1	5.50E-01	U1/2	5.50E-01	1.37	1.10	3.50					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-M05-A	1	5.50E-01	U1/2	5.50E-01	1.43	1.10	3.50					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-M06-A	1	5.50E-01	U1/2	5.50E-01	1.53	1.10	3.50					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-M07-A	1	5.50E-01	U1/2	5.50E-01	1.06	1.10	3.50					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-M08-A	1	5.50E-01	U1/2	5.50E-01	0.91	1.10	3.50					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Si	CFS-L11-1315-M09-A	1	5.50E-01	U1/2	5.50E-01	0.78	1.10	3.50					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-L11-1315-T01-A	1	1.88E+03		1.88E+03	2.62	2.50	8.00					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T02-A	1	8.22E+03		8.22E+03	1.31	2.50	8.00					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T03-A	1	8.06E+03		8.06E+03	3.54	2.50	8.00	10000	1000	8.92E+03	86%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T04-A	1	2.35E+04		2.35E+04	0.94	2.50	8.00					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T05-A	1	2.27E+04		2.27E+04	1.07	2.50	8.00					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T06-A	1	2.77E+04		2.77E+04	0.98	2.50	8.00					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T07-A	1	3.59E+04		3.59E+04	0.91	2.50	8.00					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T08-A	1	1.40E+04		1.40E+04	4.68	2.50	8.00					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T09-A	1	1.53E+04		1.53E+04	0.06	2.50	8.00					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T01-B	1	1.93E+03		1.93E+03	0.32	2.50	8.00					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T02-B	1	8.59E+03		8.59E+03	0.15	2.50	8.00					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T03-B	1	8.13E+03		8.13E+03	0.48	2.50	8.00	10000	1000	9.02E+03	89%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T04-B	1	2.14E+04		2.14E+04	0.50	2.50	8.00					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T05-B	1	2.40E+04		2.40E+04	0.83	2.50	8.00					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T06-B	1	2.86E+04		2.86E+04	0.88	2.50	8.00					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T07-B	1	3.50E+04		3.50E+04	0.55	2.50	8.00					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T08-B	1	1.39E+04		1.39E+04	0.67	2.50	8.00					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T09-B	1	1.51E+04		1.51E+04	1.55	2.50	8.00					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T01-C	1	1.89E+03		1.89E+03	0.56	2.50	8.00					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T02-C	1	8.18E+03		8.18E+03	0.38	2.50	8.00					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T03-C	1	8.69E+03		8.69E+03	0.19	2.50	8.00	10000	1000	9.61E+03	93%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T04-C	1	2.05E+04		2.05E+04	0.65	2.50	8.00					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T05-C	1	2.29E+04		2.29E+04	0.18	2.50	8.00					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T06-C	1	2.78E+04		2.78E+04	0.49	2.50	8.00					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T07-C	1	3.61E+04		3.61E+04	0.18	2.50	8.00					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T08-C	1	1.32E+04		1.32E+04	0.77	2.50	8.00					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-T09-C	1	1.51E+04		1.51E+04	0.77	2.50	8.00					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-M01-A	1	1.21E+01		1.21E+01	0.91	2.50	8.00					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-M02-A	1	1.69E+01		1.69E+01	0.80	2.50	8.00					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-M03-A	1	1.71E+01		1.71E+01	0.36	2.50	8.00					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-M04-A	1	8.92E+00		8.92E+00	0.39	2.50	8.00					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-M05-A	1	1.51E+01		1.51E+01	0.60	2.50	8.00					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-M06-A	1	1.80E+01		1.80E+01	0.95	2.50	8.00					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-M07-A	1	2.15E+01		2.15E+01	0.12	2.50	8.00					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-M08-A	1	5.85E+00	E	5.85E+00	1.08	2.50	8.00					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Na	CFS-L11-1315-M09-A	1	5.40E+00	E	5.40E+00	0.58	2.50	8.00					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-L11-1315-T01-A	1	1.46E+01		1.46E+01	4.49	1.00	3.18					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T02-A	1	1.01E+02		1.01E+02	1.77	1.00	3.18					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T03-A	1	8.61E+01		8.61E+01	2.02	1.00	3.18	10000	1000	1.00E+03	92%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T04-A	1	3.90E+02		3.90E+02	1.84	1.00	3.18					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T05-A	1	3.69E+02		3.69E+02	2.66	1.00	3.18					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T06-A	1	8.51E+02		8.51E+02	2.93	1.00	3.18					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T07-A	1	5.61E+02		5.61E+02	0.90	1.00	3.18					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T08-A	1	3.88E+02		3.88E+02	4.52	1.00	3.18					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T09-A	1	5.42E+02		5.42E+02	3.72	1.00	3.18					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T01-B	1	1.93E+01		1.93E+01	0.76	1.00	3.18					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T02-B	1	7.94E+01		7.94E+01	1.09	1.00	3.18					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T03-B	1	8.42E+01		8.42E+01	2.44	1.00	3.18	10000	1000	9.56E+02	87%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T04-B	1	2.71E+02		2.71E+02	0.62	1.00	3.18					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T05-B	1	3.57E+02		3.57E+02	1.79	1.00	3.18					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T06-B	1	8.42E+02		8.42E+02	1.73	1.00	3.18					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T07-B	1	5.49E+02		5.49E+02	1.06	1.00	3.18					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T08-B	1	3.48E+02		3.48E+02	2.05	1.00	3.18					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T09-B	1	5.60E+02		5.60E+02	3.32	1.00	3.18					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T01-C	1	1.34E+01		1.34E+01	2.60	1.00	3.18					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T02-C	1	8.37E+01		8.37E+01	1.34	1.00	3.18					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T03-C	1	9.39E+01		9.39E+01	1.72	1.00	3.18	10000	1000	1.04E+03	95%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T04-C	1	3.22E+02		3.22E+02	0.46	1.00	3.18					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T05-C	1	3.93E+02		3.93E+02	0.93	1.00	3.18					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T06-C	1	8.45E+02		8.45E+02	1.51	1.00	3.18					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T07-C	1	5.70E+02		5.70E+02	1.00	1.00	3.18					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T08-C	1	3.62E+02		3.62E+02	0.62	1.00	3.18					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-T09-C	1	5.48E+02		5.48E+02	1.49	1.00	3.18					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	3.39	1.00	3.18					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.39	1.00	3.18					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.02	1.00	3.18					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.38	1.00	3.18					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	0.56	1.00	3.18					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	1.28	1.00	3.18					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	0.71	1.00	3.18					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.04	1.00	3.18					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Sr	CFS-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	1.97	1.00	3.18					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-L11-1315-T01-A	1	8.26E+03		8.26E+03	2.62	6.80	21.60					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T02-A	1	3.75E+04		3.75E+04	1.21	6.80	21.60					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T03-A	1	4.02E+04		4.02E+04	8.74	6.80	21.60	10000	1000	4.11E+04	85%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T04-A	1	1.13E+05		1.13E+05	2.52	6.80	21.60					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T05-A	1	1.33E+05		1.33E+05	1.65	6.80	21.60					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T06-A	1	1.96E+05		1.96E+05	3.56	6.80	21.60					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T07-A	1	2.02E+05		2.02E+05	3.03	6.80	21.60					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T08-A	1	1.08E+05		1.08E+05	1.05	6.80	21.60					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T09-A	1	1.59E+05		1.59E+05	0.97	6.80	21.60					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T01-B	1	7.51E+03		7.51E+03	0.41	6.80	21.60					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T02-B	1	3.99E+04		3.99E+04	0.38	6.80	21.60					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T03-B	1	4.26E+04		4.26E+04	2.24	6.80	21.60	10000	1000	4.35E+04	88%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T04-B	1	1.07E+05		1.07E+05	0.81	6.80	21.60					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T05-B	1	1.38E+05		1.38E+05	1.58	6.80	21.60					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T06-B	1	1.95E+05		1.95E+05	1.44	6.80	21.60					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T07-B	1	2.09E+05		2.09E+05	1.11	6.80	21.60					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T08-B	1	1.02E+05		1.02E+05	1.32	6.80	21.60					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T09-B	1	1.60E+05		1.60E+05	3.98	6.80	21.60					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T01-C	1	7.85E+03		7.85E+03	0.29	6.80	21.60					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T02-C	1	3.74E+04		3.74E+04	0.39	6.80	21.60					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T03-C	1	4.05E+04		4.05E+04	0.64	6.80	21.60	10000	1000	4.14E+04	90%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T04-C	1	1.04E+05		1.04E+05	0.56	6.80	21.60					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T05-C	1	1.27E+05		1.27E+05	0.75	6.80	21.60					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T06-C	1	1.96E+05		1.96E+05	1.65	6.80	21.60					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T07-C	1	2.03E+05		2.03E+05	1.06	6.80	21.60					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T08-C	1	1.01E+05		1.01E+05	0.58	6.80	21.60					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-T09-C	1	1.51E+05		1.51E+05	1.49	6.80	21.60					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-M01-A	1	2.94E+01		2.94E+01	0.75	6.80	21.60					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-M02-A	1	2.20E+01		2.20E+01	0.99	6.80	21.60					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-M03-A	1	1.82E+01	E	1.82E+01	0.41	6.80	21.60					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-M04-A	1	2.13E+01	E	2.13E+01	1.78	6.80	21.60					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-M05-A	1	1.32E+01	E	1.32E+01	0.59	6.80	21.60					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-M06-A	1	1.01E+01	E	1.01E+01	1.00	6.80	21.60					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-M07-A	1	2.03E+01	E	2.03E+01	1.06	6.80	21.60					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-M08-A	1	1.60E+01	E	1.60E+01	1.50	6.80	21.60					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
S	CFS-L11-1315-M09-A	1	1.34E+01	E	1.34E+01	0.58	6.80	21.60					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-L11-1315-T01-A	1	4.86E+00	E	4.86E+00	15.23	4.60	14.60					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T02-A	1	5.14E+01		5.14E+01	3.98	4.60	14.60					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T03-A	1	4.76E+01		4.76E+01	2.00	4.60	14.60	10000	1000	9.40E+02	89%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T04-A	1	1.89E+02		1.89E+02	3.30	4.60	14.60					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T05-A	1	1.94E+02		1.94E+02	3.45	4.60	14.60					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T06-A	1	3.18E+02		3.18E+02	1.46	4.60	14.60					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T07-A	1	2.97E+02		2.97E+02	2.13	4.60	14.60					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T08-A	1	1.31E+02		1.31E+02	6.14	4.60	14.60					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T09-A	1	1.83E+02		1.83E+02	1.75	4.60	14.60					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T01-B	1	5.52E+00	E	5.52E+00	5.40	4.60	14.60					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T02-B	1	5.22E+01		5.22E+01	3.22	4.60	14.60					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T03-B	1	5.18E+01		5.18E+01	2.06	4.60	14.60	10000	1000	9.31E+02	88%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T04-B	1	1.63E+02		1.63E+02	2.28	4.60	14.60					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T05-B	1	1.92E+02		1.92E+02	4.59	4.60	14.60					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T06-B	1	3.10E+02		3.10E+02	1.44	4.60	14.60					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T07-B	1	2.98E+02		2.98E+02	6.01	4.60	14.60					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T08-B	1	1.28E+02		1.28E+02	2.94	4.60	14.60					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T09-B	1	1.79E+02		1.79E+02	2.58	4.60	14.60					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T01-C	1	5.02E+00	E	5.02E+00	16.84	4.60	14.60					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T02-C	1	4.37E+01		4.37E+01	5.35	4.60	14.60					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T03-C	1	5.03E+01		5.03E+01	6.81	4.60	14.60	10000	1000	1.01E+03	96%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T04-C	1	1.59E+02		1.59E+02	2.26	4.60	14.60					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T05-C	1	1.84E+02		1.84E+02	4.51	4.60	14.60					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T06-C	1	3.01E+02		3.01E+02	1.23	4.60	14.60					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T07-C	1	2.92E+02		2.92E+02	2.10	4.60	14.60					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T08-C	1	1.21E+02		1.21E+02	3.06	4.60	14.60					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-T09-C	1	1.69E+02		1.69E+02	1.12	4.60	14.60					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	23.62	4.60	14.60					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	5.86	4.60	14.60					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	3.29	4.60	14.60					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	4.24	4.60	14.60					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	2.79	4.60	14.60					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	2.84	4.60	14.60					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	2.79	4.60	14.60					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	0.94	4.60	14.60					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Tl	CFS-L11-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	3.12	4.60	14.60					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-L11-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	52.10	2.00	6.40					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	13.80	2.00	6.40					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	26.43	2.00	6.40	10000	1000	8.69E+02	87%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	32.06	2.00	6.40					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	24.76	2.00	6.40					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	15.97	2.00	6.40					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	43.18	2.00	6.40					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	15.48	2.00	6.40					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	37.45	2.00	6.40					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	37.03	2.00	6.40					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	61.95	2.00	6.40					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	48.06	2.00	6.40	10000	1000	8.59E+02	86%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	28.51	2.00	6.40					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	24.21	2.00	6.40					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	23.49	2.00	6.40					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	25.70	2.00	6.40					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	52.52	2.00	6.40					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	3.28	2.00	6.40					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	23.76	2.00	6.40					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	41.17	2.00	6.40					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	5.92	2.00	6.40	10000	1000	9.34E+02	93%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	24.89	2.00	6.40					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	42.01	2.00	6.40					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	43.45	2.00	6.40					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	20.15	2.00	6.40					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	16.12	2.00	6.40					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	32.47	2.00	6.40					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	41.14	2.00	6.40					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	7.53	2.00	6.40					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	66.17	2.00	6.40					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	39.86	2.00	6.40					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	10.88	2.00	6.40					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	76.29	2.00	6.40					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	81.60	2.00	6.40					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	17.59	2.00	6.40					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Ti	CFS-L11-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	59.40	2.00	6.40					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-L11-1315-T01-A	1	1.75E+00	E	1.75E+00	26.68	1.50	4.77					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T02-A	1	1.90E+00	E	1.90E+00	19.25	1.50	4.77					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T03-A	1	3.15E+00	E	3.15E+00	7.85	1.50	4.77	10000	1000	9.67E+02	96%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T04-A	1	3.72E+00	E	3.72E+00	12.55	1.50	4.77					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T05-A	1	3.49E+00	E	3.49E+00	8.22	1.50	4.77					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T06-A	1	3.34E+00	E	3.34E+00	5.24	1.50	4.77					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T07-A	1	8.26E+00		8.26E+00	7.56	1.50	4.77					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T08-A	1	5.61E+00		5.61E+00	3.89	1.50	4.77					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T09-A	1	5.36E+00		5.36E+00	2.22	1.50	4.77					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T01-B	1	1.74E+00	E	1.74E+00	12.53	1.50	4.77					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T02-B	1	1.75E+00	E	1.75E+00	28.35	1.50	4.77					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T03-B	1	3.16E+00	E	3.16E+00	14.17	1.50	4.77	10000	1000	9.85E+02	98%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T04-B	1	3.45E+00	E	3.45E+00	6.31	1.50	4.77					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T05-B	1	4.35E+00	E	4.35E+00	19.21	1.50	4.77					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T06-B	1	4.03E+00	E	4.03E+00	5.95	1.50	4.77					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T07-B	1	7.80E+00		7.80E+00	6.89	1.50	4.77					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T08-B	1	3.69E+00	E	3.69E+00	16.56	1.50	4.77					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T09-B	1	4.98E+00		4.98E+00	2.46	1.50	4.77					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T01-C	1	1.61E+00	E	1.61E+00	15.36	1.50	4.77					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T02-C	1	1.65E+00	E	1.65E+00	9.35	1.50	4.77					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T03-C	1	2.69E+00	E	2.69E+00	5.26	1.50	4.77	10000	1000	9.73E+02	97%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T04-C	1	4.28E+00	E	4.28E+00	18.48	1.50	4.77					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T05-C	1	4.05E+00	E	4.05E+00	6.60	1.50	4.77					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T06-C	1	4.17E+00	E	4.17E+00	17.29	1.50	4.77					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T07-C	1	8.10E+00		8.10E+00	5.09	1.50	4.77					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T08-C	1	3.86E+00	E	3.86E+00	4.60	1.50	4.77					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-T09-C	1	5.37E+00		5.37E+00	1.22	1.50	4.77					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	58.28	1.50	4.77					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	12.60	1.50	4.77					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	31.56	1.50	4.77					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	9.07	1.50	4.77					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	14.62	1.50	4.77					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	21.66	1.50	4.77					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	2.30	1.50	4.77					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	20.13	1.50	4.77					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
V	CFS-L11-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	8.43	1.50	4.77					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-L11-1315-T01-A	1	2.23E+02		2.23E+02	1.02	1.00	3.18					VU ICP-OES	9/16/11 11:26 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T02-A	1	1.24E+03		1.24E+03	1.80	1.00	3.18					VU ICP-OES	9/16/11 11:28 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T03-A	1	1.51E+03		1.51E+03	2.79	1.00	3.18	10000	1000	2.41E+03	90%	VU ICP-OES	9/16/11 11:30 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T04-A	1	4.97E+03		4.97E+03	4.70	1.00	3.18					VU ICP-OES	9/16/11 11:31 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T05-A	1	4.58E+03		4.58E+03	1.59	1.00	3.18					VU ICP-OES	9/16/11 11:33 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T06-A	1	4.29E+03		4.29E+03	2.11	1.00	3.18					VU ICP-OES	9/16/11 11:35 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T07-A	1	9.82E+03		9.82E+03	6.85	1.00	3.18					VU ICP-OES	9/16/11 11:36 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T08-A	1	5.98E+03		5.98E+03	6.65	1.00	3.18					VU ICP-OES	9/16/11 11:38 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T09-A	1	5.83E+03		5.83E+03	0.93	1.00	3.18					VU ICP-OES	9/16/11 11:40 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T01-B	1	2.02E+02		2.02E+02	0.16	1.00	3.18					VU ICP-OES	9/16/11 11:46 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T02-B	1	1.46E+03		1.46E+03	1.79	1.00	3.18					VU ICP-OES	9/16/11 11:48 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T03-B	1	1.63E+03		1.63E+03	1.95	1.00	3.18	10000	1000	2.54E+03	91%	VU ICP-OES	9/16/11 11:50 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T04-B	1	5.23E+03		5.23E+03	0.51	1.00	3.18					VU ICP-OES	9/16/11 11:51 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T05-B	1	6.37E+03		6.37E+03	0.52	1.00	3.18					VU ICP-OES	9/16/11 11:53 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T06-B	1	5.32E+03		5.32E+03	1.29	1.00	3.18					VU ICP-OES	9/16/11 11:54 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T07-B	1	1.05E+04		1.05E+04	2.15	1.00	3.18					VU ICP-OES	9/16/11 11:56 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T08-B	1	4.11E+03		4.11E+03	2.32	1.00	3.18					VU ICP-OES	9/16/11 11:58 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T09-B	1	6.32E+03		6.32E+03	3.13	1.00	3.18					VU ICP-OES	9/16/11 11:59 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T01-C	1	1.85E+02		1.85E+02	0.45	1.00	3.18					VU ICP-OES	9/16/11 12:01 PM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T02-C	1	9.47E+02		9.47E+02	1.29	1.00	3.18					VU ICP-OES	9/16/11 12:03 PM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T03-C	1	1.62E+03		1.62E+03	1.29	1.00	3.18	10000	1000	2.59E+03	97%	VU ICP-OES	9/16/11 12:04 PM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T04-C	1	3.67E+03		3.67E+03	1.54	1.00	3.18					VU ICP-OES	9/16/11 1:03 PM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T05-C	1	4.28E+03		4.28E+03	2.44	1.00	3.18					VU ICP-OES	9/16/11 12:08 PM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T06-C	1	3.89E+03		3.89E+03	0.84	1.00	3.18					VU ICP-OES	9/16/11 12:09 PM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T07-C	1	8.22E+03		8.22E+03	1.49	1.00	3.18					VU ICP-OES	9/16/11 12:11 PM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T08-C	1	3.38E+03		3.38E+03	0.83	1.00	3.18					VU ICP-OES	9/16/11 12:13 PM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-T09-C	1	5.05E+03		5.05E+03	1.45	1.00	3.18					VU ICP-OES	9/16/11 12:14 PM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	0.37	1.00	3.18					VU ICP-OES	9/16/11 11:12 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	0.60	1.00	3.18					VU ICP-OES	9/16/11 11:13 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	1.91	1.00	3.18					VU ICP-OES	9/16/11 11:15 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	0.16	1.00	3.18					VU ICP-OES	9/16/11 11:17 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	0.10	1.00	3.18					VU ICP-OES	9/16/11 11:18 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	0.04	1.00	3.18					VU ICP-OES	9/16/11 11:20 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.34	1.00	3.18					VU ICP-OES	9/16/11 11:22 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	1.03	1.00	3.18					VU ICP-OES	9/16/11 11:23 AM	EPA Interlab L11 1315 CFS
Zn	CFS-L11-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	1.24	1.00	3.18					VU ICP-OES	9/16/11 11:25 AM	EPA Interlab L11 1315 CFS

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-LRef-1315-T01-A	1	8.02E+00		8.02E+00	8.45	1.00	3.18					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T02-A	1	2.06E+01		2.06E+01	2.61	1.00	3.18					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T03-A	1	1.85E+01		1.85E+01	9.80	1.00	3.18	10000	1000	1.07E+03	105%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T04-A	1	4.37E+01		4.37E+01	5.12	1.00	3.18					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T05-A	1	3.99E+01		3.99E+01	2.27	1.00	3.18					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T06-A	1	4.82E+01		4.82E+01	2.74	1.00	3.18					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T07-A	1	4.66E+01		4.66E+01	5.35	1.00	3.18					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T08-A	1	2.56E+01		2.56E+01	8.49	1.00	3.18					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T09-A	1	5.30E+01		5.30E+01	7.78	1.00	3.18					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T01-B	1	8.74E+00		8.74E+00	1.78	1.00	3.18					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T02-B	1	2.28E+01		2.28E+01	4.11	1.00	3.18					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T03-B	1	1.95E+01		1.95E+01	1.52	1.00	3.18	10000	1000	1.06E+03	105%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T04-B	1	3.44E+01		3.44E+01	3.23	1.00	3.18					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T05-B	1	3.72E+01		3.72E+01	4.48	1.00	3.18					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T06-B	1	4.69E+01		4.69E+01	3.58	1.00	3.18					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T07-B	1	4.27E+01		4.27E+01	1.53	1.00	3.18					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T08-B	1	2.75E+01		2.75E+01	5.37	1.00	3.18					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T09-B	1	4.52E+01		4.52E+01	8.11	1.00	3.18					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T01-C	1	7.06E+00		7.06E+00	10.97	1.00	3.18					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T02-C	1	2.28E+01		2.28E+01	7.62	1.00	3.18					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T03-C	1	2.05E+01		2.05E+01	6.64	1.00	3.18	10000	1000	1.05E+03	103%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T04-C	1	5.03E+01		5.03E+01	4.04	1.00	3.18					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T05-C	1	4.29E+01		4.29E+01	4.78	1.00	3.18					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T06-C	1	4.55E+01		4.55E+01	5.68	1.00	3.18					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T07-C	1	4.85E+01		4.85E+01	0.71	1.00	3.18					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T08-C	1	3.38E+01		3.38E+01	4.28	1.00	3.18					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T09-C	1	4.37E+01		4.37E+01	5.15	1.00	3.18					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	23.71	1.00	3.18					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	13.90	1.00	3.18					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	8.99	1.00	3.18					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	13.60	1.00	3.18					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	5.85	1.00	3.18					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	5.67	1.00	3.18					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	20.76	1.00	3.18					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	7.29	1.00	3.18					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	26.85	1.00	3.18					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-LRef-1315-T01-A	1	9.38E+00	E	9.38E+00	8.26	7.50	23.90					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T02-A	1	9.58E+00	E	9.58E+00	17.99	7.50	23.90					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T03-A	1	1.03E+01	E	1.03E+01	19.99	7.50	23.90	10000	1000	1.01E+03	100%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T04-A	1	1.07E+01	E	1.07E+01	9.73	7.50	23.90					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T05-A	1	1.10E+01	E	1.10E+01	8.58	7.50	23.90					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T06-A	1	1.02E+01	E	1.02E+01	6.36	7.50	23.90					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T07-A	1	9.16E+00	E	9.16E+00	9.19	7.50	23.90					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T08-A	1	9.49E+00	E	9.49E+00	10.31	7.50	23.90					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T09-A	1	1.11E+01	E	1.11E+01	22.04	7.50	23.90					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T01-B	1	9.05E+00	E	9.05E+00	28.33	7.50	23.90					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T02-B	1	9.33E+00	E	9.33E+00	5.61	7.50	23.90					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T03-B	1	1.05E+01	E	1.05E+01	11.51	7.50	23.90	10000	1000	1.02E+03	101%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T04-B	1	1.06E+01	E	1.06E+01	12.54	7.50	23.90					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T05-B	1	9.93E+00	E	9.93E+00	6.42	7.50	23.90					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T06-B	1	1.06E+01	E	1.06E+01	8.31	7.50	23.90					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T07-B	1	1.25E+01	E	1.25E+01	14.14	7.50	23.90					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T08-B	1	1.15E+01	E	1.15E+01	26.98	7.50	23.90					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T09-B	1	1.24E+01	E	1.24E+01	14.72	7.50	23.90					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T01-C	1	9.35E+00	E	9.35E+00	22.31	7.50	23.90					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T02-C	1	9.59E+00	E	9.59E+00	23.08	7.50	23.90					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T03-C	1	1.03E+01	E	1.03E+01	10.64	7.50	23.90	10000	1000	1.01E+03	100%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T04-C	1	1.06E+01	E	1.06E+01	9.48	7.50	23.90					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T05-C	1	1.08E+01	E	1.08E+01	9.61	7.50	23.90					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T06-C	1	1.13E+01	E	1.13E+01	5.99	7.50	23.90					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T07-C	1	1.37E+01	E	1.37E+01	10.21	7.50	23.90					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T08-C	1	1.17E+01	E	1.17E+01	5.24	7.50	23.90					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T09-C	1	1.24E+01	E	1.24E+01	1.04	7.50	23.90					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-M01-A	1	3.75E+00	U1/2	3.75E+00	12.10	7.50	23.90					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-M02-A	1	3.75E+00	U1/2	3.75E+00	25.37	7.50	23.90					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-M03-A	1	3.75E+00	U1/2	3.75E+00	36.23	7.50	23.90					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-M04-A	1	3.75E+00	U1/2	3.75E+00	28.40	7.50	23.90					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-M05-A	1	3.75E+00	U1/2	3.75E+00	31.36	7.50	23.90					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-M06-A	1	3.75E+00	U1/2	3.75E+00	33.46	7.50	23.90					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-M07-A	1	3.75E+00	U1/2	3.75E+00	28.93	7.50	23.90					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-M08-A	1	3.75E+00	U1/2	3.75E+00	39.28	7.50	23.90					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-M09-A	1	3.75E+00	U1/2	3.75E+00	40.60	7.50	23.90					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-LRef-1315-T01-A	1	5.50E+00	U1/2	5.50E+00	4.04	11.00	35.00					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T02-A	1	5.50E+00	U1/2	5.50E+00	45.49	11.00	35.00					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T03-A	1	1.17E+01	E	1.17E+01	29.83	11.00	35.00	10000	1000	9.94E+02	98%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T04-A	1	1.54E+01	E	1.54E+01	18.50	11.00	35.00					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T05-A	1	1.77E+01	E	1.77E+01	20.97	11.00	35.00					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T06-A	1	1.55E+01	E	1.55E+01	26.28	11.00	35.00					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T07-A	1	1.27E+01	E	1.27E+01	7.78	11.00	35.00					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T08-A	1	1.13E+01	E	1.13E+01	31.06	11.00	35.00					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T09-A	1	5.50E+00	U1/2	5.50E+00	34.95	11.00	35.00					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T01-B	1	5.50E+00	U1/2	5.50E+00	29.91	11.00	35.00					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T02-B	1	5.50E+00	U1/2	5.50E+00	32.80	11.00	35.00					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T03-B	1	1.18E+01	E	1.18E+01	22.08	11.00	35.00	10000	1000	1.01E+03	100%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T04-B	1	1.48E+01	E	1.48E+01	25.97	11.00	35.00					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T05-B	1	1.71E+01	E	1.71E+01	26.44	11.00	35.00					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T06-B	1	1.56E+01	E	1.56E+01	1.66	11.00	35.00					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T07-B	1	1.12E+01	E	1.12E+01	11.61	11.00	35.00					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T08-B	1	5.50E+00	U1/2	5.50E+00	11.88	11.00	35.00					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T09-B	1	5.50E+00	U1/2	5.50E+00	4.03	11.00	35.00					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T01-C	1	5.50E+00	U1/2	5.50E+00	58.22	11.00	35.00					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T02-C	1	5.50E+00	U1/2	5.50E+00	10.91	11.00	35.00					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T03-C	1	1.24E+01	E	1.24E+01	28.85	11.00	35.00	10000	1000	9.90E+02	98%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T04-C	1	1.53E+01	E	1.53E+01	13.99	11.00	35.00					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T05-C	1	1.63E+01	E	1.63E+01	11.81	11.00	35.00					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T06-C	1	1.48E+01	E	1.48E+01	37.50	11.00	35.00					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T07-C	1	1.35E+01	E	1.35E+01	28.14	11.00	35.00					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T08-C	1	5.50E+00	U1/2	5.50E+00	32.87	11.00	35.00					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T09-C	1	5.50E+00	U1/2	5.50E+00	33.09	11.00	35.00					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-M01-A	1	5.50E+00	U1/2	5.50E+00	79.80	11.00	35.00					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-M02-A	1	5.50E+00	U1/2	5.50E+00	40.99	11.00	35.00					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-M03-A	1	5.50E+00	U1/2	5.50E+00	13.84	11.00	35.00					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-M04-A	1	5.50E+00	U1/2	5.50E+00	31.33	11.00	35.00					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-M05-A	1	5.50E+00	U1/2	5.50E+00	37.28	11.00	35.00					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-M06-A	1	5.50E+00	U1/2	5.50E+00	105.84	11.00	35.00					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-M07-A	1	5.50E+00	U1/2	5.50E+00	31.54	11.00	35.00					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-M08-A	1	5.50E+00	U1/2	5.50E+00	40.21	11.00	35.00					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-M09-A	1	5.50E+00	U1/2	5.50E+00	20.08	11.00	35.00					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-LRef-1315-T01-A	1	1.73E+01		1.73E+01	1.47	1.00	3.18					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T02-A	1	5.62E+01		5.62E+01	6.57	1.00	3.18					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T03-A	1	4.16E+01		4.16E+01	3.65	1.00	3.18	10000	1000	9.98E+02	96%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T04-A	1	1.19E+02		1.19E+02	3.64	1.00	3.18					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T05-A	1	1.26E+02		1.26E+02	1.54	1.00	3.18					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T06-A	1	1.81E+02		1.81E+02	1.15	1.00	3.18					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T07-A	1	1.53E+02		1.53E+02	1.61	1.00	3.18					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T08-A	1	7.52E+01		7.52E+01	13.32	1.00	3.18					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T09-A	1	1.41E+02		1.41E+02	2.00	1.00	3.18					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T01-B	1	2.04E+01		2.04E+01	5.19	1.00	3.18					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T02-B	1	5.37E+01		5.37E+01	1.59	1.00	3.18					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T03-B	1	4.04E+01		4.04E+01	1.04	1.00	3.18	10000	1000	1.06E+03	102%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T04-B	1	1.17E+02		1.17E+02	1.57	1.00	3.18					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T05-B	1	1.22E+02		1.22E+02	0.73	1.00	3.18					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T06-B	1	1.79E+02		1.79E+02	2.35	1.00	3.18					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T07-B	1	1.57E+02		1.57E+02	1.52	1.00	3.18					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T08-B	1	7.91E+01		7.91E+01	2.03	1.00	3.18					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T09-B	1	1.25E+02		1.25E+02	1.89	1.00	3.18					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T01-C	1	1.70E+01		1.70E+01	1.62	1.00	3.18					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T02-C	1	5.54E+01		5.54E+01	2.84	1.00	3.18					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T03-C	1	4.03E+01		4.03E+01	3.34	1.00	3.18	10000	1000	1.03E+03	99%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T04-C	1	1.15E+02		1.15E+02	1.30	1.00	3.18					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T05-C	1	1.19E+02		1.19E+02	1.41	1.00	3.18					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T06-C	1	1.83E+02		1.83E+02	2.85	1.00	3.18					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T07-C	1	1.54E+02		1.54E+02	1.19	1.00	3.18					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T08-C	1	8.16E+01		8.16E+01	1.81	1.00	3.18					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T09-C	1	1.21E+02		1.21E+02	5.02	1.00	3.18					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	9.69	1.00	3.18					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	8.63	1.00	3.18					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.49	1.00	3.18					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	8.23	1.00	3.18					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	2.18	1.00	3.18					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	3.02	1.00	3.18					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	1.82	1.00	3.18					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	3.79	1.00	3.18					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	2.83	1.00	3.18					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-LRef-1315-T01-A	1	1.83E+01		1.83E+01	2.14	1.00	3.18					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T02-A	1	1.91E+01		1.91E+01	1.41	1.00	3.18					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T03-A	1	2.36E+01		2.36E+01	1.26	1.00	3.18	10000	1000	1.12E+03	109%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T04-A	1	2.91E+01		2.91E+01	1.92	1.00	3.18					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T05-A	1	3.35E+01		3.35E+01	1.19	1.00	3.18					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T06-A	1	3.73E+01		3.73E+01	0.70	1.00	3.18					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T07-A	1	3.15E+01		3.15E+01	2.20	1.00	3.18					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T08-A	1	2.49E+01		2.49E+01	2.64	1.00	3.18					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T09-A	1	3.36E+01		3.36E+01	2.53	1.00	3.18					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T01-B	1	1.73E+01		1.73E+01	1.56	1.00	3.18					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T02-B	1	1.98E+01		1.98E+01	0.84	1.00	3.18					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T03-B	1	2.38E+01		2.38E+01	0.71	1.00	3.18	10000	1000	1.11E+03	109%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T04-B	1	2.76E+01		2.76E+01	0.39	1.00	3.18					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T05-B	1	3.42E+01		3.42E+01	2.75	1.00	3.18					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T06-B	1	3.80E+01		3.80E+01	1.52	1.00	3.18					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T07-B	1	3.09E+01		3.09E+01	5.75	1.00	3.18					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T08-B	1	2.29E+01		2.29E+01	2.09	1.00	3.18					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T09-B	1	2.86E+01		2.86E+01	1.34	1.00	3.18					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T01-C	1	1.70E+01		1.70E+01	1.44	1.00	3.18					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T02-C	1	1.92E+01		1.92E+01	1.31	1.00	3.18					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T03-C	1	2.34E+01		2.34E+01	0.72	1.00	3.18	10000	1000	1.09E+03	107%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T04-C	1	2.60E+01		2.60E+01	1.83	1.00	3.18					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T05-C	1	3.33E+01		3.33E+01	2.05	1.00	3.18					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T06-C	1	3.73E+01		3.73E+01	0.19	1.00	3.18					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T07-C	1	3.27E+01		3.27E+01	2.07	1.00	3.18					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T08-C	1	2.55E+01		2.55E+01	0.95	1.00	3.18					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T09-C	1	2.97E+01		2.97E+01	6.55	1.00	3.18					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	2.68	1.00	3.18					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.60	1.00	3.18					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	1.18	1.00	3.18					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	1.63	1.00	3.18					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	6.27	1.00	3.18					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	13.77	1.00	3.18					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	9.39	1.00	3.18					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	18.50	1.00	3.18					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	7.66	1.00	3.18					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-LRef-1315-T01-A	1	9.50E-01	U1/2	9.50E-01	11.23	1.90	6.00					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T02-A	1	9.50E-01	U1/2	9.50E-01	25.39	1.90	6.00					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T03-A	1	9.50E-01	U1/2	9.50E-01	37.80	1.90	6.00	10000	1000	1.03E+03	103%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T04-A	1	9.50E-01	U1/2	9.50E-01	72.30	1.90	6.00					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T05-A	1	9.50E-01	U1/2	9.50E-01	23.92	1.90	6.00					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T06-A	1	9.50E-01	U1/2	9.50E-01	47.97	1.90	6.00					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T07-A	1	9.50E-01	U1/2	9.50E-01	53.08	1.90	6.00					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T08-A	1	9.50E-01	U1/2	9.50E-01	44.49	1.90	6.00					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T09-A	1	9.50E-01	U1/2	9.50E-01	47.34	1.90	6.00					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T01-B	1	9.50E-01	U1/2	9.50E-01	26.14	1.90	6.00					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T02-B	1	9.50E-01	U1/2	9.50E-01	9.92	1.90	6.00					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T03-B	1	9.50E-01	U1/2	9.50E-01	8.49	1.90	6.00	10000	1000	1.03E+03	102%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T04-B	1	9.50E-01	U1/2	9.50E-01	62.75	1.90	6.00					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T05-B	1	9.50E-01	U1/2	9.50E-01	56.03	1.90	6.00					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T06-B	1	9.50E-01	U1/2	9.50E-01	48.39	1.90	6.00					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T07-B	1	9.50E-01	U1/2	9.50E-01	17.52	1.90	6.00					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T08-B	1	9.50E-01	U1/2	9.50E-01	56.83	1.90	6.00					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T09-B	1	9.50E-01	U1/2	9.50E-01	49.63	1.90	6.00					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T01-C	1	9.50E-01	U1/2	9.50E-01	30.73	1.90	6.00					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T02-C	1	9.50E-01	U1/2	9.50E-01	18.55	1.90	6.00					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T03-C	1	9.50E-01	U1/2	9.50E-01	56.68	1.90	6.00	10000	1000	1.01E+03	101%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T04-C	1	9.50E-01	U1/2	9.50E-01	54.11	1.90	6.00					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T05-C	1	9.50E-01	U1/2	9.50E-01	31.12	1.90	6.00					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T06-C	1	9.50E-01	U1/2	9.50E-01	16.84	1.90	6.00					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T07-C	1	9.50E-01	U1/2	9.50E-01	39.55	1.90	6.00					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T08-C	1	9.50E-01	U1/2	9.50E-01	50.41	1.90	6.00					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T09-C	1	9.50E-01	U1/2	9.50E-01	30.74	1.90	6.00					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	33.81	1.90	6.00					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	74.16	1.90	6.00					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	49.73	1.90	6.00					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	27.26	1.90	6.00					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	66.69	1.90	6.00					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	17.78	1.90	6.00					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	43.92	1.90	6.00					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	2.47	1.90	6.00					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	31.29	1.90	6.00					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-LRef-1315-T01-A	1	7.02E+01		7.02E+01	2.60	2.20	7.00					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T02-A	1	4.26E+02		4.26E+02	0.97	2.20	7.00					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T03-A	1	3.74E+02		3.74E+02	1.72	2.20	7.00	10000	1000	1.39E+03	102%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T04-A	1	1.20E+03		1.20E+03	1.88	2.20	7.00					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T05-A	1	1.31E+03		1.31E+03	2.09	2.20	7.00					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T06-A	1	1.81E+03		1.81E+03	0.72	2.20	7.00					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T07-A	1	1.58E+03		1.58E+03	1.50	2.20	7.00					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T08-A	1	8.40E+02		8.40E+02	1.77	2.20	7.00					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T09-A	1	1.52E+03		1.52E+03	2.54	2.20	7.00					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T01-B	1	8.41E+01		8.41E+01	1.93	2.20	7.00					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T02-B	1	4.10E+02		4.10E+02	1.32	2.20	7.00					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T03-B	1	3.77E+02		3.77E+02	0.89	2.20	7.00	10000	1000	1.41E+03	103%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T04-B	1	1.15E+03		1.15E+03	0.69	2.20	7.00					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T05-B	1	1.26E+03		1.26E+03	1.63	2.20	7.00					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T06-B	1	1.79E+03		1.79E+03	1.69	2.20	7.00					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T07-B	1	1.54E+03		1.54E+03	1.36	2.20	7.00					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T08-B	1	8.08E+02		8.08E+02	0.25	2.20	7.00					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T09-B	1	1.34E+03		1.34E+03	1.03	2.20	7.00					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T01-C	1	7.30E+01		7.30E+01	1.43	2.20	7.00					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T02-C	1	4.40E+02		4.40E+02	1.26	2.20	7.00					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T03-C	1	3.60E+02		3.60E+02	0.77	2.20	7.00	10000	1000	1.34E+03	98%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T04-C	1	1.11E+03		1.11E+03	1.54	2.20	7.00					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T05-C	1	1.23E+03		1.23E+03	1.99	2.20	7.00					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T06-C	1	1.88E+03		1.88E+03	1.25	2.20	7.00					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T07-C	1	1.63E+03		1.63E+03	2.00	2.20	7.00					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T08-C	1	8.84E+02		8.84E+02	1.17	2.20	7.00					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T09-C	1	1.31E+03		1.31E+03	5.88	2.20	7.00					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-M01-A	1	1.10E+00	U1/2	1.10E+00	13.44	2.20	7.00					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-M02-A	1	1.10E+00	U1/2	1.10E+00	4.56	2.20	7.00					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-M03-A	1	1.10E+00	U1/2	1.10E+00	24.61	2.20	7.00					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-M04-A	1	1.10E+00	U1/2	1.10E+00	8.19	2.20	7.00					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-M05-A	1	1.10E+00	U1/2	1.10E+00	20.04	2.20	7.00					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-M06-A	1	1.10E+00	U1/2	1.10E+00	18.72	2.20	7.00					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-M07-A	1	1.10E+00	U1/2	1.10E+00	13.02	2.20	7.00					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-M08-A	1	1.10E+00	U1/2	1.10E+00	23.98	2.20	7.00					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-M09-A	1	1.10E+00	U1/2	1.10E+00	36.76	2.20	7.00					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-LRef-1315-T01-A	1	1.06E+04		1.06E+04	1.57	2.60	8.30					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T02-A	1	3.88E+04		3.88E+04	0.22	2.60	8.30					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T03-A	1	4.68E+04		4.68E+04	1.43	2.60	8.30	10000	1000	4.76E+04	85%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T04-A	1	8.73E+04		8.73E+04	1.54	2.60	8.30					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T05-A	1	1.02E+05		1.02E+05	2.21	2.60	8.30					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T06-A	1	1.46E+05		1.46E+05	0.97	2.60	8.30					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T07-A	1	1.38E+05		1.38E+05	1.31	2.60	8.30					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T08-A	1	7.77E+04		7.77E+04	1.70	2.60	8.30					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T09-A	1	1.42E+05		1.42E+05	3.02	2.60	8.30					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T01-B	1	9.53E+03		9.53E+03	1.86	2.60	8.30					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T02-B	1	3.69E+04		3.69E+04	1.29	2.60	8.30					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T03-B	1	4.64E+04		4.64E+04	0.77	2.60	8.30	10000	1000	4.72E+04	86%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T04-B	1	8.31E+04		8.31E+04	0.49	2.60	8.30					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T05-B	1	9.86E+04		9.86E+04	1.52	2.60	8.30					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T06-B	1	1.48E+05		1.48E+05	1.64	2.60	8.30					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T07-B	1	1.34E+05		1.34E+05	2.30	2.60	8.30					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T08-B	1	7.43E+04		7.43E+04	0.29	2.60	8.30					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T09-B	1	1.28E+05		1.28E+05	0.97	2.60	8.30					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T01-C	1	9.66E+03		9.66E+03	2.06	2.60	8.30					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T02-C	1	3.58E+04		3.58E+04	1.79	2.60	8.30					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T03-C	1	4.38E+04		4.38E+04	0.79	2.60	8.30	10000	1000	4.47E+04	90%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T04-C	1	7.81E+04		7.81E+04	1.79	2.60	8.30					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T05-C	1	9.46E+04		9.46E+04	2.19	2.60	8.30					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T06-C	1	1.53E+05		1.53E+05	1.39	2.60	8.30					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T07-C	1	1.44E+05		1.44E+05	1.85	2.60	8.30					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T08-C	1	8.16E+04		8.16E+04	1.22	2.60	8.30					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T09-C	1	1.25E+05		1.25E+05	5.79	2.60	8.30					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-M01-A	1	6.78E+01		6.78E+01	2.06	2.60	8.30					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-M02-A	1	5.38E+01		5.38E+01	6.68	2.60	8.30					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-M03-A	1	2.54E+01		2.54E+01	1.55	2.60	8.30					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-M04-A	1	3.41E+01		3.41E+01	4.97	2.60	8.30					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-M05-A	1	3.70E+01		3.70E+01	1.17	2.60	8.30					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-M06-A	1	5.74E+00	E	5.74E+00	14.44	2.60	8.30					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-M07-A	1	5.49E+00	E	5.49E+00	17.62	2.60	8.30					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-M08-A	1	1.21E+01		1.21E+01	1.48	2.60	8.30					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-M09-A	1	2.78E+01		2.78E+01	7.97	2.60	8.30					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-LRef-1315-T01-A	1	6.00E-01	U1/2	6.00E-01	40.24	1.20	3.82					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T02-A	1	6.00E-01	U1/2	6.00E-01	75.06	1.20	3.82					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T03-A	1	6.00E-01	U1/2	6.00E-01	29.99	1.20	3.82	10000	1000	1.03E+03	103%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T04-A	1	6.00E-01	U1/2	6.00E-01	87.49	1.20	3.82					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T05-A	1	6.00E-01	U1/2	6.00E-01	69.84	1.20	3.82					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T06-A	1	6.00E-01	U1/2	6.00E-01	42.88	1.20	3.82					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T07-A	1	6.00E-01	U1/2	6.00E-01	49.24	1.20	3.82					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T08-A	1	6.00E-01	U1/2	6.00E-01	64.41	1.20	3.82					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T09-A	1	6.00E-01	U1/2	6.00E-01	31.18	1.20	3.82					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T01-B	1	6.00E-01	U1/2	6.00E-01	85.22	1.20	3.82					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T02-B	1	6.00E-01	U1/2	6.00E-01	10.77	1.20	3.82					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T03-B	1	6.00E-01	U1/2	6.00E-01	27.35	1.20	3.82	10000	1000	1.03E+03	103%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T04-B	1	6.00E-01	U1/2	6.00E-01	38.23	1.20	3.82					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T05-B	1	6.00E-01	U1/2	6.00E-01	42.79	1.20	3.82					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T06-B	1	6.00E-01	U1/2	6.00E-01	21.10	1.20	3.82					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T07-B	1	6.00E-01	U1/2	6.00E-01	43.60	1.20	3.82					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T08-B	1	6.00E-01	U1/2	6.00E-01	47.46	1.20	3.82					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T09-B	1	6.00E-01	U1/2	6.00E-01	20.15	1.20	3.82					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T01-C	1	6.00E-01	U1/2	6.00E-01	15.85	1.20	3.82					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T02-C	1	6.00E-01	U1/2	6.00E-01	59.33	1.20	3.82					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T03-C	1	6.00E-01	U1/2	6.00E-01	40.71	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T04-C	1	6.00E-01	U1/2	6.00E-01	59.38	1.20	3.82					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T05-C	1	6.00E-01	U1/2	6.00E-01	12.77	1.20	3.82					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T06-C	1	6.00E-01	U1/2	6.00E-01	68.24	1.20	3.82					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T07-C	1	6.00E-01	U1/2	6.00E-01	79.81	1.20	3.82					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T08-C	1	6.00E-01	U1/2	6.00E-01	124.95	1.20	3.82					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T09-C	1	6.00E-01	U1/2	6.00E-01	15.11	1.20	3.82					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	33.19	1.20	3.82					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	83.14	1.20	3.82					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	6.01	1.20	3.82					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	57.76	1.20	3.82					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	27.15	1.20	3.82					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	31.87	1.20	3.82					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	33.88	1.20	3.82					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	48.56	1.20	3.82					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	28.70	1.20	3.82					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-LRef-1315-T01-A	1	2.39E+00	E	2.39E+00	21.60	1.80	5.72					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T02-A	1	1.36E+01		1.36E+01	9.17	1.80	5.72					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T03-A	1	1.29E+01		1.29E+01	9.75	1.80	5.72	10000	1000	1.02E+03	101%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T04-A	1	3.96E+01		3.96E+01	3.02	1.80	5.72					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T05-A	1	4.50E+01		4.50E+01	1.22	1.80	5.72					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T06-A	1	6.42E+01		6.42E+01	0.80	1.80	5.72					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T07-A	1	5.67E+01		5.67E+01	1.93	1.80	5.72					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T08-A	1	3.16E+01		3.16E+01	3.60	1.80	5.72					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T09-A	1	5.81E+01		5.81E+01	2.83	1.80	5.72					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T01-B	1	2.75E+00	E	2.75E+00	15.96	1.80	5.72					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T02-B	1	1.37E+01		1.37E+01	5.42	1.80	5.72					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T03-B	1	1.14E+01		1.14E+01	12.07	1.80	5.72	10000	1000	1.03E+03	102%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T04-B	1	3.85E+01		3.85E+01	1.48	1.80	5.72					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T05-B	1	4.44E+01		4.44E+01	2.75	1.80	5.72					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T06-B	1	6.36E+01		6.36E+01	1.33	1.80	5.72					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T07-B	1	6.02E+01		6.02E+01	5.79	1.80	5.72					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T08-B	1	3.03E+01		3.03E+01	3.13	1.80	5.72					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T09-B	1	5.02E+01		5.02E+01	4.05	1.80	5.72					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T01-C	1	2.95E+00	E	2.95E+00	12.35	1.80	5.72					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T02-C	1	1.59E+01		1.59E+01	7.23	1.80	5.72					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T03-C	1	1.33E+01		1.33E+01	3.25	1.80	5.72	10000	1000	1.01E+03	100%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T04-C	1	3.95E+01		3.95E+01	1.21	1.80	5.72					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T05-C	1	4.37E+01		4.37E+01	2.29	1.80	5.72					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T06-C	1	6.95E+01		6.95E+01	2.37	1.80	5.72					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T07-C	1	6.31E+01		6.31E+01	3.18	1.80	5.72					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T08-C	1	3.40E+01		3.40E+01	3.10	1.80	5.72					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T09-C	1	5.16E+01		5.16E+01	4.60	1.80	5.72					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	21.97	1.80	5.72					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	58.51	1.80	5.72					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	37.62	1.80	5.72					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	19.63	1.80	5.72					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	60.77	1.80	5.72					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	33.42	1.80	5.72					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	13.02	1.80	5.72					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	31.55	1.80	5.72					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	45.30	1.80	5.72					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-LRef-1315-T01-A	1	1.83E+02		1.83E+02	2.92	3.70	11.80					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T02-A	1	2.70E+02		2.70E+02	0.69	3.70	11.80					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T03-A	1	2.96E+02		2.96E+02	2.15	3.70	11.80	10000	1000	1.18E+03	89%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T04-A	1	5.29E+02		5.29E+02	1.68	3.70	11.80					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T05-A	1	5.16E+02		5.16E+02	1.17	3.70	11.80					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T06-A	1	7.11E+02		7.11E+02	0.41	3.70	11.80					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T07-A	1	7.33E+02		7.33E+02	0.98	3.70	11.80					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T08-A	1	4.88E+02		4.88E+02	1.26	3.70	11.80					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T09-A	1	8.88E+02		8.88E+02	3.10	3.70	11.80					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T01-B	1	1.85E+02		1.85E+02	3.56	3.70	11.80					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T02-B	1	2.75E+02		2.75E+02	1.62	3.70	11.80					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T03-B	1	3.12E+02		3.12E+02	0.31	3.70	11.80	10000	1000	1.25E+03	94%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T04-B	1	4.33E+02		4.33E+02	1.18	3.70	11.80					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T05-B	1	5.01E+02		5.01E+02	2.35	3.70	11.80					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T06-B	1	6.50E+02		6.50E+02	1.74	3.70	11.80					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T07-B	1	7.21E+02		7.21E+02	1.55	3.70	11.80					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T08-B	1	4.84E+02		4.84E+02	1.79	3.70	11.80					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T09-B	1	7.81E+02		7.81E+02	0.64	3.70	11.80					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T01-C	1	1.65E+02		1.65E+02	1.23	3.70	11.80					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T02-C	1	2.28E+02		2.28E+02	0.93	3.70	11.80					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T03-C	1	2.88E+02		2.88E+02	0.70	3.70	11.80	10000	1000	1.26E+03	97%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T04-C	1	4.07E+02		4.07E+02	0.55	3.70	11.80					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T05-C	1	4.61E+02		4.61E+02	1.47	3.70	11.80					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T06-C	1	6.27E+02		6.27E+02	0.82	3.70	11.80					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T07-C	1	6.98E+02		6.98E+02	1.84	3.70	11.80					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T08-C	1	4.89E+02		4.89E+02	1.20	3.70	11.80					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T09-C	1	7.21E+02		7.21E+02	7.82	3.70	11.80					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	1.43	3.70	11.80					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	8.62	3.70	11.80					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	10.22	3.70	11.80					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	11.80	3.70	11.80					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	20.50	3.70	11.80					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	21.35	3.70	11.80					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	43.58	3.70	11.80					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	29.22	3.70	11.80					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	18.20	3.70	11.80					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-LRef-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	19.47	2.00	6.40					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	30.34	2.00	6.40					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	10.79	2.00	6.40	10000	1000	1.06E+03	106%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	1.48	2.00	6.40					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	40.67	2.00	6.40					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	3.07	2.00	6.40					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	10.11	2.00	6.40					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	11.77	2.00	6.40					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	6.59	2.00	6.40					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	8.00	2.00	6.40					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	8.17	2.00	6.40					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	21.09	2.00	6.40	10000	1000	1.06E+03	106%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	11.24	2.00	6.40					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	4.06	2.00	6.40					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	46.72	2.00	6.40					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	9.96	2.00	6.40					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	11.76	2.00	6.40					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	7.54	2.00	6.40					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	26.11	2.00	6.40					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	20.13	2.00	6.40					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	3.90	2.00	6.40	10000	1000	1.05E+03	104%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	13.97	2.00	6.40					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	22.29	2.00	6.40					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	21.59	2.00	6.40					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	16.90	2.00	6.40					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	1.75	2.00	6.40					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	18.66	2.00	6.40					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	16.18	2.00	6.40					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	13.71	2.00	6.40					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	37.05	2.00	6.40					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	11.88	2.00	6.40					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	21.97	2.00	6.40					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	14.80	2.00	6.40					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	18.54	2.00	6.40					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	24.75	2.00	6.40					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	46.57	2.00	6.40					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-LRef-1315-T01-A	1	1.26E+02		1.26E+02	1.40	6.80	21.60					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T02-A	1	1.91E+02		1.91E+02	2.97	6.80	21.60					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T03-A	1	2.20E+02		2.20E+02	2.76	6.80	21.60	10000	1000	1.14E+03	92%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T04-A	1	4.69E+02		4.69E+02	0.94	6.80	21.60					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T05-A	1	3.83E+02		3.83E+02	3.51	6.80	21.60					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T06-A	1	5.40E+02		5.40E+02	1.69	6.80	21.60					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T07-A	1	5.11E+02		5.11E+02	2.19	6.80	21.60					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T08-A	1	3.89E+02		3.89E+02	1.55	6.80	21.60					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T09-A	1	6.92E+02		6.92E+02	2.56	6.80	21.60					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T01-B	1	1.14E+02		1.14E+02	0.38	6.80	21.60					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T02-B	1	2.21E+02		2.21E+02	2.87	6.80	21.60					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T03-B	1	2.40E+02		2.40E+02	1.99	6.80	21.60	10000	1000	1.19E+03	95%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T04-B	1	4.03E+02		4.03E+02	0.38	6.80	21.60					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T05-B	1	3.65E+02		3.65E+02	1.77	6.80	21.60					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T06-B	1	4.97E+02		4.97E+02	2.00	6.80	21.60					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T07-B	1	5.25E+02		5.25E+02	5.95	6.80	21.60					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T08-B	1	3.73E+02		3.73E+02	1.14	6.80	21.60					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T09-B	1	5.57E+02		5.57E+02	2.68	6.80	21.60					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T01-C	1	1.04E+02		1.04E+02	2.73	6.80	21.60					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T02-C	1	2.03E+02		2.03E+02	1.22	6.80	21.60					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T03-C	1	2.45E+02		2.45E+02	2.50	6.80	21.60	10000	1000	1.21E+03	96%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T04-C	1	4.03E+02		4.03E+02	1.45	6.80	21.60					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T05-C	1	3.70E+02		3.70E+02	1.62	6.80	21.60					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T06-C	1	5.50E+02		5.50E+02	1.17	6.80	21.60					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T07-C	1	5.42E+02		5.42E+02	1.16	6.80	21.60					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T08-C	1	3.80E+02		3.80E+02	1.31	6.80	21.60					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T09-C	1	5.09E+02		5.09E+02	5.46	6.80	21.60					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-M01-A	1	3.40E+00	U1/2	3.40E+00	18.61	6.80	21.60					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-M02-A	1	3.40E+00	U1/2	3.40E+00	19.42	6.80	21.60					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-M03-A	1	3.40E+00	U1/2	3.40E+00	16.20	6.80	21.60					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-M04-A	1	3.40E+00	U1/2	3.40E+00	7.55	6.80	21.60					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-M05-A	1	3.40E+00	U1/2	3.40E+00	7.40	6.80	21.60					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-M06-A	1	3.40E+00	U1/2	3.40E+00	10.62	6.80	21.60					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-M07-A	1	3.40E+00	U1/2	3.40E+00	8.37	6.80	21.60					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-M08-A	1	3.40E+00	U1/2	3.40E+00	12.84	6.80	21.60					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-M09-A	1	3.40E+00	U1/2	3.40E+00	21.75	6.80	21.60					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-LRef-1315-T01-A	1	2.09E+00	E	2.09E+00	15.98	1.90	6.00					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T02-A	1	3.56E+00	E	3.56E+00	24.52	1.90	6.00					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T03-A	1	3.28E+00	E	3.28E+00	16.41	1.90	6.00	10000	1000	8.91E+02	89%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T04-A	1	7.58E+00		7.58E+00	2.49	1.90	6.00					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T05-A	1	7.22E+00		7.22E+00	4.94	1.90	6.00					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T06-A	1	8.96E+00		8.96E+00	2.91	1.90	6.00					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T07-A	1	7.98E+00		7.98E+00	5.46	1.90	6.00					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T08-A	1	6.66E+00		6.66E+00	1.97	1.90	6.00					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T09-A	1	1.03E+01		1.03E+01	3.27	1.90	6.00					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T01-B	1	2.17E+00	E	2.17E+00	4.53	1.90	6.00					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T02-B	1	3.13E+00	E	3.13E+00	26.42	1.90	6.00					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T03-B	1	3.14E+00	E	3.14E+00	39.82	1.90	6.00	10000	1000	8.85E+02	88%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T04-B	1	7.51E+00		7.51E+00	4.98	1.90	6.00					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T05-B	1	8.56E+00		8.56E+00	4.12	1.90	6.00					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T06-B	1	7.65E+00		7.65E+00	3.80	1.90	6.00					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T07-B	1	7.63E+00		7.63E+00	13.41	1.90	6.00					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T08-B	1	7.17E+00		7.17E+00	9.01	1.90	6.00					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T09-B	1	8.95E+00		8.95E+00	4.65	1.90	6.00					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T01-C	1	2.08E+00	E	2.08E+00	19.14	1.90	6.00					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T02-C	1	2.59E+00	E	2.59E+00	29.81	1.90	6.00					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T03-C	1	3.37E+00	E	3.37E+00	16.53	1.90	6.00	10000	1000	8.70E+02	87%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T04-C	1	6.75E+00		6.75E+00	2.63	1.90	6.00					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T05-C	1	8.71E+00		8.71E+00	3.02	1.90	6.00					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T06-C	1	7.19E+00		7.19E+00	3.34	1.90	6.00					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T07-C	1	7.74E+00		7.74E+00	4.64	1.90	6.00					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T08-C	1	7.86E+00		7.86E+00	3.11	1.90	6.00					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T09-C	1	8.19E+00		8.19E+00	3.82	1.90	6.00					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-M01-A	1	9.50E-01	U1/2	9.50E-01	8.10	1.90	6.00					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-M02-A	1	9.50E-01	U1/2	9.50E-01	10.74	1.90	6.00					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-M03-A	1	9.50E-01	U1/2	9.50E-01	42.77	1.90	6.00					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-M04-A	1	9.50E-01	U1/2	9.50E-01	37.64	1.90	6.00					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-M05-A	1	9.50E-01	U1/2	9.50E-01	21.52	1.90	6.00					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-M06-A	1	9.50E-01	U1/2	9.50E-01	14.67	1.90	6.00					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-M07-A	1	9.50E-01	U1/2	9.50E-01	35.70	1.90	6.00					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-M08-A	1	9.50E-01	U1/2	9.50E-01	41.46	1.90	6.00					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-M09-A	1	9.50E-01	U1/2	9.50E-01	10.58	1.90	6.00					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-LRef-1315-T01-A	1	4.06E+01		4.06E+01	2.25	2.00	6.40					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T02-A	1	3.15E+02		3.15E+02	1.05	2.00	6.40					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T03-A	1	2.67E+02		2.67E+02	1.31	2.00	6.40	10000	1000	1.20E+03	94%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T04-A	1	9.26E+02		9.26E+02	1.30	2.00	6.40					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T05-A	1	1.06E+03		1.06E+03	0.19	2.00	6.40					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T06-A	1	1.67E+03		1.67E+03	1.21	2.00	6.40					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T07-A	1	1.58E+03		1.58E+03	0.80	2.00	6.40					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T08-A	1	8.59E+02		8.59E+02	0.49	2.00	6.40					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T09-A	1	1.66E+03		1.66E+03	0.73	2.00	6.40					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T01-B	1	5.88E+01		5.88E+01	1.95	2.00	6.40					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T02-B	1	3.14E+02		3.14E+02	1.30	2.00	6.40					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T03-B	1	2.77E+02		2.77E+02	0.53	2.00	6.40	10000	1000	1.32E+03	104%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T04-B	1	9.20E+02		9.20E+02	0.46	2.00	6.40					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T05-B	1	1.05E+03		1.05E+03	0.70	2.00	6.40					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T06-B	1	1.70E+03		1.70E+03	1.52	2.00	6.40					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T07-B	1	1.63E+03		1.63E+03	1.50	2.00	6.40					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T08-B	1	8.13E+02		8.13E+02	1.61	2.00	6.40					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T09-B	1	1.46E+03		1.46E+03	1.37	2.00	6.40					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T01-C	1	4.89E+01		4.89E+01	1.33	2.00	6.40					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T02-C	1	3.78E+02		3.78E+02	1.19	2.00	6.40					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T03-C	1	3.04E+02		3.04E+02	2.30	2.00	6.40	10000	1000	1.26E+03	96%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T04-C	1	1.01E+03		1.01E+03	2.26	2.00	6.40					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T05-C	1	1.20E+03		1.20E+03	2.47	2.00	6.40					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T06-C	1	1.95E+03		1.95E+03	0.45	2.00	6.40					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T07-C	1	1.86E+03		1.86E+03	2.03	2.00	6.40					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T08-C	1	9.97E+02		9.97E+02	0.82	2.00	6.40					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T09-C	1	1.59E+03		1.59E+03	12.19	2.00	6.40					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	0.64	2.00	6.40					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	1.84	2.00	6.40					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	1.73	2.00	6.40					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	13.62	2.00	6.40					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	8.92	2.00	6.40					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	3.83	2.00	6.40					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	23.81	2.00	6.40					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	14.43	2.00	6.40					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	20.42	2.00	6.40					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-LRef-1315-T01-A	1	2.78E+03		2.78E+03	2.03	1.00	3.18					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T02-A	1	2.11E+04		2.11E+04	0.68	1.00	3.18					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T03-A	1	1.70E+04		1.70E+04	1.65	1.00	3.18	10000	1000	1.78E+04	86%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T04-A	1	6.01E+04		6.01E+04	1.67	1.00	3.18					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T05-A	1	6.51E+04		6.51E+04	2.85	1.00	3.18					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T06-A	1	9.51E+04		9.51E+04	1.23	1.00	3.18					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T07-A	1	8.36E+04		8.36E+04	1.62	1.00	3.18					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T08-A	1	4.13E+04		4.13E+04	0.83	1.00	3.18					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T09-A	1	7.29E+04		7.29E+04	2.22	1.00	3.18					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T01-B	1	4.22E+03		4.22E+03	2.05	1.00	3.18					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T02-B	1	2.06E+04		2.06E+04	2.00	1.00	3.18					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T03-B	1	1.73E+04		1.73E+04	0.49	1.00	3.18	10000	1000	1.83E+04	94%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T04-B	1	5.83E+04		5.83E+04	0.62	1.00	3.18					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T05-B	1	6.38E+04		6.38E+04	1.44	1.00	3.18					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T06-B	1	9.31E+04		9.31E+04	0.72	1.00	3.18					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T07-B	1	8.15E+04		8.15E+04	1.52	1.00	3.18					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T08-B	1	3.99E+04		3.99E+04	0.62	1.00	3.18					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T09-B	1	6.69E+04		6.69E+04	0.62	1.00	3.18					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T01-C	1	3.43E+03		3.43E+03	1.51	1.00	3.18					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T02-C	1	2.51E+04		2.51E+04	2.33	1.00	3.18					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T03-C	1	1.81E+04		1.81E+04	1.18	1.00	3.18	10000	1000	1.89E+04	89%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T04-C	1	5.86E+04		5.86E+04	1.69	1.00	3.18					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T05-C	1	6.34E+04		6.34E+04	2.60	1.00	3.18					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T06-C	1	9.43E+04		9.43E+04	0.56	1.00	3.18					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T07-C	1	8.20E+04		8.20E+04	0.54	1.00	3.18					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T08-C	1	4.11E+04		4.11E+04	0.78	1.00	3.18					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T09-C	1	6.18E+04		6.18E+04	5.20	1.00	3.18					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-M01-A	1	1.53E+01		1.53E+01	2.88	1.00	3.18					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-M02-A	1	1.05E+01		1.05E+01	1.34	1.00	3.18					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	1.44	1.00	3.18					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	2.20	1.00	3.18					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	4.86	1.00	3.18					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	15.66	1.00	3.18					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	32.28	1.00	3.18					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	4.00	1.00	3.18					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	2.15	1.00	3.18					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-LRef-1315-T01-A	1	1.54E+00	E	1.54E+00	2.96	1.20	3.82					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T02-A	1	2.49E+00	E	2.49E+00	27.15	1.20	3.82					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T03-A	1	2.24E+00	E	2.24E+00	9.87	1.20	3.82	10000	1000	9.88E+02	99%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T04-A	1	2.83E+00	E	2.83E+00	12.24	1.20	3.82					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T05-A	1	3.22E+00	E	3.22E+00	33.18	1.20	3.82					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T06-A	1	2.81E+00	E	2.81E+00	7.82	1.20	3.82					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T07-A	1	2.22E+00	E	2.22E+00	29.42	1.20	3.82					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T08-A	1	2.24E+00	E	2.24E+00	7.83	1.20	3.82					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T09-A	1	2.01E+00	E	2.01E+00	2.59	1.20	3.82					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T01-B	1	1.23E+00	E	1.23E+00	39.06	1.20	3.82					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T02-B	1	2.41E+00	E	2.41E+00	25.77	1.20	3.82					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T03-B	1	1.90E+00	E	1.90E+00	13.75	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T04-B	1	2.79E+00	E	2.79E+00	15.19	1.20	3.82					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T05-B	1	3.19E+00	E	3.19E+00	11.13	1.20	3.82					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T06-B	1	3.07E+00	E	3.07E+00	10.05	1.20	3.82					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T07-B	1	2.86E+00	E	2.86E+00	9.54	1.20	3.82					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T08-B	1	2.48E+00	E	2.48E+00	30.22	1.20	3.82					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T09-B	1	2.16E+00	E	2.16E+00	18.54	1.20	3.82					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T01-C	1	1.60E+00	E	1.60E+00	102.33	1.20	3.82					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T02-C	1	1.88E+00	E	1.88E+00	16.03	1.20	3.82					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T03-C	1	2.54E+00	E	2.54E+00	27.26	1.20	3.82	10000	1000	9.92E+02	99%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T04-C	1	3.04E+00	E	3.04E+00	4.41	1.20	3.82					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T05-C	1	3.25E+00	E	3.25E+00	31.03	1.20	3.82					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T06-C	1	2.80E+00	E	2.80E+00	17.93	1.20	3.82					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T07-C	1	2.37E+00	E	2.37E+00	13.83	1.20	3.82					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T08-C	1	2.09E+00	E	2.09E+00	2.63	1.20	3.82					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T09-C	1	1.87E+00	E	1.87E+00	4.34	1.20	3.82					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-M01-A	1	6.00E-01	U1/2	6.00E-01	113.95	1.20	3.82					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-M02-A	1	6.00E-01	U1/2	6.00E-01	32.47	1.20	3.82					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-M03-A	1	6.00E-01	U1/2	6.00E-01	32.78	1.20	3.82					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-M04-A	1	6.00E-01	U1/2	6.00E-01	28.16	1.20	3.82					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-M05-A	1	6.00E-01	U1/2	6.00E-01	52.16	1.20	3.82					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-M06-A	1	6.00E-01	U1/2	6.00E-01	22.64	1.20	3.82					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-M07-A	1	6.00E-01	U1/2	6.00E-01	18.21	1.20	3.82					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-M08-A	1	6.00E-01	U1/2	6.00E-01	46.71	1.20	3.82					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-M09-A	1	6.00E-01	U1/2	6.00E-01	57.82	1.20	3.82					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-LRef-1315-T01-A	1	5.54E+00	E	5.54E+00	12.79	1.80	5.70					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T02-A	1	2.38E+01		2.38E+01	3.71	1.80	5.70					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T03-A	1	2.00E+01		2.00E+01	8.65	1.80	5.70	10000	1000	1.04E+03	102%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T04-A	1	6.76E+01		6.76E+01	1.75	1.80	5.70					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T05-A	1	7.56E+01		7.56E+01	3.30	1.80	5.70					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T06-A	1	1.05E+02		1.05E+02	1.55	1.80	5.70					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T07-A	1	9.24E+01		9.24E+01	3.38	1.80	5.70					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T08-A	1	4.26E+01		4.26E+01	5.23	1.80	5.70					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T09-A	1	8.10E+01		8.10E+01	4.77	1.80	5.70					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T01-B	1	6.55E+00		6.55E+00	6.60	1.80	5.70					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T02-B	1	2.34E+01		2.34E+01	3.35	1.80	5.70					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T03-B	1	2.12E+01		2.12E+01	3.82	1.80	5.70	10000	1000	1.04E+03	102%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T04-B	1	6.76E+01		6.76E+01	4.08	1.80	5.70					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T05-B	1	7.20E+01		7.20E+01	3.99	1.80	5.70					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T06-B	1	1.02E+02		1.02E+02	2.31	1.80	5.70					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T07-B	1	8.42E+01		8.42E+01	1.51	1.80	5.70					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T08-B	1	4.43E+01		4.43E+01	0.43	1.80	5.70					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T09-B	1	7.17E+01		7.17E+01	1.27	1.80	5.70					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T01-C	1	5.26E+00	E	5.26E+00	18.89	1.80	5.70					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T02-C	1	2.53E+01		2.53E+01	7.09	1.80	5.70					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T03-C	1	1.97E+01		1.97E+01	12.67	1.80	5.70	10000	1000	1.01E+03	99%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T04-C	1	6.30E+01		6.30E+01	0.88	1.80	5.70					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T05-C	1	6.80E+01		6.80E+01	0.41	1.80	5.70					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T06-C	1	1.02E+02		1.02E+02	1.84	1.80	5.70					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T07-C	1	8.80E+01		8.80E+01	1.27	1.80	5.70					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T08-C	1	4.74E+01		4.74E+01	8.83	1.80	5.70					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T09-C	1	6.78E+01		6.78E+01	6.80	1.80	5.70					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-M01-A	1	9.00E-01	U1/2	9.00E-01	27.54	1.80	5.70					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-M02-A	1	9.00E-01	U1/2	9.00E-01	7.09	1.80	5.70					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-M03-A	1	9.00E-01	U1/2	9.00E-01	5.12	1.80	5.70					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-M04-A	1	9.00E-01	U1/2	9.00E-01	40.69	1.80	5.70					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-M05-A	1	9.00E-01	U1/2	9.00E-01	16.31	1.80	5.70					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-M06-A	1	9.00E-01	U1/2	9.00E-01	5.88	1.80	5.70					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-M07-A	1	9.00E-01	U1/2	9.00E-01	37.94	1.80	5.70					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-M08-A	1	9.00E-01	U1/2	9.00E-01	28.59	1.80	5.70					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-M09-A	1	9.00E-01	U1/2	9.00E-01	7.82	1.80	5.70					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-LRef-1315-T01-A	1	4.21E+00	E	4.21E+00	27.30	3.70	11.80					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T02-A	1	1.05E+01	E	1.05E+01	10.20	3.70	11.80					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T03-A	1	1.06E+01	E	1.06E+01	29.92	3.70	11.80	10000	1000	9.67E+02	96%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T04-A	1	1.14E+01	E	1.14E+01	33.12	3.70	11.80					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T05-A	1	9.01E+00	E	9.01E+00	11.42	3.70	11.80					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T06-A	1	9.00E+00	E	9.00E+00	12.18	3.70	11.80					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T07-A	1	8.35E+00	E	8.35E+00	9.83	3.70	11.80					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T08-A	1	6.80E+00	E	6.80E+00	24.35	3.70	11.80					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T09-A	1	5.36E+00	E	5.36E+00	39.03	3.70	11.80					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T01-B	1	5.70E+00	E	5.70E+00	2.27	3.70	11.80					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T02-B	1	1.52E+01		1.52E+01	1.71	3.70	11.80					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T03-B	1	1.52E+01		1.52E+01	3.25	3.70	11.80	10000	1000	1.01E+03	99%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T04-B	1	1.23E+01		1.23E+01	3.81	3.70	11.80					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T05-B	1	9.22E+00	E	9.22E+00	5.04	3.70	11.80					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T06-B	1	8.55E+00	E	8.55E+00	14.36	3.70	11.80					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T07-B	1	8.17E+00	E	8.17E+00	5.85	3.70	11.80					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T08-B	1	6.13E+00	E	6.13E+00	26.74	3.70	11.80					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T09-B	1	5.81E+00	E	5.81E+00	21.68	3.70	11.80					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T01-C	1	5.62E+00	E	5.62E+00	11.62	3.70	11.80					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T02-C	1	1.08E+01	E	1.08E+01	16.02	3.70	11.80					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T03-C	1	1.14E+01	E	1.14E+01	34.98	3.70	11.80	10000	1000	9.89E+02	98%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T04-C	1	1.06E+01	E	1.06E+01	6.72	3.70	11.80					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T05-C	1	9.10E+00	E	9.10E+00	7.51	3.70	11.80					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T06-C	1	8.13E+00	E	8.13E+00	31.21	3.70	11.80					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T07-C	1	8.15E+00	E	8.15E+00	31.30	3.70	11.80					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T08-C	1	6.45E+00	E	6.45E+00	31.00	3.70	11.80					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T09-C	1	6.71E+00	E	6.71E+00	27.14	3.70	11.80					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-M01-A	1	1.85E+00	U1/2	1.85E+00	56.53	3.70	11.80					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-M02-A	1	1.85E+00	U1/2	1.85E+00	27.31	3.70	11.80					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-M03-A	1	1.85E+00	U1/2	1.85E+00	54.33	3.70	11.80					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-M04-A	1	1.85E+00	U1/2	1.85E+00	25.10	3.70	11.80					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-M05-A	1	1.85E+00	U1/2	1.85E+00	16.89	3.70	11.80					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-M06-A	1	1.85E+00	U1/2	1.85E+00	40.74	3.70	11.80					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-M07-A	1	1.85E+00	U1/2	1.85E+00	33.23	3.70	11.80					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-M08-A	1	1.85E+00	U1/2	1.85E+00	72.19	3.70	11.80					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-M09-A	1	1.85E+00	U1/2	1.85E+00	39.50	3.70	11.80					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-LRef-1315-T01-A	1	2.77E+02		2.77E+02	3.31	1.60	5.09					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T02-A	1	2.66E+03		2.66E+03	0.66	1.60	5.09					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T03-A	1	1.78E+03		1.78E+03	1.83	1.60	5.09	10000	1000	2.65E+03	87%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T04-A	1	6.41E+03		6.41E+03	1.62	1.60	5.09					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T05-A	1	6.60E+03		6.60E+03	2.07	1.60	5.09					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T06-A	1	9.50E+03		9.50E+03	0.84	1.60	5.09					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T07-A	1	7.96E+03		7.96E+03	1.83	1.60	5.09					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T08-A	1	3.69E+03		3.69E+03	1.72	1.60	5.09					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T09-A	1	6.85E+03		6.85E+03	2.98	1.60	5.09					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T01-B	1	3.65E+02		3.65E+02	1.60	1.60	5.09					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T02-B	1	2.65E+03		2.65E+03	1.29	1.60	5.09					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T03-B	1	1.82E+03		1.82E+03	0.60	1.60	5.09	10000	1000	2.76E+03	94%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T04-B	1	6.39E+03		6.39E+03	0.39	1.60	5.09					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T05-B	1	6.59E+03		6.59E+03	1.60	1.60	5.09					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T06-B	1	9.52E+03		9.52E+03	1.43	1.60	5.09					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T07-B	1	8.11E+03		8.11E+03	1.91	1.60	5.09					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T08-B	1	3.58E+03		3.58E+03	0.49	1.60	5.09					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T09-B	1	6.00E+03		6.00E+03	0.89	1.60	5.09					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T01-C	1	3.21E+02		3.21E+02	0.19	1.60	5.09					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T02-C	1	2.85E+03		2.85E+03	1.35	1.60	5.09					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T03-C	1	1.80E+03		1.80E+03	0.89	1.60	5.09	10000	1000	2.75E+03	95%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T04-C	1	6.47E+03		6.47E+03	1.90	1.60	5.09					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T05-C	1	6.47E+03		6.47E+03	2.00	1.60	5.09					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T06-C	1	9.93E+03		9.93E+03	1.27	1.60	5.09					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T07-C	1	8.10E+03		8.10E+03	2.08	1.60	5.09					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T08-C	1	3.90E+03		3.90E+03	1.59	1.60	5.09					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T09-C	1	5.79E+03		5.79E+03	6.07	1.60	5.09					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-M01-A	1	3.74E+01		3.74E+01	3.43	1.60	5.09					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-M02-A	1	2.57E+01		2.57E+01	4.66	1.60	5.09					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-M03-A	1	2.69E+01		2.69E+01	4.92	1.60	5.09					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-M04-A	1	2.07E+01		2.07E+01	2.02	1.60	5.09					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-M05-A	1	2.43E+01		2.43E+01	2.30	1.60	5.09					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-M06-A	1	1.36E+01		1.36E+01	3.24	1.60	5.09					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-M07-A	1	1.79E+01		1.79E+01	4.22	1.60	5.09					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-M08-A	1	1.02E+01		1.02E+01	6.83	1.60	5.09					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-M09-A	1	1.30E+01		1.30E+01	1.12	1.60	5.09					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-LRef-1315-T01-A	1	1.59E+01	E	1.59E+01	18.57	15.00	47.70					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T02-A	1	2.12E+01	E	2.12E+01	28.77	15.00	47.70					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T03-A	1	3.30E+01	E	3.30E+01	16.84	15.00	47.70	10000	1000	1.02E+03	99%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T04-A	1	7.17E+01		7.17E+01	4.11	15.00	47.70					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T05-A	1	7.04E+01		7.04E+01	9.51	15.00	47.70					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T06-A	1	1.04E+02		1.04E+02	5.56	15.00	47.70					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T07-A	1	8.68E+01		8.68E+01	4.37	15.00	47.70					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T08-A	1	3.97E+01	E	3.97E+01	10.21	15.00	47.70					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T09-A	1	4.06E+01	E	4.06E+01	25.67	15.00	47.70					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T01-B	1	1.55E+01	E	1.55E+01	19.82	15.00	47.70					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T02-B	1	1.74E+01	E	1.74E+01	8.70	15.00	47.70					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T03-B	1	2.65E+01	E	2.65E+01	15.77	15.00	47.70	10000	1000	1.03E+03	100%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T04-B	1	6.83E+01		6.83E+01	4.00	15.00	47.70					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T05-B	1	6.75E+01		6.75E+01	1.47	15.00	47.70					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T06-B	1	9.33E+01		9.33E+01	5.01	15.00	47.70					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T07-B	1	7.24E+01		7.24E+01	8.50	15.00	47.70					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T08-B	1	4.59E+01	E	4.59E+01	23.42	15.00	47.70					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T09-B	1	4.51E+01	E	4.51E+01	17.81	15.00	47.70					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T01-C	1	1.60E+01	E	1.60E+01	6.35	15.00	47.70					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T02-C	1	1.67E+01	E	1.67E+01	9.58	15.00	47.70					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T03-C	1	3.18E+01	E	3.18E+01	11.61	15.00	47.70	10000	1000	1.01E+03	98%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T04-C	1	6.45E+01		6.45E+01	7.76	15.00	47.70					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T05-C	1	5.97E+01		5.97E+01	2.89	15.00	47.70					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T06-C	1	9.52E+01		9.52E+01	10.72	15.00	47.70					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T07-C	1	6.79E+01		6.79E+01	9.62	15.00	47.70					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T08-C	1	3.69E+01	E	3.69E+01	10.51	15.00	47.70					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T09-C	1	4.81E+01		4.81E+01	2.54	15.00	47.70					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-M01-A	1	7.50E+00	U1/2	7.50E+00	25.56	15.00	47.70					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-M02-A	1	7.50E+00	U1/2	7.50E+00	19.12	15.00	47.70					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-M03-A	1	7.50E+00	U1/2	7.50E+00	32.06	15.00	47.70					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-M04-A	1	7.50E+00	U1/2	7.50E+00	11.07	15.00	47.70					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-M05-A	1	7.50E+00	U1/2	7.50E+00	6.42	15.00	47.70					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-M06-A	1	7.50E+00	U1/2	7.50E+00	9.20	15.00	47.70					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-M07-A	1	7.50E+00	U1/2	7.50E+00	17.13	15.00	47.70					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-M08-A	1	7.50E+00	U1/2	7.50E+00	10.96	15.00	47.70					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-M09-A	1	7.50E+00	U1/2	7.50E+00	8.59	15.00	47.70					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-LRef-1315-T01-A	1	5.52E+01		5.52E+01	1.75	1.10	3.50					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T02-A	1	3.06E+02		3.06E+02	0.33	1.10	3.50					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T03-A	1	3.35E+02		3.35E+02	2.31	1.10	3.50	10000	1000	1.32E+03	98%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T04-A	1	9.42E+02		9.42E+02	2.55	1.10	3.50					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T05-A	1	1.08E+03		1.08E+03	2.12	1.10	3.50					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T06-A	1	1.58E+03		1.58E+03	1.22	1.10	3.50					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T07-A	1	1.51E+03		1.51E+03	1.25	1.10	3.50					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T08-A	1	8.39E+02		8.39E+02	1.89	1.10	3.50					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T09-A	1	1.58E+03		1.58E+03	2.41	1.10	3.50					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T01-B	1	6.70E+01		6.70E+01	2.68	1.10	3.50					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T02-B	1	2.90E+02		2.90E+02	0.90	1.10	3.50					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T03-B	1	3.39E+02		3.39E+02	0.90	1.10	3.50	10000	1000	1.34E+03	100%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T04-B	1	8.88E+02		8.88E+02	0.57	1.10	3.50					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T05-B	1	1.04E+03		1.04E+03	0.92	1.10	3.50					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T06-B	1	1.55E+03		1.55E+03	1.67	1.10	3.50					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T07-B	1	1.54E+03		1.54E+03	1.54	1.10	3.50					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T08-B	1	8.18E+02		8.18E+02	0.76	1.10	3.50					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T09-B	1	1.41E+03		1.41E+03	1.12	1.10	3.50					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T01-C	1	6.64E+01		6.64E+01	1.95	1.10	3.50					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T02-C	1	2.94E+02		2.94E+02	1.70	1.10	3.50					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T03-C	1	3.24E+02		3.24E+02	1.53	1.10	3.50	10000	1000	1.37E+03	104%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T04-C	1	8.45E+02		8.45E+02	1.38	1.10	3.50					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T05-C	1	9.71E+02		9.71E+02	1.15	1.10	3.50					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T06-C	1	1.53E+03		1.53E+03	1.70	1.10	3.50					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T07-C	1	1.46E+03		1.46E+03	2.31	1.10	3.50					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T08-C	1	8.50E+02		8.50E+02	0.84	1.10	3.50					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T09-C	1	1.30E+03		1.30E+03	6.47	1.10	3.50					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-M01-A	1	8.31E+01		8.31E+01	3.28	1.10	3.50					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-M02-A	1	7.13E+01		7.13E+01	2.08	1.10	3.50					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-M03-A	1	5.67E+01		5.67E+01	0.77	1.10	3.50					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-M04-A	1	6.21E+01		6.21E+01	1.90	1.10	3.50					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-M05-A	1	4.53E+01		4.53E+01	7.16	1.10	3.50					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-M06-A	1	2.72E+01		2.72E+01	14.60	1.10	3.50					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-M07-A	1	3.88E+01		3.88E+01	15.06	1.10	3.50					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-M08-A	1	2.55E+01		2.55E+01	18.03	1.10	3.50					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-M09-A	1	1.89E+01		1.89E+01	15.56	1.10	3.50					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-LRef-1315-T01-A	1	1.27E+03		1.27E+03	1.45	2.50	8.00					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T02-A	1	1.11E+04		1.11E+04	0.41	2.50	8.00					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T03-A	1	7.54E+03		7.54E+03	0.61	2.50	8.00	10000	1000	8.47E+03	93%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T04-A	1	2.60E+04		2.60E+04	0.74	2.50	8.00					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T05-A	1	2.50E+04		2.50E+04	0.82	2.50	8.00					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T06-A	1	3.46E+04		3.46E+04	0.67	2.50	8.00					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T07-A	1	2.72E+04		2.72E+04	0.26	2.50	8.00					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T08-A	1	1.24E+04		1.24E+04	1.13	2.50	8.00					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T09-A	1	2.10E+04		2.10E+04	0.70	2.50	8.00					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T01-B	1	1.83E+03		1.83E+03	1.19	2.50	8.00					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T02-B	1	1.09E+04		1.09E+04	0.61	2.50	8.00					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T03-B	1	7.60E+03		7.60E+03	0.16	2.50	8.00	10000	1000	8.46E+03	86%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T04-B	1	2.56E+04		2.56E+04	0.64	2.50	8.00					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T05-B	1	2.47E+04		2.47E+04	0.39	2.50	8.00					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T06-B	1	3.46E+04		3.46E+04	0.24	2.50	8.00					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T07-B	1	2.61E+04		2.61E+04	1.00	2.50	8.00					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T08-B	1	1.20E+04		1.20E+04	0.90	2.50	8.00					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T09-B	1	1.86E+04		1.86E+04	0.87	2.50	8.00					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T01-C	1	1.54E+03		1.54E+03	0.47	2.50	8.00					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T02-C	1	1.23E+04		1.23E+04	0.81	2.50	8.00					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T03-C	1	7.49E+03		7.49E+03	0.39	2.50	8.00	10000	1000	8.37E+03	88%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T04-C	1	2.51E+04		2.51E+04	1.10	2.50	8.00					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T05-C	1	2.46E+04		2.46E+04	0.60	2.50	8.00					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T06-C	1	3.50E+04		3.50E+04	0.86	2.50	8.00					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T07-C	1	2.68E+04		2.68E+04	0.94	2.50	8.00					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T08-C	1	1.23E+04		1.23E+04	0.89	2.50	8.00					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T09-C	1	1.77E+04		1.77E+04	2.74	2.50	8.00					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-M01-A	1	4.03E+01		4.03E+01	1.52	2.50	8.00					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-M02-A	1	3.45E+01		3.45E+01	0.64	2.50	8.00					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-M03-A	1	1.85E+01		1.85E+01	3.39	2.50	8.00					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-M04-A	1	2.66E+01		2.66E+01	2.64	2.50	8.00					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-M05-A	1	3.67E+01		3.67E+01	0.73	2.50	8.00					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-M06-A	1	1.79E+01		1.79E+01	1.42	2.50	8.00					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-M07-A	1	1.73E+01		1.73E+01	1.00	2.50	8.00					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-M08-A	1	1.54E+01		1.54E+01	2.20	2.50	8.00					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-M09-A	1	3.22E+01		3.22E+01	3.33	2.50	8.00					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-LRef-1315-T01-A	1	2.87E+01		2.87E+01	1.56	1.00	3.18					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T02-A	1	1.37E+02		1.37E+02	0.31	1.00	3.18					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T03-A	1	1.21E+02		1.21E+02	0.96	1.00	3.18	10000	1000	1.08E+03	96%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T04-A	1	4.03E+02		4.03E+02	1.45	1.00	3.18					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T05-A	1	4.79E+02		4.79E+02	2.10	1.00	3.18					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T06-A	1	7.60E+02		7.60E+02	0.26	1.00	3.18					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T07-A	1	7.49E+02		7.49E+02	2.01	1.00	3.18					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T08-A	1	5.26E+02		5.26E+02	1.84	1.00	3.18					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T09-A	1	7.49E+02		7.49E+02	1.39	1.00	3.18					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T01-B	1	3.66E+01		3.66E+01	1.48	1.00	3.18					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T02-B	1	1.36E+02		1.36E+02	1.41	1.00	3.18					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T03-B	1	1.25E+02		1.25E+02	0.76	1.00	3.18	10000	1000	1.17E+03	105%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T04-B	1	3.93E+02		3.93E+02	0.14	1.00	3.18					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T05-B	1	4.67E+02		4.67E+02	1.16	1.00	3.18					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T06-B	1	7.57E+02		7.57E+02	2.39	1.00	3.18					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T07-B	1	7.15E+02		7.15E+02	5.16	1.00	3.18					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T08-B	1	3.93E+02		3.93E+02	0.59	1.00	3.18					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T09-B	1	6.83E+02		6.83E+02	0.95	1.00	3.18					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T01-C	1	3.06E+01		3.06E+01	1.51	1.00	3.18					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T02-C	1	1.48E+02		1.48E+02	1.59	1.00	3.18					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T03-C	1	1.24E+02		1.24E+02	1.05	1.00	3.18	10000	1000	1.15E+03	103%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T04-C	1	3.91E+02		3.91E+02	1.97	1.00	3.18					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T05-C	1	4.63E+02		4.63E+02	2.34	1.00	3.18					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T06-C	1	7.68E+02		7.68E+02	2.43	1.00	3.18					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T07-C	1	7.30E+02		7.30E+02	2.61	1.00	3.18					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T08-C	1	4.03E+02		4.03E+02	1.43	1.00	3.18					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T09-C	1	6.23E+02		6.23E+02	5.88	1.00	3.18					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	9.49	1.00	3.18					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.35	1.00	3.18					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.89	1.00	3.18					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	8.00	1.00	3.18					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	38.51	1.00	3.18					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	35.36	1.00	3.18					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	30.19	1.00	3.18					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	18.78	1.00	3.18					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	168.97	1.00	3.18					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-LRef-1315-T01-A	1	7.76E+03		7.76E+03	1.85	6.80	21.60					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T02-A	1	5.18E+04		5.18E+04	0.84	6.80	21.60					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T03-A	1	4.38E+04		4.38E+04	1.88	6.80	21.60	10000	1000	4.47E+04	90%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T04-A	1	1.54E+05		1.54E+05	1.33	6.80	21.60					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T05-A	1	1.71E+05		1.71E+05	2.42	6.80	21.60					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T06-A	1	2.49E+05		2.49E+05	0.94	6.80	21.60					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T07-A	1	2.27E+05		2.27E+05	1.62	6.80	21.60					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T08-A	1	1.13E+05		1.13E+05	1.96	6.80	21.60					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T09-A	1	2.15E+05		2.15E+05	2.57	6.80	21.60					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T01-B	1	1.11E+04		1.11E+04	2.00	6.80	21.60					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T02-B	1	4.97E+04		4.97E+04	1.50	6.80	21.60					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T03-B	1	4.42E+04		4.42E+04	0.67	6.80	21.60	10000	1000	4.51E+04	85%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T04-B	1	1.48E+05		1.48E+05	0.81	6.80	21.60					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T05-B	1	1.67E+05		1.67E+05	1.70	6.80	21.60					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T06-B	1	2.49E+05		2.49E+05	1.82	6.80	21.60					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T07-B	1	2.29E+05		2.29E+05	2.13	6.80	21.60					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T08-B	1	1.14E+05		1.14E+05	0.51	6.80	21.60					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T09-B	1	1.96E+05		1.96E+05	1.00	6.80	21.60					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T01-C	1	8.62E+03		8.62E+03	2.19	6.80	21.60					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T02-C	1	5.51E+04		5.51E+04	1.59	6.80	21.60					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T03-C	1	4.28E+04		4.28E+04	0.73	6.80	21.60	10000	1000	4.36E+04	83%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T04-C	1	1.44E+05		1.44E+05	1.84	6.80	21.60					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T05-C	1	1.62E+05		1.62E+05	2.21	6.80	21.60					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T06-C	1	2.57E+05		2.57E+05	1.32	6.80	21.60					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T07-C	1	2.29E+05		2.29E+05	1.68	6.80	21.60					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T08-C	1	1.22E+05		1.22E+05	0.86	6.80	21.60					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T09-C	1	1.87E+05		1.87E+05	5.92	6.80	21.60					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-M01-A	1	2.69E+01		2.69E+01	0.54	6.80	21.60					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-M02-A	1	1.74E+01	E	1.74E+01	4.28	6.80	21.60					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-M03-A	1	2.19E+01		2.19E+01	18.12	6.80	21.60					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-M04-A	1	8.40E+00	E	8.40E+00	6.92	6.80	21.60					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-M05-A	1	8.09E+00	E	8.09E+00	6.25	6.80	21.60					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-M06-A	1	1.39E+01	E	1.39E+01	6.50	6.80	21.60					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-M07-A	1	1.89E+01	E	1.89E+01	5.96	6.80	21.60					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-M08-A	1	9.49E+00	E	9.49E+00	1.07	6.80	21.60					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-M09-A	1	1.15E+01	E	1.15E+01	4.63	6.80	21.60					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-LRef-1315-T01-A	1	6.09E+00	E	6.09E+00	19.46	4.60	14.60					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T02-A	1	9.41E+01		9.41E+01	1.81	4.60	14.60					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T03-A	1	6.56E+01		6.56E+01	5.61	4.60	14.60	10000	1000	1.05E+03	98%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T04-A	1	2.15E+02		2.15E+02	3.03	4.60	14.60					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T05-A	1	2.27E+02		2.27E+02	5.64	4.60	14.60					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T06-A	1	3.19E+02		3.19E+02	2.24	4.60	14.60					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T07-A	1	2.81E+02		2.81E+02	2.78	4.60	14.60					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T08-A	1	1.75E+02		1.75E+02	1.72	4.60	14.60					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T09-A	1	2.56E+02		2.56E+02	5.20	4.60	14.60					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T01-B	1	8.64E+00	E	8.64E+00	20.15	4.60	14.60					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T02-B	1	8.72E+01		8.72E+01	2.39	4.60	14.60					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T03-B	1	7.13E+01		7.13E+01	3.08	4.60	14.60	10000	1000	1.11E+03	104%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T04-B	1	2.17E+02		2.17E+02	2.42	4.60	14.60					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T05-B	1	2.31E+02		2.31E+02	2.95	4.60	14.60					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T06-B	1	3.22E+02		3.22E+02	1.94	4.60	14.60					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T07-B	1	2.82E+02		2.82E+02	3.30	4.60	14.60					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T08-B	1	1.51E+02		1.51E+02	1.74	4.60	14.60					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T09-B	1	2.33E+02		2.33E+02	1.48	4.60	14.60					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T01-C	1	7.39E+00	E	7.39E+00	14.28	4.60	14.60					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T02-C	1	8.96E+01		8.96E+01	5.59	4.60	14.60					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T03-C	1	6.09E+01		6.09E+01	3.04	4.60	14.60	10000	1000	1.07E+03	101%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T04-C	1	2.09E+02		2.09E+02	4.36	4.60	14.60					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T05-C	1	2.20E+02		2.20E+02	4.66	4.60	14.60					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T06-C	1	3.24E+02		3.24E+02	0.58	4.60	14.60					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T07-C	1	2.77E+02		2.77E+02	3.46	4.60	14.60					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T08-C	1	1.59E+02		1.59E+02	0.59	4.60	14.60					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T09-C	1	2.24E+02		2.24E+02	8.42	4.60	14.60					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-M01-A	1	2.30E+00	U1/2	2.30E+00	23.01	4.60	14.60					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-M02-A	1	2.30E+00	U1/2	2.30E+00	49.69	4.60	14.60					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-M03-A	1	2.30E+00	U1/2	2.30E+00	28.24	4.60	14.60					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-M04-A	1	2.30E+00	U1/2	2.30E+00	15.28	4.60	14.60					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-M05-A	1	2.30E+00	U1/2	2.30E+00	64.33	4.60	14.60					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-M06-A	1	2.30E+00	U1/2	2.30E+00	60.98	4.60	14.60					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-M07-A	1	2.30E+00	U1/2	2.30E+00	37.70	4.60	14.60					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-M08-A	1	2.30E+00	U1/2	2.30E+00	8.94	4.60	14.60					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-M09-A	1	2.30E+00	U1/2	2.30E+00	87.41	4.60	14.60					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-LRef-1315-T01-A	1	1.00E+00	U1/2	1.00E+00	66.05	2.00	6.40					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T02-A	1	1.00E+00	U1/2	1.00E+00	56.18	2.00	6.40					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T03-A	1	1.00E+00	U1/2	1.00E+00	21.47	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T04-A	1	1.00E+00	U1/2	1.00E+00	16.75	2.00	6.40					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T05-A	1	1.00E+00	U1/2	1.00E+00	29.71	2.00	6.40					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T06-A	1	1.00E+00	U1/2	1.00E+00	64.08	2.00	6.40					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T07-A	1	1.00E+00	U1/2	1.00E+00	15.75	2.00	6.40					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T08-A	1	1.00E+00	U1/2	1.00E+00	48.30	2.00	6.40					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T09-A	1	1.00E+00	U1/2	1.00E+00	39.83	2.00	6.40					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T01-B	1	1.00E+00	U1/2	1.00E+00	57.47	2.00	6.40					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T02-B	1	1.00E+00	U1/2	1.00E+00	108.38	2.00	6.40					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T03-B	1	1.00E+00	U1/2	1.00E+00	62.32	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T04-B	1	1.00E+00	U1/2	1.00E+00	52.64	2.00	6.40					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T05-B	1	1.00E+00	U1/2	1.00E+00	38.31	2.00	6.40					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T06-B	1	1.00E+00	U1/2	1.00E+00	27.14	2.00	6.40					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T07-B	1	1.00E+00	U1/2	1.00E+00	27.71	2.00	6.40					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T08-B	1	1.00E+00	U1/2	1.00E+00	50.99	2.00	6.40					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T09-B	1	1.00E+00	U1/2	1.00E+00	42.94	2.00	6.40					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T01-C	1	1.00E+00	U1/2	1.00E+00	9.47	2.00	6.40					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T02-C	1	1.00E+00	U1/2	1.00E+00	16.18	2.00	6.40					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T03-C	1	1.00E+00	U1/2	1.00E+00	14.45	2.00	6.40	10000	1000	1.01E+03	101%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T04-C	1	1.00E+00	U1/2	1.00E+00	7.68	2.00	6.40					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T05-C	1	1.00E+00	U1/2	1.00E+00	21.80	2.00	6.40					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T06-C	1	1.00E+00	U1/2	1.00E+00	40.68	2.00	6.40					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T07-C	1	1.00E+00	U1/2	1.00E+00	40.61	2.00	6.40					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T08-C	1	1.00E+00	U1/2	1.00E+00	24.87	2.00	6.40					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T09-C	1	1.00E+00	U1/2	1.00E+00	50.68	2.00	6.40					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-M01-A	1	1.00E+00	U1/2	1.00E+00	37.97	2.00	6.40					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-M02-A	1	1.00E+00	U1/2	1.00E+00	22.03	2.00	6.40					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-M03-A	1	1.00E+00	U1/2	1.00E+00	63.21	2.00	6.40					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-M04-A	1	1.00E+00	U1/2	1.00E+00	14.69	2.00	6.40					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-M05-A	1	1.00E+00	U1/2	1.00E+00	8.82	2.00	6.40					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-M06-A	1	1.00E+00	U1/2	1.00E+00	52.07	2.00	6.40					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-M07-A	1	1.00E+00	U1/2	1.00E+00	41.04	2.00	6.40					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-M08-A	1	1.00E+00	U1/2	1.00E+00	13.65	2.00	6.40					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-M09-A	1	1.00E+00	U1/2	1.00E+00	32.81	2.00	6.40					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-LRef-1315-T01-A	1	1.71E+00	E	1.71E+00	20.72	1.50	4.77					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T02-A	1	1.84E+00	E	1.84E+00	18.80	1.50	4.77					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T03-A	1	2.41E+00	E	2.41E+00	9.72	1.50	4.77	10000	1000	1.00E+03	100%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T04-A	1	7.21E+00		7.21E+00	8.13	1.50	4.77					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T05-A	1	6.38E+00		6.38E+00	1.38	1.50	4.77					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T06-A	1	8.69E+00		8.69E+00	4.64	1.50	4.77					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T07-A	1	8.85E+00		8.85E+00	7.18	1.50	4.77					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T08-A	1	6.97E+00		6.97E+00	3.88	1.50	4.77					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T09-A	1	8.47E+00		8.47E+00	12.14	1.50	4.77					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T01-B	1	1.84E+00	E	1.84E+00	17.29	1.50	4.77					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T02-B	1	2.34E+00	E	2.34E+00	26.48	1.50	4.77					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T03-B	1	2.59E+00	E	2.59E+00	34.43	1.50	4.77	10000	1000	1.01E+03	101%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T04-B	1	5.83E+00		5.83E+00	8.46	1.50	4.77					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T05-B	1	6.71E+00		6.71E+00	2.50	1.50	4.77					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T06-B	1	8.95E+00		8.95E+00	6.91	1.50	4.77					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T07-B	1	8.50E+00		8.50E+00	4.94	1.50	4.77					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T08-B	1	4.76E+00	E	4.76E+00	11.18	1.50	4.77					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T09-B	1	8.67E+00		8.67E+00	1.37	1.50	4.77					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T01-C	1	1.52E+00	E	1.52E+00	8.23	1.50	4.77					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T02-C	1	2.63E+00	E	2.63E+00	6.54	1.50	4.77					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T03-C	1	2.18E+00	E	2.18E+00	16.85	1.50	4.77	10000	1000	9.89E+02	99%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T04-C	1	5.29E+00		5.29E+00	14.51	1.50	4.77					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T05-C	1	5.78E+00		5.78E+00	2.35	1.50	4.77					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T06-C	1	1.01E+01		1.01E+01	1.08	1.50	4.77					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T07-C	1	8.73E+00		8.73E+00	1.41	1.50	4.77					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T08-C	1	6.44E+00		6.44E+00	1.79	1.50	4.77					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T09-C	1	8.09E+00		8.09E+00	2.40	1.50	4.77					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-M01-A	1	7.50E-01	U1/2	7.50E-01	13.98	1.50	4.77					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-M02-A	1	7.50E-01	U1/2	7.50E-01	26.66	1.50	4.77					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-M03-A	1	7.50E-01	U1/2	7.50E-01	24.42	1.50	4.77					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-M04-A	1	7.50E-01	U1/2	7.50E-01	23.02	1.50	4.77					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-M05-A	1	7.50E-01	U1/2	7.50E-01	3.18	1.50	4.77					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-M06-A	1	7.50E-01	U1/2	7.50E-01	7.78	1.50	4.77					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-M07-A	1	7.50E-01	U1/2	7.50E-01	7.34	1.50	4.77					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-M08-A	1	7.50E-01	U1/2	7.50E-01	18.48	1.50	4.77					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-M09-A	1	7.50E-01	U1/2	7.50E-01	8.88	1.50	4.77					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-LRef-1315-T01-A	1	4.32E+02		4.32E+02	2.98	1.00	3.18					VU ICP-OES	6/20/11 3:21 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T02-A	1	2.18E+03		2.18E+03	1.19	1.00	3.18					VU ICP-OES	6/20/11 3:30 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T03-A	1	1.99E+03		1.99E+03	1.72	1.00	3.18	10000	1000	2.93E+03	93%	VU ICP-OES	6/20/11 3:40 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T04-A	1	6.39E+03		6.39E+03	1.17	1.00	3.18					VU ICP-OES	6/20/11 4:03 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T05-A	1	6.95E+03		6.95E+03	1.07	1.00	3.18					VU ICP-OES	6/20/11 4:13 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T06-A	1	9.89E+03		9.89E+03	1.43	1.00	3.18					VU ICP-OES	6/20/11 4:23 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T07-A	1	8.72E+03		8.72E+03	1.83	1.00	3.18					VU ICP-OES	6/20/11 4:46 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T08-A	1	4.78E+03		4.78E+03	0.51	1.00	3.18					VU ICP-OES	6/20/11 4:56 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T09-A	1	8.39E+03		8.39E+03	0.93	1.00	3.18					VU ICP-OES	6/20/11 5:06 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T01-B	1	5.22E+02		5.22E+02	2.24	1.00	3.18					VU ICP-OES	6/20/11 3:22 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T02-B	1	2.21E+03		2.21E+03	1.55	1.00	3.18					VU ICP-OES	6/20/11 3:32 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T03-B	1	1.98E+03		1.98E+03	0.52	1.00	3.18	10000	1000	2.97E+03	98%	VU ICP-OES	6/20/11 3:42 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T04-B	1	5.96E+03		5.96E+03	1.14	1.00	3.18					VU ICP-OES	6/20/11 4:05 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T05-B	1	6.70E+03		6.70E+03	1.28	1.00	3.18					VU ICP-OES	6/20/11 4:15 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T06-B	1	9.72E+03		9.72E+03	1.87	1.00	3.18					VU ICP-OES	6/20/11 4:25 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T07-B	1	8.25E+03		8.25E+03	1.31	1.00	3.18					VU ICP-OES	6/20/11 4:48 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T08-B	1	4.46E+03		4.46E+03	0.61	1.00	3.18					VU ICP-OES	6/20/11 4:58 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T09-B	1	7.47E+03		7.47E+03	1.73	1.00	3.18					VU ICP-OES	6/20/11 5:08 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T01-C	1	4.50E+02		4.50E+02	1.49	1.00	3.18					VU ICP-OES	6/20/11 3:24 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T02-C	1	2.34E+03		2.34E+03	2.53	1.00	3.18					VU ICP-OES	6/20/11 3:34 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T03-C	1	1.89E+03		1.89E+03	2.29	1.00	3.18	10000	1000	2.79E+03	90%	VU ICP-OES	6/20/11 3:44 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T04-C	1	5.62E+03		5.62E+03	2.25	1.00	3.18					VU ICP-OES	6/20/11 4:07 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T05-C	1	6.40E+03		6.40E+03	2.23	1.00	3.18					VU ICP-OES	6/20/11 4:16 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T06-C	1	9.62E+03		9.62E+03	1.07	1.00	3.18					VU ICP-OES	6/20/11 4:26 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T07-C	1	8.85E+03		8.85E+03	2.33	1.00	3.18					VU ICP-OES	6/20/11 4:49 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T08-C	1	4.72E+03		4.72E+03	0.51	1.00	3.18					VU ICP-OES	6/20/11 4:59 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T09-C	1	7.12E+03		7.12E+03	11.86	1.00	3.18					VU ICP-OES	6/20/11 5:09 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-M01-A	1	5.00E-01	U1/2	5.00E-01	3.30	1.00	3.18					VU ICP-OES	6/20/11 3:16 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-M02-A	1	5.00E-01	U1/2	5.00E-01	1.94	1.00	3.18					VU ICP-OES	6/20/11 3:17 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-M03-A	1	5.00E-01	U1/2	5.00E-01	2.72	1.00	3.18					VU ICP-OES	6/20/11 3:19 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-M04-A	1	5.00E-01	U1/2	5.00E-01	2.05	1.00	3.18					VU ICP-OES	6/20/11 3:58 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-M05-A	1	5.00E-01	U1/2	5.00E-01	3.41	1.00	3.18					VU ICP-OES	6/20/11 4:00 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-M06-A	1	5.00E-01	U1/2	5.00E-01	9.68	1.00	3.18					VU ICP-OES	6/20/11 4:02 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-M07-A	1	5.00E-01	U1/2	5.00E-01	6.98	1.00	3.18					VU ICP-OES	6/20/11 4:41 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-M08-A	1	5.00E-01	U1/2	5.00E-01	2.39	1.00	3.18					VU ICP-OES	6/20/11 4:43 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-M09-A	1	5.00E-01	U1/2	5.00E-01	4.73	1.00	3.18					VU ICP-OES	6/20/11 4:44 PM	EPA Interlab LRef 1315 CFS

QA-QC Spreadsheet 1315:

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Al	CFS-LRef-1315-T01-D	1	9.01E+00		9.01E+00	3.86	1.00	3.18					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T02-D	1	2.05E+01		2.05E+01	1.59	1.00	3.18					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T03-D	1	1.85E+01		1.85E+01	4.91	1.00	3.18	10000	1000	1.09E+03	107%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T04-D	1	4.52E+01		4.52E+01	6.41	1.00	3.18					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T05-D	1	4.20E+01		4.20E+01	7.74	1.00	3.18					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T06-D	1	4.74E+01		4.74E+01	3.51	1.00	3.18					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T07-D	1	4.95E+01		4.95E+01	1.91	1.00	3.18					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T08-D	1	4.90E+01		4.90E+01	10.90	1.00	3.18					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T09-D	1	4.74E+01		4.74E+01	0.84	1.00	3.18					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T01-E	1	9.35E+00		9.35E+00	9.29	1.00	3.18					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T02-E	1	2.12E+01		2.12E+01	8.32	1.00	3.18					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T03-E	1	2.00E+01		2.00E+01	3.11	1.00	3.18	10000	1000	1.07E+03	105%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T04-E	1	3.05E+01		3.05E+01	7.73	1.00	3.18					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T05-E	1	3.39E+01		3.39E+01	7.09	1.00	3.18					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T06-E	1	4.67E+01		4.67E+01	4.09	1.00	3.18					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T07-E	1	4.74E+01		4.74E+01	2.59	1.00	3.18					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T08-E	1	2.97E+01		2.97E+01	3.70	1.00	3.18					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T09-E	1	4.33E+01		4.33E+01	9.41	1.00	3.18					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T01-F	1	9.42E+00		9.42E+00	5.42	1.00	3.18					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T02-F	1	2.34E+01		2.34E+01	1.76	1.00	3.18					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T03-F	1	3.28E+01		3.28E+01	8.14	1.00	3.18	10000	1000	1.10E+03	106%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T04-F	1	3.34E+01		3.34E+01	5.68	1.00	3.18					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T05-F	1	3.51E+01		3.51E+01	10.55	1.00	3.18					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T06-F	1	4.71E+01		4.71E+01	1.29	1.00	3.18					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T07-F	1	4.51E+01		4.51E+01	7.79	1.00	3.18					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T08-F	1	3.23E+01		3.23E+01	2.20	1.00	3.18					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Al	CFS-LRef-1315-T09-F	1	4.57E+01		4.57E+01	1.69	1.00	3.18					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sb	CFS-LRef-1315-T01-D	1	8.75E+00	E	8.75E+00	7.24	7.50	23.90					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T02-D	1	9.03E+00	E	9.03E+00	11.73	7.50	23.90					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T03-D	1	9.95E+00	E	9.95E+00	23.70	7.50	23.90	10000	1000	1.04E+03	103%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T04-D	1	1.01E+01	E	1.01E+01	27.52	7.50	23.90					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T05-D	1	1.16E+01	E	1.16E+01	12.25	7.50	23.90					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T06-D	1	1.25E+01	E	1.25E+01	10.97	7.50	23.90					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T07-D	1	1.03E+01	E	1.03E+01	6.44	7.50	23.90					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T08-D	1	9.28E+00	E	9.28E+00	10.30	7.50	23.90					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T09-D	1	9.64E+00	E	9.64E+00	7.82	7.50	23.90					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T01-E	1	9.04E+00	E	9.04E+00	9.48	7.50	23.90					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T02-E	1	9.47E+00	E	9.47E+00	10.07	7.50	23.90					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T03-E	1	1.03E+01	E	1.03E+01	23.76	7.50	23.90	10000	1000	1.01E+03	100%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T04-E	1	1.19E+01	E	1.19E+01	28.53	7.50	23.90					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T05-E	1	1.17E+01	E	1.17E+01	13.06	7.50	23.90					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T06-E	1	1.01E+01	E	1.01E+01	19.98	7.50	23.90					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T07-E	1	9.94E+00	E	9.94E+00	10.88	7.50	23.90					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T08-E	1	9.26E+00	E	9.26E+00	7.53	7.50	23.90					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T09-E	1	8.84E+00	E	8.84E+00	3.76	7.50	23.90					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T01-F	1	9.17E+00	E	9.17E+00	6.69	7.50	23.90					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T02-F	1	9.34E+00	E	9.34E+00	13.44	7.50	23.90					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T03-F	1	1.12E+01	E	1.12E+01	8.12	7.50	23.90	10000	1000	1.03E+03	102%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T04-F	1	1.56E+01	E	1.56E+01	25.08	7.50	23.90					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T05-F	1	1.15E+01	E	1.15E+01	18.19	7.50	23.90					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T06-F	1	1.18E+01	E	1.18E+01	22.53	7.50	23.90					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T07-F	1	1.05E+01	E	1.05E+01	11.37	7.50	23.90					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T08-F	1	9.83E+00	E	9.83E+00	6.26	7.50	23.90					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Sb	CFS-LRef-1315-T09-F	1	9.30E+00	E	9.30E+00	5.41	7.50	23.90					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
As	CFS-LRef-1315-T01-D	1	5.50E+00	U1/2	5.50E+00	19.96	11.00	35.00					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T02-D	1	5.50E+00	U1/2	5.50E+00	24.35	11.00	35.00					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T03-D	1	1.14E+01	E	1.14E+01	20.73	11.00	35.00	10000	1000	1.03E+03	102%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T04-D	1	1.44E+01	E	1.44E+01	24.81	11.00	35.00					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T05-D	1	1.69E+01	E	1.69E+01	29.66	11.00	35.00					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T06-D	1	1.42E+01	E	1.42E+01	32.87	11.00	35.00					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T07-D	1	1.27E+01	E	1.27E+01	37.86	11.00	35.00					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T08-D	1	5.50E+00	U1/2	5.50E+00	21.16	11.00	35.00					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T09-D	1	5.50E+00	U1/2	5.50E+00	9.43	11.00	35.00					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T01-E	1	5.50E+00	U1/2	5.50E+00	49.22	11.00	35.00					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T02-E	1	5.50E+00	U1/2	5.50E+00	35.46	11.00	35.00					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T03-E	1	1.21E+01	E	1.21E+01	55.43	11.00	35.00	10000	1000	1.01E+03	100%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T04-E	1	1.57E+01	E	1.57E+01	26.36	11.00	35.00					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T05-E	1	1.76E+01	E	1.76E+01	35.51	11.00	35.00					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T06-E	1	1.25E+01	E	1.25E+01	14.84	11.00	35.00					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T07-E	1	1.33E+01	E	1.33E+01	24.32	11.00	35.00					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T08-E	1	1.25E+01	E	1.25E+01	34.44	11.00	35.00					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T09-E	1	5.50E+00	U1/2	5.50E+00	24.09	11.00	35.00					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T01-F	1	5.50E+00	U1/2	5.50E+00	24.56	11.00	35.00					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T02-F	1	5.50E+00	U1/2	5.50E+00	9.88	11.00	35.00					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T03-F	1	1.17E+01	E	1.17E+01	18.71	11.00	35.00	10000	1000	1.01E+03	100%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T04-F	1	1.54E+01	E	1.54E+01	10.53	11.00	35.00					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T05-F	1	1.73E+01	E	1.73E+01	25.34	11.00	35.00					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T06-F	1	1.23E+01	E	1.23E+01	16.39	11.00	35.00					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T07-F	1	1.16E+01	E	1.16E+01	27.58	11.00	35.00					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T08-F	1	1.13E+01	E	1.13E+01	28.30	11.00	35.00					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
As	CFS-LRef-1315-T09-F	1	5.50E+00	U1/2	5.50E+00	33.36	11.00	35.00					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
B	CFS-LRef-1315-T01-D	1	1.90E+01		1.90E+01	7.20	1.00	3.18					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T02-D	1	5.04E+01		5.04E+01	4.00	1.00	3.18					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T03-D	1	4.45E+01		4.45E+01	2.52	1.00	3.18	10000	1000	1.12E+03	107%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T04-D	1	1.23E+02		1.23E+02	2.91	1.00	3.18					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T05-D	1	1.23E+02		1.23E+02	0.75	1.00	3.18					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T06-D	1	1.80E+02		1.80E+02	1.28	1.00	3.18					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T07-D	1	1.61E+02		1.61E+02	0.56	1.00	3.18					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T08-D	1	7.38E+01		7.38E+01	2.49	1.00	3.18					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T09-D	1	1.30E+02		1.30E+02	3.51	1.00	3.18					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T01-E	1	1.60E+01		1.60E+01	1.16	1.00	3.18					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T02-E	1	5.60E+01		5.60E+01	3.55	1.00	3.18					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T03-E	1	4.37E+01		4.37E+01	2.47	1.00	3.18	10000	1000	1.14E+03	109%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T04-E	1	1.08E+02		1.08E+02	1.50	1.00	3.18					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T05-E	1	1.21E+02		1.21E+02	0.91	1.00	3.18					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T06-E	1	1.77E+02		1.77E+02	1.35	1.00	3.18					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T07-E	1	1.60E+02		1.60E+02	1.48	1.00	3.18					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T08-E	1	6.85E+01		6.85E+01	5.68	1.00	3.18					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T09-E	1	1.23E+02		1.23E+02	4.67	1.00	3.18					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T01-F	1	1.57E+01		1.57E+01	6.72	1.00	3.18					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T02-F	1	4.43E+01		4.43E+01	4.24	1.00	3.18					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T03-F	1	4.22E+01		4.22E+01	1.10	1.00	3.18	10000	1000	1.14E+03	110%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T04-F	1	1.14E+02		1.14E+02	1.12	1.00	3.18					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T05-F	1	1.19E+02		1.19E+02	5.05	1.00	3.18					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T06-F	1	1.83E+02		1.83E+02	0.90	1.00	3.18					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T07-F	1	1.62E+02		1.62E+02	1.50	1.00	3.18					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T08-F	1	7.34E+01		7.34E+01	4.17	1.00	3.18					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
B	CFS-LRef-1315-T09-F	1	1.24E+02		1.24E+02	1.09	1.00	3.18					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ba	CFS-LRef-1315-T01-D	1	2.08E+01		2.08E+01	2.00	1.00	3.18					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T02-D	1	2.33E+01		2.33E+01	0.93	1.00	3.18					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T03-D	1	2.81E+01		2.81E+01	0.87	1.00	3.18	10000	1000	1.08E+03	105%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T04-D	1	2.94E+01		2.94E+01	0.79	1.00	3.18					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T05-D	1	3.48E+01		3.48E+01	1.04	1.00	3.18					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T06-D	1	3.87E+01		3.87E+01	0.44	1.00	3.18					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T07-D	1	3.64E+01		3.64E+01	1.05	1.00	3.18					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T08-D	1	2.36E+01		2.36E+01	9.49	1.00	3.18					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T09-D	1	3.22E+01		3.22E+01	2.64	1.00	3.18					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T01-E	1	1.97E+01		1.97E+01	0.64	1.00	3.18					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T02-E	1	2.00E+01		2.00E+01	1.05	1.00	3.18					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T03-E	1	2.54E+01		2.54E+01	1.89	1.00	3.18	10000	1000	1.07E+03	104%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T04-E	1	2.68E+01		2.68E+01	1.80	1.00	3.18					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T05-E	1	3.60E+01		3.60E+01	2.70	1.00	3.18					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T06-E	1	3.97E+01		3.97E+01	1.21	1.00	3.18					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T07-E	1	3.90E+01		3.90E+01	0.95	1.00	3.18					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T08-E	1	2.46E+01		2.46E+01	3.05	1.00	3.18					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T09-E	1	3.22E+01		3.22E+01	3.26	1.00	3.18					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T01-F	1	1.92E+01		1.92E+01	2.17	1.00	3.18					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T02-F	1	2.15E+01		2.15E+01	2.44	1.00	3.18					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T03-F	1	2.72E+01		2.72E+01	2.60	1.00	3.18	10000	1000	1.07E+03	104%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T04-F	1	3.05E+01		3.05E+01	2.31	1.00	3.18					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T05-F	1	3.59E+01		3.59E+01	3.57	1.00	3.18					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T06-F	1	3.88E+01		3.88E+01	1.63	1.00	3.18					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T07-F	1	3.78E+01		3.78E+01	0.73	1.00	3.18					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T08-F	1	2.53E+01		2.53E+01	1.10	1.00	3.18					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Ba	CFS-LRef-1315-T09-F	1	3.16E+01		3.16E+01	1.17	1.00	3.18					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Be	CFS-LRef-1315-T01-D	1	9.50E-01	U1/2	9.50E-01	9.25	1.90	6.00					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T02-D	1	9.50E-01	U1/2	9.50E-01	32.32	1.90	6.00					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T03-D	1	9.50E-01	U1/2	9.50E-01	17.09	1.90	6.00	10000	1000	1.04E+03	104%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T04-D	1	9.50E-01	U1/2	9.50E-01	48.43	1.90	6.00					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T05-D	1	9.50E-01	U1/2	9.50E-01	40.98	1.90	6.00					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T06-D	1	9.50E-01	U1/2	9.50E-01	23.75	1.90	6.00					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T07-D	1	9.50E-01	U1/2	9.50E-01	15.88	1.90	6.00					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T08-D	1	9.50E-01	U1/2	9.50E-01	35.17	1.90	6.00					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T09-D	1	9.50E-01	U1/2	9.50E-01	29.55	1.90	6.00					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T01-E	1	9.50E-01	U1/2	9.50E-01	13.06	1.90	6.00					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T02-E	1	9.50E-01	U1/2	9.50E-01	16.24	1.90	6.00					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T03-E	1	9.50E-01	U1/2	9.50E-01	113.88	1.90	6.00	10000	1000	1.02E+03	102%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T04-E	1	9.50E-01	U1/2	9.50E-01	10.71	1.90	6.00					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T05-E	1	9.50E-01	U1/2	9.50E-01	47.23	1.90	6.00					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T06-E	1	9.50E-01	U1/2	9.50E-01	67.43	1.90	6.00					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T07-E	1	9.50E-01	U1/2	9.50E-01	10.77	1.90	6.00					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T08-E	1	9.50E-01	U1/2	9.50E-01	66.30	1.90	6.00					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T09-E	1	9.50E-01	U1/2	9.50E-01	43.13	1.90	6.00					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T01-F	1	9.50E-01	U1/2	9.50E-01	36.49	1.90	6.00					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T02-F	1	9.50E-01	U1/2	9.50E-01	26.17	1.90	6.00					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T03-F	1	9.50E-01	U1/2	9.50E-01	52.76	1.90	6.00	10000	1000	1.04E+03	104%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T04-F	1	9.50E-01	U1/2	9.50E-01	53.19	1.90	6.00					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T05-F	1	9.50E-01	U1/2	9.50E-01	16.02	1.90	6.00					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T06-F	1	9.50E-01	U1/2	9.50E-01	18.75	1.90	6.00					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T07-F	1	9.50E-01	U1/2	9.50E-01	34.73	1.90	6.00					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T08-F	1	9.50E-01	U1/2	9.50E-01	87.53	1.90	6.00					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Be	CFS-LRef-1315-T09-F	1	9.50E-01	U1/2	9.50E-01	63.17	1.90	6.00					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cd	CFS-LRef-1315-T01-D	1	8.59E+01		8.59E+01	2.71	2.20	7.00					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T02-D	1	4.07E+02		4.07E+02	0.13	2.20	7.00					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T03-D	1	4.15E+02		4.15E+02	0.92	2.20	7.00	10000	1000	1.36E+03	94%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T04-D	1	1.22E+03		1.22E+03	1.37	2.20	7.00					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T05-D	1	1.21E+03		1.21E+03	0.65	2.20	7.00					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T06-D	1	1.74E+03		1.74E+03	0.65	2.20	7.00					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T07-D	1	1.63E+03		1.63E+03	0.45	2.20	7.00					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T08-D	1	7.91E+02		7.91E+02	1.84	2.20	7.00					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T09-D	1	1.43E+03		1.43E+03	1.34	2.20	7.00					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T01-E	1	7.42E+01		7.42E+01	1.32	2.20	7.00					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T02-E	1	4.67E+02		4.67E+02	1.44	2.20	7.00					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T03-E	1	3.72E+02		3.72E+02	1.38	2.20	7.00	10000	1000	1.40E+03	103%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T04-E	1	1.05E+03		1.05E+03	1.75	2.20	7.00					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T05-E	1	1.18E+03		1.18E+03	0.73	2.20	7.00					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T06-E	1	1.75E+03		1.75E+03	1.49	2.20	7.00					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T07-E	1	1.64E+03		1.64E+03	1.48	2.20	7.00					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T08-E	1	7.41E+02		7.41E+02	1.06	2.20	7.00					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T09-E	1	1.27E+03		1.27E+03	2.69	2.20	7.00					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T01-F	1	6.60E+01		6.60E+01	2.68	2.20	7.00					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T02-F	1	3.47E+02		3.47E+02	2.30	2.20	7.00					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T03-F	1	3.60E+02		3.60E+02	3.53	2.20	7.00	10000	1000	1.35E+03	99%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T04-F	1	1.08E+03		1.08E+03	1.71	2.20	7.00					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T05-F	1	1.17E+03		1.17E+03	1.74	2.20	7.00					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T06-F	1	1.76E+03		1.76E+03	0.64	2.20	7.00					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T07-F	1	1.60E+03		1.60E+03	0.98	2.20	7.00					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T08-F	1	7.24E+02		7.24E+02	1.00	2.20	7.00					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Cd	CFS-LRef-1315-T09-F	1	1.31E+03		1.31E+03	1.73	2.20	7.00					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ca	CFS-LRef-1315-T01-D	1	1.01E+04		1.01E+04	2.43	2.60	8.30					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T02-D	1	4.14E+04		4.14E+04	0.13	2.60	8.30					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T03-D	1	5.29E+04		5.29E+04	1.01	2.60	8.30	10000	1000	5.38E+04	89%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T04-D	1	9.92E+04		9.92E+04	1.00	2.60	8.30					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T05-D	1	1.05E+05		1.05E+05	0.06	2.60	8.30					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T06-D	1	1.53E+05		1.53E+05	0.68	2.60	8.30					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T07-D	1	1.54E+05		1.54E+05	0.38	2.60	8.30					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T08-D	1	7.73E+04		7.73E+04	0.74	2.60	8.30					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T09-D	1	1.48E+05		1.48E+05	1.45	2.60	8.30					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T01-E	1	1.05E+04		1.05E+04	1.51	2.60	8.30					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T02-E	1	4.18E+04		4.18E+04	1.51	2.60	8.30					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T03-E	1	5.78E+04		5.78E+04	1.53	2.60	8.30	10000	1000	5.87E+04	88%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T04-E	1	8.77E+04		8.77E+04	1.50	2.60	8.30					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T05-E	1	9.37E+04		9.37E+04	1.16	2.60	8.30					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T06-E	1	1.43E+05		1.43E+05	1.48	2.60	8.30					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T07-E	1	1.43E+05		1.43E+05	1.60	2.60	8.30					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T08-E	1	6.84E+04		6.84E+04	1.06	2.60	8.30					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T09-E	1	1.24E+05		1.24E+05	2.23	2.60	8.30					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T01-F	1	1.00E+04		1.00E+04	1.59	2.60	8.30					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T02-F	1	3.60E+04		3.60E+04	2.54	2.60	8.30					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T03-F	1	5.69E+04		5.69E+04	3.83	2.60	8.30	10000	1000	5.77E+04	83%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T04-F	1	8.89E+04		8.89E+04	1.75	2.60	8.30					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T05-F	1	9.24E+04		9.24E+04	1.86	2.60	8.30					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T06-F	1	1.45E+05		1.45E+05	0.59	2.60	8.30					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T07-F	1	1.40E+05		1.40E+05	0.94	2.60	8.30					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T08-F	1	6.75E+04		6.75E+04	0.75	2.60	8.30					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Ca	CFS-LRef-1315-T09-F	1	1.26E+05		1.26E+05	1.94	2.60	8.30					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cr	CFS-LRef-1315-T01-D	1	6.00E-01	U1/2	6.00E-01	70.11	1.20	3.82					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T02-D	1	6.00E-01	U1/2	6.00E-01	6.65	1.20	3.82					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T03-D	1	6.00E-01	U1/2	6.00E-01	10.07	1.20	3.82	10000	1000	1.03E+03	103%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T04-D	1	6.00E-01	U1/2	6.00E-01	31.76	1.20	3.82					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T05-D	1	6.00E-01	U1/2	6.00E-01	12.69	1.20	3.82					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T06-D	1	6.00E-01	U1/2	6.00E-01	30.52	1.20	3.82					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T07-D	1	6.00E-01	U1/2	6.00E-01	13.29	1.20	3.82					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T08-D	1	6.00E-01	U1/2	6.00E-01	45.14	1.20	3.82					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T09-D	1	6.00E-01	U1/2	6.00E-01	77.03	1.20	3.82					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T01-E	1	6.00E-01	U1/2	6.00E-01	18.45	1.20	3.82					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T02-E	1	6.00E-01	U1/2	6.00E-01	59.69	1.20	3.82					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T03-E	1	6.00E-01	U1/2	6.00E-01	43.90	1.20	3.82	10000	1000	1.02E+03	102%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T04-E	1	6.00E-01	U1/2	6.00E-01	22.31	1.20	3.82					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T05-E	1	6.00E-01	U1/2	6.00E-01	57.49	1.20	3.82					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T06-E	1	6.00E-01	U1/2	6.00E-01	12.45	1.20	3.82					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T07-E	1	6.00E-01	U1/2	6.00E-01	42.51	1.20	3.82					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T08-E	1	6.00E-01	U1/2	6.00E-01	23.09	1.20	3.82					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T09-E	1	6.00E-01	U1/2	6.00E-01	61.35	1.20	3.82					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T01-F	1	6.00E-01	U1/2	6.00E-01	22.85	1.20	3.82					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T02-F	1	6.00E-01	U1/2	6.00E-01	6.11	1.20	3.82					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T03-F	1	6.00E-01	U1/2	6.00E-01	9.73	1.20	3.82	10000	1000	1.02E+03	102%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T04-F	1	6.00E-01	U1/2	6.00E-01	39.68	1.20	3.82					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T05-F	1	6.00E-01	U1/2	6.00E-01	46.34	1.20	3.82					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T06-F	1	6.00E-01	U1/2	6.00E-01	218.47	1.20	3.82					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T07-F	1	6.00E-01	U1/2	6.00E-01	11.79	1.20	3.82					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T08-F	1	6.00E-01	U1/2	6.00E-01	11.69	1.20	3.82					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Cr	CFS-LRef-1315-T09-F	1	6.00E-01	U1/2	6.00E-01	6.50	1.20	3.82					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Co	CFS-LRef-1315-T01-D	1	3.65E+00	E	3.65E+00	23.83	1.80	5.72					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T02-D	1	1.25E+01		1.25E+01	3.61	1.80	5.72					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T03-D	1	1.43E+01		1.43E+01	2.25	1.80	5.72	10000	1000	1.05E+03	104%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T04-D	1	3.91E+01		3.91E+01	2.82	1.80	5.72					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T05-D	1	4.16E+01		4.16E+01	2.65	1.80	5.72					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T06-D	1	6.03E+01		6.03E+01	1.39	1.80	5.72					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T07-D	1	5.89E+01		5.89E+01	1.31	1.80	5.72					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T08-D	1	2.80E+01		2.80E+01	8.68	1.80	5.72					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T09-D	1	5.17E+01		5.17E+01	0.91	1.80	5.72					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T01-E	1	3.91E+00	E	3.91E+00	11.75	1.80	5.72					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T02-E	1	1.68E+01		1.68E+01	4.86	1.80	5.72					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T03-E	1	1.25E+01		1.25E+01	6.95	1.80	5.72	10000	1000	1.05E+03	103%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T04-E	1	3.83E+01		3.83E+01	5.85	1.80	5.72					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T05-E	1	4.10E+01		4.10E+01	3.57	1.80	5.72					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T06-E	1	6.83E+01		6.83E+01	2.02	1.80	5.72					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T07-E	1	6.60E+01		6.60E+01	1.50	1.80	5.72					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T08-E	1	3.06E+01		3.06E+01	2.61	1.80	5.72					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T09-E	1	4.94E+01		4.94E+01	5.05	1.80	5.72					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T01-F	1	2.53E+00	E	2.53E+00	26.68	1.80	5.72					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T02-F	1	1.18E+01		1.18E+01	10.01	1.80	5.72					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T03-F	1	1.24E+01		1.24E+01	5.67	1.80	5.72	10000	1000	1.07E+03	105%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T04-F	1	3.63E+01		3.63E+01	4.11	1.80	5.72					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T05-F	1	4.59E+01		4.59E+01	5.17	1.80	5.72					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T06-F	1	6.22E+01		6.22E+01	1.86	1.80	5.72					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T07-F	1	5.90E+01		5.90E+01	2.13	1.80	5.72					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T08-F	1	2.69E+01		2.69E+01	6.62	1.80	5.72					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Co	CFS-LRef-1315-T09-F	1	5.34E+01		5.34E+01	2.22	1.80	5.72					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Cu	CFS-LRef-1315-T01-D	1	1.56E+02		1.56E+02	1.77	3.70	11.80					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T02-D	1	2.71E+02		2.71E+02	0.89	3.70	11.80					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T03-D	1	2.23E+02		2.23E+02	0.72	3.70	11.80	10000	1000	1.19E+03	96%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T04-D	1	4.30E+02		4.30E+02	0.76	3.70	11.80					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T05-D	1	4.71E+02		4.71E+02	0.17	3.70	11.80					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T06-D	1	6.24E+02		6.24E+02	0.92	3.70	11.80					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T07-D	1	7.32E+02		7.32E+02	0.78	3.70	11.80					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T08-D	1	4.95E+02		4.95E+02	12.98	3.70	11.80					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T09-D	1	7.75E+02		7.75E+02	1.50	3.70	11.80					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T01-E	1	1.33E+02		1.33E+02	1.05	3.70	11.80					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T02-E	1	2.52E+02		2.52E+02	1.98	3.70	11.80					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T03-E	1	2.09E+02		2.09E+02	2.21	3.70	11.80	10000	1000	1.16E+03	95%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T04-E	1	3.57E+02		3.57E+02	2.13	3.70	11.80					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T05-E	1	4.27E+02		4.27E+02	0.77	3.70	11.80					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T06-E	1	5.55E+02		5.55E+02	1.59	3.70	11.80					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T07-E	1	6.64E+02		6.64E+02	3.05	3.70	11.80					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T08-E	1	4.15E+02		4.15E+02	0.89	3.70	11.80					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T09-E	1	6.27E+02		6.27E+02	2.74	3.70	11.80					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T01-F	1	9.07E+01		9.07E+01	3.61	3.70	11.80					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T02-F	1	2.90E+02		2.90E+02	3.08	3.70	11.80					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T03-F	1	2.02E+02		2.02E+02	3.91	3.70	11.80	10000	1000	1.07E+03	87%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T04-F	1	3.65E+02		3.65E+02	1.93	3.70	11.80					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T05-F	1	4.56E+02		4.56E+02	2.00	3.70	11.80					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T06-F	1	6.32E+02		6.32E+02	1.48	3.70	11.80					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T07-F	1	6.99E+02		6.99E+02	1.55	3.70	11.80					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T08-F	1	4.01E+02		4.01E+02	1.06	3.70	11.80					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Cu	CFS-LRef-1315-T09-F	1	6.65E+02		6.65E+02	2.20	3.70	11.80					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Fe	CFS-LRef-1315-T01-D	1	1.00E+00	U1/2	1.00E+00	21.44	2.00	6.40					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T02-D	1	1.00E+00	U1/2	1.00E+00	49.28	2.00	6.40					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T03-D	1	1.00E+00	U1/2	1.00E+00	33.65	2.00	6.40	10000	1000	1.10E+03	110%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T04-D	1	1.00E+00	U1/2	1.00E+00	42.17	2.00	6.40					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T05-D	1	1.00E+00	U1/2	1.00E+00	35.77	2.00	6.40					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T06-D	1	1.00E+00	U1/2	1.00E+00	26.72	2.00	6.40					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T07-D	1	1.00E+00	U1/2	1.00E+00	20.53	2.00	6.40					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T08-D	1	1.00E+00	U1/2	1.00E+00	15.31	2.00	6.40					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T09-D	1	1.00E+00	U1/2	1.00E+00	20.42	2.00	6.40					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T01-E	1	1.00E+00	U1/2	1.00E+00	32.40	2.00	6.40					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T02-E	1	1.00E+00	U1/2	1.00E+00	7.02	2.00	6.40					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T03-E	1	1.00E+00	U1/2	1.00E+00	16.66	2.00	6.40	10000	1000	1.04E+03	104%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T04-E	1	1.00E+00	U1/2	1.00E+00	17.20	2.00	6.40					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T05-E	1	1.00E+00	U1/2	1.00E+00	31.47	2.00	6.40					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T06-E	1	1.00E+00	U1/2	1.00E+00	15.50	2.00	6.40					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T07-E	1	1.00E+00	U1/2	1.00E+00	72.97	2.00	6.40					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T08-E	1	1.00E+00	U1/2	1.00E+00	23.15	2.00	6.40					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T09-E	1	1.00E+00	U1/2	1.00E+00	44.18	2.00	6.40					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T01-F	1	1.00E+00	U1/2	1.00E+00	17.09	2.00	6.40					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T02-F	1	1.00E+00	U1/2	1.00E+00	11.88	2.00	6.40					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T03-F	1	1.00E+00	U1/2	1.00E+00	18.63	2.00	6.40	10000	1000	1.06E+03	106%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T04-F	1	1.00E+00	U1/2	1.00E+00	15.00	2.00	6.40					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T05-F	1	1.00E+00	U1/2	1.00E+00	29.04	2.00	6.40					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T06-F	1	1.00E+00	U1/2	1.00E+00	18.38	2.00	6.40					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T07-F	1	1.00E+00	U1/2	1.00E+00	62.33	2.00	6.40					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T08-F	1	1.00E+00	U1/2	1.00E+00	35.31	2.00	6.40					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Fe	CFS-LRef-1315-T09-F	1	1.00E+00	U1/2	1.00E+00	22.51	2.00	6.40					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Pb	CFS-LRef-1315-T01-D	1	1.06E+02		1.06E+02	9.00	6.80	21.60					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T02-D	1	2.20E+02		2.20E+02	1.97	6.80	21.60					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T03-D	1	2.37E+02		2.37E+02	3.36	6.80	21.60	10000	1000	1.24E+03	100%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T04-D	1	4.64E+02		4.64E+02	2.01	6.80	21.60					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T05-D	1	3.99E+02		3.99E+02	1.62	6.80	21.60					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T06-D	1	5.42E+02		5.42E+02	0.31	6.80	21.60					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T07-D	1	6.07E+02		6.07E+02	1.36	6.80	21.60					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T08-D	1	4.28E+02		4.28E+02	1.23	6.80	21.60					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T09-D	1	6.63E+02		6.63E+02	1.88	6.80	21.60					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T01-E	1	9.74E+01		9.74E+01	4.54	6.80	21.60					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T02-E	1	2.08E+02		2.08E+02	1.42	6.80	21.60					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T03-E	1	1.92E+02		1.92E+02	4.00	6.80	21.60	10000	1000	1.24E+03	105%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T04-E	1	3.39E+02		3.39E+02	1.52	6.80	21.60					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T05-E	1	3.46E+02		3.46E+02	1.12	6.80	21.60					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T06-E	1	5.05E+02		5.05E+02	0.93	6.80	21.60					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T07-E	1	5.32E+02		5.32E+02	0.68	6.80	21.60					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T08-E	1	3.26E+02		3.26E+02	1.50	6.80	21.60					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T09-E	1	4.52E+02		4.52E+02	2.71	6.80	21.60					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T01-F	1	6.69E+01		6.69E+01	3.94	6.80	21.60					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T02-F	1	1.77E+02		1.77E+02	3.05	6.80	21.60					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T03-F	1	1.75E+02		1.75E+02	3.63	6.80	21.60	10000	1000	1.20E+03	102%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T04-F	1	3.14E+02		3.14E+02	0.92	6.80	21.60					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T05-F	1	3.88E+02		3.88E+02	0.58	6.80	21.60					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T06-F	1	4.86E+02		4.86E+02	1.02	6.80	21.60					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T07-F	1	4.84E+02		4.84E+02	1.65	6.80	21.60					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T08-F	1	2.82E+02		2.82E+02	0.90	6.80	21.60					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Pb	CFS-LRef-1315-T09-F	1	5.11E+02		5.11E+02	1.81	6.80	21.60					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Li	CFS-LRef-1315-T01-D	1	2.82E+00	E	2.82E+00	15.15	1.90	6.00					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T02-D	1	3.31E+00	E	3.31E+00	32.14	1.90	6.00					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T03-D	1	5.68E+00	E	5.68E+00	6.65	1.90	6.00	10000	1000	8.80E+02	87%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T04-D	1	6.71E+00		6.71E+00	1.92	1.90	6.00					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T05-D	1	7.49E+00		7.49E+00	1.15	1.90	6.00					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T06-D	1	7.96E+00		7.96E+00	2.62	1.90	6.00					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T07-D	1	9.13E+00		9.13E+00	2.71	1.90	6.00					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T08-D	1	7.67E+00		7.67E+00	11.05	1.90	6.00					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T09-D	1	8.44E+00		8.44E+00	9.77	1.90	6.00					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T01-E	1	2.06E+00	E	2.06E+00	9.29	1.90	6.00					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T02-E	1	2.87E+00	E	2.87E+00	72.30	1.90	6.00					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T03-E	1	5.35E+00	E	5.35E+00	11.61	1.90	6.00	10000	1000	8.73E+02	87%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T04-E	1	5.75E+00	E	5.75E+00	19.49	1.90	6.00					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T05-E	1	7.37E+00		7.37E+00	2.79	1.90	6.00					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T06-E	1	7.31E+00		7.31E+00	9.55	1.90	6.00					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T07-E	1	7.59E+00		7.59E+00	3.13	1.90	6.00					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T08-E	1	6.46E+00		6.46E+00	1.78	1.90	6.00					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T09-E	1	8.15E+00		8.15E+00	16.44	1.90	6.00					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T01-F	1	2.62E+00	E	2.62E+00	38.60	1.90	6.00					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T02-F	1	3.79E+00	E	3.79E+00	28.12	1.90	6.00					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T03-F	1	3.62E+00	E	3.62E+00	18.28	1.90	6.00	10000	1000	8.82E+02	88%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T04-F	1	6.27E+00		6.27E+00	6.29	1.90	6.00					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T05-F	1	8.38E+00		8.38E+00	1.25	1.90	6.00					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T06-F	1	7.94E+00		7.94E+00	3.48	1.90	6.00					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T07-F	1	7.82E+00		7.82E+00	5.14	1.90	6.00					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T08-F	1	8.00E+00		8.00E+00	1.96	1.90	6.00					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Li	CFS-LRef-1315-T09-F	1	8.45E+00		8.45E+00	2.73	1.90	6.00					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mn	CFS-LRef-1315-T01-D	1	5.55E+01		5.55E+01	1.26	2.00	6.40					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T02-D	1	3.06E+02		3.06E+02	1.37	2.00	6.40					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T03-D	1	3.12E+02		3.12E+02	1.55	2.00	6.40	10000	1000	1.27E+03	96%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T04-D	1	9.71E+02		9.71E+02	0.39	2.00	6.40					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T05-D	1	1.03E+03		1.03E+03	0.40	2.00	6.40					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T06-D	1	1.68E+03		1.68E+03	0.87	2.00	6.40					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T07-D	1	1.70E+03		1.70E+03	1.17	2.00	6.40					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T08-D	1	7.80E+02		7.80E+02	8.38	2.00	6.40					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T09-D	1	1.53E+03		1.53E+03	2.64	2.00	6.40					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T01-E	1	5.86E+01		5.86E+01	2.27	2.00	6.40					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T02-E	1	4.49E+02		4.49E+02	2.30	2.00	6.40					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T03-E	1	3.51E+02		3.51E+02	1.92	2.00	6.40	10000	1000	1.27E+03	92%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T04-E	1	1.10E+03		1.10E+03	0.60	2.00	6.40					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T05-E	1	1.04E+03		1.04E+03	2.07	2.00	6.40					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T06-E	1	2.06E+03		2.06E+03	2.11	2.00	6.40					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T07-E	1	2.08E+03		2.08E+03	0.90	2.00	6.40					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T08-E	1	9.30E+02		9.30E+02	0.71	2.00	6.40					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T09-E	1	1.45E+03		1.45E+03	0.43	2.00	6.40					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T01-F	1	4.37E+01		4.37E+01	1.77	2.00	6.40					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T02-F	1	2.68E+02		2.68E+02	2.39	2.00	6.40					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T03-F	1	2.80E+02		2.80E+02	2.85	2.00	6.40	10000	1000	1.22E+03	94%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T04-F	1	9.05E+02		9.05E+02	1.06	2.00	6.40					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T05-F	1	1.28E+03		1.28E+03	1.88	2.00	6.40					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T06-F	1	1.68E+03		1.68E+03	0.89	2.00	6.40					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T07-F	1	1.68E+03		1.68E+03	1.30	2.00	6.40					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T08-F	1	7.74E+02		7.74E+02	0.75	2.00	6.40					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Mn	CFS-LRef-1315-T09-F	1	1.74E+03		1.74E+03	1.63	2.00	6.40					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mg	CFS-LRef-1315-T01-D	1	3.96E+03		3.96E+03	1.83	1.00	3.18					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T02-D	1	2.12E+04		2.12E+04	0.62	1.00	3.18					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T03-D	1	2.06E+04		2.06E+04	1.97	1.00	3.18	10000	1000	2.14E+04	86%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T04-D	1	6.43E+04		6.43E+04	1.44	1.00	3.18					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T05-D	1	6.45E+04		6.45E+04	0.35	1.00	3.18					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T06-D	1	9.57E+04		9.57E+04	0.73	1.00	3.18					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T07-D	1	8.83E+04		8.83E+04	1.55	1.00	3.18					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T08-D	1	3.77E+04		3.77E+04	9.26	1.00	3.18					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T09-D	1	6.77E+04		6.77E+04	1.21	1.00	3.18					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T01-E	1	4.08E+03		4.08E+03	1.20	1.00	3.18					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T02-E	1	2.77E+04		2.77E+04	2.16	1.00	3.18					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T03-E	1	1.94E+04		1.94E+04	1.90	1.00	3.18	10000	1000	2.03E+04	89%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T04-E	1	5.79E+04		5.79E+04	1.61	1.00	3.18					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T05-E	1	6.27E+04		6.27E+04	1.19	1.00	3.18					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T06-E	1	9.35E+04		9.35E+04	1.73	1.00	3.18					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T07-E	1	8.73E+04		8.73E+04	1.95	1.00	3.18					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T08-E	1	3.59E+04		3.59E+04	1.77	1.00	3.18					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T09-E	1	6.51E+04		6.51E+04	2.36	1.00	3.18					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T01-F	1	2.92E+03		2.92E+03	2.03	1.00	3.18					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T02-F	1	1.78E+04		1.78E+04	2.09	1.00	3.18					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T03-F	1	1.82E+04		1.82E+04	3.65	1.00	3.18	10000	1000	1.92E+04	92%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T04-F	1	5.82E+04		5.82E+04	1.64	1.00	3.18					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T05-F	1	6.23E+04		6.23E+04	1.41	1.00	3.18					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T06-F	1	9.57E+04		9.57E+04	1.15	1.00	3.18					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T07-F	1	8.61E+04		8.61E+04	1.38	1.00	3.18					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T08-F	1	3.67E+04		3.67E+04	1.09	1.00	3.18					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Mg	CFS-LRef-1315-T09-F	1	6.58E+04		6.58E+04	1.16	1.00	3.18					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Mo	CFS-LRef-1315-T01-D	1	1.33E+00	E	1.33E+00	24.99	1.20	3.82					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T02-D	1	2.16E+00	E	2.16E+00	5.49	1.20	3.82					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T03-D	1	2.03E+00	E	2.03E+00	7.82	1.20	3.82	10000	1000	1.01E+03	101%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T04-D	1	2.94E+00	E	2.94E+00	15.79	1.20	3.82					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T05-D	1	3.28E+00	E	3.28E+00	33.00	1.20	3.82					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T06-D	1	3.19E+00	E	3.19E+00	10.96	1.20	3.82					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T07-D	1	2.22E+00	E	2.22E+00	19.10	1.20	3.82					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T08-D	1	2.18E+00	E	2.18E+00	5.62	1.20	3.82					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T09-D	1	1.59E+00	E	1.59E+00	14.30	1.20	3.82					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T01-E	1	1.35E+00	E	1.35E+00	34.03	1.20	3.82					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T02-E	1	1.71E+00	E	1.71E+00	15.68	1.20	3.82					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T03-E	1	2.45E+00	E	2.45E+00	27.46	1.20	3.82	10000	1000	1.01E+03	100%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T04-E	1	2.96E+00	E	2.96E+00	30.97	1.20	3.82					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T05-E	1	3.29E+00	E	3.29E+00	28.84	1.20	3.82					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T06-E	1	2.72E+00	E	2.72E+00	15.64	1.20	3.82					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T07-E	1	3.04E+00	E	3.04E+00	5.75	1.20	3.82					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T08-E	1	2.49E+00	E	2.49E+00	23.79	1.20	3.82					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T09-E	1	1.95E+00	E	1.95E+00	14.24	1.20	3.82					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T01-F	1	1.74E+00	E	1.74E+00	5.72	1.20	3.82					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T02-F	1	2.43E+00	E	2.43E+00	33.59	1.20	3.82					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T03-F	1	2.89E+00	E	2.89E+00	37.10	1.20	3.82	10000	1000	1.02E+03	101%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T04-F	1	2.70E+00	E	2.70E+00	22.61	1.20	3.82					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T05-F	1	2.92E+00	E	2.92E+00	14.67	1.20	3.82					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T06-F	1	3.27E+00	E	3.27E+00	20.97	1.20	3.82					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T07-F	1	2.75E+00	E	2.75E+00	7.97	1.20	3.82					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T08-F	1	2.12E+00	E	2.12E+00	9.69	1.20	3.82					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Mo	CFS-LRef-1315-T09-F	1	2.31E+00	E	2.31E+00	32.11	1.20	3.82					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ni	CFS-LRef-1315-T01-D	1	4.85E+00	E	4.85E+00	7.31	1.80	5.70					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T02-D	1	2.31E+01		2.31E+01	6.80	1.80	5.70					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T03-D	1	2.03E+01		2.03E+01	7.27	1.80	5.70	10000	1000	1.08E+03	106%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T04-D	1	6.57E+01		6.57E+01	10.79	1.80	5.70					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T05-D	1	6.82E+01		6.82E+01	2.19	1.80	5.70					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T06-D	1	9.65E+01		9.65E+01	2.43	1.80	5.70					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T07-D	1	8.72E+01		8.72E+01	0.68	1.80	5.70					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T08-D	1	4.07E+01		4.07E+01	6.51	1.80	5.70					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T09-D	1	7.14E+01		7.14E+01	3.46	1.80	5.70					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T01-E	1	4.04E+00	E	4.04E+00	13.48	1.80	5.70					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T02-E	1	2.64E+01		2.64E+01	1.33	1.80	5.70					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T03-E	1	2.05E+01		2.05E+01	1.12	1.80	5.70	10000	1000	1.07E+03	105%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T04-E	1	5.71E+01		5.71E+01	3.95	1.80	5.70					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T05-E	1	6.45E+01		6.45E+01	2.43	1.80	5.70					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T06-E	1	9.34E+01		9.34E+01	3.51	1.80	5.70					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T07-E	1	8.40E+01		8.40E+01	2.88	1.80	5.70					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T08-E	1	3.61E+01		3.61E+01	5.22	1.80	5.70					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T09-E	1	6.73E+01		6.73E+01	2.58	1.80	5.70					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T01-F	1	4.83E+00	E	4.83E+00	18.09	1.80	5.70					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T02-F	1	1.94E+01		1.94E+01	5.46	1.80	5.70					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T03-F	1	1.77E+01		1.77E+01	2.99	1.80	5.70	10000	1000	1.11E+03	109%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T04-F	1	5.95E+01		5.95E+01	2.00	1.80	5.70					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T05-F	1	6.40E+01		6.40E+01	0.67	1.80	5.70					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T06-F	1	9.77E+01		9.77E+01	0.32	1.80	5.70					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T07-F	1	8.71E+01		8.71E+01	2.63	1.80	5.70					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T08-F	1	3.86E+01		3.86E+01	9.78	1.80	5.70					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Ni	CFS-LRef-1315-T09-F	1	6.53E+01		6.53E+01	1.98	1.80	5.70					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
P	CFS-LRef-1315-T01-D	1	3.95E+00	E	3.95E+00	38.98	3.70	11.80					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T02-D	1	1.08E+01	E	1.08E+01	26.96	3.70	11.80					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T03-D	1	1.16E+01	E	1.16E+01	10.81	3.70	11.80	10000	1000	1.02E+03	101%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T04-D	1	1.08E+01	E	1.08E+01	25.42	3.70	11.80					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T05-D	1	9.31E+00	E	9.31E+00	16.55	3.70	11.80					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T06-D	1	8.89E+00	E	8.89E+00	39.29	3.70	11.80					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T07-D	1	6.97E+00	E	6.97E+00	15.86	3.70	11.80					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T08-D	1	5.33E+00	E	5.33E+00	12.63	3.70	11.80					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T09-D	1	4.33E+00	E	4.33E+00	40.66	3.70	11.80					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T01-E	1	3.85E+00	E	3.85E+00	29.38	3.70	11.80					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T02-E	1	1.09E+01	E	1.09E+01	25.40	3.70	11.80					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T03-E	1	1.08E+01	E	1.08E+01	16.23	3.70	11.80	10000	1000	1.00E+03	99%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T04-E	1	9.32E+00	E	9.32E+00	1.24	3.70	11.80					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T05-E	1	8.75E+00	E	8.75E+00	26.18	3.70	11.80					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T06-E	1	8.94E+00	E	8.94E+00	11.31	3.70	11.80					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T07-E	1	6.57E+00	E	6.57E+00	67.71	3.70	11.80					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T08-E	1	6.48E+00	E	6.48E+00	45.63	3.70	11.80					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T09-E	1	4.87E+00	E	4.87E+00	30.79	3.70	11.80					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T01-F	1	5.53E+00	E	5.53E+00	13.81	3.70	11.80					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T02-F	1	1.19E+01		1.19E+01	18.84	3.70	11.80					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T03-F	1	1.16E+01	E	1.16E+01	27.97	3.70	11.80	10000	1000	1.03E+03	102%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T04-F	1	9.85E+00	E	9.85E+00	40.00	3.70	11.80					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T05-F	1	8.99E+00	E	8.99E+00	4.95	3.70	11.80					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T06-F	1	7.74E+00	E	7.74E+00	31.54	3.70	11.80					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T07-F	1	5.42E+00	E	5.42E+00	20.17	3.70	11.80					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T08-F	1	5.68E+00	E	5.68E+00	14.71	3.70	11.80					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
P	CFS-LRef-1315-T09-F	1	6.06E+00	E	6.06E+00	9.86	3.70	11.80					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
K	CFS-LRef-1315-T01-D	1	4.00E+02		4.00E+02	2.13	1.60	5.09					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T02-D	1	2.45E+03		2.45E+03	0.09	1.60	5.09					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T03-D	1	2.09E+03		2.09E+03	0.93	1.60	5.09	10000	1000	2.97E+03	88%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T04-D	1	6.71E+03		6.71E+03	1.45	1.60	5.09					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T05-D	1	6.57E+03		6.57E+03	0.98	1.60	5.09					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T06-D	1	9.66E+03		9.66E+03	0.54	1.60	5.09					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T07-D	1	8.44E+03		8.44E+03	0.18	1.60	5.09					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T08-D	1	3.40E+03		3.40E+03	1.69	1.60	5.09					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T09-D	1	6.18E+03		6.18E+03	1.30	1.60	5.09					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T01-E	1	4.23E+02		4.23E+02	1.65	1.60	5.09					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T02-E	1	2.77E+03		2.77E+03	1.53	1.60	5.09					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T03-E	1	2.02E+03		2.02E+03	1.78	1.60	5.09	10000	1000	2.95E+03	93%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T04-E	1	6.20E+03		6.20E+03	2.14	1.60	5.09					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T05-E	1	6.51E+03		6.51E+03	1.05	1.60	5.09					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T06-E	1	9.82E+03		9.82E+03	1.58	1.60	5.09					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T07-E	1	8.70E+03		8.70E+03	1.27	1.60	5.09					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T08-E	1	3.39E+03		3.39E+03	1.40	1.60	5.09					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T09-E	1	5.89E+03		5.89E+03	2.60	1.60	5.09					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T01-F	1	3.31E+02		3.31E+02	2.15	1.60	5.09					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T02-F	1	2.18E+03		2.18E+03	2.13	1.60	5.09					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T03-F	1	1.94E+03		1.94E+03	3.30	1.60	5.09	10000	1000	2.89E+03	95%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T04-F	1	6.29E+03		6.29E+03	1.77	1.60	5.09					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T05-F	1	6.56E+03		6.56E+03	1.86	1.60	5.09					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T06-F	1	9.76E+03		9.76E+03	0.71	1.60	5.09					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T07-F	1	8.43E+03		8.43E+03	1.05	1.60	5.09					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T08-F	1	3.33E+03		3.33E+03	0.98	1.60	5.09					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
K	CFS-LRef-1315-T09-F	1	6.11E+03		6.11E+03	1.69	1.60	5.09					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Se	CFS-LRef-1315-T01-D	1	1.89E+01	E	1.89E+01	4.29	15.00	47.70					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T02-D	1	2.13E+01	E	2.13E+01	12.85	15.00	47.70					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T03-D	1	2.70E+01	E	2.70E+01	13.45	15.00	47.70	10000	1000	1.08E+03	106%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T04-D	1	7.19E+01		7.19E+01	2.60	15.00	47.70					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T05-D	1	7.07E+01		7.07E+01	9.53	15.00	47.70					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T06-D	1	1.02E+02		1.02E+02	15.42	15.00	47.70					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T07-D	1	8.09E+01		8.09E+01	2.57	15.00	47.70					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T08-D	1	2.87E+01	E	2.87E+01	17.09	15.00	47.70					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T09-D	1	4.56E+01	E	4.56E+01	25.25	15.00	47.70					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T01-E	1	1.73E+01	E	1.73E+01	6.94	15.00	47.70					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T02-E	1	2.14E+01	E	2.14E+01	16.58	15.00	47.70					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T03-E	1	2.45E+01	E	2.45E+01	6.84	15.00	47.70	10000	1000	1.06E+03	104%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T04-E	1	6.40E+01		6.40E+01	1.72	15.00	47.70					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T05-E	1	6.62E+01		6.62E+01	4.52	15.00	47.70					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T06-E	1	9.25E+01		9.25E+01	2.61	15.00	47.70					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T07-E	1	7.79E+01		7.79E+01	1.32	15.00	47.70					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T08-E	1	4.30E+01	E	4.30E+01	3.28	15.00	47.70					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T09-E	1	4.88E+01		4.88E+01	2.90	15.00	47.70					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T01-F	1	1.65E+01	E	1.65E+01	2.34	15.00	47.70					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T02-F	1	2.23E+01	E	2.23E+01	8.76	15.00	47.70					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T03-F	1	2.99E+01	E	2.99E+01	11.00	15.00	47.70	10000	1000	1.10E+03	107%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T04-F	1	5.90E+01		5.90E+01	3.56	15.00	47.70					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T05-F	1	5.12E+01		5.12E+01	12.61	15.00	47.70					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T06-F	1	8.69E+01		8.69E+01	1.61	15.00	47.70					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T07-F	1	8.80E+01		8.80E+01	3.26	15.00	47.70					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T08-F	1	3.48E+01	E	3.48E+01	16.25	15.00	47.70					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Se	CFS-LRef-1315-T09-F	1	4.27E+01	E	4.27E+01	9.33	15.00	47.70					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Si	CFS-LRef-1315-T01-D	1	6.20E+01		6.20E+01	1.81	1.10	3.50					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T02-D	1	2.72E+02		2.72E+02	0.67	1.10	3.50					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T03-D	1	3.57E+02		3.57E+02	2.76	1.10	3.50	10000	1000	1.30E+03	94%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T04-D	1	9.45E+02		9.45E+02	2.54	1.10	3.50					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T05-D	1	1.03E+03		1.03E+03	0.44	1.10	3.50					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T06-D	1	1.54E+03		1.54E+03	0.95	1.10	3.50					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T07-D	1	1.55E+03		1.55E+03	0.34	1.10	3.50					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T08-D	1	8.16E+02		8.16E+02	9.92	1.10	3.50					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T09-D	1	1.48E+03		1.48E+03	1.69	1.10	3.50					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T01-E	1	5.86E+01		5.86E+01	1.04	1.10	3.50					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T02-E	1	2.85E+02		2.85E+02	2.16	1.10	3.50					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T03-E	1	3.29E+02		3.29E+02	1.15	1.10	3.50	10000	1000	1.39E+03	106%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T04-E	1	7.99E+02		7.99E+02	1.66	1.10	3.50					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T05-E	1	9.84E+02		9.84E+02	0.74	1.10	3.50					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T06-E	1	1.43E+03		1.43E+03	1.73	1.10	3.50					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T07-E	1	1.46E+03		1.46E+03	1.76	1.10	3.50					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T08-E	1	7.11E+02		7.11E+02	1.69	1.10	3.50					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T09-E	1	1.30E+03		1.30E+03	3.22	1.10	3.50					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T01-F	1	6.42E+01		6.42E+01	2.29	1.10	3.50					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T02-F	1	2.83E+02		2.83E+02	1.20	1.10	3.50					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T03-F	1	3.30E+02		3.30E+02	3.36	1.10	3.50	10000	1000	1.34E+03	101%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T04-F	1	8.36E+02		8.36E+02	1.58	1.10	3.50					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T05-F	1	9.51E+02		9.51E+02	2.20	1.10	3.50					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T06-F	1	1.51E+03		1.51E+03	0.67	1.10	3.50					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T07-F	1	1.48E+03		1.48E+03	1.61	1.10	3.50					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T08-F	1	7.35E+02		7.35E+02	0.72	1.10	3.50					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Si	CFS-LRef-1315-T09-F	1	1.30E+03		1.30E+03	1.62	1.10	3.50					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Na	CFS-LRef-1315-T01-D	1	1.80E+03		1.80E+03	0.54	2.50	8.00					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T02-D	1	1.03E+04		1.03E+04	0.65	2.50	8.00					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T03-D	1	8.81E+03		8.81E+03	0.48	2.50	8.00	10000	1000	9.72E+03	91%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T04-D	1	2.59E+04		2.59E+04	0.79	2.50	8.00					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T05-D	1	2.43E+04		2.43E+04	0.71	2.50	8.00					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T06-D	1	3.45E+04		3.45E+04	1.32	2.50	8.00					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T07-D	1	2.81E+04		2.81E+04	0.58	2.50	8.00					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T08-D	1	1.06E+04		1.06E+04	5.27	2.50	8.00					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T09-D	1	1.82E+04		1.82E+04	0.51	2.50	8.00					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T01-E	1	1.83E+03		1.83E+03	1.13	2.50	8.00					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T02-E	1	1.22E+04		1.22E+04	0.56	2.50	8.00					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T03-E	1	8.11E+03		8.11E+03	1.52	2.50	8.00	10000	1000	9.03E+03	92%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T04-E	1	2.39E+04		2.39E+04	1.20	2.50	8.00					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T05-E	1	2.43E+04		2.43E+04	0.28	2.50	8.00					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T06-E	1	3.38E+04		3.38E+04	0.73	2.50	8.00					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T07-E	1	2.80E+04		2.80E+04	0.16	2.50	8.00					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T08-E	1	1.03E+04		1.03E+04	1.63	2.50	8.00					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T09-E	1	1.77E+04		1.77E+04	1.23	2.50	8.00					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T01-F	1	1.41E+03		1.41E+03	1.37	2.50	8.00					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T02-F	1	8.85E+03		8.85E+03	0.79	2.50	8.00					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T03-F	1	7.97E+03		7.97E+03	0.27	2.50	8.00	10000	1000	8.90E+03	93%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T04-F	1	2.46E+04		2.46E+04	0.48	2.50	8.00					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T05-F	1	2.42E+04		2.42E+04	1.39	2.50	8.00					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T06-F	1	3.41E+04		3.41E+04	0.53	2.50	8.00					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T07-F	1	2.81E+04		2.81E+04	0.31	2.50	8.00					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T08-F	1	1.04E+04		1.04E+04	0.36	2.50	8.00					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Na	CFS-LRef-1315-T09-F	1	1.77E+04		1.77E+04	0.88	2.50	8.00					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Sr	CFS-LRef-1315-T01-D	1	3.62E+01		3.62E+01	1.89	1.00	3.18					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T02-D	1	1.46E+02		1.46E+02	0.40	1.00	3.18					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T03-D	1	1.47E+02		1.47E+02	1.11	1.00	3.18	10000	1000	1.11E+03	97%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T04-D	1	4.59E+02		4.59E+02	1.68	1.00	3.18					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T05-D	1	4.99E+02		4.99E+02	0.31	1.00	3.18					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T06-D	1	7.97E+02		7.97E+02	0.97	1.00	3.18					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T07-D	1	8.18E+02		8.18E+02	1.72	1.00	3.18					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T08-D	1	3.99E+02		3.99E+02	9.75	1.00	3.18					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T09-D	1	7.39E+02		7.39E+02	1.00	1.00	3.18					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T01-E	1	3.50E+01		3.50E+01	2.98	1.00	3.18					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T02-E	1	1.74E+02		1.74E+02	2.01	1.00	3.18					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T03-E	1	1.34E+02		1.34E+02	1.37	1.00	3.18	10000	1000	1.07E+03	93%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T04-E	1	4.02E+02		4.02E+02	1.91	1.00	3.18					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T05-E	1	4.72E+02		4.72E+02	0.95	1.00	3.18					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T06-E	1	7.65E+02		7.65E+02	2.46	1.00	3.18					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T07-E	1	7.81E+02		7.81E+02	2.02	1.00	3.18					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T08-E	1	3.57E+02		3.57E+02	1.42	1.00	3.18					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T09-E	1	6.53E+02		6.53E+02	2.49	1.00	3.18					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T01-F	1	3.20E+01		3.20E+01	1.64	1.00	3.18					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T02-F	1	1.28E+02		1.28E+02	2.96	1.00	3.18					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T03-F	1	1.37E+02		1.37E+02	3.23	1.00	3.18	10000	1000	1.12E+03	98%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T04-F	1	3.99E+02		3.99E+02	1.32	1.00	3.18					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T05-F	1	4.76E+02		4.76E+02	2.25	1.00	3.18					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T06-F	1	7.72E+02		7.72E+02	1.71	1.00	3.18					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T07-F	1	7.64E+02		7.64E+02	1.63	1.00	3.18					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T08-F	1	3.58E+02		3.58E+02	1.67	1.00	3.18					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Sr	CFS-LRef-1315-T09-F	1	6.61E+02		6.61E+02	1.58	1.00	3.18					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
S	CFS-LRef-1315-T01-D	1	1.05E+04		1.05E+04	2.09	6.80	21.60					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T02-D	1	5.38E+04		5.38E+04	0.36	6.80	21.60					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T03-D	1	5.39E+04		5.39E+04	1.10	6.80	21.60	10000	1000	5.47E+04	84%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T04-D	1	1.69E+05		1.69E+05	1.41	6.80	21.60					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T05-D	1	1.72E+05		1.72E+05	0.37	6.80	21.60					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T06-D	1	2.57E+05		2.57E+05	0.57	6.80	21.60					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T07-D	1	2.45E+05		2.45E+05	0.68	6.80	21.60					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T08-D	1	1.13E+05		1.13E+05	10.57	6.80	21.60					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T09-D	1	2.13E+05		2.13E+05	1.46	6.80	21.60					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T01-E	1	1.01E+04		1.01E+04	1.78	6.80	21.60					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T02-E	1	6.38E+04		6.38E+04	1.70	6.80	21.60					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T03-E	1	4.83E+04		4.83E+04	1.92	6.80	21.60	10000	1000	4.92E+04	87%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T04-E	1	1.41E+05		1.41E+05	1.57	6.80	21.60					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T05-E	1	1.61E+05		1.61E+05	1.03	6.80	21.60					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T06-E	1	2.46E+05		2.46E+05	1.79	6.80	21.60					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T07-E	1	2.37E+05		2.37E+05	1.40	6.80	21.60					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T08-E	1	1.03E+05		1.03E+05	1.43	6.80	21.60					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T09-E	1	1.88E+05		1.88E+05	2.55	6.80	21.60					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T01-F	1	8.29E+03		8.29E+03	2.28	6.80	21.60					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T02-F	1	4.47E+04		4.47E+04	2.37	6.80	21.60					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T03-F	1	4.58E+04		4.58E+04	3.72	6.80	21.60	10000	1000	4.66E+04	82%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T04-F	1	1.44E+05		1.44E+05	1.54	6.80	21.60					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T05-F	1	1.60E+05		1.60E+05	2.43	6.80	21.60					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T06-F	1	2.49E+05		2.49E+05	0.83	6.80	21.60					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T07-F	1	2.33E+05		2.33E+05	1.19	6.80	21.60					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T08-F	1	1.04E+05		1.04E+05	0.94	6.80	21.60					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
S	CFS-LRef-1315-T09-F	1	1.92E+05		1.92E+05	1.86	6.80	21.60					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Tl	CFS-LRef-1315-T01-D	1	1.54E+01		1.54E+01	6.13	4.60	14.60					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T02-D	1	8.04E+01		8.04E+01	3.32	4.60	14.60					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T03-D	1	8.00E+01		8.00E+01	2.11	4.60	14.60	10000	1000	1.10E+03	102%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T04-D	1	2.13E+02		2.13E+02	1.06	4.60	14.60					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T05-D	1	2.22E+02		2.22E+02	2.22	4.60	14.60					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T06-D	1	3.16E+02		3.16E+02	1.04	4.60	14.60					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T07-D	1	2.97E+02		2.97E+02	2.19	4.60	14.60					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T08-D	1	1.40E+02		1.40E+02	6.69	4.60	14.60					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T09-D	1	2.30E+02		2.30E+02	2.46	4.60	14.60					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T01-E	1	1.01E+01	E	1.01E+01	8.81	4.60	14.60					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T02-E	1	8.19E+01		8.19E+01	8.61	4.60	14.60					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T03-E	1	7.26E+01		7.26E+01	7.09	4.60	14.60	10000	1000	1.10E+03	103%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T04-E	1	1.98E+02		1.98E+02	0.09	4.60	14.60					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T05-E	1	2.19E+02		2.19E+02	4.20	4.60	14.60					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T06-E	1	3.17E+02		3.17E+02	3.32	4.60	14.60					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T07-E	1	2.94E+02		2.94E+02	2.49	4.60	14.60					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T08-E	1	1.35E+02		1.35E+02	3.17	4.60	14.60					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T09-E	1	2.25E+02		2.25E+02	4.19	4.60	14.60					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T01-F	1	1.41E+01	E	1.41E+01	9.22	4.60	14.60					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T02-F	1	7.27E+01		7.27E+01	6.47	4.60	14.60					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T03-F	1	6.77E+01		6.77E+01	3.57	4.60	14.60	10000	1000	1.08E+03	101%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T04-F	1	2.02E+02		2.02E+02	1.45	4.60	14.60					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T05-F	1	2.17E+02		2.17E+02	1.29	4.60	14.60					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T06-F	1	3.17E+02		3.17E+02	1.94	4.60	14.60					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T07-F	1	2.90E+02		2.90E+02	1.80	4.60	14.60					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T08-F	1	1.40E+02		1.40E+02	3.47	4.60	14.60					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Tl	CFS-LRef-1315-T09-F	1	2.31E+02		2.31E+02	2.10	4.60	14.60					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Ti	CFS-LRef-1315-T01-D	1	1.00E+00	U1/2	1.00E+00	31.59	2.00	6.40					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T02-D	1	1.00E+00	U1/2	1.00E+00	41.87	2.00	6.40					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T03-D	1	1.00E+00	U1/2	1.00E+00	70.65	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T04-D	1	1.00E+00	U1/2	1.00E+00	21.30	2.00	6.40					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T05-D	1	1.00E+00	U1/2	1.00E+00	54.28	2.00	6.40					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T06-D	1	1.00E+00	U1/2	1.00E+00	19.56	2.00	6.40					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T07-D	1	1.00E+00	U1/2	1.00E+00	31.23	2.00	6.40					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T08-D	1	1.00E+00	U1/2	1.00E+00	47.00	2.00	6.40					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T09-D	1	1.00E+00	U1/2	1.00E+00	64.03	2.00	6.40					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T01-E	1	1.00E+00	U1/2	1.00E+00	13.89	2.00	6.40					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T02-E	1	1.00E+00	U1/2	1.00E+00	46.90	2.00	6.40					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T03-E	1	1.00E+00	U1/2	1.00E+00	44.82	2.00	6.40	10000	1000	1.00E+03	100%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T04-E	1	1.00E+00	U1/2	1.00E+00	29.11	2.00	6.40					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T05-E	1	1.00E+00	U1/2	1.00E+00	9.07	2.00	6.40					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T06-E	1	1.00E+00	U1/2	1.00E+00	30.68	2.00	6.40					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T07-E	1	1.00E+00	U1/2	1.00E+00	50.35	2.00	6.40					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T08-E	1	1.00E+00	U1/2	1.00E+00	69.98	2.00	6.40					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T09-E	1	1.00E+00	U1/2	1.00E+00	55.10	2.00	6.40					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T01-F	1	1.00E+00	U1/2	1.00E+00	71.39	2.00	6.40					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T02-F	1	1.00E+00	U1/2	1.00E+00	46.33	2.00	6.40					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T03-F	1	1.00E+00	U1/2	1.00E+00	59.44	2.00	6.40	10000	1000	1.02E+03	102%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T04-F	1	1.00E+00	U1/2	1.00E+00	29.02	2.00	6.40					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T05-F	1	1.00E+00	U1/2	1.00E+00	55.63	2.00	6.40					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T06-F	1	1.00E+00	U1/2	1.00E+00	40.81	2.00	6.40					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T07-F	1	1.00E+00	U1/2	1.00E+00	40.57	2.00	6.40					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T08-F	1	1.00E+00	U1/2	1.00E+00	44.90	2.00	6.40					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Ti	CFS-LRef-1315-T09-F	1	1.00E+00	U1/2	1.00E+00	38.39	2.00	6.40					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
V	CFS-LRef-1315-T01-D	1	2.02E+00	E	2.02E+00	25.98	1.50	4.77					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T02-D	1	3.10E+00	E	3.10E+00	11.13	1.50	4.77					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T03-D	1	2.84E+00	E	2.84E+00	12.41	1.50	4.77	10000	1000	1.01E+03	101%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T04-D	1	7.61E+00		7.61E+00	7.68	1.50	4.77					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T05-D	1	7.35E+00		7.35E+00	7.49	1.50	4.77					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T06-D	1	9.13E+00		9.13E+00	1.84	1.50	4.77					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T07-D	1	9.97E+00		9.97E+00	6.22	1.50	4.77					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T08-D	1	5.35E+00		5.35E+00	7.67	1.50	4.77					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T09-D	1	7.93E+00		7.93E+00	1.36	1.50	4.77					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T01-E	1	1.88E+00	E	1.88E+00	15.71	1.50	4.77					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T02-E	1	2.71E+00	E	2.71E+00	15.04	1.50	4.77					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T03-E	1	1.99E+00	E	1.99E+00	8.30	1.50	4.77	10000	1000	1.00E+03	100%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T04-E	1	5.46E+00		5.46E+00	4.60	1.50	4.77					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T05-E	1	6.44E+00		6.44E+00	5.66	1.50	4.77					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T06-E	1	8.54E+00		8.54E+00	9.36	1.50	4.77					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T07-E	1	9.44E+00		9.44E+00	9.16	1.50	4.77					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T08-E	1	4.72E+00	E	4.72E+00	9.92	1.50	4.77					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T09-E	1	7.95E+00		7.95E+00	8.11	1.50	4.77					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T01-F	1	1.65E+00	E	1.65E+00	18.49	1.50	4.77					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T02-F	1	1.99E+00	E	1.99E+00	22.92	1.50	4.77					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T03-F	1	3.19E+00	E	3.19E+00	20.85	1.50	4.77	10000	1000	1.02E+03	101%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T04-F	1	5.61E+00		5.61E+00	6.52	1.50	4.77					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T05-F	1	6.48E+00		6.48E+00	2.39	1.50	4.77					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T06-F	1	9.54E+00		9.54E+00	6.84	1.50	4.77					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T07-F	1	9.56E+00		9.56E+00	1.49	1.50	4.77					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T08-F	1	3.98E+00	E	3.98E+00	12.12	1.50	4.77					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
V	CFS-LRef-1315-T09-F	1	8.52E+00		8.52E+00	7.85	1.50	4.77					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS

Element	Sample ID	Dilution Factor	Sample Conc. µg/L	Qualifier	ICP-OES Conc. µg/L	RSD %	MDL µg/L	ML µg/L	Spike Sol'n Conc. µg/L	Spike Sol'n Volume µL	Spike Conc. µg/L	Spike Recovery %	Instrument	Date/Time	Filename
Zn	CFS-LRef-1315-T01-D	1	4.56E+02		4.56E+02	1.35	1.00	3.18					VU ICP-OES	6/20/11 3:25 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T02-D	1	1.98E+03		1.98E+03	1.19	1.00	3.18					VU ICP-OES	6/20/11 3:35 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T03-D	1	2.04E+03		2.04E+03	1.53	1.00	3.18	10000	1000	2.93E+03	89%	VU ICP-OES	6/20/11 3:45 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T04-D	1	6.06E+03		6.06E+03	0.40	1.00	3.18					VU ICP-OES	6/20/11 4:08 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T05-D	1	6.14E+03		6.14E+03	1.01	1.00	3.18					VU ICP-OES	6/20/11 4:18 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T06-D	1	8.96E+03		8.96E+03	1.15	1.00	3.18					VU ICP-OES	6/20/11 4:28 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T07-D	1	8.44E+03		8.44E+03	1.67	1.00	3.18					VU ICP-OES	6/20/11 4:51 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T08-D	1	4.10E+03		4.10E+03	12.70	1.00	3.18					VU ICP-OES	6/20/11 5:01 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T09-D	1	7.56E+03		7.56E+03	3.94	1.00	3.18					VU ICP-OES	6/20/11 5:11 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T01-E	1	4.21E+02		4.21E+02	2.16	1.00	3.18					VU ICP-OES	6/20/11 3:27 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T02-E	1	2.31E+03		2.31E+03	2.17	1.00	3.18					VU ICP-OES	6/20/11 3:37 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T03-E	1	1.84E+03		1.84E+03	1.76	1.00	3.18	10000	1000	2.77E+03	93%	VU ICP-OES	6/20/11 3:47 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T04-E	1	5.29E+03		5.29E+03	1.27	1.00	3.18					VU ICP-OES	6/20/11 4:10 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T05-E	1	6.04E+03		6.04E+03	2.79	1.00	3.18					VU ICP-OES	6/20/11 4:20 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T06-E	1	8.77E+03		8.77E+03	2.92	1.00	3.18					VU ICP-OES	6/20/11 4:30 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T07-E	1	8.58E+03		8.58E+03	0.23	1.00	3.18					VU ICP-OES	6/20/11 4:53 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T08-E	1	3.91E+03		3.91E+03	1.70	1.00	3.18					VU ICP-OES	6/20/11 5:03 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T09-E	1	6.77E+03		6.77E+03	1.96	1.00	3.18					VU ICP-OES	6/20/11 5:13 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T01-F	1	3.82E+02		3.82E+02	2.33	1.00	3.18					VU ICP-OES	6/20/11 3:29 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T02-F	1	1.87E+03		1.87E+03	2.22	1.00	3.18					VU ICP-OES	6/20/11 3:39 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T03-F	1	1.79E+03		1.79E+03	3.08	1.00	3.18	10000	1000	2.72E+03	93%	VU ICP-OES	6/20/11 3:48 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T04-F	1	5.41E+03		5.41E+03	1.48	1.00	3.18					VU ICP-OES	6/20/11 4:12 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T05-F	1	5.88E+03		5.88E+03	2.49	1.00	3.18					VU ICP-OES	6/20/11 4:21 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T06-F	1	9.05E+03		9.05E+03	2.38	1.00	3.18					VU ICP-OES	6/20/11 4:31 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T07-F	1	8.55E+03		8.55E+03	0.81	1.00	3.18					VU ICP-OES	6/20/11 4:54 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T08-F	1	3.90E+03		3.90E+03	0.50	1.00	3.18					VU ICP-OES	6/20/11 5:04 PM	EPA Interlab LRef 1315 CFS
Zn	CFS-LRef-1315-T09-F	1	7.00E+03		7.00E+03	1.66	1.00	3.18					VU ICP-OES	6/20/11 5:14 PM	EPA Interlab LRef 1315 CFS