SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No.: 3225.1,3226.1 SDG No.: MYE5N4

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MYE5N4	P4591-01	X	X		
MYE5N4D	P4591-02	X	X		
MYE5N4S	P4591-03	X	X		
MYE5N5	P4591-04	X	X		

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the SDG Narrative. All edits and manual integrations have been peer-reviewed. Release of the data contained in this hardcopy Complete SDG File and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: _____

Date: _____ Title: _____

SDG # MYE5N4

68HERH20D0011

USEPA CLP COC (LAB COPY)
DateShipped: 10/25/2024
CarrierName: FedEx
AirbillNo: 7793 0735 9289

CHAIN OF CUSTODY RECORD

Case #: 51817

Cooler #: EPA Cooler 11

No: 9-101424-084551-0145
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
90029-K-0010-01	MYE5L0	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8368 (None) (1)	90029-K-0010	04/25/2024 16:49	
90029-K-0011-01	MYE5L1	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8369 (None) (1)	90029-K-0011	04/25/2024 16:47	
90029-K-0012-01	MYE5L2	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8370 (None) (1)	90029-K-0012	04/25/2024 16:32	
261-A-0002-01	MYE5M3	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8381 (None) (1)	261-A-0002	04/25/2024 14:50	
261-A-0004-01	MYE5M4	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8382 (None) (1)	261-A-0004	04/25/2024 14:41	
261-A-0006-01	MYE5M5	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8383 (None) (1)	261-A-0006	04/25/2024 14:38	
261-B-0002-02	MYE5M6	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8384 (None) (1)	261-B-0002	04/25/2024 15:01	
261-B-S0001-01	MYE5M7	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8385 (None) (1)	261-B-S0001	04/25/2024 15:04	
261-B-S0003-01	MYE5M8	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8386 (None) (1)	261-B-S0003	04/25/2024 15:03	
90029-A-0002-01	MYE5M9	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8387 (None) (1)	90029-A-0002	04/25/2024 17:00	
90029-A-0004-01	MYE5N0	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8388 (None) (1)	90029-A-0004	04/25/2024 16:50	
90029-A-0006-01	MYE5N1	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8389 (None) (1)	90029-A-0006	04/25/2024 17:07	
90029-A-0008-03	MYE5N2	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8390 (None) (1)	90029-A-0008	04/25/2024 17:00	1
90029-A-0010-01	MYE5N3	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8391 (None) (1)	90029-A-0010	04/25/2024 17:00	
90029-B-0001-03	MYE5N4	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8392 (None) (1)	90029-B-0001	04/25/2024 16:00	① - 12
90029-B-0003-01	MYE5N5	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8393 (None) (1)	90029-B-0003	04/25/2024 16:05	9

Sample(s) to be used for Lab QC: 90029-A-0008-03 Tag 9-8390, 90029-A-0010-01 Tag 9-8391, 90029-B-0001-03 Tag 9-8392 -
Special Instructions: ICP-AES 11+Metals:Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn ICP-MS 11+ Metals: Ag, As, Ba,Be, Cd, Co, Cr, Cu, Ni, Pb, Sb, Se,Tl, V, Zn 057865

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-AES and ICP-MS=Metals ICP-AES and ICP-MS

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	R9 ESAT	10/18/24 1600		0900 10-26-2024	Temp 17.0°C IR Gun #1
					Custody seal intac
					Temp BK NOT presen

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) Jas Smith		Log-in Date **10/26/2024**
Received By (Signature)		
Case Number 51817	SDG No. MYE5N4	MA No. 3225.1,3226.1

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	057865
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	779305151408 1
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	17.0 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	10/26/2024
12.Time Received	09:00

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MYE5N4	N/A	9-8392	P4591-01	Intact
2	MYE5N4D	N/A	9-8392	P4591-02	Intact
3	MYE5N4S	N/A	9-8392	P4591-03	Intact
4	MYE5N5	N/A	9-8393	P4591-04	Intact
5	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A
Date	10/26/24	Logbook Page No.	N/A

FORM DC-2
COMPLETE SDG FILE (CSF) INVENTORY SHEET

LAB NAME	**Alliance Technical Group, LLC**		
LAB CODE	**ACE**		
CONTRACT NO.	**68HERH20D0011**		
CASE NO.	**51817**	SDG NO.	**MYE5N4**
MA NO.	**3225.1,3226.1**	SOW NO.	**SFAM01.1**

All documents delivered in the Complete SDG File must be original documents where possible.
(Reference - Exhibit B Section 2.4)

	PAGE NOs: FROM	PAGE NOs: TO	CHECK LAB	CHECK REGION
1 . SDG Cover Page	1	1	✓	
2 . Traffic Report/Chain of Custody Record(s)	2	2	✓	
3 . Sample Log-In Sheet (DC-1)	3	3	✓	
4 . CSF Inventory Sheet (DC-2)	4	6	✓	
5 . SDG Narrative	7	16	✓	
6 . Communication Logs	NA	NA	✓	
7 . Percent Solids Log	17	18	✓	
Analysis Forms and Data (ICP-AES)				
8 . Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	19	20	✓	
9 . Instrument raw data by instrument in analysis order	21	211	✓	
Other Data				
10 . Standard and Reagent Preparation Logs	212	348	✓	
11 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	349	350	✓	
12 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	351	355	✓	
13 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
14 . Extraction Logs for TCLP and SPLP	NA	NA	✓	
15 . Raw GPC Data	NA	NA	✓	
16 . Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (ICP-MS)				
17 . Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	356	357	✓	
18 . Instrument raw data by instrument in analysis order	358	1728	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	1729	1866	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1867	1868	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1869	1880	✓	
22 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

	PAGE NOs: FROM	TO	CHECK LAB	REGION
23. Extraction Logs for TCLP and SPLP	NA	NA	✓	
24. Raw GPC Data	NA	NA	✓	
25. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (Mercury)				
26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	NA	NA	✓	
27. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
28. Standard and Reagent Preparation Logs	NA	NA	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
32. Extraction Logs for TCLP and SPLP	NA	NA	✓	
33. Raw GPC Data	NA	NA	✓	
34. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (Cyanide)				
35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	NA	NA	✓	
36. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
37. Standard and Reagent Preparation Logs	NA	NA	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
41. Extraction Logs for TCLP and SPLP	NA	NA	✓	
42. Raw GPC Data	NA	NA	✓	
43. Raw Florisil Data	NA	NA	✓	

	PAGE NOs: FROM	TO	CHECK LAB	REGION
Additional				
44. EPA Shipping/Receiving Documents				
Airbill (No. of Shipments 1)	1881	1881	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	1882	1882	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	1883	1884	✓	
47. Other Records and related Communication Logs (describe or list)				
	NA	NA	✓	

48. Comments:

Completed by:
(CLP Lab)

(Signature)	Nimisha Pandya, Document Control Officer (Print Name & Title)	(Date)

Audited by:
(EPA)

(Signature)	(Print Name & Title)	(Date)

284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MYE5N4
CASE # 51817
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P4591
MODIFIED ANALYSIS #3225.1, 3226.1

A. Number of Samples and Date of Receipt

04 Soil samples were delivered to the laboratory intact on 10/26/2024.

B. Parameters

Test requested for Metals CLP FULL = Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.

Test requested for Metals CLP MS FULL = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc.

C. Cooler Temp

Indicator Bottle**:** Presence**/Absence**
Cooler: 17.0^{o}C

D. Detail Documentation (related to Sample Handling Shipping, Analytical Problem, Temp of Cooler etc):

Issue 1: A "P" or "M" prefix was listed at the beginning of a CLP sample ID.

E. Corrective Action taken for above:

Resolution 1: To maintain COC integrity, ASB requests no changes to the Sample IDs. The laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

F. Analytical Techniques:

All analyses were based on CLP Methodology by method SFAM01.1.

Inter Element correction factors (IECs) are determined annually and correction factor are applied during ICP-AES analysis.

G. Calculation:

Calculation for ICP-AES Soil Sample:

Conversion of Results from mg/L or ppm to mg/kg (Dry Weight Basis):

$$\text{Concentration (mg/kg)} = C \times \frac{Vf}{W \times S} \times DF$$

Where,

C = Instrument value in ppm (The average of all replicate exposures)
Vf = Final digestion volume (mL)
W = Initial aliquot amount (g) (Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

Example Calculation For Sample MYE5N4 For Antimony:

If C = 0.0055566 ppm
Vf = 100 ml
W = 1.44 g
S = 0.953(95.3/100)
DF = 2

$$\text{Concentration (mg/kg)} = 0.0055566 \times \frac{100}{1.44 \times 0.953} \times 2$$

$$= 0.809811 \text{ mg/kg}$$

$$= 0.81 \text{ mg/kg (Reported Result with Signification)}$$

Calculation for ICP-MS Soil Sample:

Conversion of Results from µg /L or ppb to mg/kg :

$$\text{Concentration (mg/kg)} = C \times \frac{Vf}{W \times S} \times DF / 1000$$

Where,

C = Instrument value in ppb (The average of all replicate integrations)
Vf = Final digestion volume (mL)
W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

Example Calculation For Sample MYE5N4 For Antimony :

If C = 1.39 ppb
Vf = 500 ml
W = 1.44 g
S = 0.953(95.3/100)
DF = 1

$$\text{Concentration (mg/kg)} = 1.39 \times \frac{500}{1.44 \times 0.953} \times 1 / 1000$$

= 0.5064 mg/kg

= 0.51 mg/kg (Reported Result with Signification)

H. QA/ QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. MS Spike sample did meet requirements. Duplicate sample did meet requirements except for Antimony, Barium, Calcium, Chromium, and Manganese. Serial Dilution did meet requirements.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

Internal Standard Association for ICP-MS analysis.

Target Analyte	Associated Internal Standard
Antimony	159Tb
Arsenic	89Y
Barium	159Tb
Beryllium	6Li

284 Sheffield Street
Mountainside, NJ 07092

Cadmium	159Tb
Chromium	45Sc
Cobalt	45Sc
Copper	45Sc
Lead	209Bi
Nickel	45Sc
Selenium	89Y
Silver	159Tb
Thallium	209Bi
Vanadium	45Sc
Zinc	45Sc

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature_____ Name: Nimisha Pandya

Date _____ Title: Document Control Officer

Date: 09/11/2024	**MA:** 3225.1	**Title:** ICP-MS with Modified Preparation Method and Analysis of Soils with Additional Laboratory QC
Method Source: SFAM01.1	**Method:** ICP-MS	
Matrix: Soil/Sediment		

Summary of Modification

The purpose of this modified analysis is to prepare samples by EPA Draft Method 3050C (see below) with additional modified LCS and Matrix Spikes and analyze for the scheduled target analytes by ICP-MS. Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

I. Analyte Modifications **Not applicable** ☒

II. Calibration and QC Requirements **Not applicable** ☐

The Laboratory shall:

- Use the Method Detection Limits (MDLs) determined for routine soil analyses (i.e., Method 200.8) to report the results for these analyses. The Laboratory is NOT required to perform an MDL study for Draft Method 3050C.
- Prepare and analyze an additional Laboratory Control Sample (LCS) spiked at the CRQL. Percent Recovery limits do NOT apply to this LCS and no corrective actions are required.
- Prepare a Matrix Spike spiked at three times the levels specified in the SOW.
- Prepare and analyze an additional Matrix Spike sample spiked at five times the levels specified for this Modified Analysis (i.e., 15x the levels specified in the SOW).
- Post-Digestion Spike requirements apply to the 5x Matrix Spike only.
- Post-Digestion Spike corrective actions apply to Sb.

III. Preparation and Method Modifications **Not applicable** ☐

The Laboratory shall:

- Prepare and analyze the sample by EPA Draft Method 3050C as follows:
  - Mix sample thoroughly and transfer 1.00 – 1.50 g to a digestion vessel.
  - Add 10 mL 1:1 HNO_3 and 5 mL 1:1 HCl, heat the sample at 95°C (±3°C) and reflux 10-15 minutes.
  - Add 5 mL concentrated HNO_3 and reflux for 30 minutes at 95°C (±3°C), repeat until digestion complete.
  - Concentrate sample to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - Cool sample, add 2mL water and 3 mL 30% H_2O_2. Heat at 95°C (±3°C) and add additional 1 mL aliquots of 30% H_2O_2 until effervescence is minimal.
  - Reduce volume to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - Dilute to 100 mL with water, centrifuge or filter as necessary prior to analysis.
- The same sample extracts can be used for ICP-AES analysis. Separate Matrix Spikes and LCS will need to be prepared for both ICP-AES and ICP-MS analyses.
- Analyze the samples starting at an initial 5x dilution. Subsequently, dilute samples as necessary to bring the analyte concentrations within the calibration range of the instrument per the SOW.
- Method Blanks, both LCSs, and all instrument QC are to be analyzed undiluted.

IV. Special Reporting Requirements	**Not applicable** ☐

The Laboratory shall:

- Ensure the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the resolution or corrective actions taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses and/or re-preparations performed, and problems with the analysis of samples. Also include a discussion of any SOW Modified Analyses, including a copy of the approved modification form with the SDG Narrative.
- Initial analysis data are reported with a dilution factor of 1.0 and a final volume of 500 mL, per the SOW.
- Report the additional LCS as “LCSD” in the raw data and in the EDD with QCType “Laboratory_Control_Sample_Duplicate”.
- Report the additional Matrix Spike with an “SRE” suffix in the raw data and EDD.
- Report any Post-Digestion Spike of the additional 5x Matrix Spike with an “ARE” suffix.

Date: 09/11/2024	**MA:** 3226.1	**Title:** ICP-AES with Modified Preparation Method and Analysis of Soils with Additional Laboratory QC
Method Source: SFAM01.1	**Method:** ICP-AES	
Matrix: Soil/Sediment		

Summary of Modification

The purpose of this modified analysis is to prepare samples by EPA Draft Method 3050C (see below) with additional modified LCS and Matrix Spikes and analyze for the scheduled target analytes by ICP-AES. Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

I. Analyte Modifications **Not applicable** ☒

II. Calibration and QC Requirements **Not applicable** ☐

The Laboratory shall:

- Use the Method Detection Limits determined for routine soil analyses (i.e., Method 3050B) to report the results for these analyses. The Laboratory is NOT required to perform an MDL study for Draft Method 3050C.
- Prepare and analyze an additional Laboratory Control Sample (LCS) spiked at the CRQL. Percent Recovery limits do NOT apply to this LCS and no corrective actions are required.
- Prepare a Matrix Spike spiked at two times the levels specified in the SOW.
- Post-Digestion Spike requirements apply to the 2x Matrix Spike.
- Post-Digestion Spike corrective actions apply to Sb.

III. Preparation and Method Modifications **Not applicable** ☐

The Laboratory shall:

- Prepare and analyze the sample by EPA Draft Method 3050C as follows:
  - Mix sample thoroughly and transfer 1.00 – 1.50 g to a digestion vessel.
  - Add 10 mL 1:1 HNO_3 and 5 mL 1:1 HCl, heat the sample at 95°C (±3°C) and reflux 10 -15 minutes.
  - Add 5 mL concentrated HNO_3 and reflux for 30 minutes at 95°C (±3°C), repeat until digestion complete.
  - Concentrate sample to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - Cool sample, add 2mL water and 3 mL 30% H_2O_2. Heat at 95°C (±3°C) and add additional 1 mL aliquots of 30% H_2O_2 until effervescence is minimal.
  - Reduce volume to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - Dilute to 100 mL with water, centrifuge or filter as necessary prior to analysis.
- The same sample extracts can also be used for ICP-MS analysis. Separate Matrix Spikes and LCS will need to be prepared for both ICP-AES and ICP-MS analyses.
- Analyze the samples starting at an initial 2x dilution. Subsequently, dilute samples as necessary to bring the analyte concentrations within the calibration range of the instrument per the SOW.
- Verify that the dilution was adequate to reduce interferents to within the method calibration range. This can optionally be verified by visual verification of the spectrogram or by analysis of a serial dilution. There are other acceptable means to provide assurance, e.g. some software may automatically provide guidance to the analyst.
- Method Blanks, both LCS, and all instrument QC are to be analyzed undiluted.

IV. Special Reporting Requirements **Not applicable** ☐

The Laboratory shall:

- Ensure the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the resolution or corrective actions taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses and/or re-preparations performed, and problems with the analysis of samples. Also include a discussion of any SOW Modified Analyses, including a copy of the approved modification form with the SDG Narrative.
- Initial analysis data are reported with a dilution factor of 2.0 and a final volume of 100 mL, per the SOW.
- Report the additional LCS as "LCSD" in the raw data and in the EDD with QCType "Laboratory_Control_Sample_Duplicate".
- Ensure that up-to-date Interelement Correction Factors (IECs) are provided with the data package.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
As 189.042 {479}	☒	1	Fe	-0.000064	0.000000	No
Tl 190.856 {477}	☒	5	Mo	-0.002450	0.000000	No
			Co	0.002248	0.000000	No
			Ti	-0.000500	0.000000	No
			Mn	0.000370	0.000000	No
			V	-0.012340	0.000000	No
Pb 220.353 {453}	☒	6	Mo	-0.001480	0.000000	No
			Al	-0.000075	0.000000	No
			Cu	0.001400	0.000000	No
			Fe	0.000030	0.000000	No
			Mn	0.000340	0.000000	No
			Ni	0.000630	0.000000	No
Se 196.090 {472}	☒	3	Fe	-0.000308	0.000000	No
			Mn	0.000470	0.000000	No
			Co	-0.000630	0.000000	No
Sb 206.833 {463}	☒	4	Cr	0.010700	0.000000	No
			V	-0.001168	0.000000	No
			Mo	-0.002850	0.000000	No
			Ni	-0.000440	0.000000	No
Al 396.152 { 85}	☒	1	Mo	0.037230	0.000000	No
Ba 493.409 { 68}	☐	None				
Be 234.861 {144}	☒	3	Mo	-0.000320	0.000000	No
			Fe	0.000010	0.000000	No
			Mn	-0.000047	0.000000	No
Cd 214.438 {457}	☒	1	Fe	0.000040	0.000000	No
Ca 373.690 { 90}	☐	None				
Cr 267.716 {126}	☒	1	Mn	0.000160	0.000000	No
Co 228.616 {448}	☒	2	Ti	0.001840	0.000000	No
			Mo	-0.001230	0.000000	No
Cu 324.754 {104}	☒	4	Co	-0.000796	0.000000	No
			Fe	-0.000100	0.000000	No
			Mn	0.000345	0.000000	No
			Ni	0.000895	0.000000	No
Fe 259.837 {130}	☐	None				
Mn 257.610 {131}	☒	1	Ni	0.000897	0.000000	No
Mg 279.079 {121}	☐	None				
Ni 231.604 {446}	☐	None				
Ag 328.068 {103}	☒	3	Fe	-0.000100	0.000000	No
			Mn	0.000146	0.000000	No
			V	-0.000889	0.000000	No
Na 818.326 { 41}	☐	None				
V 292.402 {115}	☒	2	Mo	-0.008480	0.000000	No
			Cr	-0.002220	0.000000	No
Zn 206.200 {464}	☐	None				
Zn 213.856 {158}	☒	1	Ni	0.007280	0.000000	No
K 769.896 { 44}	☐	None				
P 177.495 {490}	☒	2	Ni	0.001640	0.000000	No
			Cu	-0.012530	0.000000	No
B 249.678 {135}	☒	3	Co	0.002880	0.000000	No
			V	-0.002000	0.000000	No
			Fe	-0.001360	0.000000	No
Mo 202.030 {467}	☐	None				
S 182.034 {485}	☒	2	Mo	-0.008000	0.000000	No
			Mn	0.002700	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Si 251.611 {134}	☒	2	Mo	0.010520	0.000000	No
			Ti	0.005650	0.000000	No
Sn 189.989 {478}	☐	None				
Ti 336.121 {100}	☒	1	Ni	-0.001000	0.000000	No
Li 670.784 { 50}	☐	None				
Y 224.306 {450}*	☐	None				
Y 360.073 { 94}*	☐	None				
Y 371.030 { 91}*	☐	None				
Y 224.306 {150}*	☐	None				
In 230.606 {446}*	☐	None				
Sr 407.771 { 83}	☐	None				

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/31/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 16:35
In Date: 10/30/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 10/31/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133218

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4590-01	MYE5N3	1	1.15	8.76	9.91	9.67	97.3	
P4590-02	MYE5N3D	2	1.15	8.76	9.91	9.67	97.3	
P4590-03	MYE5N3S	3	1.15	8.76	9.91	9.67	97.3	
P4591-01	MYE5N4	4	1.16	8.51	9.67	9.27	95.3	
P4591-02	MYE5N4D	5	1.16	8.51	9.67	9.27	95.3	
P4591-03	MYE5N4S	6	1.16	8.51	9.67	9.27	95.3	
P4591-04	MYE5N5	7	1.12	8.75	9.87	9.44	95.1	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 133218

WorkList Name : %1-p4590 **WorkList ID :** 184961 **Department :** Wet-Chemistry **Date :** 10-30-2024 15:49:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4590-01	MYE5N3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q21	04/25/2024	Chemtech -SO
P4590-02	MYE5N3D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q21	04/25/2024	Chemtech -SO
P4590-03	MYE5N3S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q21	04/25/2024	Chemtech -SO
P4591-01	MYE5N4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q32	04/25/2024	Chemtech -SO
P4591-02	MYE5N4D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q32	04/25/2024	Chemtech -SO
P4591-03	MYE5N4S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q32	04/25/2024	Chemtech -SO
P4591-04	MYE5N5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q32	04/25/2024	Chemtech -SO

18

Date/Time 10/30/24 15:55

Raw Sample Received by: SR (WC)

Raw Sample Relinquished by: JM (SM)

Date/Time 10/30/24 1644

Raw Sample Received by: JM (SM)

Raw Sample Relinquished by: SR (WC)

EPA SAMPLE NO.

MYE5N4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5N4

Matrix: SOIL Lab Sample ID: P4591-01

% Solids: 95.3 Date Received: 10/26/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	12000	D	11/14/2024	1910
7440-36-0	Antimony	0.81	JD	11/14/2024	1910
7440-38-2	Arsenic	18	D	11/14/2024	1910
7440-39-3	Barium	150	D*	11/14/2024	1910
7440-41-7	Beryllium	0.33	JD	11/14/2024	1910
7440-43-9	Cadmium	0.73	UD	11/14/2024	1910
7440-70-2	Calcium	6200	D*	11/14/2024	1910
7440-47-3	Chromium	33	D*	11/14/2024	1910
7440-48-4	Cobalt	16	D	11/14/2024	1910
7440-50-8	Copper	38	D	11/14/2024	1910
7439-89-6	Iron	28000	D	11/14/2024	1910
7439-92-1	Lead	14	D	11/14/2024	1910
7439-95-4	Magnesium	6200	D	11/14/2024	1910
7439-96-5	Manganese	800	D*	11/14/2024	1910
7440-02-0	Nickel	31	D	11/14/2024	1910
7440-09-7	Potassium	1800	D	11/14/2024	1910
7782-49-2	Selenium	5.1	UD	11/14/2024	1910
7440-22-4	Silver	1.5	UD	11/14/2024	1910
7440-23-5	Sodium	730	UD	11/14/2024	1910
7440-28-0	Thallium	3.6	UD	11/14/2024	1910
7440-62-2	Vanadium	43	D	11/14/2024	1910
7440-66-6	Zinc	55	D	11/14/2024	1910

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE5N5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5N4

Matrix: SOIL Lab Sample ID: P4591-04

% Solids: 95.1 Date Received: 10/26/2024

Analytical Method: ICP_AES

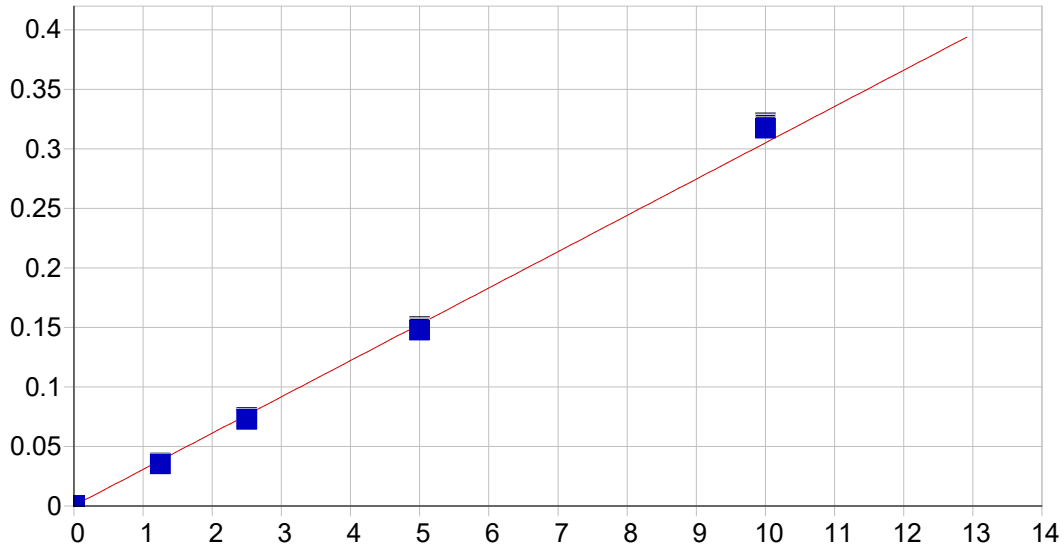
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	13000	D	11/14/2024	2016
7440-36-0	Antimony	8.6	UD	11/14/2024	2016
7440-38-2	Arsenic	24	D	11/14/2024	2016
7440-39-3	Barium	150	D*	11/14/2024	2016
7440-41-7	Beryllium	0.44	JD	11/14/2024	2016
7440-43-9	Cadmium	0.072	JD	11/14/2024	2016
7440-70-2	Calcium	3100	D*	11/14/2024	2016
7440-47-3	Chromium	21	D*	11/14/2024	2016
7440-48-4	Cobalt	14	D	11/14/2024	2016
7440-50-8	Copper	45	D	11/14/2024	2016
7439-89-6	Iron	26000	D	11/14/2024	2016
7439-92-1	Lead	17	D	11/14/2024	2016
7439-95-4	Magnesium	5700	D	11/14/2024	2016
7439-96-5	Manganese	690	D*	11/14/2024	2016
7440-02-0	Nickel	24	D	11/14/2024	2016
7440-09-7	Potassium	2200	D	11/14/2024	2016
7782-49-2	Selenium	5.0	UD	11/14/2024	2016
7440-22-4	Silver	1.4	UD	11/14/2024	2016
7440-23-5	Sodium	150	JD	11/14/2024	2016
7440-28-0	Thallium	3.6	UD	11/14/2024	2016
7440-62-2	Vanadium	46	D	11/14/2024	2016
7440-66-6	Zinc	63	D	11/14/2024	2016

NOTE: Hardness (total) is reported in mg/L

Comments:

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



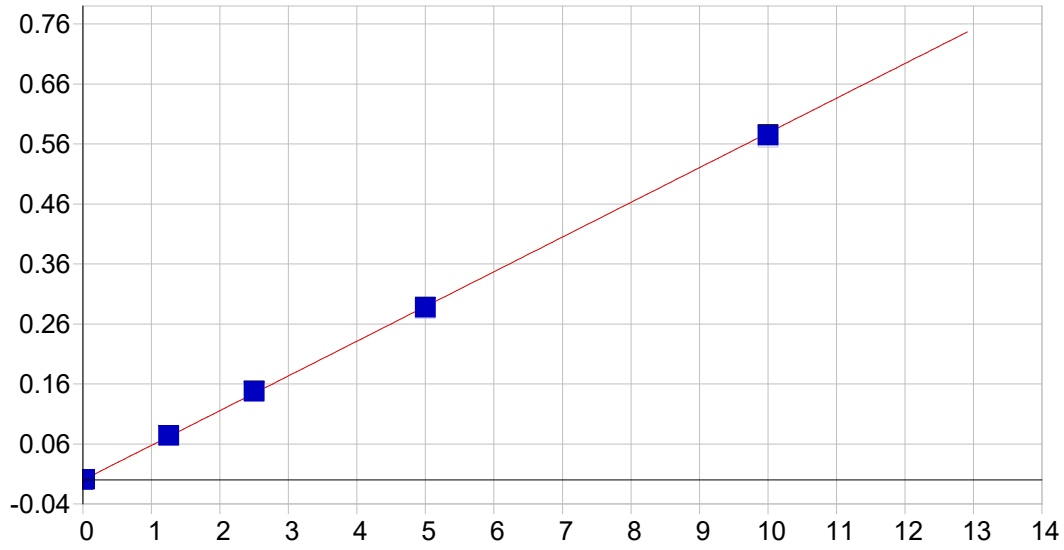
As 189.042 {479}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000232	Re-Slope:	1.000000
A1 (Gain):	0.030493	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999066	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.008526		
Predicted MQL:	0.028419		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.01000	.00933	-.001	-6.72	.00052	.000	1
S2	1.2500	1.1480	-.102	-8.16	.03569	.000	1
S3	2.5000	2.3713	-.129	-5.15	.07346	.001	1
S4	5.0000	4.8365	-.163	-3.27	.14954	.001	1
S5	10.000	10.395	.395	3.95	.32086	.001	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



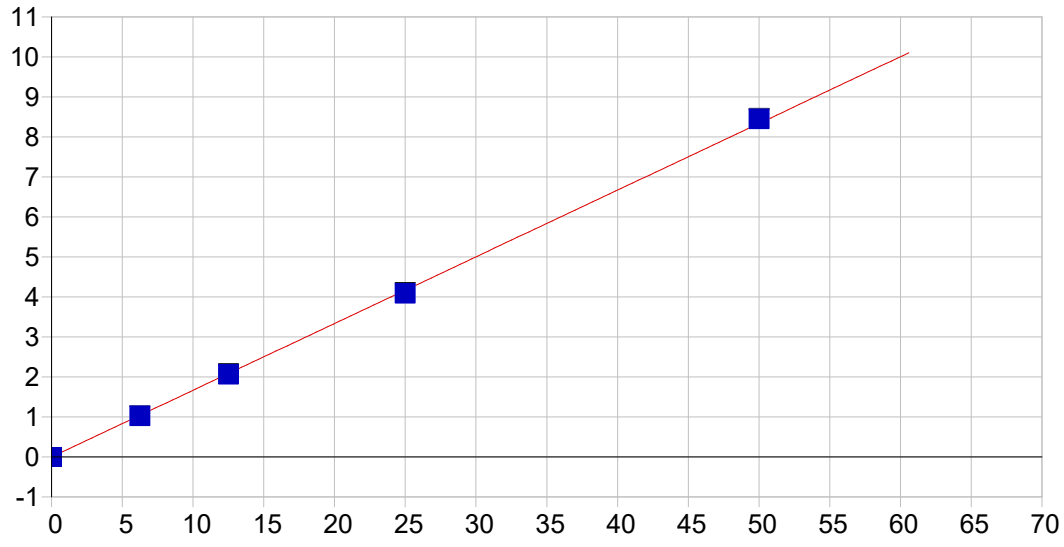
Tl 190.856 {477}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000239	Re-Slope:	1.000000
A1 (Gain):	0.057859	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.003594		
Predicted MQL:	0.011979		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.02500	.02538	.000	1.52	.00120	.000	1
S2	1.2500	1.2818	.032	2.54	.07343	.000	1
S3	2.5000	2.5560	.056	2.24	.14665	.001	1
S4	5.0000	4.9753	-.025	-.494	.28563	.001	1
S5	10.000	9.9366	-.063	-.634	.57069	.001	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



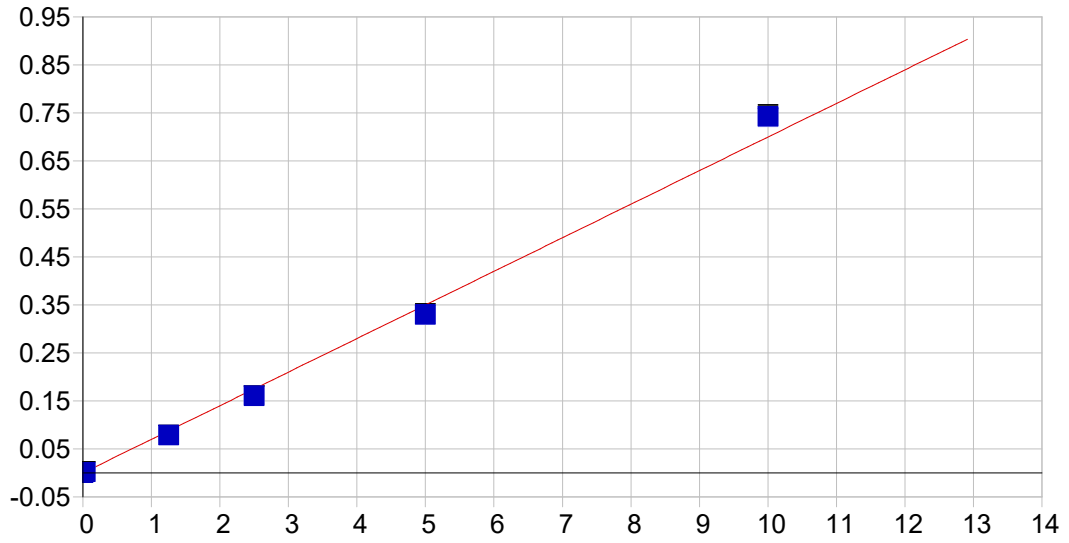
Pb 220.353 {453}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000273	Re-Slope:	1.000000
A1 (Gain):	0.166745	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999883	Status:	OK.
Std Error of Est:	0.000096		
Predicted MDL:	0.003090		
Predicted MQL:	0.010300		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.01000	.00722	-.003	-27.8	.00093	.000	1
S2	6.2500	6.1328	-.117	-1.88	1.0221	.003	1
S3	12.500	12.400	-.100	-.802	2.0668	.009	1
S4	25.000	24.533	-.467	-1.87	4.0894	.014	1
S5	50.000	50.687	.687	1.37	8.4495	.013	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



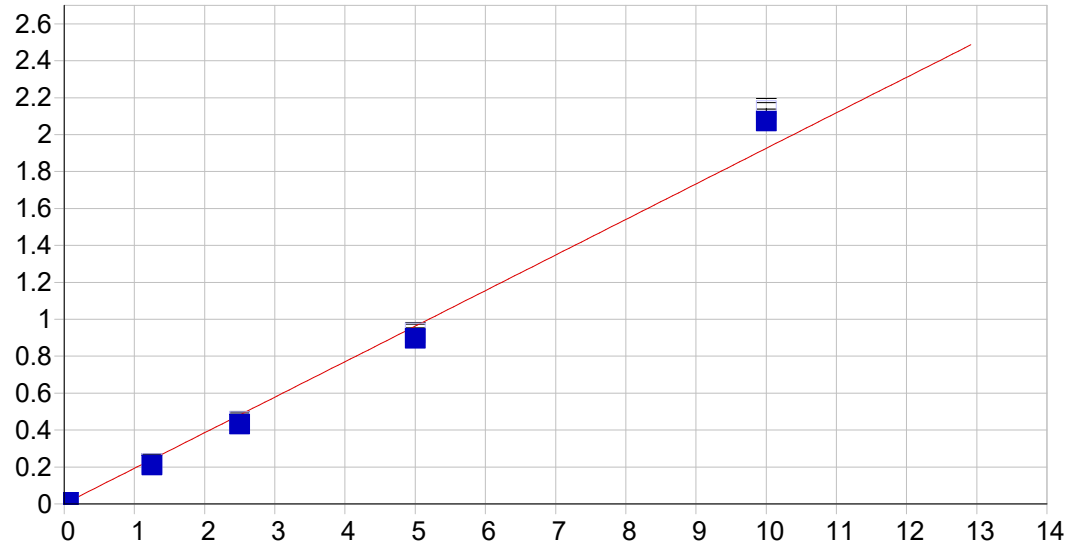
Se 196.090 {472}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000049	Re-Slope:	1.000000
A1 (Gain):	0.069969	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997755	Status:	OK.
Std Error of Est:	0.000147		
Predicted MDL:	0.006200		
Predicted MQL:	0.020665		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00005	.000	1
S1	.03500	.03108	-.004	-11.2	.00222	.000	1
S2	1.2500	1.1233	-.127	-10.1	.07848	.000	1
S3	2.5000	2.2928	-.207	-8.29	.16014	.001	1
S4	5.0000	4.7200	-.280	-5.60	.32964	.001	1
S5	10.000	10.618	.618	6.18	.74164	.004	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

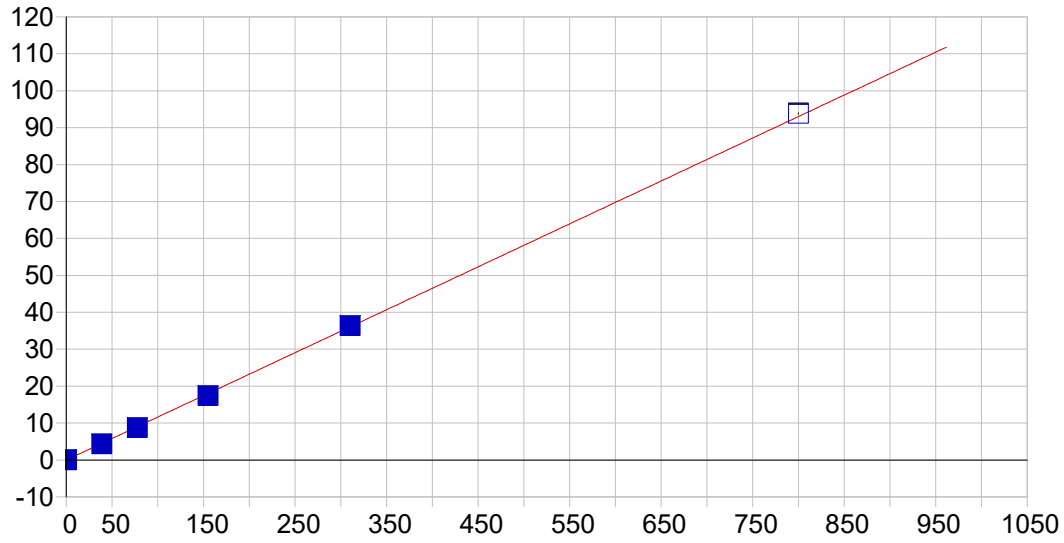


Sb 206.833 {463}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000206	Re-Slope:	1.000000
A1 (Gain):	0.192509	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996739	Status:	OK.
Std Error of Est:	0.000660		
Predicted MDL:	0.002701		
Predicted MQL:	0.009005		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00021	.000	1
S1	.06000	.05307	-.007	-11.6	.01042	.000	1
S2	1.2500	1.0923	-.158	-12.6	.21758	.001	1
S3	2.5000	2.2404	-.260	-10.4	.44571	.002	1
S4	5.0000	4.6550	-.345	-6.90	.92475	.004	1
S5	10.000	10.769	.769	7.69	2.1302	.011	1



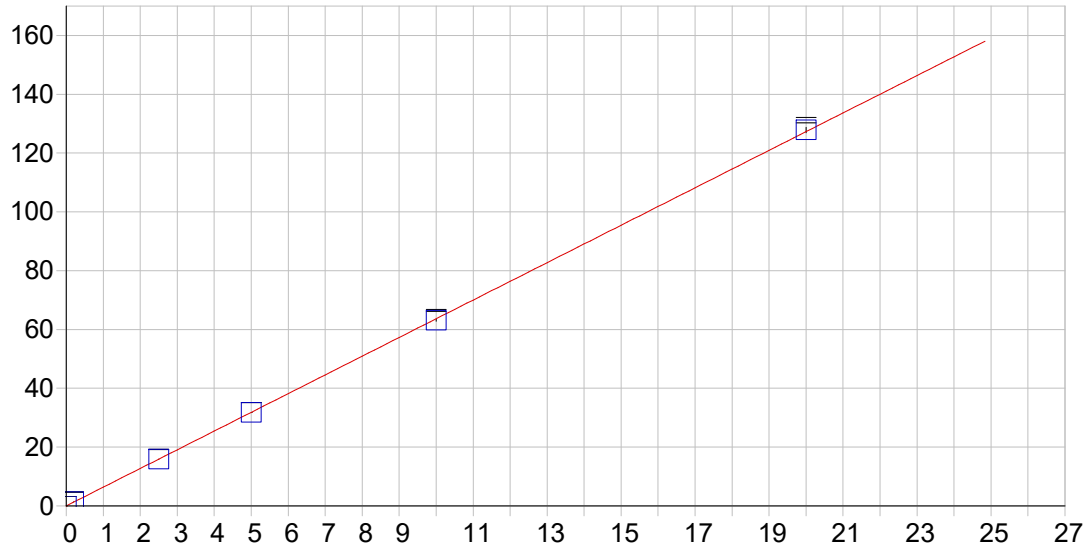
Al 396.152 { 85}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003574	Re-Slope:	1.000000
A1 (Gain):	0.116273	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999837	Status:	OK.
Std Error of Est:	0.001304		
Predicted MDL:	0.016304		
Predicted MQL:	0.054347		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00357	.001	1
S1	.20000	.20559	.006	2.80	.02037	.002	1
S2	38.750	37.346	-1.40	-3.62	4.3442	.002	1
S3	77.500	74.698	-2.80	-3.62	8.6926	.011	1
S4	155.00	149.31	-5.69	-3.67	17.379	.051	1
S5	310.00	312.69	2.69	.868	36.397	.027	1
S6	800.00	807.21	7.21	.901	93.853	.189	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



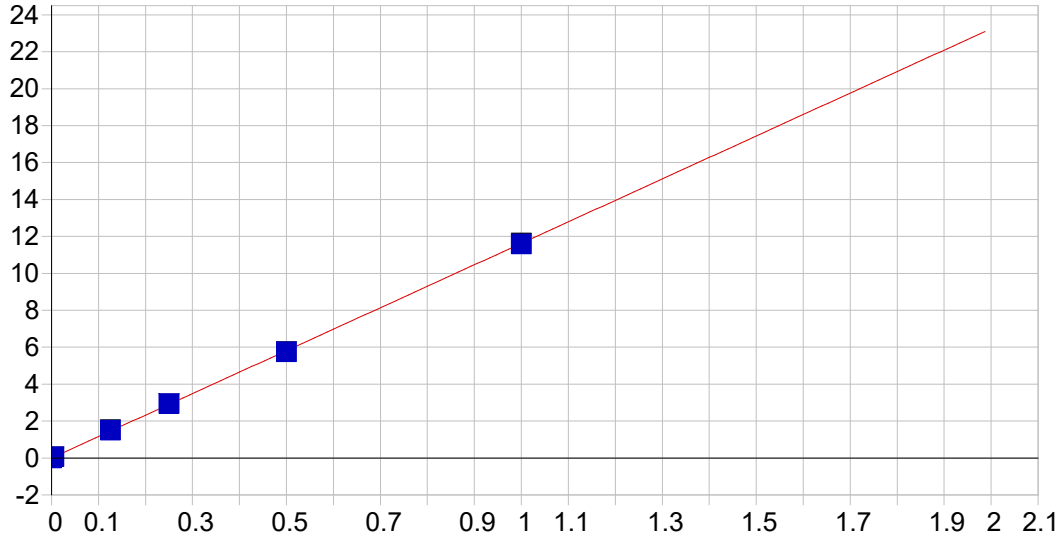
Ba 493.409 { 68}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006092	Re-Slope:	1.000000
A1 (Gain):	6.364081	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	OK.
Std Error of Est:	0.004924		
Predicted MDL:	0.000605		
Predicted MQL:	0.002018		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00602	.001	1
S1	.20000	.21294	.013	6.47	1.3612	.007	1
S2	2.5000	2.4908	-.009	-.369	15.858	.062	1
S3	5.0000	4.9927	-.007	-.145	31.780	.027	1
S4	10.000	9.9149	-.085	-.851	63.106	.296	1
S5	20.000	20.089	.089	.443	127.85	.928	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



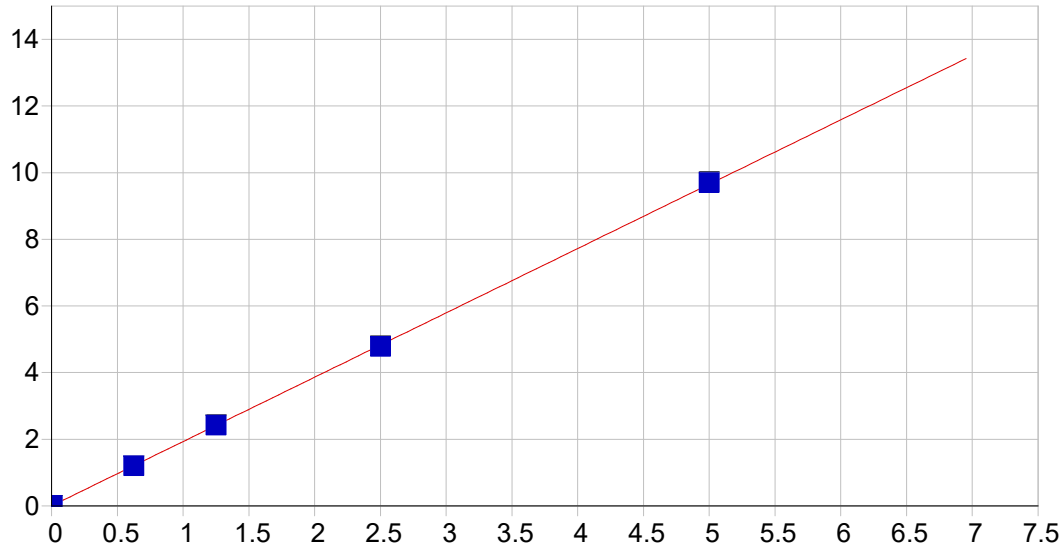
Be 234.861 {144}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002251	Re-Slope:	1.000000
A1 (Gain):	11.627627	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999894	Status:	OK.
Std Error of Est:	0.000634		
Predicted MDL:	0.000098		
Predicted MQL:	0.000327		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00226	.001	1
S1	.00500	.00568	.001	13.5	.06371	.001	1
S2	.12500	.12985	.005	3.88	1.5053	.006	1
S3	.25000	.25304	.003	1.22	2.9353	.003	1
S4	.50000	.49391	-.006	-1.22	5.7313	.012	1
S5	1.0000	.99752	-.002	-.248	11.578	.047	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



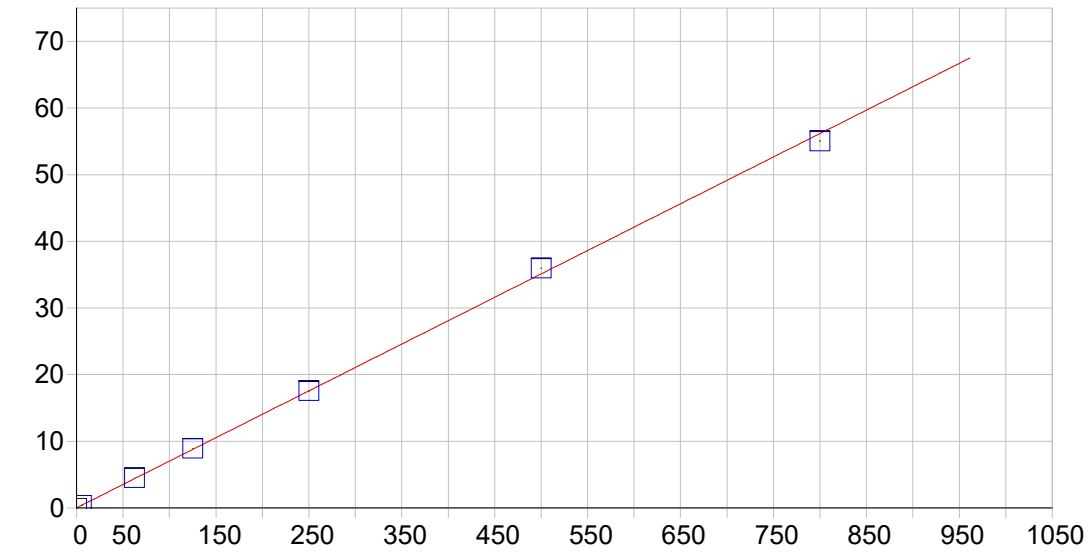
Cd 214.438 {457}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000484	Re-Slope:	1.000000
A1 (Gain):	1.930915	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000109		
Predicted MDL:	0.000159		
Predicted MQL:	0.000529		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00048	.000	1
S1	.00500	.00546	.000	9.16	.01103	.000	1
S2	.62500	.62241	-.003	-.414	1.2052	.001	1
S3	1.2500	1.2553	.005	.423	2.4301	.010	1
S4	2.5000	2.4749	-.025	-1.00	4.7909	.014	1
S5	5.0000	5.0220	.022	.439	9.7206	.012	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



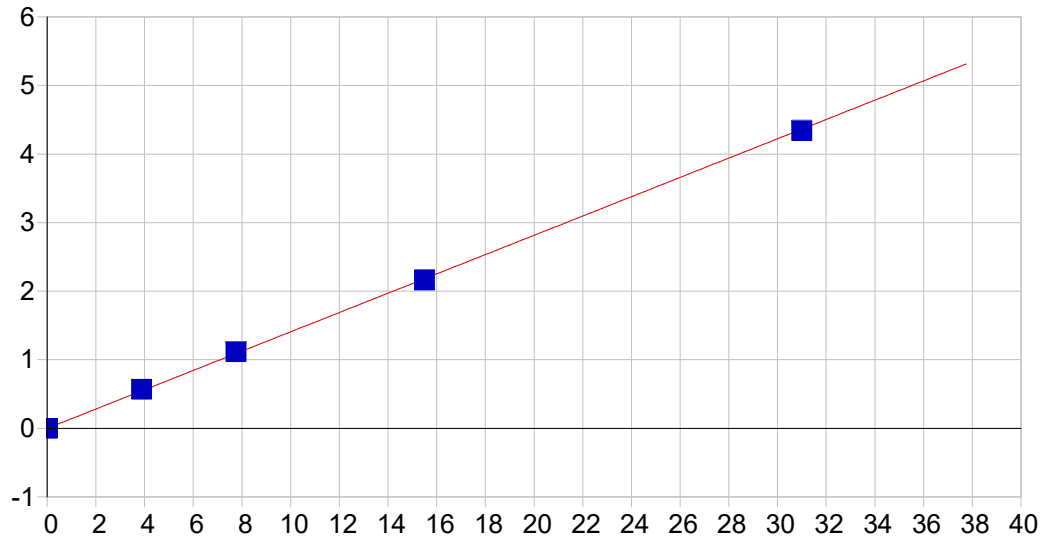
Ca 373.690 { 90}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006920	Re-Slope:	1.000000
A1 (Gain):	0.070207	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999782	Status:	OK.
Std Error of Est:	0.005120		
Predicted MDL:	0.021089		
Predicted MQL:	0.070296		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00083	-.001	.000	.00686	.001	1
S1	5.0000	5.6121	.612	12.2	.40093	.002	1
S2	62.500	63.998	1.50	2.40	4.5000	.025	1
S3	125.00	126.82	1.82	1.45	8.9102	.016	1
S4	250.00	249.94	-.063	-.025	17.554	.076	1
S5	500.00	512.23	12.2	2.45	35.969	.042	1
S6	800.00	783.90	-16.1	-2.01	55.042	.079	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



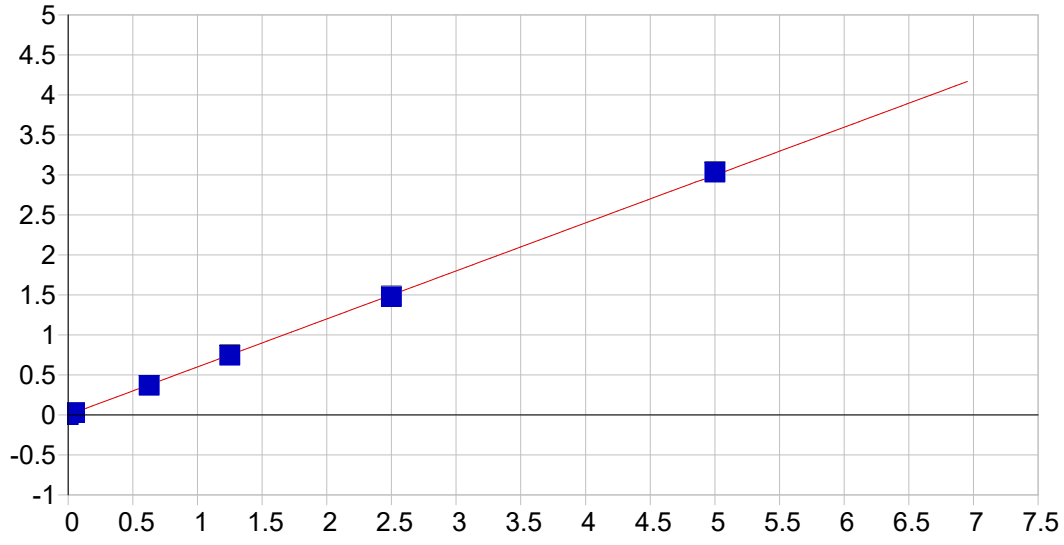
Cr 267.716 {126}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000021	Re-Slope:	1.000000
A1 (Gain):	0.140755	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.001282		
Predicted MQL:	0.004275		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.00987	-.000	-1.33	.00141	.000	1
S2	3.8750	4.0340	.159	4.10	.56844	.001	1
S3	7.7500	7.9245	.174	2.25	1.1167	.002	1
S4	15.500	15.348	-.152	-.978	2.1628	.003	1
S5	31.000	30.818	-.182	-.586	4.3427	.006	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



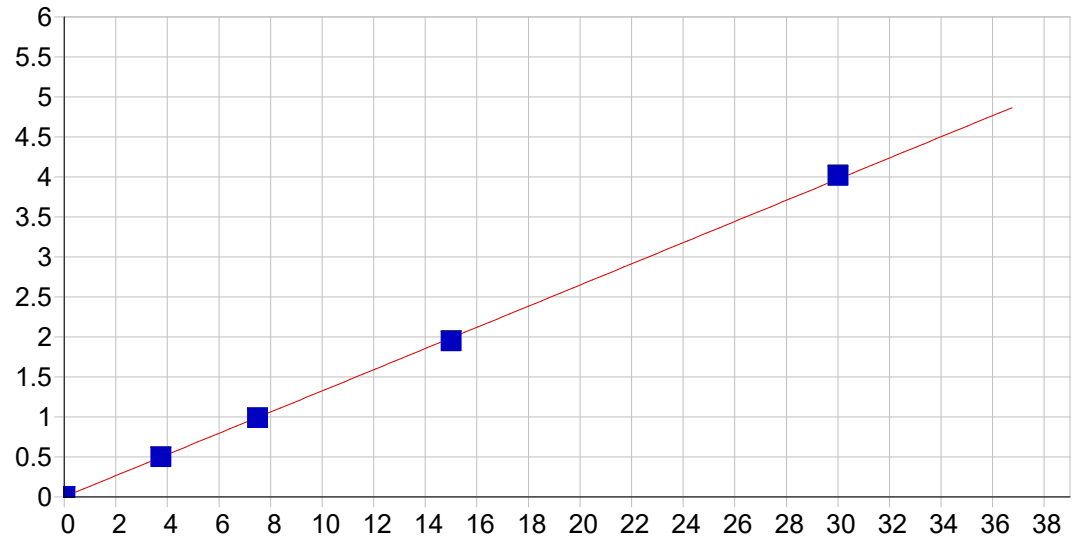
Co 228.616 {448}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000331	Re-Slope:	1.000000
A1 (Gain):	0.599658	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999918	Status:	OK.
Std Error of Est:	0.000205		
Predicted MDL:	0.000591		
Predicted MQL:	0.001969		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.05000	.05008	.000	.154	.02980	.000	1
S2	.62500	.61278	-.012	-1.96	.36758	.001	1
S3	1.2500	1.2397	-.010	-.821	.74400	.003	1
S4	2.5000	2.4634	-.037	-1.46	1.4787	.005	1
S5	5.0000	5.0590	.059	1.18	3.0370	.004	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



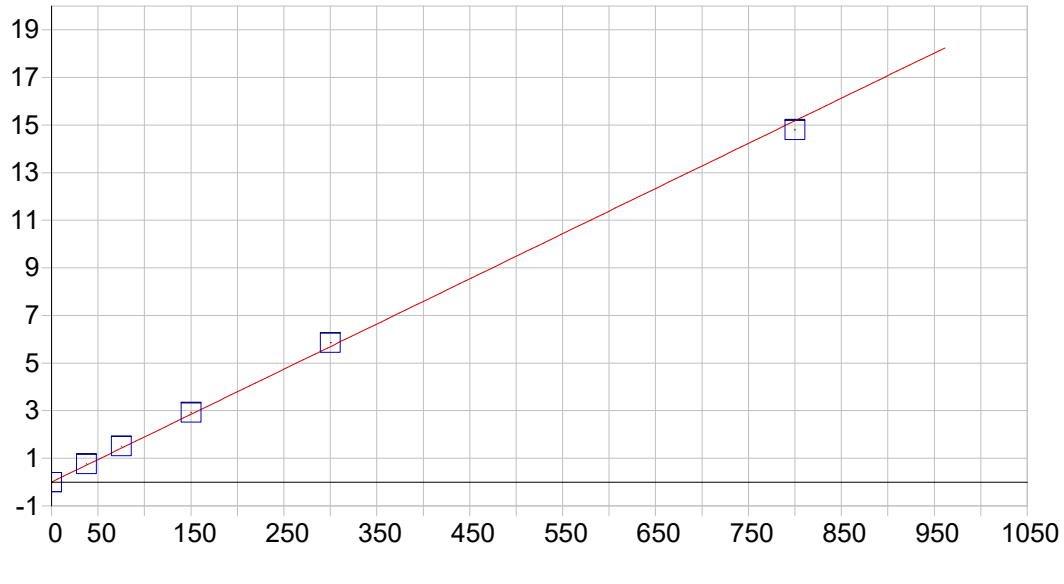
Cu 324.754 {104}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001428	Re-Slope:	1.000000
A1 (Gain):	0.132355	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999900	Status:	OK.
Std Error of Est:	0.000086		
Predicted MDL:	0.006202		
Predicted MQL:	0.020672		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00143	.001	1
S1	.02500	.01866	-.006	-25.3	.00390	.000	1
S2	3.7500	3.7576	.008	.203	.49845	.002	1
S3	7.5000	7.4541	-.046	-.612	.98738	.003	1
S4	15.000	14.710	-.290	-1.93	1.9471	.003	1
S5	30.000	30.334	.334	1.11	4.0138	.006	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



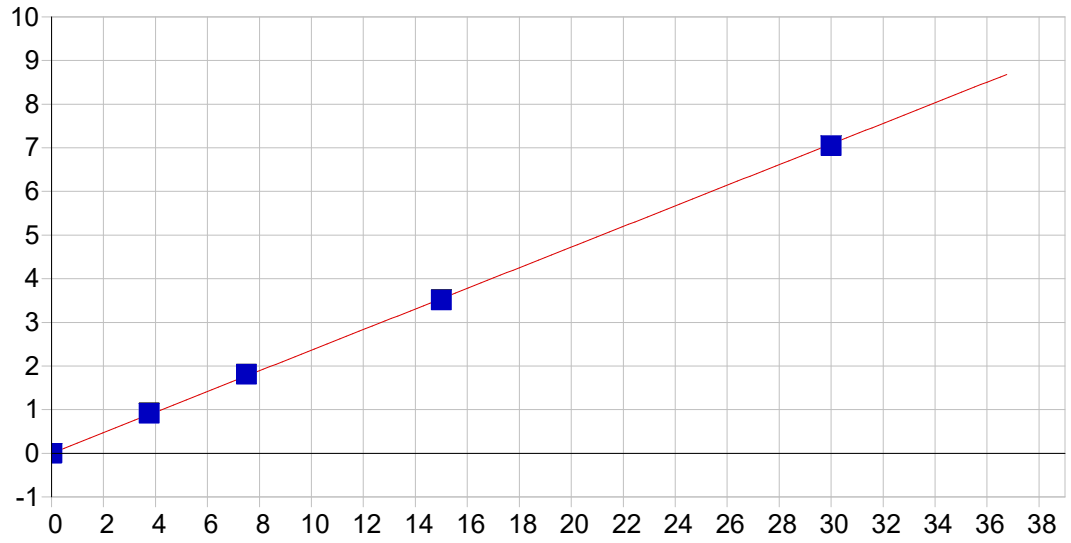
Fe 259.837 {130}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000279	Re-Slope:	1.000000
A1 (Gain):	0.018974	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999511	Status:	OK.
Std Error of Est:	0.000259		
Predicted MDL:	0.026211		
Predicted MQL:	0.087369		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00028	.001	1
S1	.10000	.12257	.023	22.6	.00260	.000	1
S2	37.500	40.423	2.92	7.79	.76729	.004	1
S3	75.000	79.427	4.43	5.90	1.5074	.003	1
S4	150.00	153.93	3.93	2.62	2.9210	.013	1
S5	300.00	308.54	8.54	2.85	5.8547	.004	1
S6	800.00	780.16	-19.8	-2.48	14.803	.017	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



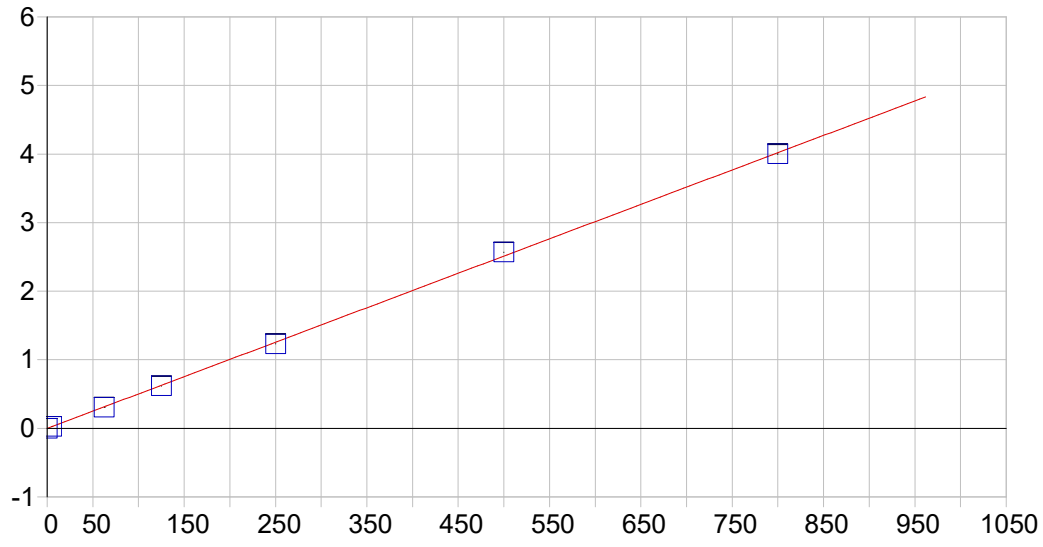
Mn 257.610 {131}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000040	Re-Slope:	1.000000
A1 (Gain):	0.236236	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.000113		
Predicted MDL:	0.001855		
Predicted MQL:	0.006184		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01500	.01607	.001	7.16	.00377	.001	1
S2	3.7500	3.8822	.132	3.53	.91721	.006	1
S3	7.5000	7.6598	.160	2.13	1.8097	.002	1
S4	15.000	14.871	-.129	-.860	3.5135	.014	1
S5	30.000	29.836	-.164	-.547	7.0494	.004	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



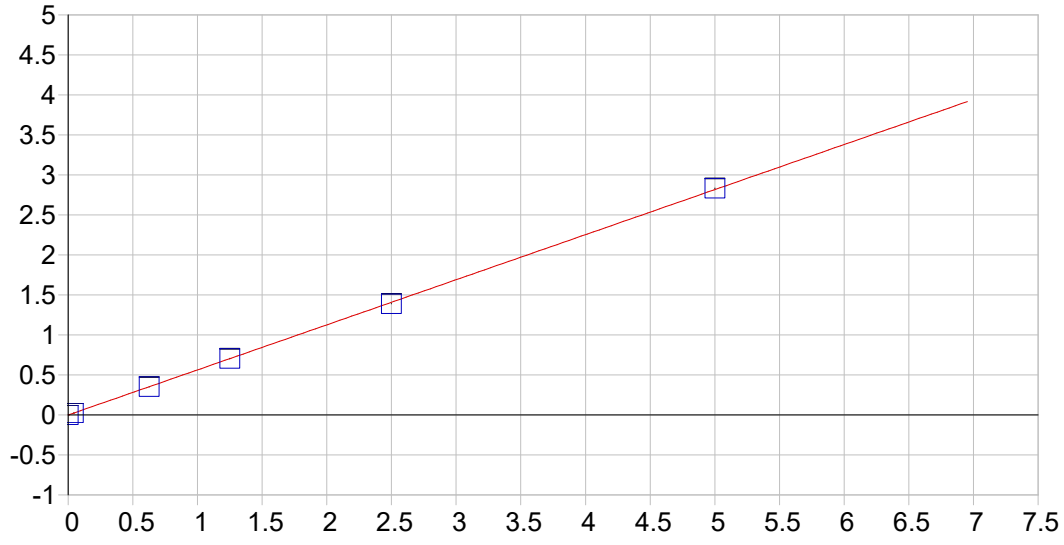
Mg 279.079 {121}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000459	Re-Slope:	1.000000
A1 (Gain):	0.005026	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000281		
Predicted MDL:	0.097144		
Predicted MQL:	0.323813		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	-.00046	.000	1
S1	5.0000	5.3768	.377	7.54	.02656	.000	1
S2	62.500	61.217	-1.28	-2.05	.30719	.001	1
S3	125.00	123.02	-1.98	-1.59	.61777	.002	1
S4	250.00	245.39	-4.61	-1.85	1.2327	.003	1
S5	500.00	511.34	11.3	2.27	2.5693	.003	1
S6	800.00	796.16	-3.84	-.479	4.0007	.007	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



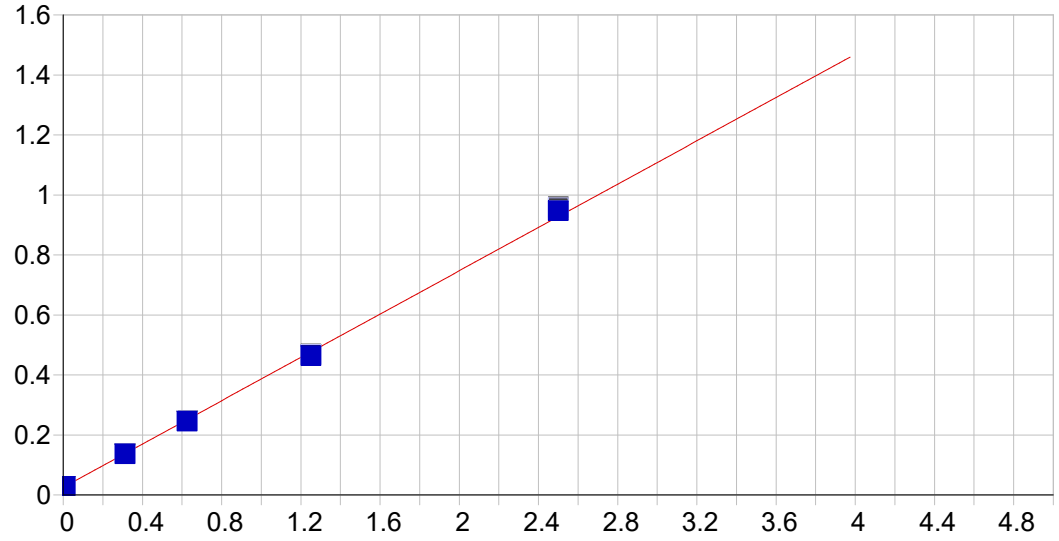
Ni 231.604 {446}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000367	Re-Slope:	1.000000
A1 (Gain):	0.563298	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000122		
Predicted MDL:	0.000666		
Predicted MQL:	0.002221		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00037	.000	1
S1	.04000	.04236	.002	5.91	.02350	.000	1
S2	.62500	.62295	-.002	-.328	.35054	.001	1
S3	1.2500	1.2516	.002	.129	.70467	.004	1
S4	2.5000	2.4667	-.033	-1.33	1.3891	.002	1
S5	5.0000	5.0314	.031	.627	2.8338	.004	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



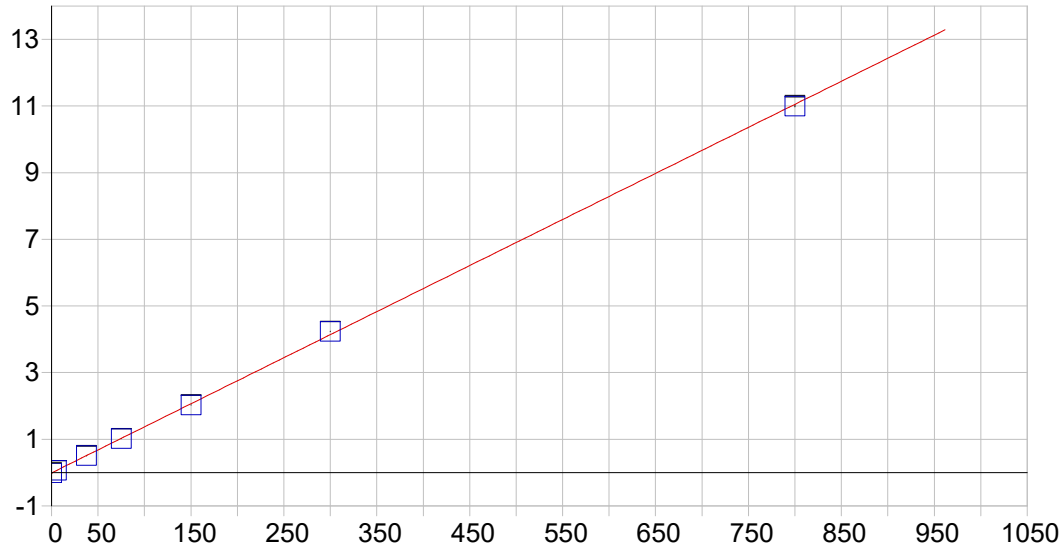
Ag 328.068 {103}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.025410	Re-Slope:	1.000000
A1 (Gain):	0.360903	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999626	Status:	OK.
Std Error of Est:	0.000084		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02541	.000	1
S1	.01000	.01291	.003	29.1	.03006	.000	1
S2	.31250	.30717	-.005	-1.70	.13748	.001	1
S3	.62500	.60804	-.017	-2.71	.24728	.000	1
S4	1.2500	1.2147	-.035	-2.82	.46866	.000	1
S5	2.5000	2.5547	.055	2.19	.95713	.002	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



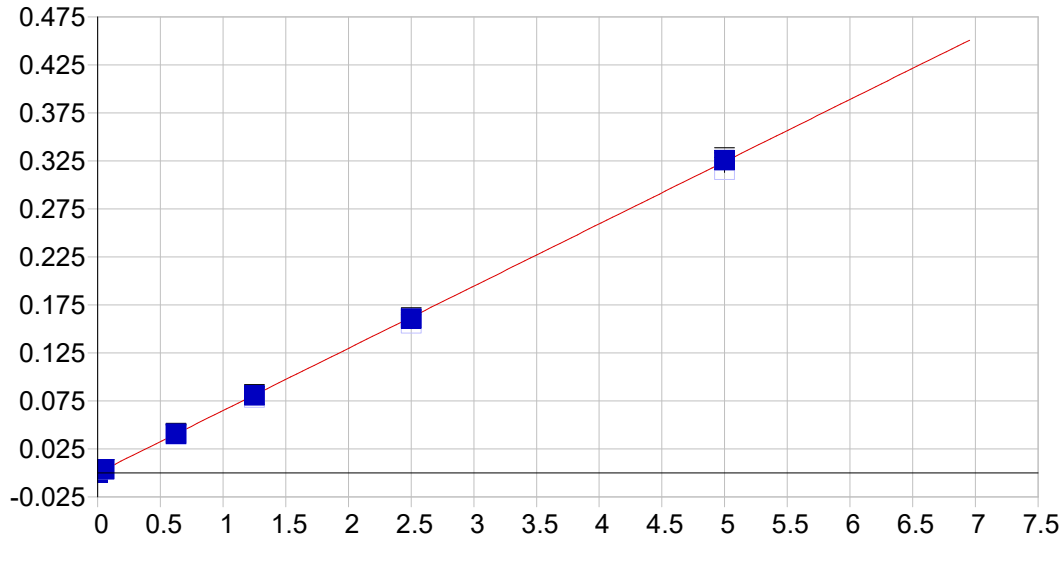
Na 818.326 { 41}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.009720	Re-Slope:	1.000000
A1 (Gain):	0.013827	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000587		
Predicted MDL:	0.328895		
Predicted MQL:	1.096316		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	-.000	.000	-.00972	.004	1
S1	5.0000	5.3180	.318	6.36	.06381	.003	1
S2	37.500	37.133	-.367	-.979	.50372	.010	1
S3	75.000	74.382	-.618	-.825	1.0188	.005	1
S4	150.00	147.50	-2.50	-1.67	2.0297	.003	1
S5	300.00	307.09	7.09	2.36	4.2365	.005	1
S6	800.00	796.08	-3.92	-.490	10.998	.026	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



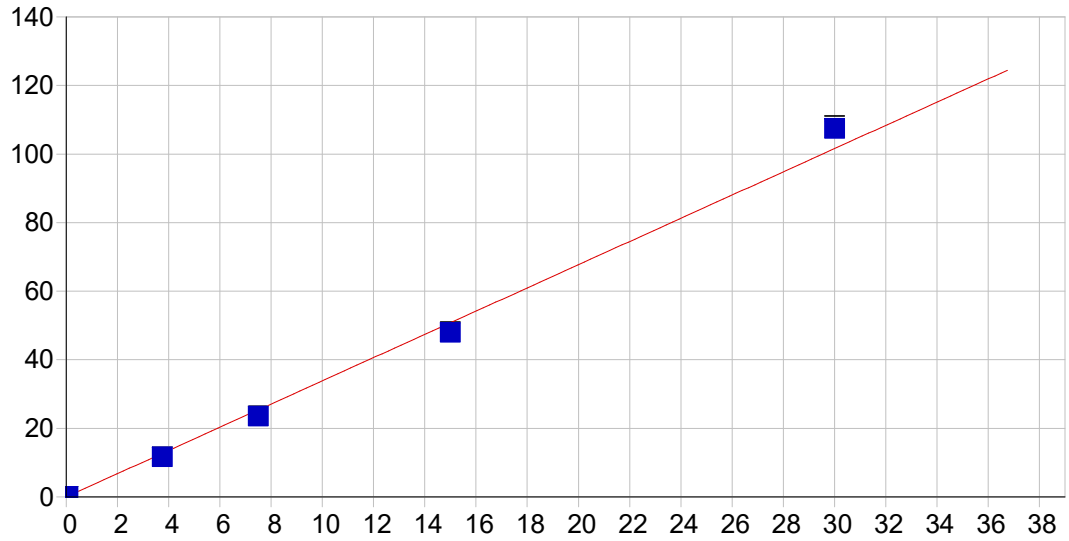
V 292.402 {115}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000085	Re-Slope:	1.000000
A1 (Gain):	0.064825	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.013238		
Predicted MQL:	0.044126		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.001	1
S1	.05000	.05311	.003	6.23	.00352	.000	1
S2	.62500	.62747	.002	.396	.03952	.000	1
S3	1.2500	1.2450	-.005	-.402	.07830	.001	1
S4	2.5000	2.4751	-.025	-.994	.15556	.001	1
S5	5.0000	5.0242	.024	.484	.31582	.003	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



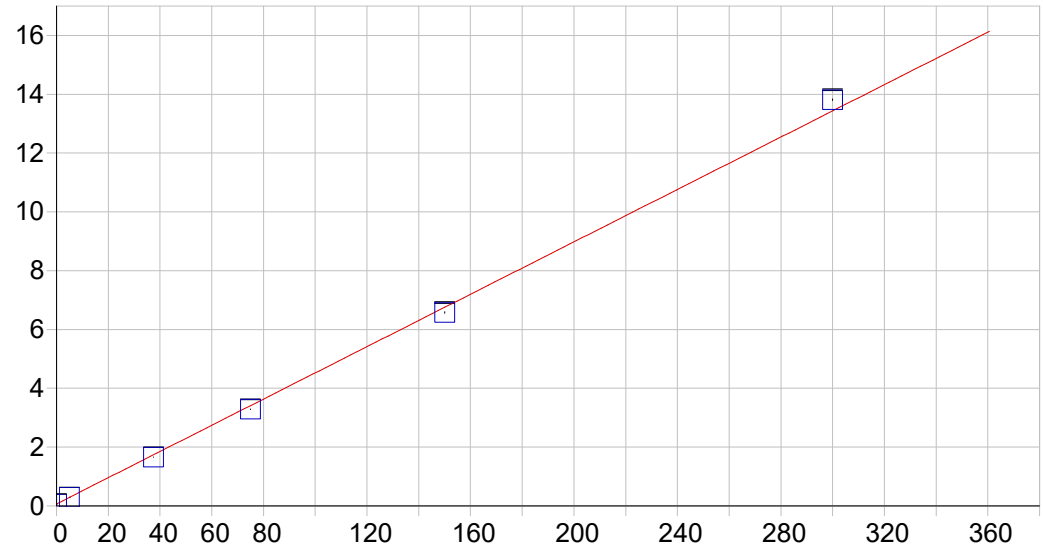
Zn 213.856 {158}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004628	Re-Slope:	1.000000
A1 (Gain):	3.385914	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998120	Status:	OK.
Std Error of Est:	0.014811		
Predicted MDL:	0.000421		
Predicted MQL:	0.001404		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00467	.001	1
S1	.06000	.05725	-.003	-4.59	.19945	.003	1
S2	3.7500	3.4305	-.319	-8.52	11.635	.052	1
S3	7.5000	6.9530	-.547	-7.29	23.578	.150	1
S4	15.000	14.155	-.845	-5.63	47.993	.156	1
S5	30.000	31.714	1.71	5.71	107.51	.782	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



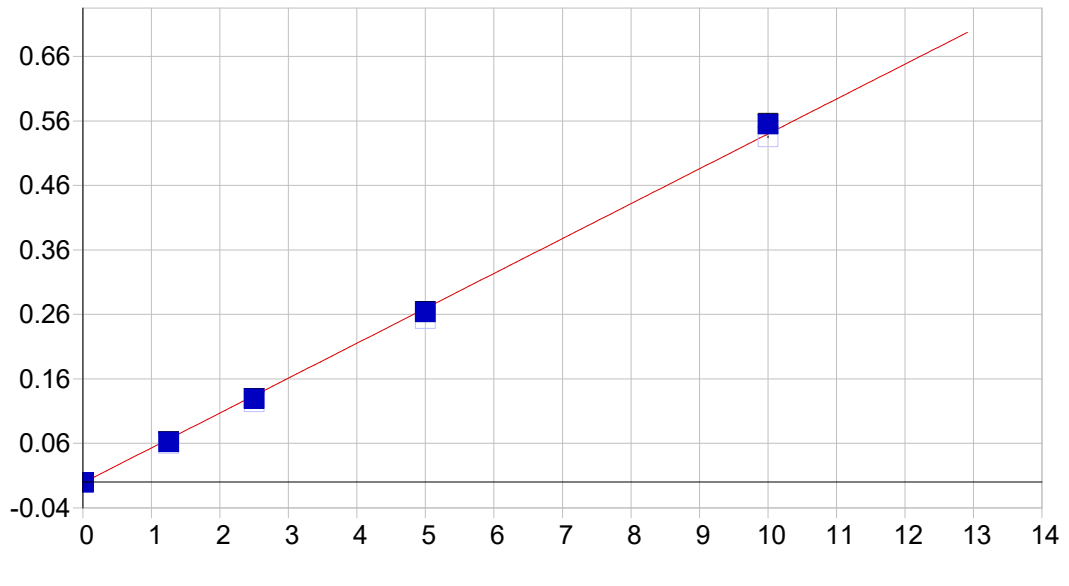
K 769.896 { 44}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.069037	Re-Slope:	1.000000
A1 (Gain):	0.044556	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999530	Status:	OK.
Std Error of Est:	0.002817		
Predicted MDL:	0.102999		
Predicted MQL:	0.343331		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00043	.000	.000	.06906	.003	1
S1	5.0000	4.9890	-.011	-.220	.29133	.001	1
S2	37.500	35.694	-1.81	-4.82	1.6594	.005	1
S3	75.000	72.213	-2.79	-3.72	3.2865	.006	1
S4	150.00	146.10	-3.90	-2.60	6.5785	.030	1
S5	300.00	308.51	8.51	2.84	13.815	.028	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



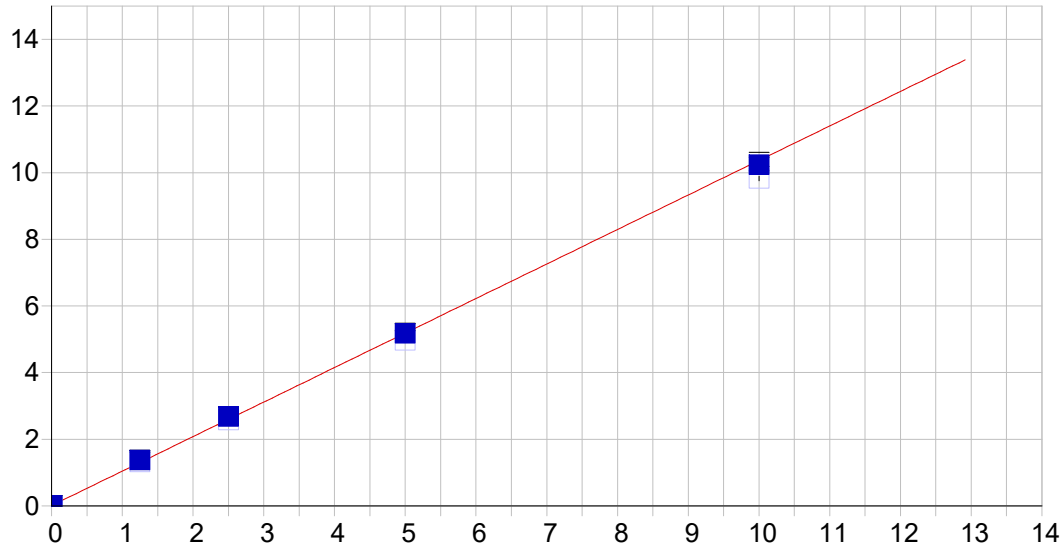
P 177.495 {490}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001036	Re-Slope:	1.000000
A1 (Gain):	0.054089	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999463	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.003711		
Predicted MQL:	0.012370		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00104	.000	1
S1	.01000	.00893	-.001	-10.7	-.00057	.000	1
S2	1.2500	1.1711	-.079	-6.31	.05982	.000	1
S3	2.5000	2.4095	-.091	-3.62	.12432	.000	1
S4	5.0000	4.8893	-.111	-2.21	.25347	.001	1
S5	10.000	10.281	.281	2.81	.53517	.001	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



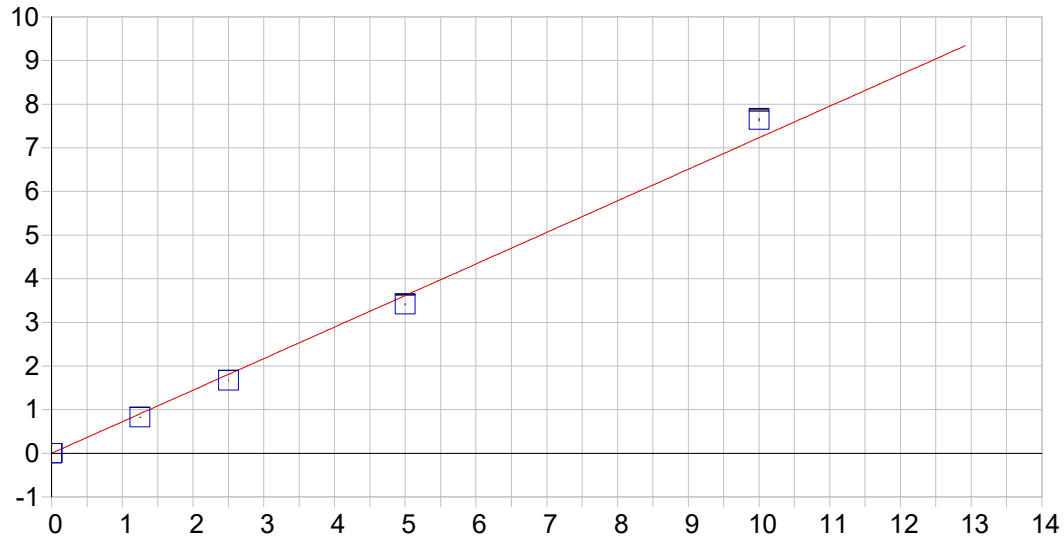
B 249.678 {135}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007987	Re-Slope:	1.000000
A1 (Gain):	1.035893	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999598	Status:	OK.
Std Error of Est:	0.000473		
Predicted MDL:	0.001253		
Predicted MQL:	0.004176		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00799	.001	1
S1	.01000	.00167	-.008	-83.3	.00962	.000	1
S2	1.2500	1.3134	.063	5.08	1.3163	.002	1
S3	2.5000	2.5750	.075	3.00	2.5709	.001	1
S4	5.0000	4.9911	-.009	-.178	4.9692	.010	1
S5	10.000	9.8790	-.121	-1.21	9.8235	.071	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

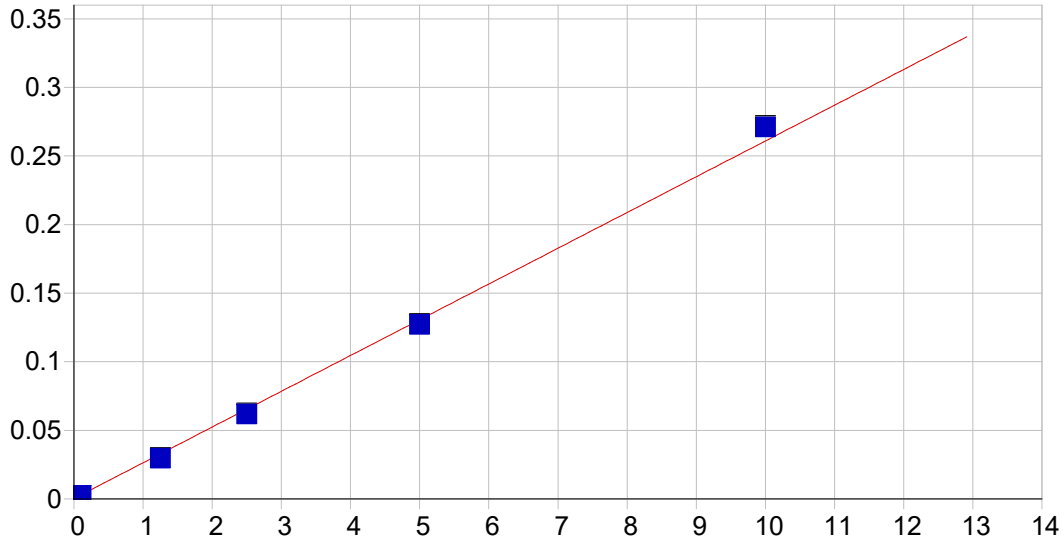


Mo 202.030 {467}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000025	Re-Slope:	1.000000
A1 (Gain):	0.723099	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998067	Status:	OK.
Std Error of Est:	0.000755		
Predicted MDL:	0.000604		
Predicted MQL:	0.002015		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.00955	-.000	-4.49	.00693	.000	1
S2	1.2500	1.1406	-.109	-8.75	.82477	.002	1
S3	2.5000	2.3099	-.190	-7.60	1.6703	.003	1
S4	5.0000	4.7229	-.277	-5.54	3.4151	.012	1
S5	10.000	10.577	.577	5.77	7.6483	.029	1



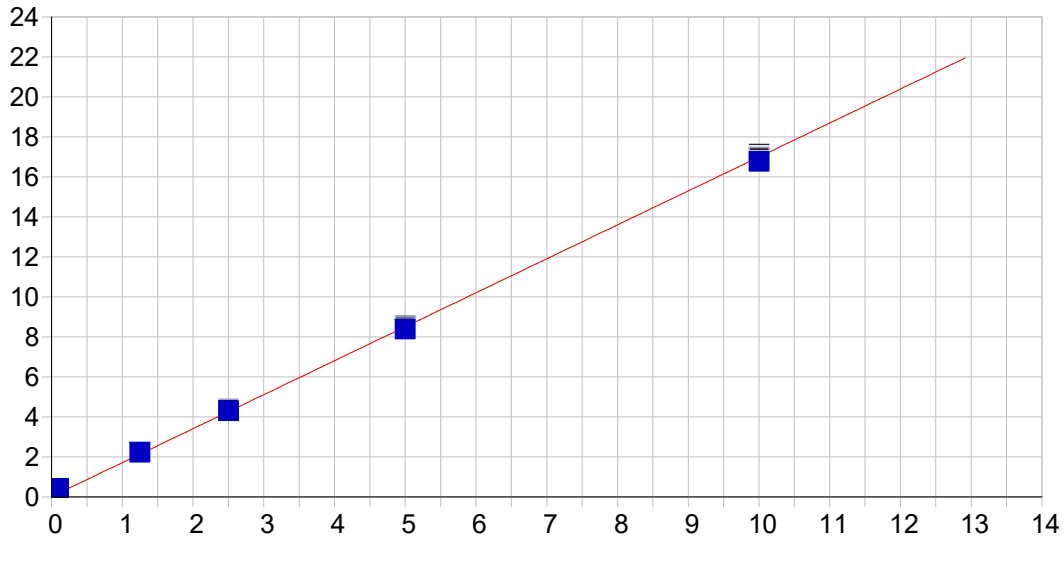
S 182.034 {485}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000275	Re-Slope:	1.000000
A1 (Gain):	0.026068	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999011	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.007405		
Predicted MQL:	0.024682		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00028	.000	1
S1	.10000	.09563	-.004	-4.37	.00277	.000	1
S2	1.2500	1.1304	-.120	-9.57	.02975	.000	1
S3	2.5000	2.3651	-.135	-5.40	.06193	.001	1
S4	5.0000	4.8707	-.129	-2.59	.12726	.000	1
S5	10.000	10.388	.388	3.88	.27111	.001	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



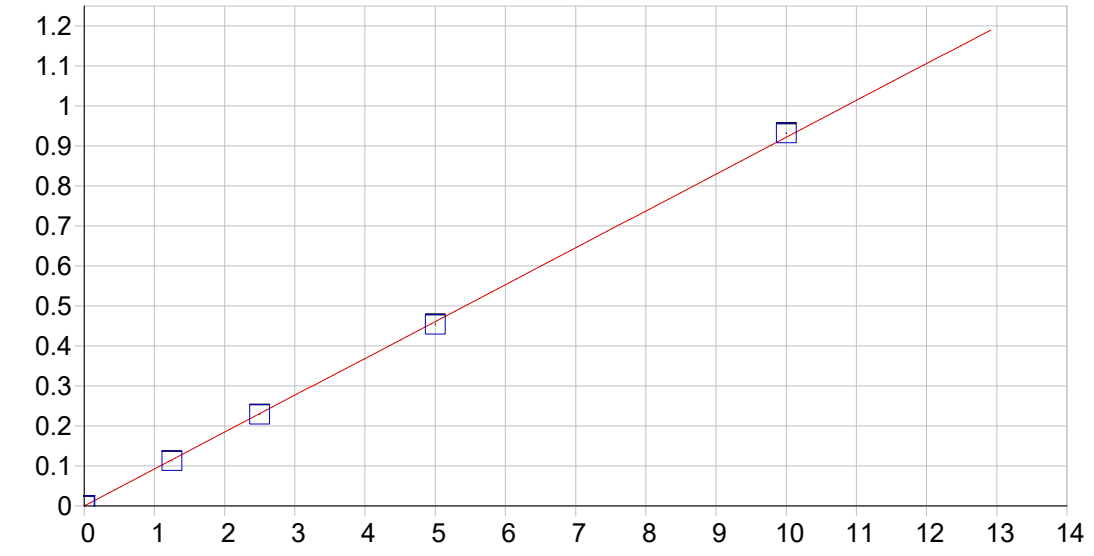
Si 251.611 {134}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.015769	Re-Slope:	1.000000
A1 (Gain):	1.698305	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.995312	Status:	OK.
Std Error of Est:	0.008911		
Predicted MDL:	0.000659		
Predicted MQL:	0.002196		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.01554	.001	1
S1	.10000	.23339	.133	133.	.41328	.004	1
S2	1.2500	1.3038	.054	4.31	2.2644	.007	1
S3	2.5000	2.5271	.027	1.09	4.3763	.004	1
S4	5.0000	4.9238	-.076	-1.52	8.5152	.025	1
S5	10.000	9.8631	-.137	-1.37	17.041	.093	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

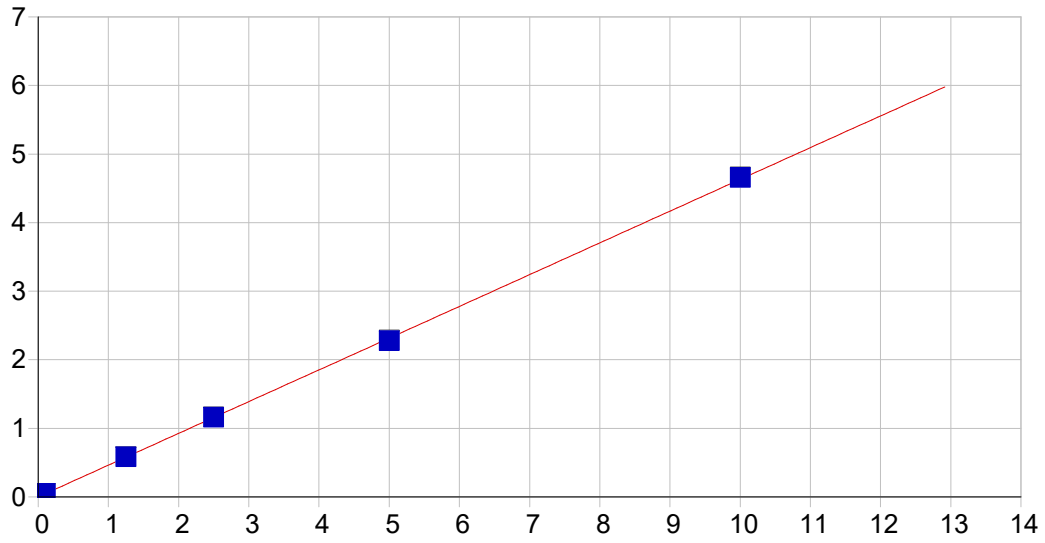


Sn 189.989 {478}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000175	Re-Slope:	1.000000
A1 (Gain):	0.092159	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999290	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.002102		
Predicted MQL:	0.007008		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00017	.000	1
S1	.00700	.01977	.013	182.	.00200	.000	1
S2	1.2500	1.2197	-.030	-2.43	.11258	.001	1
S3	2.5000	2.4821	-.018	-.716	.22892	.001	1
S4	5.0000	4.9225	-.077	-1.55	.45383	.001	1
S5	10.000	10.113	.113	1.13	.93217	.002	1



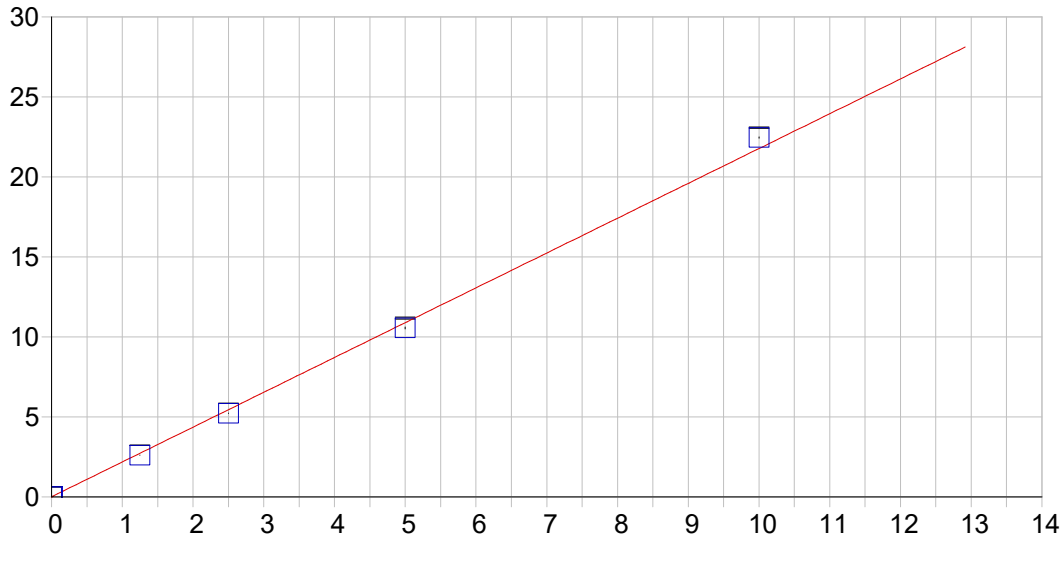
Ti 336.121 {100}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000469	Re-Slope:	1.000000
A1 (Gain):	0.462974	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000250		
Predicted MDL:	0.002218		
Predicted MQL:	0.007394		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00047	.000	1
S1	.10000	.10545	.005	5.45	.04927	.000	1
S2	1.2500	1.2559	.006	.471	.58163	.001	1
S3	2.5000	2.5050	.005	.202	1.1597	.001	1
S4	5.0000	4.9217	-.078	-1.57	2.2779	.006	1
S5	10.000	10.062	.062	.619	4.6566	.005	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



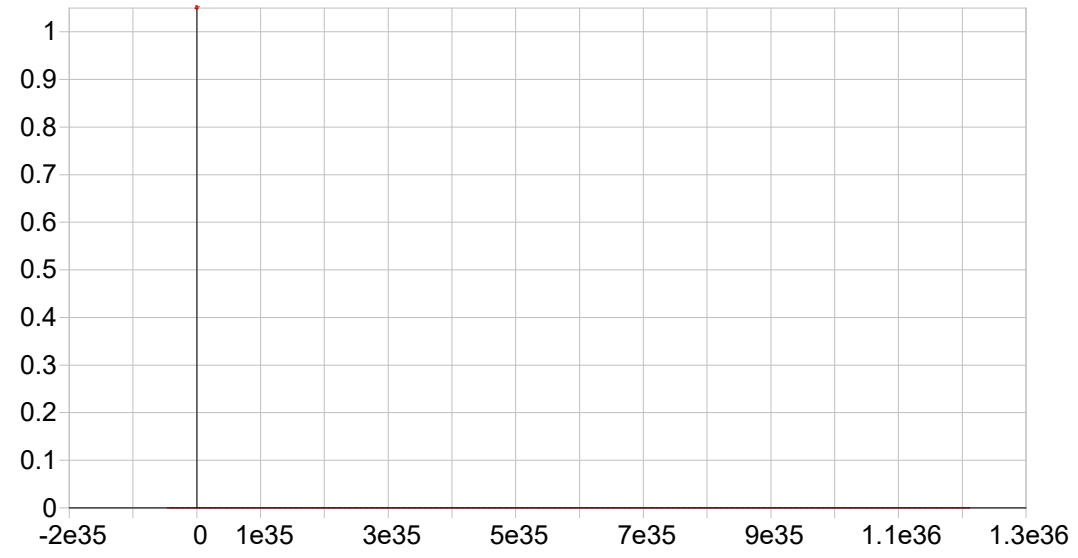
Li 670.784 { 50}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008738	Re-Slope:	1.000000
A1 (Gain):	2.176300	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999420	Status:	OK.
Std Error of Est:	0.001522		
Predicted MDL:	0.002059		
Predicted MQL:	0.006862		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00874	.003	1
S5	10.000	10.316	.316	3.16	22.460	.043	1
S4	5.0000	4.8446	-.155	-3.11	10.552	.059	1
S3	2.5000	2.3962	-.104	-4.15	5.2235	.012	1
S2	1.2500	1.1927	-.057	-4.58	2.6045	.010	1
S1	.01500	.01545	.000	2.98	.04236	.002	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

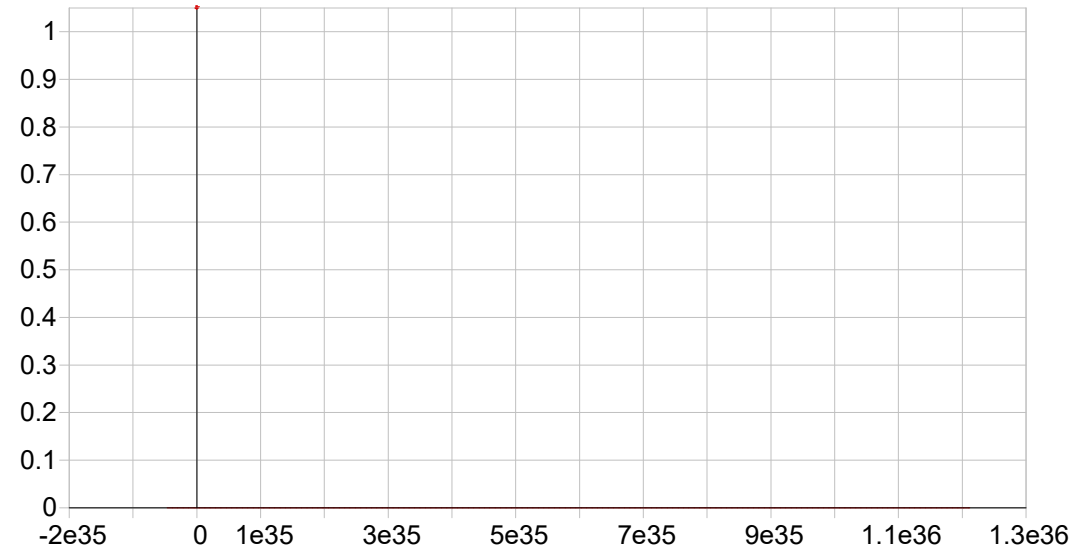


Y 224.306 {450}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 { 94}*

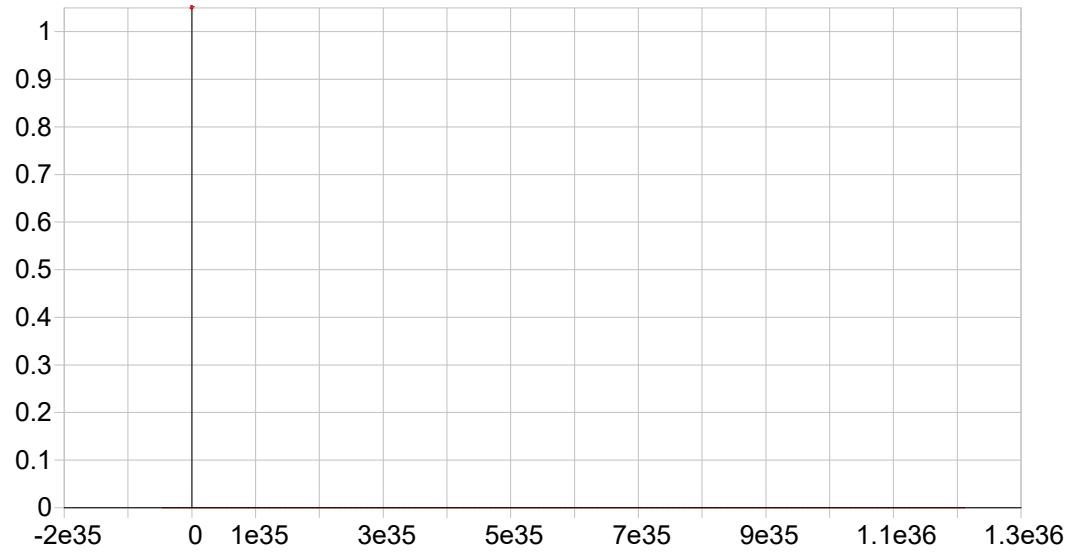
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

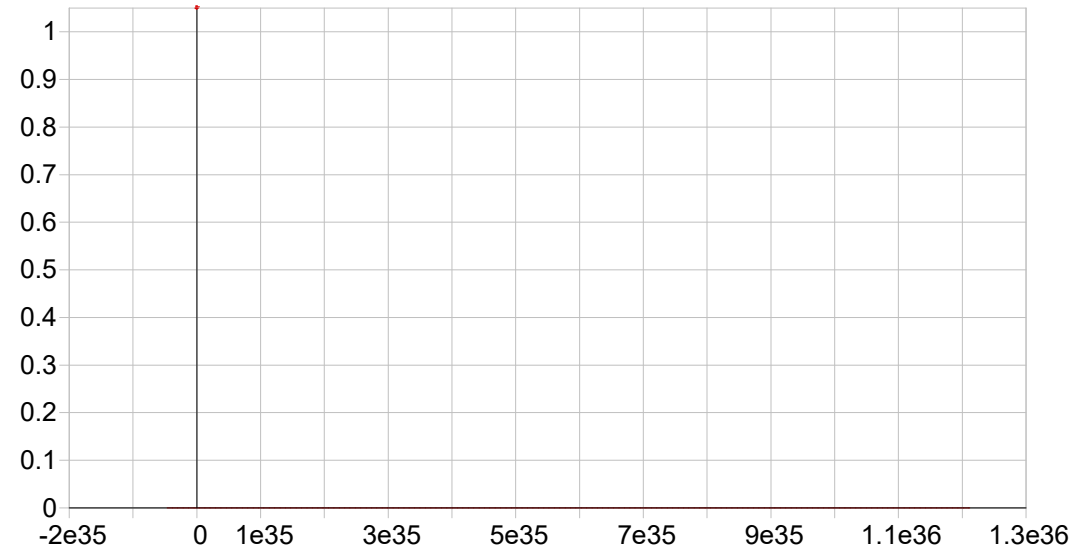


Y 371.030 { 91}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

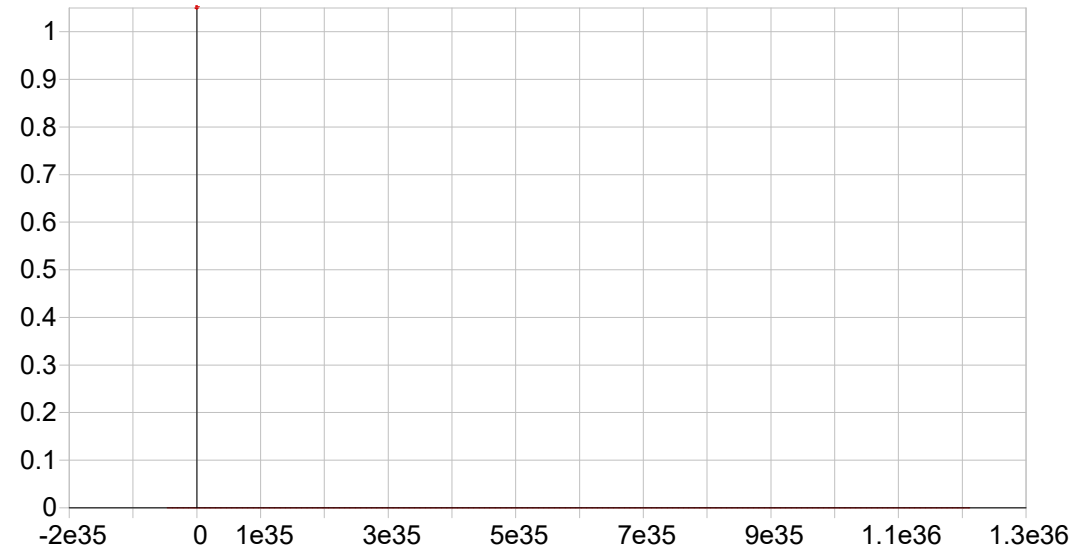
Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5



Y 224.306 {150}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



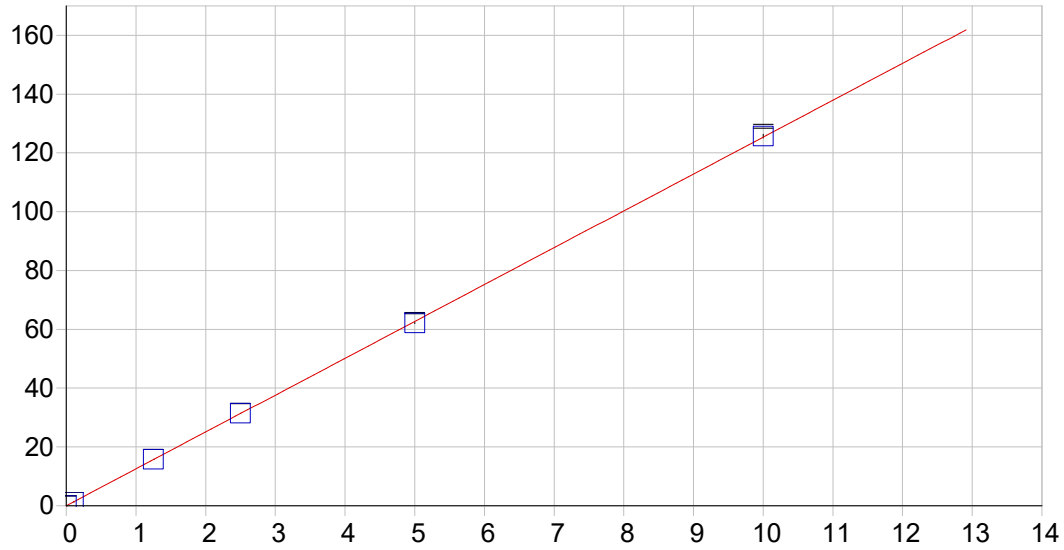
In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Sr 407.771 { 83}

Date of Fit:	11/14/2024 23:54:04	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.005653		Re-Slope:	1.000000	
A1 (Gain):	12.535774		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999977	Status:	OK.		
Std Error of Est:	0.004498				
Predicted MDL:	0.000138				
Predicted MQL:	0.000459				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00557	.000	1
S1	.10000	.10619	.006	6.19	1.3368	.004	1
S2	1.2500	1.2565	.006	.517	15.756	.012	1
S3	2.5000	2.5047	.005	.189	31.404	.042	1
S4	5.0000	4.9571	-.043	-.859	62.146	.211	1
S5	10.000	10.026	.026	.256	125.68	.636	1

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S0 Acquired: 11/14/2024 15:50:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00023	-.00024	-.00027	.00005	.00021	-.00357	.00602	-.00226
Stddev	.00014	.00013	.00050	.00020	.00010	.00148	.00099	.00090
%RSD	61.191	52.892	182.81	406.92	45.222	41.540	16.394	39.638
#1	.00024	-.00010	.00030	.00016	.00011	-.00411	.00710	-.00324
#2	.00037	-.00028	-.00053	-.00018	.00030	-.00472	.00516	-.00206
#3	.00009	-.00034	-.00059	.00017	.00023	-.00190	.00581	-.00148

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00048	.00686	.00002	-.00033	.00143	.00028	-.00004	-.00046
Stddev	.00018	.00116	.00014	.00026	.00076	.00067	.00022	.00035
%RSD	37.398	16.863	633.98	78.585	53.176	240.34	546.39	75.639
#1	.00067	.00730	.00018	-.00015	.00200	-.00014	.00014	-.00073
#2	.00030	.00555	-.00005	-.00063	.00057	.00105	.00003	-.00007
#3	.00048	.00773	-.00006	-.00021	.00172	-.00008	-.00029	-.00058

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00037	.02541	-.00972	.00008	.00467	.06906	-.00104	.00799
Stddev	.00046	.00007	.00374	.00089	.00126	.00309	.00014	.00051
%RSD	125.25	.28109	38.486	1055.0	26.994	4.4734	13.661	6.4355
#1	-.00084	.02541	-.00678	-.00094	.00587	.07040	-.00115	.00833
#2	-.00034	.02534	-.01393	.00054	.00478	.07124	-.00108	.00825
#3	.00008	.02548	-.00846	.00066	.00336	.06552	-.00088	.00740

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00003	.00028	.01554	.00017	.00047	.00874	.00557
Stddev	.00046	.00021	.00104	.00005	.00021	.00340	.00048
%RSD	1754.3	77.272	6.6953	29.930	44.376	38.946	8.5230
#1	-.00048	.00022	.01592	.00012	.00064	.01200	.00594
#2	.00012	.00051	.01436	.00023	.00024	.00521	.00504
#3	.00043	.00009	.01633	.00017	.00052	.00901	.00575

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S0 Acquired: 11/14/2024 15:50:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	900.64	22555.	2133.0	796.91	1726.2
Stddev	2.20	15.	9.4	6.08	4.6
%RSD	.24383	.06733	.44133	.76341	.26879
#1	901.32	22552.	2143.8	792.61	1731.4
#2	898.18	22572.	2128.0	794.26	1724.5
#3	902.41	22542.	2127.1	803.87	1722.7

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S1 Acquired: 11/14/2024 15:54:47 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00052	.00120	.00093	.00222	.01042	.02037	1.3612	.06371
Stddev	.00006	.00023	.00032	.00026	.00029	.00152	.0073	.00090
%RSD	11.724	19.500	33.727	11.644	2.8196	7.4705	.53527	1.4148
#1	.00053	.00107	.00063	.00198	.01076	.01951	1.3542	.06402
#2	.00045	.00105	.00126	.00250	.01029	.02213	1.3688	.06441
#3	.00057	.00147	.00091	.00218	.01021	.01948	1.3607	.06269

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01103	.40093	.00141	.02980	.00390	.00260	.00377	.02656
Stddev	.00009	.00157	.00016	.00034	.00026	.00022	.00081	.00035
%RSD	.85270	.39190	11.639	1.1517	6.7348	8.3344	21.586	1.3078
#1	.01095	.39995	.00149	.02973	.00420	.00267	.00376	.02631
#2	.01101	.40274	.00122	.02950	.00373	.00236	.00458	.02642
#3	.01113	.40009	.00153	.03018	.00376	.00278	.00296	.02696

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02350	.03006	.06381	.00352	.19945	.29133	-.00057	.00962
Stddev	.00014	.00015	.00289	.00027	.00282	.00149	.00008	.00034
%RSD	.58927	.50936	4.5334	7.5954	1.4141	.51155	14.255	3.5218
#1	.02366	.02996	.06221	.00328	.19898	.29201	-.00048	.00964
#2	.02341	.02998	.06207	.00347	.20247	.29235	-.00059	.00928
#3	.02343	.03023	.06715	.00381	.19689	.28962	-.00063	.00995

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00693	.00277	.41328	.00200	.04927	.04236	1.3368
Stddev	.00013	.00008	.00449	.00015	.00039	.00193	.0045
%RSD	1.9384	2.8403	1.0871	7.3632	.78248	4.5616	.33297
#1	.00704	.00271	.41256	.00195	.04908	.04433	1.3322
#2	.00678	.00286	.41808	.00188	.04903	.04047	1.3411
#3	.00698	.00274	.40918	.00216	.04972	.04228	1.3370

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S1 Acquired: 11/14/2024 15:54:47 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	898.96	22461.	2097.3	791.33	1706.9
Stddev	.38	53.	10.1	1.70	1.3
%RSD	.04242	.23615	.48321	.21428	.07423
#1	899.14	22447.	2108.9	789.54	1707.7
#2	899.21	22519.	2090.3	791.56	1707.5
#3	898.52	22416.	2092.8	792.90	1705.4

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S2 Acquired: 11/14/2024 15:59:27 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03569	.07343	1.0221	.07848	.21758	4.3442	15.858	1.5053
Stddev	.00040	.00018	.0028	.00036	.00138	.0017	.062	.0060
%RSD	1.1257	.24760	.27155	.45432	.63423	.03805	.39300	.39718
#1	.03523	.07336	1.0189	.07813	.21871	4.3461	15.922	1.5122
#2	.03593	.07329	1.0230	.07846	.21604	4.3433	15.797	1.5023
#3	.03592	.07363	1.0243	.07884	.21799	4.3431	15.854	1.5014

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2052	4.5000	.56844	.36758	.49845	.76729	.91721	.30719
Stddev	.0011	.0252	.00093	.00065	.00150	.00380	.00650	.00084
%RSD	.08787	.56098	.16284	.17811	.30162	.49562	.70827	.27228
#1	1.2040	4.5268	.56743	.36808	.49702	.77160	.91906	.30780
#2	1.2061	4.4767	.56862	.36684	.49832	.76440	.90999	.30623
#3	1.2055	4.4965	.56926	.36783	.50002	.76586	.92259	.30753

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.35054	.13748	.50372	.03952	11.635	1.6594	.05982	1.3163
Stddev	.00057	.00065	.01015	.00042	.052	.0047	.00021	.0024
%RSD	.16194	.47035	2.0156	1.0710	.44557	.28197	.35281	.18196
#1	.34999	.13679	.50279	.03931	11.647	1.6540	.05958	1.3146
#2	.35113	.13807	.49407	.03923	11.579	1.6619	.05990	1.3190
#3	.35049	.13759	.51431	.04000	11.680	1.6623	.05998	1.3153

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.82477	.02975	2.2644	.11258	.58163	2.6045	15.756
Stddev	.00154	.00041	.0065	.00065	.00126	.0098	.012
%RSD	.18621	1.3884	.28733	.57574	.21723	.37796	.07585
#1	.82623	.03013	2.2692	.11272	.58288	2.6153	15.746
#2	.82317	.02931	2.2670	.11187	.58165	2.5960	15.754
#3	.82491	.02980	2.2570	.11314	.58035	2.6022	15.769

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S2 Acquired: 11/14/2024 15:59:27 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	854.07	22095.	2082.0	747.84	1557.6
Stddev	.99	16.	4.2	3.66	.6
%RSD	.11620	.07157	.20302	.48914	.04148
#1	853.82	22079.	2077.1	745.45	1557.8
#2	855.16	22111.	2084.9	752.05	1558.2
#3	853.22	22094.	2083.8	746.00	1556.9

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S3 Acquired: 11/14/2024 16:03:53 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07346	.14665	2.0668	.16014	.44571	8.6926	31.780	2.9353
Stddev	.00062	.00070	.0088	.00061	.00193	.0107	.027	.0030
%RSD	.85009	.47942	.42468	.37989	.43379	.12280	.08514	.10109
#1	.07275	.14628	2.0588	.15947	.44371	8.6898	31.775	2.9344
#2	.07369	.14621	2.0654	.16066	.44584	8.7044	31.810	2.9386
#3	.07393	.14746	2.0762	.16029	.44757	8.6836	31.757	2.9329

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4301	8.9102	1.1167	.74400	.98738	1.5074	1.8097	.61777
Stddev	.0101	.0156	.0022	.00300	.00260	.0031	.0022	.00195
%RSD	.41711	.17473	.20176	.40273	.26285	.20594	.11977	.31592
#1	2.4225	8.9126	1.1169	.74081	.98870	1.5099	1.8106	.61771
#2	2.4263	8.9245	1.1188	.74444	.98906	1.5039	1.8114	.61975
#3	2.4416	8.8936	1.1143	.74676	.98439	1.5083	1.8073	.61585

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.70467	.24728	1.0188	.07830	23.578	3.2865	.12432	2.5709
Stddev	.00411	.00038	.0050	.00072	.150	.0060	.00024	.0015
%RSD	.58314	.15349	.49204	.92383	.63534	.18317	.19124	.05692
#1	.70143	.24710	1.0228	.07749	23.574	3.2915	.12415	2.5699
#2	.70328	.24703	1.0204	.07889	23.730	3.2882	.12459	2.5726
#3	.70929	.24772	1.0131	.07852	23.430	3.2799	.12421	2.5704

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6703	.06193	4.3763	.22892	1.1597	5.2235	31.404
Stddev	.0027	.00050	.0043	.00091	.0007	.0118	.042
%RSD	.16467	.81093	.09745	.39680	.06415	.22570	.13297
#1	1.6674	.06136	4.3794	.22821	1.1603	5.2113	31.450
#2	1.6707	.06216	4.3779	.22995	1.1598	5.2348	31.393
#3	1.6728	.06229	4.3714	.22862	1.1588	5.2245	31.369

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S3 Acquired: 11/14/2024 16:03:53 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	815.32	21680.	2088.1	705.40	1473.4
Stddev	1.89	45.	9.3	4.37	1.3
%RSD	.23129	.20818	.44674	.61910	.08730
#1	813.91	21637.	2081.6	703.59	1474.3
#2	814.59	21675.	2083.9	702.23	1473.9
#3	817.47	21727.	2098.8	710.38	1471.9

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S4 Acquired: 11/14/2024 16:08:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14954	.28563	4.0894	.32964	.92475	17.379	63.106	5.7313
Stddev	.00099	.00055	.0142	.00137	.00378	.051	.296	.0118
%RSD	.66096	.19329	.34782	.41433	.40924	.29393	.46946	.20587
#1	.14843	.28606	4.0848	.32821	.92329	17.360	63.001	5.7376
#2	.14985	.28501	4.0781	.33093	.92191	17.437	63.440	5.7387
#3	.15034	.28583	4.1054	.32978	.92904	17.340	62.876	5.7177

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7909	17.554	2.1628	1.4787	1.9471	2.9210	3.5135	1.2327
Stddev	.0140	.076	.0031	.0053	.0031	.0127	.0142	.0031
%RSD	.29205	.43555	.14322	.35623	.15763	.43535	.40514	.25274
#1	4.7853	17.551	2.1611	1.4791	1.9453	2.9228	3.5140	1.2351
#2	4.7805	17.632	2.1664	1.4733	1.9507	2.9328	3.5275	1.2339
#3	4.8068	17.480	2.1610	1.4838	1.9455	2.9075	3.4991	1.2292

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3891	.46866	2.0297	.15556	47.993	6.5785	.25347	4.9692
Stddev	.0022	.00035	.0035	.00117	.156	.0298	.00115	.0098
%RSD	.16031	.07395	.17097	.75528	.32505	.45353	.45518	.19795
#1	1.3880	.46866	2.0321	.15571	47.912	6.5536	.25354	4.9801
#2	1.3877	.46832	2.0314	.15664	48.173	6.6116	.25229	4.9666
#3	1.3917	.46901	2.0258	.15431	47.895	6.5703	.25459	4.9609

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4151	.12726	8.5152	.45383	2.2779	10.552	62.146
Stddev	.0118	.00045	.0252	.00128	.0056	.059	.211
%RSD	.34398	.35169	.29543	.28152	.24620	.55789	.34002
#1	3.4036	.12674	8.5189	.45382	2.2777	10.535	61.991
#2	3.4148	.12752	8.5383	.45256	2.2836	10.617	62.387
#3	3.4270	.12751	8.4884	.45512	2.2724	10.503	62.061

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S4 Acquired: 11/14/2024 16:08:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	754.85	21167.	2069.5	640.43	1384.0
Stddev	2.08	30.	5.3	.90	4.1
%RSD	.27501	.13952	.25530	.14044	.29390
#1	755.71	21134.	2066.4	640.36	1383.8
#2	756.35	21189.	2066.5	639.58	1388.2
#3	752.48	21179.	2075.6	641.37	1380.0

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S5 Acquired: 11/14/2024 16:12:36 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32086	.57069	8.4495	.74164	2.1302	36.397	127.85	11.578
Stddev	.00111	.00082	.0132	.00371	.0110	.027	.93	.047
%RSD	.34562	.14355	.15602	.49968	.51733	.07403	.72561	.40400
#1	.31966	.56994	8.4363	.74158	2.1362	36.426	128.92	11.622
#2	.32106	.57057	8.4494	.74538	2.1369	36.373	127.27	11.584
#3	.32185	.57156	8.4627	.73797	2.1174	36.392	127.37	11.529

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.7206	35.969	4.3427	3.0370	4.0138	5.8547	7.0494	2.5693
Stddev	.0124	.042	.0059	.0038	.0057	.0044	.0044	.0030
%RSD	.12781	.11748	.13590	.12532	.14309	.07566	.06261	.11633
#1	9.7063	36.017	4.3374	3.0326	4.0153	5.8524	7.0511	2.5661
#2	9.7274	35.952	4.3491	3.0388	4.0074	5.8598	7.0443	2.5698
#3	9.7282	35.938	4.3417	3.0395	4.0186	5.8519	7.0526	2.5720

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8338	.95713	4.2365	.31582	107.51	13.815	.53517	9.8235
Stddev	.0040	.00250	.0046	.00267	.78	.028	.00122	.0712
%RSD	.14283	.26099	.10968	.84520	.72708	.20045	.22879	.72441
#1	2.8298	.95611	4.2418	.31544	108.26	13.845	.53429	9.8951
#2	2.8337	.95998	4.2344	.31336	106.70	13.790	.53465	9.8224
#3	2.8379	.95531	4.2332	.31866	107.57	13.810	.53657	9.7528

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.6483	.27111	17.041	.93217	4.6566	22.460	125.68
Stddev	.0287	.00091	.093	.00178	.0054	.043	.64
%RSD	.37490	.33665	.54795	.19138	.11623	.19092	.50581
#1	7.6479	.27006	17.139	.93060	4.6511	22.446	126.17
#2	7.6772	.27155	17.030	.93411	4.6567	22.425	125.92
#3	7.6198	.27171	16.954	.93180	4.6619	22.508	124.96

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S5 Acquired: 11/14/2024 16:12:36 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	646.77	20343.	2042.3	517.76	1272.2
Stddev	2.54	52.	7.4	2.92	3.4
%RSD	.39339	.25540	.36199	.56406	.26410
#1	647.47	20393.	2035.3	514.76	1276.0
#2	643.94	20289.	2041.6	520.59	1270.8
#3	648.88	20347.	2050.1	517.95	1269.8

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: S6 Acquired: 11/14/2024 16:17:11 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	93.853	55.042	14.803	4.0007	10.998
Stddev	.189	.079	.017	.0073	.026
%RSD	.20089	.14316	.11534	.18234	.23540
#1	93.729	55.000	14.789	3.9926	10.981
#2	94.070	55.133	14.822	4.0068	11.028
#3	93.760	54.993	14.798	4.0026	10.985

Int. Std.	Y_3710
Units	Cts/S
Avg	1967.1
Stddev	8.4
%RSD	.42786
#1	1976.8
#2	1961.9
#3	1962.6

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: ICV012 Acquired: 11/14/2024 16:21:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.050012	1.066163	.9824852	.9905461	.9229929	2.468727
Stddev	.006937	.003539	.0064354	.0072448	.0065301	.039387
%RSD	.6606427	.3319103	.6550131	.7313926	.7074964	1.595430
#1	1.043610	1.062242	.9862822	.9985546	.9159370	2.424193
#2	1.049046	1.069119	.9750549	.9844478	.9242178	2.498984
#3	1.057382	1.067128	.9861187	.9886359	.9288238	2.483005

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5104314	.5325179	.5071043	10.14219	.5633722	.4985328
Stddev	.0095274	.0071933	.0016541	.19156	.0011259	.0024290
%RSD	1.866539	1.350803	.3261917	1.888749	.1998456	.4872382
#1	.4994322	.5242121	.5055376	9.92234	.5646598	.4964661
#2	.5161140	.5367266	.5069415	10.23094	.5625729	.4979240
#3	.5157482	.5366150	.5088339	10.27327	.5628840	.5012084

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4836664	10.90764	.5313905	5.896636	.5112183	.2425228
Stddev	.0045902	.20982	.0093203	.190291	.0005971	.0011736
%RSD	.9490453	1.923633	1.753936	3.227104	.1168001	.4839234
#1	.4818215	10.67046	.5206361	5.772583	.5108105	.2426891
#2	.4888920	11.06908	.5371200	6.115725	.5109407	.2412749
#3	.4802856	10.98337	.5364154	5.801600	.5119036	.2436044

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.06461	.5291719	.9701767	10.56078	F .0037740	F .0169441
Stddev	.17396	.0164168	.0009550	.18704	.0025926	.0007097
%RSD	1.728421	3.102357	.0984322	1.771114	68.69706	4.188673
#1	10.10784	.5108120	.9711050	10.39405	.0032020	.0167230
#2	9.87311	.5424381	.9702281	10.76304	.0015151	.0163713
#3	10.21287	.5342656	.9691971	10.52525	.0066048	.0177381

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: ICV012 Acquired: 11/14/2024 16:21:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000375	F .0062990	F .0016348	F .0048203	F -.002415	F .0072660
Stddev	.000253	.0022870	.0002311	.0018656	.001741	.0030036
%RSD	67.33740	36.30756	14.13614	38.70292	72.10780	41.33784
#1	-.000416	.0084070	.0016480	.0043730	-.003136	.0051249
#2	-.000105	.0066225	.0018590	.0032190	-.003680	.0059736
#3	-.000605	.0038675	.0013973	.0068689	-.000429	.0106995

Elem	Sr4077
Units	ppm
Avg	F .0011437
Stddev	.0000344
%RSD	3.003383
#1	.0011487
#2	.0011072
#3	.0011753

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	890.7635	22495.26	2125.003	782.3336	1688.162
Stddev	1.6633	31.78	30.260	2.3433	3.099
%RSD	.1867223	.1412773	1.423993	.2995316	.1835952
#1	890.4246	22516.68	2159.658	784.9122	1686.860
#2	892.5700	22510.36	2103.808	780.3340	1691.700
#3	889.2957	22458.74	2111.544	781.7547	1685.925

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: ICB012 Acquired: 11/14/2024 16:38:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000944	-.000668	-.000934	.0049888	-.002366	.0049149	-.000281
Stddev	.004448	.003277	.001443	.0047381	.000491	.0125107	.000298
%RSD	471.2174	490.2390	154.5441	94.97452	20.76392	254.5445	105.7162
#1	.000718	.002547	.000635	.0002118	-.002114	-.006739	-.000508
#2	.002434	-.004004	-.001232	.0050677	-.002052	.018135	-.000392
#3	-.005984	-.000548	-.002203	.0096870	-.002932	.003349	.000056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000065	.0000016	.0154141	-.001090	-.000148	-.004041	.0071024
Stddev	.0000193	.0001079	.0165145	.000963	.000444	.001280	.0119746
%RSD	296.0464	6830.239	107.1392	88.31738	299.4699	31.67107	168.5991
#1	-.000002	-.000114	.0344658	.000021	.000069	-.003679	.0184598
#2	.000029	.000099	.0065988	-.001607	.000145	-.002980	-.005406
#3	-.000007	.000020	.0051777	-.001683	-.000659	-.005462	.008254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003328	-.072892	.0007314	.0020221	-.071827	-.008491	.0007442
Stddev	.003122	.063877	.0004103	.0010561	.431008	.008943	.0000684
%RSD	93.80792	87.63186	56.09285	52.23051	600.0595	105.3144	9.188078
#1	-.006919	-.001400	.0003008	.0013376	-.048500	-.018082	.0007764
#2	-.001265	-.092927	.0007756	.0014902	.347043	-.000381	.0006656
#3	-.001799	-.124350	.0011178	.0032384	-.514025	-.007012	.0007905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1544213	-.001395	-.001469	-.000153	.0037594	-.000916	.0066906
Stddev	.1004667	.003200	.001408	.000564	.0081204	.000527	.0005945
%RSD	65.06010	229.3575	95.82857	368.4973	216.0040	57.47771	8.886198
#1	.0415083	-.002712	-.001072	-.000529	.0044134	-.000321	.0069289
#2	.2339329	-.003728	-.003034	.000496	-.004668	-.001320	.0071290
#3	.1878228	.002253	-.000303	-.000426	.011533	-.001108	.0060139

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: ICB012 Acquired: 11/14/2024 16:38:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000424	.0080862	-.000162
Stddev	.001054	.0028639	.000043
%RSD	248.9041	35.41726	26.60731
#1	.000388	.0049811	-.000120
#2	-.000043	.0106241	-.000206
#3	-.001615	.0086534	-.000161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.4005	22196.08	2082.783	780.0698	1715.825
Stddev	.7219	254.17	14.965	10.0539	.717
%RSD	.0811686	1.145100	.7185268	1.288845	.0417677
#1	890.1718	22380.83	2069.918	790.1047	1716.583
#2	888.7410	22301.20	2079.225	780.1079	1715.159
#3	889.2886	21906.22	2099.207	769.9970	1715.732

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: ICSA012 Acquired: 11/14/2024 16:43:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000370	-.018730	.0014361	.0018905	-.001854	228.9834
Stddev	.032840	.003665	.0022526	.0054481	.004940	3.0384
%RSD	8867.927	19.56728	156.8619	288.1815	266.4983	1.326926
#1	.008944	-.022949	.0033633	-.002810	-.000567	231.2270
#2	-.036862	-.016327	.0019853	.000620	.002316	230.1976
#3	.026807	-.016915	-.001040	.007862	-.007310	225.5256

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059035	-.000110	-.000410	240.0966	.0479896	.0007732
Stddev	.0005862	.000100	.000140	2.8756	.0008700	.0002519
%RSD	9.929832	91.27021	33.98308	1.197694	1.812933	32.57984
#1	.0062970	-.000061	-.000398	242.1479	.0487493	.0006946
#2	.0052298	-.000225	-.000556	241.3322	.0481790	.0005699
#3	.0061838	-.000043	-.000278	236.8097	.0470405	.0010550

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012764	100.0820	.0109193	234.2568	.0046000	.0043087
Stddev	.009317	1.3324	.0017230	2.7464	.0011834	.0009829
%RSD	72.99078	1.331303	15.77899	1.172406	25.72587	22.81207
#1	-.002825	101.0851	.0103189	235.6785	.0050501	.0045334
#2	-.014170	100.5908	.0128622	236.0010	.0032576	.0051598
#3	-.021299	98.5702	.0095769	231.0910	.0054922	.0032329

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3182715	-.011211	.0118091	-.080888	-.000479	F .0940499
Stddev	.0773734	.002426	.0000704	.039056	.006842	.0010687
%RSD	24.31051	21.64370	.5962165	48.28439	1428.424	1.136359
#1	.3522697	-.012723	.0118891	-.114844	-.005058	.0944615
#2	.2297201	-.012497	.0117565	-.038207	.007387	.0948518
#3	.3728248	-.008412	.0117818	-.089612	-.003766	.0928366

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: ICSA012 Acquired: 11/14/2024 16:43:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001538	.0008407	.0004548	-.004992	-.001744	.0057458
Stddev	.000834	.0005207	.0007451	.000851	.002808	.0009233
%RSD	54.22330	61.93580	163.8103	17.04232	161.0659	16.06856
#1	-.002139	.0002813	-.000069	-.005800	-.000098	.0057858
#2	-.001890	.0009295	.001308	-.005071	-.004986	.0066483
#3	-.000586	.0013113	.000125	-.004104	-.000146	.0048031

Elem	Sr4077
Units	ppm
Avg	.0984252
Stddev	.0012895
%RSD	1.310130
#1	.0995819
#2	.0986588
#3	.0970348

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	837.4702	21263.54	2057.888	740.6534	1446.310
Stddev	1.1847	89.87	26.652	3.3699	2.922
%RSD	.1414666	.4226454	1.295104	.4549934	.2020447
#1	838.7096	21215.86	2038.391	739.9101	1447.812
#2	837.3522	21207.57	2047.014	744.3329	1448.176
#3	836.3490	21367.20	2088.257	737.7172	1442.943

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: ICSAB012 Acquired: 11/14/2024 16:47:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0915587	.0902954	.0551247	.0457132	.5572157	233.1906
Stddev	.0019180	.0093522	.0069116	.0054051	.0047295	.0762
%RSD	2.094857	10.35736	12.53805	11.82390	.8487823	.0326862
#1	.0919986	.1006320	.0516457	.0430748	.5626668	233.2648
#2	.0932185	.0824196	.0630845	.0519307	.5542022	233.1125
#3	.0894589	.0878347	.0506439	.0421340	.5547781	233.1945

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5432264	.5510840	1.066302	245.2335	.6130630	.5281452
Stddev	.0003843	.0031213	.003239	.3290	.0018600	.0022164
%RSD	.0707465	.5663880	.3037745	.1341696	.3033965	.4196513
#1	.5434029	.5544285	1.062805	245.5265	.6110797	.5256105
#2	.5434907	.5505749	1.066904	244.8775	.6147685	.5297184
#3	.5427855	.5482485	1.069198	245.2965	.6133408	.5291068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4837153	102.1004	.5572900	238.2036	1.062324	.1978350
Stddev	.0128152	.4014	.0027044	.3753	.003180	.0012316
%RSD	2.649321	.3931604	.4852701	.1575393	.2993085	.6225553
#1	.4985085	102.2951	.5583002	238.1651	1.058749	.1969765
#2	.4766350	101.6388	.5542259	237.8491	1.063385	.1992461
#3	.4760025	102.3673	.5593438	238.5966	1.064837	.1972823

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5395096	.5421824	.9601511	-.194419	.0082536	F .0946063
Stddev	.0670895	.0156703	.0051759	.103981	.0020497	.0016924
%RSD	12.43527	2.890225	.5390666	53.48307	24.83342	1.788849
#1	.5455575	.5320171	.9614464	-.196388	.0081501	.0958162
#2	.4696010	.5343014	.9645563	-.297402	.0103531	.0926724
#3	.6033704	.5602288	.9544506	-.089467	.0062577	.0953303

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: ICSAB012 Acquired: 11/14/2024 16:47:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000891	.0069066	.0005042	-.005577	-.001974	.0027823
Stddev	.000102	.0119855	.0006414	.001984	.001322	.0014690
%RSD	11.41703	173.5378	127.2149	35.56978	66.95067	52.79967
#1	-.000806	-.006276	-.000236	-.003343	-.003351	.0015905
#2	-.000863	.009848	.000847	-.006255	-.001857	.0044235
#3	-.001004	.017147	.000902	-.007132	-.000715	.0023327

Elem	Sr4077
Units	ppm
Avg	F .1001187
Stddev	.0002449
%RSD	.2446106
#1	.1004010
#2	.0999632
#3	.0999919

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	834.5873	21274.85	2067.963	735.4301	1446.233
Stddev	1.1497	19.14	8.110	1.4879	3.982
%RSD	.1377612	.0899563	.3921511	.2023190	.2753670
#1	833.8818	21296.73	2059.582	734.7330	1449.869
#2	835.9140	21261.23	2068.536	734.4187	1446.852
#3	833.9662	21266.58	2075.771	737.1386	1441.977

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCV087 Acquired: 11/14/2024 16:52:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.932341	4.798187	24.51808	4.753125	4.774013	399.7859	10.11171
Stddev	.017146	.028028	.01931	.004168	.003871	13.9524	.34571
%RSD	.3476301	.5841343	.0787441	.0876976	.0810777	3.489973	3.418879
#1	4.935906	4.774190	24.53794	4.756894	4.772109	384.5619	9.73884
#2	4.913693	4.828992	24.51692	4.748648	4.771463	411.9632	10.42160
#3	4.947425	4.791380	24.49938	4.753834	4.778467	402.8327	10.17469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4985622	2.472110	406.5333	15.30343	2.486163	14.89023	411.4333
Stddev	.0161969	.002938	14.0540	.03147	.002485	.50799	14.3049
%RSD	3.248730	.1188472	3.457043	.2056342	.0999707	3.411558	3.476854
#1	.4807412	2.473830	391.3979	15.33096	2.483361	14.34027	395.9701
#2	.5123869	2.473783	419.1712	15.26912	2.487027	15.34187	424.1946
#3	.5025584	2.468718	409.0306	15.31021	2.488102	14.98854	414.1351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.89413	404.3124	2.475508	1.253677	406.3445	2.511554	14.50155
Stddev	.52811	14.1099	.003681	.007266	13.3956	.091953	.04009
%RSD	3.545757	3.489860	.1486887	.5795796	3.296620	3.661190	.2764604
#1	14.32942	388.9197	2.471259	1.259768	391.5557	2.421697	14.49066
#2	15.37580	416.6335	2.477580	1.245635	417.6647	2.605468	14.46803
#3	14.97717	407.3841	2.477687	1.255630	409.8129	2.507499	14.54596

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.0185	5.015941	5.209257	4.734228	5.024623	4.979262	4.966709
Stddev	5.2014	.009763	.180135	.004386	.000497	.158899	.001630
%RSD	3.421587	.1946357	3.457977	.0926411	.0098871	3.191215	.0328188
#1	146.3285	5.004923	5.008088	4.729983	5.024074	4.804531	4.968145
#2	156.5287	5.019383	5.355632	4.738742	5.025041	5.115112	4.967045
#3	153.1984	5.023516	5.264050	4.733959	5.024756	5.018142	4.964937

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCV087 Acquired: 11/14/2024 16:52:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.943138	5.056783	5.005746
Stddev	.177082	.179183	.175437
%RSD	3.582378	3.543425	3.504707
#1	4.746535	4.865098	4.812738
#2	5.090108	5.220074	5.155532
#3	4.992770	5.085177	5.048967

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	719.9646	20317.35	2022.539	609.0716	1297.735
Stddev	.4644	77.09	62.118	2.5854	.849
%RSD	.0645031	.3794138	3.071304	.4244741	.0654300
#1	719.5814	20257.95	2091.700	608.6458	1297.090
#2	719.8313	20404.46	1971.488	611.8434	1297.417
#3	720.4810	20289.62	2004.428	606.7256	1298.697

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCB087 Acquired: 11/14/2024 16:56:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063233	.0000373	.0000595	.0036080	.0003955	.0317709	-.000299
Stddev	.0021811	.0026287	.0023597	.0053111	.0006801	.0085013	.000158
%RSD	34.49361	7041.620	3965.715	147.2045	171.9691	26.75801	52.99570
#1	.0049117	.0028937	.0027783	.0024864	.0003337	.0330933	-.000246
#2	.0052226	-.000501	-.001144	.0093903	.0011044	.0395335	-.000174
#3	.0088354	-.002280	-.001456	-.001053	-.000252	.0226859	-.000477

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000382	.0003553	.0392718	-.000165	.0004510	-.001450	.0373417
Stddev	.0000810	.0000246	.0045464	.000829	.0004561	.004693	.0110268
%RSD	212.0533	6.914927	11.57684	501.2503	101.1208	323.7692	29.52953
#1	.0000352	.0003835	.0389868	-.001123	.0008480	.002158	.0485326
#2	-.000041	.0003390	.0348746	.000299	.0005523	-.006755	.0264866
#3	.000121	.0003433	.0439540	.000328	-.000047	.000249	.0370060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000831	.1119864	.0001751	.0009962	.3165402	-.007784	.0014185
Stddev	.000795	.0636560	.0005561	.0003101	.3675142	.005347	.0002940
%RSD	95.63774	56.84259	317.5541	31.12783	116.1035	68.69063	20.72542
#1	.000064	.0519604	.0001889	.0013494	.3403283	-.011619	.0010878
#2	-.001105	.1052605	.0007242	.0007683	-.062290	-.001676	.0016503
#3	-.001453	.1787382	-.000388	.0008710	.671582	-.010056	.0015173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1846217	-.000043	.0057015	-.000090	-.000376	.0001742	.0066093
Stddev	.0906993	.000890	.0004286	.000250	.002893	.0003810	.0015404
%RSD	49.12712	2090.011	7.517754	278.9091	770.3602	218.7009	23.30636
#1	.2879817	.000423	.0055277	-.000231	-.003550	.0005851	.0068807
#2	.1183166	.000518	.0053871	.000199	.002112	-.000167	.0079959
#3	.1475667	-.001069	.0061898	-.000237	.000312	.000105	.0049512

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCB087 Acquired: 11/14/2024 16:56:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002626	.0055258	.0000823
Stddev	.0009451	.0014045	.0001933
%RSD	359.9531	25.41638	234.8331
#1	.0004344	.0039154	.0002545
#2	-.000757	.0064966	-.000127
#3	.001110	.0061653	.000119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	890.1905	22275.54	2085.012	779.5676	1708.275
Stddev	.3909	36.72	11.655	2.2562	3.594
%RSD	.0439136	.1648527	.5589675	.2894137	.2103767
#1	889.7428	22237.37	2095.571	777.3726	1710.322
#2	890.4641	22278.62	2086.957	781.8804	1704.125
#3	890.3646	22310.62	2072.507	779.4499	1710.378

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164636BL Acquired: 11/14/2024 17:00:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS636 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002687	.0010697	-.002923	.0048939	-.000399	.0090618	-.000772
Stddev	.0036828	.0022804	.002444	.0046622	.002774	.0115833	.000597
%RSD	1370.456	213.1783	83.61025	95.26568	695.5623	127.8259	77.34744
#1	.0003477	-.001331	-.000101	.0043165	.000741	-.004246	-.000083
#2	.0039114	.003207	-.004334	.0098178	.001624	.016878	-.001127
#3	-.003453	.001333	-.004334	.0005473	-.003561	.014553	-.001107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	.0002516	.0125566	-.000884	-.000057	.0052915	.0037684
Stddev	.000007	.0000665	.0110186	.001113	.000252	.0036753	.0190225
%RSD	119.7749	26.41759	87.75128	125.9238	442.4196	69.45679	504.7875
#1	.000002	.0003108	.0134096	.000283	.000233	.0045387	.0203800
#2	-.000011	.0002642	.0231239	-.001933	-.000177	.0092849	-.016983
#3	-.000008	.0001797	.0011363	-.001002	-.000227	.0020509	.007908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001511	.0064637	.0003854	.0018227	.0457570	-.001359	-.000332
Stddev	.001231	.0873789	.0002671	.0002678	.1257230	.014212	.000455
%RSD	81.46097	1351.830	69.30794	14.69516	274.7625	1046.041	137.1161
#1	-.000529	-.094178	.0004493	.0015423	.1583486	.008676	-.000367
#2	-.002893	.062995	.0006148	.0020760	.0688250	-.017622	.000140
#3	-.001112	.050574	.0000921	.0018497	-.089903	.004870	-.000769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1491714	-.000852	.0019041	-.000222	.0042363	-.000262	.0010469
Stddev	.0576795	.000730	.0021395	.000352	.0040328	.000251	.0014754
%RSD	38.66662	85.66626	112.3604	158.2350	95.19810	95.67280	140.9325
#1	.1599683	-.000653	.0043708	-.000624	.0070246	-.000551	.0019224
#2	.2006895	-.001660	.0007879	-.000076	-.000388	-.000137	-.000657
#3	.0868563	-.000242	.0005535	.000032	.006072	-.000098	.001875

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164636BL Acquired: 11/14/2024 17:00:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS636 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004009	.0033198	-.000007
Stddev	.0020549	.0013202	.000102
%RSD	512.6109	39.76774	1506.728
#1	-.001124	.0026251	.000067
#2	-.000411	.0024920	.000036
#3	.002738	.0048423	-.000123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	895.3965	22298.91	2046.310	783.8155	1723.182
Stddev	.1987	20.55	12.684	3.4126	.375
%RSD	.0221896	.0921441	.6198596	.4353790	.0217542
#1	895.6192	22281.59	2046.043	780.0949	1723.058
#2	895.3330	22293.53	2033.761	784.5516	1723.603
#3	895.2373	22321.61	2059.125	786.7999	1722.885

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164636BS Acquired: 11/14/2024 17:05:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS636 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148376	.0497562	.0205216	.0649294	.1039482	.3858148
Stddev	.0113222	.0028428	.0015398	.0050299	.0032625	.0073222
%RSD	76.30758	5.713384	7.503332	7.746782	3.138542	1.897846
#1	.0221356	.0524856	.0188853	.0687829	.1070301	.3813087
#2	.0017946	.0499709	.0219421	.0592392	.1005311	.3818723
#3	.0205825	.0468122	.0207374	.0667660	.1042834	.3942635

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4072157	.0108750	.0104220	10.65458	.0205444	.0967246
Stddev	.0025453	.0001018	.0001925	.06482	.0007642	.0005525
%RSD	.6250396	.9364720	1.847087	.6083797	3.719888	.5711726
#1	.4079598	.0107714	.0102487	10.60336	.0201437	.0973590
#2	.4043813	.0108786	.0103882	10.63292	.0200639	.0963493
#3	.4093059	.0109750	.0106292	10.72746	.0214257	.0964655

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403049	.2236300	.0317147	10.11237	.0823331	.0226283
Stddev	.0013645	.0404597	.0026827	.20565	.0008903	.0003126
%RSD	3.385525	18.09224	8.458939	2.033636	1.081362	1.381402
#1	.0400562	.1940559	.0290650	10.12661	.0816409	.0228025
#2	.0417767	.2697382	.0316496	9.89997	.0833375	.0222675
#3	.0390818	.2070960	.0344293	10.31053	.0820210	.0228151

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01543	.0982426	.1109192	9.631819	.0177822	F .0008263
Stddev	.26405	.0215705	.0002595	.072559	.0008179	.0005375
%RSD	2.636471	21.95630	.2339195	.7533214	4.599296	65.05343
#1	9.82720	.0931538	.1109375	9.560704	.0187243	.0004820
#2	10.31728	.1219025	.1111690	9.705740	.0172543	.0014457
#3	9.90182	.0796716	.1106511	9.629013	.0173681	.0005511

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164636BS Acquired: 11/14/2024 17:05:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS636 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0185960	.1684642	F .4511590	.0117240	.2034111	.0327377
Stddev	.0006370	.0045930	.0002358	.0001678	.0028563	.0003271
%RSD	3.425465	2.726391	.0522770	1.431651	1.404208	.9992322
#1	.0181678	.1645252	.4511528	.0115978	.2006620	.0325069
#2	.0193280	.1673582	.4513978	.0119145	.2032076	.0325941
#3	.0182921	.1735092	.4509263	.0116597	.2063637	.0331120

Elem	Sr4077
Units	ppm
Avg	.2064805
Stddev	.0010605
%RSD	.5135818
#1	.2054574
#2	.2064095
#3	.2075747

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	887.9653	22314.04	2072.051	781.1114	1683.577
Stddev	2.7435	16.68	5.962	1.4032	6.587
%RSD	.3089684	.0747537	.2877455	.1796359	.3912230
#1	889.3162	22327.43	2070.164	780.3575	1686.752
#2	889.7714	22319.33	2078.729	782.7304	1687.975
#3	884.8082	22295.35	2067.261	780.2464	1676.005

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164636BSD Acquired: 11/14/2024 17:09:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD636 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098749	.0252810	.0081191	.0388421	.0534420	.2008327	.2125205
Stddev	.0058268	.0019662	.0006519	.0031813	.0017423	.0076462	.0002652
%RSD	59.00606	7.777447	8.029606	8.190417	3.260266	3.807246	.1247955
#1	.0160787	.0270090	.0081322	.0354224	.0514317	.2047139	.2122474
#2	.0090285	.0231416	.0074608	.0393900	.0545163	.1920244	.2125373
#3	.0045176	.0256923	.0087644	.0417138	.0543779	.2057600	.2127770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056520	.0055733	5.585716	.0099835	.0501147	.0244006	.1137195
Stddev	.0001685	.0000781	.035750	.0005600	.0004454	.0040900	.0027752
%RSD	2.980441	1.401120	.6400206	5.609532	.8888119	16.76188	2.440411
#1	.0056504	.0055450	5.580276	.0102925	.0503589	.0283096	.1124157
#2	.0058213	.0056616	5.623874	.0093370	.0503846	.0201509	.1169065
#3	.0054844	.0055132	5.552998	.0103209	.0496006	.0247411	.1118362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160058	5.226285	.0430114	.0116517	5.376157	.0501547	.0576613
Stddev	.0016626	.096370	.0002408	.0002025	.195546	.0130298	.0010658
%RSD	10.38767	1.843952	.5599139	1.737886	3.637291	25.97923	1.848448
#1	.0157456	5.139878	.0427867	.0118531	5.171373	.0592410	.0587697
#2	.0177832	5.330214	.0432656	.0114482	5.560927	.0352262	.0566438
#3	.0144886	5.208764	.0429819	.0116537	5.396171	.0559970	.0575703

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.059935	.0055736	-.000519	.0095901	.0922889	.2344081	.0050262
Stddev	.062758	.0030572	.000667	.0001620	.0036237	.0029432	.0008881
%RSD	1.240291	54.85109	128.6248	1.689681	3.926432	1.255579	17.67064
#1	5.005826	.0034425	-.000533	.0097350	.0964640	.2366320	.0059887
#2	5.128735	.0090764	-.001179	.0094151	.0904397	.2355217	.0042384
#3	5.045243	.0042019	.000155	.0096202	.0899629	.2310706	.0048514

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164636BSD Acquired: 11/14/2024 17:09:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD636 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1076949	.0197319	.1076225
Stddev	.0001072	.0038384	.0003054
%RSD	.0994965	19.45286	.2837269
#1	.1075728	.0199727	.1076109
#2	.1077383	.0157788	.1079335
#3	.1077735	.0234443	.1073231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	893.4593	22403.29	2096.076	788.7633	1707.008
Stddev	1.1160	46.57	12.851	2.9521	6.424
%RSD	.1249118	.2078563	.6130946	.3742719	.3763564
#1	892.5391	22427.89	2092.746	785.5395	1702.002
#2	893.1381	22349.59	2085.218	791.3345	1704.771
#3	894.7007	22432.40	2110.264	789.4160	1714.252

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164656BL Acquired: 11/14/2024 17:14:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS656 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004275	-.001257	-.002439	.0029003	-.000524	.0189377	-.001141
Stddev	.004373	.004769	.002579	.0046807	.001686	.0100927	.000256
%RSD	102.2920	379.2787	105.7544	161.3878	321.7226	53.29425	22.45466
#1	-.002218	.003123	.000483	.0080552	-.002457	.0120952	-.000856
#2	-.009298	-.006338	-.004400	.0017300	.000242	.0305288	-.001353
#3	-.001310	-.000558	-.003399	-.001084	.000643	.0141889	-.001214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	.0000327	.0054270	-.001629	.0006694	-.007997	.0017239
Stddev	.000067	.0000106	.0078544	.000696	.0004463	.000303	.0096553
%RSD	273.1397	32.46362	144.7288	42.70751	66.67394	3.783172	560.0970
#1	.000050	.0000448	.0003462	-.002137	.0011249	-.007659	-.008516
#2	-.000043	.0000250	.0014611	-.000836	.0006505	-.008090	.003025
#3	-.000080	.0000284	.0144736	-.001914	.0002328	-.008242	.010663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002517	.0111955	.0002667	.0007428	.1431970	-.003333	-.000622
Stddev	.001130	.0498327	.0006629	.0003062	.3411267	.014997	.000241
%RSD	44.88867	445.1152	248.5512	41.22834	238.2219	449.9615	38.73680
#1	-.003659	-.035874	.0009766	.0008620	.4884428	-.001869	-.000899
#2	-.002493	.063395	-.000336	.0003949	-.193656	.010878	-.000461
#3	-.001400	.006065	.000160	.0009715	.134804	-.019009	-.000506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166834	-.002645	-.002896	-.000186	.0000927	-.000226	-.001094
Stddev	.0761660	.001362	.001393	.000331	.0024563	.000735	.000571
%RSD	456.5378	51.50147	48.10699	177.3725	2649.961	324.7742	52.17451
#1	-.041192	-.003150	-.004173	-.000158	-.002636	-.000568	-.000521
#2	-.011730	-.001102	-.001410	.000129	.000786	-.000727	-.001099
#3	.102972	-.003683	-.003106	-.000530	.002128	.000617	-.001662

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164656BL Acquired: 11/14/2024 17:14:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS656 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016246	.0043019	-.000163
Stddev	.0016125	.0010919	.000054
%RSD	99.25817	25.38283	32.95061
#1	.0004096	.0041473	-.000225
#2	.0010102	.0032955	-.000142
#3	.0034539	.0054629	-.000124

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	892.0719	22360.17	2090.377	787.9034	1712.104
Stddev	2.5043	181.89	2.233	8.3675	3.036
%RSD	.2807327	.8134641	.1068326	1.062001	.1773223
#1	889.2643	22243.73	2089.971	780.3696	1708.806
#2	892.8757	22569.77	2088.375	796.9093	1712.727
#3	894.0756	22267.01	2092.786	786.4313	1714.781

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164656BS Acquired: 11/14/2024 17:19:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS656 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214637	.0499521	.0204661	.0635160	.1066584	.3840867
Stddev	.0041966	.0024779	.0017375	.0058109	.0019591	.0123432
%RSD	19.55181	4.960450	8.489870	9.148651	1.836773	3.213649
#1	.0263072	.0471218	.0221533	.0576461	.1054957	.3779673
#2	.0191707	.0510043	.0205627	.0692659	.1055593	.3982940
#3	.0189133	.0517302	.0186822	.0636360	.1089203	.3759988

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4185006	.0109721	.0107472	10.88011	.0204115	.0989880
Stddev	.0010789	.0000492	.0002781	.05724	.0006390	.0007458
%RSD	.2577990	.4485075	2.587429	.5261300	3.130662	.7534399
#1	.4189065	.0109389	.0106417	10.85800	.0201094	.0985455
#2	.4193177	.0110286	.0105373	10.94511	.0199795	.0998491
#3	.4172777	.0109487	.0110626	10.83722	.0211455	.0985695

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459283	.2160343	.0328474	10.37197	.0838260	.0223867
Stddev	.0046278	.0186759	.0030318	.08533	.0007885	.0007862
%RSD	10.07618	8.644872	9.229800	.8226573	.9406507	3.511959
#1	.0407466	.2222445	.0362953	10.36147	.0847364	.0217777
#2	.0496501	.2308139	.0305985	10.46206	.0833593	.0221080
#3	.0473884	.1950445	.0316485	10.29238	.0833822	.0232743

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.41967	.1030567	.1118006	9.757937	.0142112	F -.001101
Stddev	.06339	.0013227	.0001880	.094144	.0010390	.000404
%RSD	.6083625	1.283480	.1681632	.9647938	7.311005	36.69561
#1	10.43191	.1015404	.1115843	9.785826	.0147679	-.001538
#2	10.35105	.1039734	.1119247	9.653000	.0148532	-.001025
#3	10.47604	.1036564	.1118929	9.834986	.0130125	-.000741

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164656BS Acquired: 11/14/2024 17:19:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS656 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0191503	.1838654	F .4548308	.0120365	.2064731	.0296183
Stddev	.0000873	.0096702	.0007661	.0030982	.0009301	.0019843
%RSD	.4559424	5.259382	.1684268	25.73973	.4504870	6.699588
#1	.0191831	.1898099	.4556368	.0151204	.2073880	.0318658
#2	.0192165	.1890792	.4547435	.0120650	.2065027	.0281086
#3	.0190514	.1727072	.4541122	.0089243	.2055285	.0288804

Elem	Sr4077
Units	ppm
Avg	.2112691
Stddev	.0007480
%RSD	.3540606
#1	.2120659
#2	.2111591
#3	.2105821

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.8647	22341.30	2105.512	788.3093	1675.001
Stddev	1.5310	31.35	4.693	2.1126	2.688
%RSD	.1720435	.1403164	.2228933	.2679929	.1605024
#1	891.5916	22369.49	2100.325	789.1452	1676.405
#2	889.3286	22346.87	2106.746	789.8761	1676.696
#3	888.6739	22307.54	2109.464	785.9066	1671.901

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164656BSD Acquired: 11/14/2024 17:23:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD656 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096923	.0223449	.0086541	.0339188	.0534082	.2027701	.2082418
Stddev	.0098894	.0052700	.0002573	.0032860	.0025134	.0030666	.0002845
%RSD	102.0338	23.58476	2.972791	9.687673	4.706065	1.512346	.1366289
#1	.0207820	.0185864	.0083824	.0374675	.0560054	.2051634	.2081258
#2	.0017887	.0283688	.0088940	.0333076	.0532315	.1993134	.2080337
#3	.0065061	.0200796	.0086858	.0309814	.0509879	.2038336	.2085660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055595	.0054253	5.459896	.0101895	.0487830	.0188729	.1238927
Stddev	.0000739	.0002852	.027732	.0007450	.0002338	.0027350	.0288938
%RSD	1.329365	5.257165	.5079147	7.311597	.4792076	14.49195	23.32161
#1	.0055243	.0057423	5.450799	.0095419	.0488655	.0159248	.1263584
#2	.0055098	.0053443	5.491034	.0100228	.0489644	.0193660	.0938450
#3	.0056445	.0051894	5.437856	.0110037	.0485192	.0213278	.1514745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157437	5.215070	.0414918	.0122530	5.361949	.0612184	.0553678
Stddev	.0018847	.094433	.0008760	.0003513	.197488	.0045772	.0001340
%RSD	11.97146	1.810774	2.111312	2.867133	3.683137	7.476789	.2419711
#1	.0138695	5.261910	.0409293	.0123402	5.156262	.0646311	.0554210
#2	.0176388	5.276928	.0410450	.0118663	5.550063	.0630071	.0552154
#3	.0157227	5.106374	.0425011	.0125525	5.379523	.0560170	.0554670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.907413	.0048706	-.001586	.0093951	.0875249	.2301748	.0068729
Stddev	.065206	.0039077	.001368	.0003070	.0007174	.0016665	.0023232
%RSD	1.328729	80.22992	86.23504	3.267432	.8196167	.7240238	33.80186
#1	4.837655	.0046953	-.001704	.0094837	.0882667	.2291665	.0094934
#2	4.917751	.0088630	-.000163	.0096479	.0868347	.2292596	.0060592
#3	4.966832	.0010535	-.002892	.0090535	.0874732	.2320984	.0050660

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164656BSD Acquired: 11/14/2024 17:23:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD656 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1018320	.0156580	.1049632
Stddev	.0022648	.0020849	.0000893
%RSD	2.224030	13.31528	.0850994
#1	.1034745	.0172950	.1050137
#2	.1027732	.0163682	.1050158
#3	.0992484	.0133108	.1048601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	891.7874	22357.77	2065.292	786.9953	1700.568
Stddev	.8289	17.99	7.271	1.5557	2.212
%RSD	.0929436	.0804753	.3520745	.1976796	.1300899
#1	892.0511	22368.23	2073.593	788.5365	1702.033
#2	892.4524	22337.00	2060.050	785.4254	1701.648
#3	890.8588	22368.10	2062.232	787.0241	1698.023

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164658BL Acquired: 11/14/2024 17:28:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS658 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023358	-.002804	-.002666	-.003526	-.001787	.0008782	-.000702
Stddev	.0023590	.003257	.003957	.007418	.001429	.0037981	.000178
%RSD	100.9911	116.1327	148.4224	210.4023	79.94430	432.4971	25.30541
#1	.0049824	-.000753	-.000635	-.004701	-.003369	-.002608	-.000497
#2	.0004545	-.001100	-.000137	.004410	-.000589	.004926	-.000797
#3	.0015705	-.006560	-.007226	-.010285	-.001404	.000316	-.000812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000042	.0000867	.0119673	-.001412	.0000294	-.001071	-.014200
Stddev	.0000351	.0000511	.0054438	.000300	.0006907	.002699	.032852
%RSD	837.4374	58.91078	45.48952	21.21177	2346.470	251.9354	231.3516
#1	-.000014	.0000335	.0092391	-.001757	-.000002	-.001717	.022743
#2	-.000018	.0001353	.0084269	-.001259	-.000645	-.003389	-.025209
#3	.000045	.0000913	.0182357	-.001220	.000735	.001892	-.040134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002157	.0295153	.0000316	.0011624	-.024427	-.007780	-.000407
Stddev	.001284	.0290482	.0003446	.0004572	.286228	.008575	.000088
%RSD	59.50767	98.41764	1090.036	39.33425	1171.760	110.2282	21.72907
#1	-.002983	.0600737	-.000061	.0015609	-.241007	-.005780	-.000311
#2	-.002811	.0262125	-.000258	.0006632	-.132346	-.017178	-.000485
#3	-.000678	.0022596	.000413	.0012632	.300072	-.000381	-.000427

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998329	-.004209	-.003398	-.000008	.0028160	-.000402	-.002745
Stddev	.0064897	.001027	.000898	.000198	.0047476	.000276	.001135
%RSD	6.500594	24.39820	26.42049	2380.546	168.5938	68.73621	41.32963
#1	.1070842	-.005391	-.003719	.000200	-.001539	-.000442	-.003193
#2	.0945701	-.003695	-.002384	-.000030	.002109	-.000108	-.003587
#3	.0978443	-.003540	-.004091	-.000195	.007877	-.000656	-.001455

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164658BL Acquired: 11/14/2024 17:28:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS658 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002239	.0035103	-.000128
Stddev	.0010945	.0008799	.000101
%RSD	488.8819	25.06730	78.94393
#1	.0014743	.0025097	-.000012
#2	-.000561	.0041636	-.000179
#3	-.000242	.0038575	-.000192

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	893.1009	22318.36	2060.025	782.6436	1722.604
Stddev	1.3057	12.69	15.903	2.5282	2.496
%RSD	.1462031	.0568627	.7719856	.3230311	.1448711
#1	892.7638	22317.06	2071.086	784.7707	1725.274
#2	894.5422	22331.65	2041.800	779.8485	1722.207
#3	891.9968	22306.37	2067.189	783.3117	1720.330

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164658BS Acquired: 11/14/2024 17:32:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS658 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164055	.0464354	.0183893	.0612627	.1028344	.3821989
Stddev	.0062983	.0013866	.0022986	.0037587	.0032541	.0127740
%RSD	38.39153	2.986150	12.49956	6.135382	3.164356	3.342240
#1	.0230108	.0475214	.0209794	.0654569	.1056533	.3795365
#2	.0104672	.0448735	.0165922	.0581989	.1035767	.3960943
#3	.0157386	.0469114	.0175964	.0601324	.0992734	.3709659

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4061693	.0107329	.0102222	10.57050	.0192964	.0954654
Stddev	.0026037	.0000732	.0002995	.10403	.0007292	.0026687
%RSD	.6410343	.6820991	2.930390	.9841241	3.778951	2.795465
#1	.4042065	.0106698	.0104415	10.45113	.0186289	.0977169
#2	.4051785	.0108131	.0103442	10.61862	.0200746	.0961618
#3	.4091229	.0107158	.0098809	10.64176	.0191857	.0925175

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0428933	.2125312	.0303658	10.00397	.0801021	.0211365
Stddev	.0026763	.0286934	.0012928	.06629	.0016359	.0000530
%RSD	6.239468	13.50080	4.257562	.6626320	2.042237	.2505811
#1	.0443414	.1998708	.0288860	9.93992	.0806637	.0211618
#2	.0445336	.1923454	.0312761	10.07229	.0813832	.0211721
#3	.0398050	.2453774	.0309354	9.99970	.0782594	.0210756

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.857014	.1050774	.1100364	9.370337	.0149845	F -.002324
Stddev	.269530	.0153796	.0005500	.061857	.0020417	.000815
%RSD	2.734400	14.63648	.4998654	.6601378	13.62545	35.04561
#1	9.899084	.0903521	.1098194	9.305105	.0152825	-.003164
#2	9.568923	.1210370	.1106619	9.377753	.0168609	-.001538
#3	10.10304	.1038431	.1096281	9.428151	.0128102	-.002270

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164658BS Acquired: 11/14/2024 17:32:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS658 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0178177	.1643036	F .4458893	.0102230	.1999027	.0294450
Stddev	.0001459	.0023231	.0033256	.0005937	.0039443	.0002539
%RSD	.8186924	1.413932	.7458402	5.807194	1.973098	.8623868
#1	.0179547	.1629296	.4420550	.0108057	.1988669	.0292188
#2	.0178339	.1629953	.4476240	.0096189	.1965797	.0293965
#3	.0176643	.1669859	.4479888	.0102445	.2042616	.0297196

Elem	Sr4077
Units	ppm
Avg	.2042819
Stddev	.0006715
%RSD	.3286979
#1	.2035198
#2	.2045390
#3	.2047868

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.0363	22805.06	2140.676	799.5790	1739.148
Stddev	14.5681	28.89	9.607	3.9527	34.356
%RSD	1.588612	.1266986	.4488007	.4943418	1.975477
#1	907.5880	22806.44	2150.321	803.6426	1719.254
#2	909.7073	22833.24	2140.600	795.7475	1719.371
#3	933.8136	22775.50	2131.107	799.3467	1778.820

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164658BSD Acquired: 11/14/2024 17:37:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD658 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087717	.0260853	.0092834	.0362071	.0545621	.1982138	.2120636
Stddev	.0021393	.0044751	.0003568	.0046090	.0043595	.0212144	.0009860
%RSD	24.38927	17.15571	3.843490	12.72965	7.989907	10.70281	.4649675
#1	.0105545	.0266673	.0088725	.0331221	.0500180	.2105665	.2132003
#2	.0093611	.0302410	.0095153	.0339940	.0549583	.2103572	.2115518
#3	.0063994	.0213477	.0094623	.0415053	.0587099	.1737178	.2114388

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055860	.0054148	5.549797	.0095055	.0504228	.0235206	.1043886
Stddev	.0000969	.0001146	.030866	.0002498	.0003813	.0008942	.0175896
%RSD	1.734335	2.117014	.5561703	2.627555	.7562571	3.801793	16.85017
#1	.0054958	.0053242	5.563427	.0094825	.0500418	.0224916	.1086167
#2	.0056884	.0053766	5.514462	.0092679	.0508045	.0241099	.0850702
#3	.0055738	.0055437	5.571502	.0097659	.0504219	.0239602	.1194788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143022	5.284454	.0429001	.0119963	5.279101	.0482626	.0567806
Stddev	.0008794	.172419	.0007690	.0001946	.156386	.0063974	.0003563
%RSD	6.148785	3.262757	1.792584	1.622175	2.962368	13.25548	.6275746
#1	.0132894	5.404855	.0436074	.0121859	5.233432	.0438576	.0566769
#2	.0148722	5.086937	.0420815	.0120061	5.453238	.0556007	.0571773
#3	.0147451	5.361571	.0430114	.0117970	5.150633	.0453295	.0564876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.954375	.0035792	-.002213	.0096057	.0836325	.2328521	.0069227
Stddev	.111491	.0025526	.000942	.0003298	.0062421	.0003819	.0000408
%RSD	2.250344	71.31683	42.58914	3.432975	7.463749	.1640139	.5901433
#1	4.989087	.0056406	-.001215	.0093172	.0837397	.2328057	.0069593
#2	5.044381	.0043730	-.002334	.0099652	.0773375	.2332551	.0069301
#3	4.829658	.0007240	-.003088	.0095349	.0898204	.2324955	.0068786

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164658BSD Acquired: 11/14/2024 17:37:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD658 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1053142	.0177105	.1066190
Stddev	.0022910	.0013088	.0001739
%RSD	2.175374	7.389862	.1631351
#1	.1054694	.0181674	.1067486
#2	.1075236	.0162345	.1064213
#3	.1029495	.0187296	.1066870

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	893.6504	22435.84	2094.186	789.5956	1699.591
Stddev	1.8338	36.18	5.368	3.3902	2.174
%RSD	.2051988	.1612600	.2563089	.4293642	.1278960
#1	891.5578	22399.91	2088.025	787.8621	1698.263
#2	894.9769	22435.34	2097.854	787.4226	1698.410
#3	894.4165	22472.27	2096.679	793.5021	1702.099

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164655BL Acquired: 11/14/2024 17:41:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS655 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003294	.0009867	-.001058	.0017083	-.001352	.0062797	-.000772
Stddev	.000941	.0016046	.001125	.0053272	.001329	.0094603	.000411
%RSD	28.56413	162.6263	106.3755	311.8465	98.34987	150.6478	53.28953
#1	-.002332	-.000724	-.001356	.0012799	-.002885	-.004416	-.001087
#2	-.004212	.001226	.000186	-.003392	-.000524	.013552	-.000307
#3	-.003339	.002458	-.002004	.007237	-.000645	.009703	-.000922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0001969	.0088282	-.001231	-.000224	-.001368	.0000969
Stddev	.000039	.0001106	.0174297	.001059	.000264	.006319	.0232775
%RSD	197.5351	56.18177	197.4326	86.04163	117.7147	461.8957	24025.31
#1	.000020	.0002887	.0286382	-.000098	-.000448	.002108	.0058347
#2	-.000057	.0002280	.0020002	-.002196	.000067	.002450	.0199689
#3	-.000021	.0000741	-.004154	-.001399	-.000291	-.008662	-.025513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002162	-.061059	-.000183	-.000045	.1598499	-.011608	-.000403
Stddev	.002078	.100559	.000427	.001130	.4433376	.010135	.000287
%RSD	96.09431	164.6901	233.5059	2508.510	277.3462	87.31407	71.11064
#1	-.000897	-.047038	.000067	.000833	-.012708	-.021362	-.000485
#2	-.004560	-.167893	-.000677	.000352	.663521	-.001131	-.000641
#3	-.001029	.031753	.000060	-.001321	-.171263	-.012330	-.000085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243421	-.003059	-.002316	.0000137	.0048911	-.000159	-.000774
Stddev	.1728683	.001131	.000986	.0002903	.0083885	.000525	.002191
%RSD	710.1622	36.97003	42.57946	2115.576	171.5061	329.1422	283.1391
#1	.1190861	-.002128	-.003124	.0003489	.0077430	-.000233	.001537
#2	-.175185	-.004318	-.001217	-.000148	-.004552	.000398	-.002821
#3	.129125	-.002733	-.002607	-.000160	.011482	-.000644	-.001037

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164655BL Acquired: 11/14/2024 17:41:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS655 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000903	.0023708	-.000132
Stddev	.003243	.0009196	.000175
%RSD	359.1722	38.78897	132.5150
#1	-.004375	.0021911	-.000313
#2	-.000380	.0033669	.000036
#3	.002047	.0015542	-.000119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.9951	22624.10	2096.161	794.2184	1717.313
Stddev	1.1567	328.12	4.246	11.0989	1.813
%RSD	.1292401	1.450302	.2025795	1.397460	.1055650
#1	893.7023	22466.16	2095.961	786.9641	1716.119
#2	895.3511	22404.83	2092.018	788.6958	1719.399
#3	895.9320	23001.32	2100.504	806.9952	1716.420

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164655BS Acquired: 11/14/2024 17:46:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS655 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158647	.0511712	.0184192	.0618373	.1041394	.3966602
Stddev	.0048315	.0004760	.0010845	.0026342	.0004072	.0082587
%RSD	30.45422	.9301618	5.887594	4.259844	.3910407	2.082049
#1	.0200454	.0506402	.0173845	.0607258	.1036855	.3975754
#2	.0169737	.0515594	.0195473	.0648450	.1042599	.4044232
#3	.0105752	.0513140	.0183259	.0599410	.1044728	.3879821

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4122079	.0108255	.0105254	10.76211	.0202127	.0975254
Stddev	.0015897	.0001813	.0001374	.03705	.0004553	.0002030
%RSD	.3856433	1.674877	1.304899	.3442557	2.252573	.2081805
#1	.4123426	.0108703	.0105822	10.77404	.0206391	.0976033
#2	.4137259	.0109802	.0103687	10.79173	.0202658	.0976780
#3	.4105551	.0106260	.0106252	10.72057	.0197332	.0972950

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394553	.2577588	.0316433	10.19368	.0820585	.0230030
Stddev	.0018230	.0074358	.0015743	.03703	.0002482	.0005438
%RSD	4.620316	2.884801	4.975116	.3632193	.3024688	2.363909
#1	.0378273	.2582737	.0303157	10.23023	.0822627	.0233356
#2	.0414249	.2649239	.0312317	10.15620	.0821305	.0223755
#3	.0391136	.2500790	.0333825	10.19460	.0817822	.0232980

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12616	.0956590	.1105795	9.626738	.0195461	F -.001726
Stddev	.52899	.0166311	.0015112	.061369	.0029626	.001939
%RSD	5.223949	17.38584	1.366583	.6374859	15.15691	112.3469
#1	10.71933	.0774421	.1122792	9.654881	.0223933	-.002893
#2	9.70332	.0995042	.1100716	9.556344	.0164802	-.002797
#3	9.95584	.1100308	.1093877	9.668988	.0197649	.000512

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164655BS Acquired: 11/14/2024 17:46:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS655 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0179696	.1723962	F .4516055	.0135213	.2018146	.0319173
Stddev	.0002660	.0103867	.0022149	.0001458	.0011931	.0010269
%RSD	1.480278	6.024905	.4904397	1.078629	.5912065	3.217419
#1	.0178244	.1827009	.4517136	.0134977	.2022089	.0321328
#2	.0182766	.1619294	.4537643	.0133887	.2027608	.0307997
#3	.0178078	.1725584	.4493386	.0136775	.2004743	.0328193

Elem	Sr4077
Units	ppm
Avg	.2066361
Stddev	.0006833
%RSD	.3306753
#1	.2067789
#2	.2072367
#3	.2058926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	892.4286	22394.04	2084.169	787.0949	1686.175
Stddev	1.0994	30.05	9.535	6.1724	3.056
%RSD	.1231968	.1341851	.4575122	.7841948	.1812332
#1	891.8773	22383.25	2086.507	782.6141	1686.205
#2	893.6947	22427.99	2073.682	784.5352	1689.217
#3	891.7140	22370.87	2092.318	794.1352	1683.105

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164655BSD Acquired: 11/14/2024 17:50:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD655 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098954	.0266136	.0087207	.0297331	.0553223	.2044920	.2114885
Stddev	.0033311	.0022414	.0010151	.0046046	.0022788	.0116957	.0016745
%RSD	33.66289	8.422192	11.63951	15.48635	4.119095	5.719403	.7917768
#1	.0065251	.0242486	.0075968	.0255421	.0558401	.1921062	.2100699
#2	.0099754	.0268854	.0095707	.0289952	.0528292	.2060229	.2133356
#3	.0131858	.0287067	.0089946	.0346621	.0572976	.2153469	.2110600

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056615	.0054874	5.573164	.0091777	.0502380	.0226844	.0968923
Stddev	.0000703	.0001428	.014452	.0010178	.0006947	.0028724	.0169169
%RSD	1.241131	2.601375	.2593186	11.09029	1.382836	12.66234	17.45947
#1	.0056891	.0053553	5.562555	.0103168	.0494419	.0194121	.1161579
#2	.0057138	.0054680	5.567313	.0083576	.0505506	.0238521	.0900541
#3	.0055816	.0056388	5.589624	.0088586	.0507214	.0247891	.0844650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158433	5.476581	.0424006	.0123427	5.487551	.0436576	.0574829
Stddev	.0020548	.152808	.0003573	.0004686	.103298	.0124037	.0005384
%RSD	12.96941	2.790208	.8426268	3.796642	1.882409	28.41127	.9366197
#1	.0174046	5.323119	.0422797	.0119005	5.606757	.0295610	.0569414
#2	.0166100	5.628727	.0421196	.0128338	5.424359	.0485111	.0574891
#3	.0135155	5.477896	.0428027	.0122939	5.431537	.0529006	.0580182

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.997222	.0074705	-.001938	.0095818	.0871910	.2353087	.0050005
Stddev	.042371	.0020768	.001104	.0003668	.0028075	.0014039	.0020970
%RSD	.8478866	27.80074	56.96631	3.828104	3.219942	.5966019	41.93583
#1	5.039589	.0085381	-.003210	.0095963	.0886984	.2343276	.0040583
#2	4.997232	.0050770	-.001221	.0099411	.0839518	.2369168	.0074033
#3	4.954847	.0087964	-.001384	.0092080	.0889229	.2346817	.0035398

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164655BSD Acquired: 11/14/2024 17:50:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD655 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1036105	.0163849	.1071464
Stddev	.0013936	.0019302	.0004178
%RSD	1.345074	11.78045	.3899461
#1	.1049703	.0143556	.1076229
#2	.1021853	.0166014	.1068427
#3	.1036760	.0181978	.1069736

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	891.9252	22414.40	2075.307	788.8352	1709.868
Stddev	1.5973	22.02	5.004	5.4891	3.127
%RSD	.1790839	.0982209	.2411127	.6958469	.1828690
#1	891.1036	22414.44	2080.846	785.0947	1707.733
#2	893.7661	22436.40	2071.114	795.1368	1713.457
#3	890.9060	22392.37	2073.961	786.2742	1708.413

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164715BL Acquired: 11/14/2024 17:55:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS715 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001098	.0006379	-.001096	.0006549	-.003361	-.001772	-.000617
Stddev	.004503	.0006285	.002569	.0026128	.000997	.006352	.000930
%RSD	410.1432	98.54065	234.3330	398.9506	29.67793	358.4387	150.7764
#1	.004101	.0013029	.000028	-.001632	-.004127	-.008274	-.000765
#2	-.003622	.0005570	.000719	.003503	-.002233	-.001461	.000378
#3	-.003773	.0000536	-.004036	.000093	-.003723	.004419	-.001464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	.0001376	.0028142	-.001237	.0003614	-.005356	.0090084
Stddev	.000056	.0000677	.0102102	.001503	.0004208	.005070	.0305764
%RSD	249.7697	49.20707	362.8043	121.5377	116.4368	94.66597	339.4218
#1	-.000023	.0000856	-.002253	-.002762	.0003090	-.011206	.0419239
#2	-.000078	.0002141	.014567	.000243	.0008060	-.002251	.0036114
#3	.000034	.0001130	-.003872	-.001191	-.000031	-.002610	-.018510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000816	-.044597	.0000031	.0007201	-.151169	.0024562	-.000353
Stddev	.000549	.035951	.0004245	.0001730	.011137	.0088409	.000448
%RSD	67.29672	80.61349	13723.83	24.02016	7.367185	359.9396	126.7598
#1	-.001253	-.079803	-.000361	.0008207	-.156630	.0020141	-.000471
#2	-.000200	-.007944	-.000099	.0005204	-.138356	-.006155	-.000731
#3	-.000996	-.046045	.000469	.0008194	-.158522	.011510	.000141

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1151881	-.003983	-.002926	-.000459	-.001215	-.000232	.0002266
Stddev	.0916713	.001104	.000692	.000306	.005142	.000703	.0006755
%RSD	79.58398	27.71673	23.66033	66.80358	423.3043	303.4845	298.1548
#1	.1272878	-.003716	-.003636	-.000793	.004717	-.000673	.0009969
#2	.2002087	-.005195	-.002890	-.000191	-.004408	-.000602	-.000265
#3	.0180678	-.003036	-.002253	-.000392	-.003954	.000579	-.000053

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164715BL Acquired: 11/14/2024 17:55:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS715 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006111	-.000348	-.000179
Stddev	.0003736	.002778	.000134
%RSD	61.13264	798.5507	74.57359
#1	.0001821	.002304	-.000036
#2	.0008649	-.003236	-.000301
#3	.0007862	-.000112	-.000200

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	891.0983	22345.78	2075.084	783.5789	1719.965
Stddev	1.1068	57.60	5.699	3.4793	3.184
%RSD	.1242091	.2577788	.2746193	.4440323	.1850932
#1	891.7987	22291.98	2080.871	779.5613	1717.138
#2	891.6740	22406.55	2069.479	785.5752	1723.413
#3	889.8223	22338.81	2074.904	785.6002	1719.344

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164715BS Acquired: 11/14/2024 17:59:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS715 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168703	.0504721	.0202700	.0654621	.1083798	.4036214
Stddev	.0035471	.0072518	.0020966	.0037782	.0011227	.0189931
%RSD	21.02564	14.36783	10.34321	5.771570	1.035899	4.705668
#1	.0148704	.0472600	.0204189	.0698204	.1083694	.3845310
#2	.0147749	.0587751	.0181030	.0634525	.1072623	.4038175
#3	.0209658	.0453811	.0222882	.0631135	.1095076	.4225156

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4206715	.0110178	.0107734	10.96051	.0207958	.0997272
Stddev	.0018145	.0000889	.0001165	.08341	.0008994	.0004370
%RSD	.4313265	.8070479	1.081022	.7610294	4.324957	.4382285
#1	.4186470	.0109327	.0107337	10.89534	.0207187	.0996495
#2	.4221510	.0111101	.0106820	11.05452	.0217312	.1001979
#3	.4212165	.0110108	.0109045	10.93169	.0199374	.0993342

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448843	.2139230	.0309414	10.49463	.0840333	.0231834
Stddev	.0013650	.0297291	.0012654	.06017	.0002808	.0003082
%RSD	3.041200	13.89711	4.089587	.5733636	.3341666	1.329497
#1	.0433219	.2453455	.0303261	10.43824	.0843561	.0228277
#2	.0454853	.2101821	.0323967	10.55798	.0838978	.0233509
#3	.0458456	.1862414	.0301013	10.48766	.0838459	.0233717

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.70491	.0916901	.1121422	9.813181	.0166459	F -.002116
Stddev	.09449	.0187162	.0002265	.043686	.0015854	.000964
%RSD	.8826642	20.41249	.2019284	.4451784	9.524402	45.58309
#1	10.60541	.0710379	.1122986	9.809692	.0181848	-.002413
#2	10.79342	.0965017	.1118825	9.858507	.0150178	-.001038
#3	10.71589	.1075309	.1122454	9.771344	.0167352	-.002897

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164715BS Acquired: 11/14/2024 17:59:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS715 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0191376	.1784073	F .4627460	.0126515	.2071503	.0306832
Stddev	.0002127	.0045526	.0008175	.0016044	.0012440	.0024985
%RSD	1.111312	2.551802	.1766585	12.68175	.6005317	8.142845
#1	.0191887	.1737717	.4620996	.0140529	.2071347	.0278235
#2	.0193201	.1785782	.4636649	.0130000	.2059141	.0317827
#3	.0189041	.1828720	.4624734	.0109014	.2084020	.0324434

Elem	Sr4077
Units	ppm
Avg	.2115191
Stddev	.0005914
%RSD	.2796086
#1	.2108362
#2	.2118638
#3	.2118572

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	888.7471	22351.41	2087.309	785.7209	1679.959
Stddev	.5905	46.37	7.268	5.8542	.940
%RSD	.0664459	.2074794	.3482022	.7450777	.0559262
#1	888.2716	22392.53	2095.661	790.8611	1679.335
#2	889.4081	22360.55	2082.414	786.9528	1681.040
#3	888.5615	22301.14	2083.854	779.3487	1679.502

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164715BSD Acquired: 11/14/2024 18:04:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD715 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000512	.0247478	.0092681	.0345286	.0547021	.1992163	.2098180
Stddev	.003211	.0010438	.0020113	.0044474	.0018971	.0065068	.0003141
%RSD	626.6400	4.217547	21.70158	12.88022	3.467992	3.266192	.1496784
#1	.002213	.0259525	.0113140	.0336395	.0554571	.2013987	.2097918
#2	.000302	.0241770	.0091972	.0305929	.0561054	.1918989	.2101444
#3	-.004052	.0241139	.0072932	.0393533	.0525438	.2043514	.2095179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055042	.0053954	5.484120	.0092231	.0498585	.0203881	.1179495
Stddev	.0000872	.0001208	.017111	.0008741	.0006819	.0036620	.0182088
%RSD	1.584268	2.238439	.3120156	9.477386	1.367658	17.96155	15.43783
#1	.0054199	.0054098	5.498026	.0100727	.0506453	.0242212	.0977268
#2	.0055940	.0052681	5.489323	.0083264	.0494900	.0200176	.1230765
#3	.0054986	.0055084	5.465011	.0092701	.0494402	.0169254	.1330452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146270	5.267615	.0419982	.0123410	5.362629	.0552626	.0558732
Stddev	.0017821	.126752	.0001903	.0001866	.244566	.0099742	.0006228
%RSD	12.18380	2.406249	.4531481	1.512040	4.560563	18.04877	1.114705
#1	.0145096	5.175925	.0419702	.0121456	5.113926	.0458401	.0559928
#2	.0164649	5.214663	.0418235	.0123603	5.371124	.0657094	.0564275
#3	.0129064	5.412256	.0422010	.0125173	5.602837	.0542382	.0551992

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.817619	.0048499	-.003832	.0094766	.0856700	.2291771	.0058427
Stddev	.091198	.0037395	.000447	.0005832	.0040911	.0020338	.0005541
%RSD	1.893016	77.10404	11.66662	6.153957	4.775445	.8874377	9.484281
#1	4.890171	.0006993	-.003416	.0099085	.0903860	.2293696	.0058348
#2	4.715242	.0079563	-.004305	.0097080	.0830739	.2311078	.0052926
#3	4.847442	.0058941	-.003776	.0088132	.0835501	.2270539	.0064008

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: PB164715BSD Acquired: 11/14/2024 18:04:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD715 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1041300	.0147310	.1052138
Stddev	.0011299	.0013707	.0003923
%RSD	1.085116	9.304997	.3728777
#1	.1048208	.0134979	.1054062
#2	.1047431	.0144881	.1047625
#3	.1028260	.0162069	.1054728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	896.0562	22348.15	2094.286	788.3999	1703.335
Stddev	2.2035	74.98	5.304	3.1891	2.156
%RSD	.2459143	.3354902	.2532770	.4045078	.1265584
#1	896.3257	22400.34	2090.489	790.8026	1702.032
#2	893.7304	22381.88	2092.021	789.6153	1705.824
#3	898.1126	22262.24	2100.346	784.7817	1702.151

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-11DLX2 Acquired: 11/14/2024 18:08:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE586 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2749404	-.043517	.1964014	-.002623	.0104026	104.1530	1.571585
Stddev	.0116863	.004135	.0032103	.004644	.0021070	.0538	.002439
%RSD	4.250472	9.502385	1.634576	177.0777	20.25416	.0516312	.1552249
#1	.2656085	-.042362	.1947960	.001983	.0118694	104.2150	1.572738
#2	.2880477	-.048106	.2000977	-.002546	.0079882	104.1199	1.568783
#3	.2711650	-.040082	.1943103	-.007305	.0113503	104.1240	1.573235

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027823	.0019414	28.21149	.3039552	.1885070	.4417486	331.5141
Stddev	.0000863	.0002190	.04285	.0019948	.0007793	.0080888	1.2247
%RSD	3.102377	11.27947	.1519039	.6562914	.4134006	1.831081	.3694140
#1	.0028776	.0017073	28.19140	.3048461	.1887492	.4507840	332.7008
#2	.0027603	.0019758	28.18237	.3053493	.1876353	.4351815	331.5869
#3	.0027092	.0021412	28.26070	.3016702	.1891364	.4392803	330.2547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.71996	59.08197	.3155511	-.024068	1.235852	.6915513	.5730720
Stddev	.02112	.07053	.0007701	.000337	.065826	.0056703	.0032991
%RSD	.1434960	.1193749	.2440359	1.401917	5.326375	.8199397	.5756848
#1	14.74386	59.15126	.3146634	-.023697	1.228742	.6980444	.5692796
#2	14.71223	59.01026	.3159499	-.024356	1.304945	.6890340	.5746562
#3	14.70379	59.08440	.3160399	-.024151	1.173870	.6875754	.5752801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.77804	5.241005	.3375156	-.001766	1.053974	7.428364	.0138379
Stddev	.09657	.013612	.0023971	.000688	.002466	.009628	.0005584
%RSD	.4434480	.2597133	.7102249	38.97150	.2339576	.1296148	4.035347
#1	21.88928	5.255198	.3400053	-.001139	1.054235	7.437794	.0132486
#2	21.71569	5.239755	.3373182	-.001656	1.056299	7.418549	.0143591
#3	21.72914	5.228061	.3352233	-.002503	1.051388	7.428750	.0139061

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-11DLX2 Acquired: 11/14/2024 18:08:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE586 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.296705	.0863764	.1875581
Stddev	.009561	.0007362	.0004497
%RSD	.4163019	.8523497	.2397839
#1	2.288307	.0856212	.1880712
#2	2.307111	.0864160	.1872322
#3	2.294699	.0870921	.1873710

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	930.6039	23624.56	2241.467	823.8585	1580.703
Stddev	1.2204	22.46	3.055	4.2088	3.832
%RSD	.1311384	.0950675	.1362805	.5108646	.2424125
#1	929.2118	23602.92	2238.117	828.7148	1579.360
#2	931.4896	23647.76	2242.187	821.5925	1585.025
#3	931.1101	23622.99	2244.097	821.2682	1577.723

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-12DLX2 Acquired: 11/14/2024 18:13:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE586D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2474853	-.037368	.1949062	-.000945	.0060152	105.2720	1.268892
Stddev	.0148951	.005834	.0037785	.002429	.0029260	.2591	.006507
%RSD	6.018585	15.61237	1.938626	256.9213	48.64270	.2461388	.5127776
#1	.2612427	-.043372	.1908077	-.000732	.0027227	105.4378	1.273983
#2	.2495460	-.031720	.1956596	-.003474	.0083178	105.4048	1.271131
#3	.2316671	-.037013	.1982512	.001370	.0070052	104.9734	1.261561

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029870	.0016562	30.31617	.3001300	.1750057	.4684992	304.1657
Stddev	.0001624	.0001791	.14281	.0014889	.0015101	.0021399	.9272
%RSD	5.437225	10.81677	.4710564	.4960752	.8629022	.4567479	.3048286
#1	.0028664	.0014494	30.39846	.2984157	.1738809	.4707143	304.2254
#2	.0031717	.0017642	30.39878	.3010999	.1767221	.4683397	305.0616
#3	.0029229	.0017549	30.15127	.3008745	.1744141	.4664435	303.2101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.69729	60.84896	.3097748	-.022802	1.345402	.6449378	.5686015
Stddev	.04577	.09782	.0004470	.000286	.098947	.0056964	.0023123
%RSD	.3604352	.1607515	.1442844	1.254627	7.354457	.8832491	.4066704
#1	12.73253	60.95920	.3093032	-.022911	1.272956	.6409311	.5677544
#2	12.71377	60.77254	.3098289	-.023018	1.305113	.6514588	.5712179
#3	12.64556	60.81514	.3101922	-.022478	1.458138	.6424236	.5668322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.07478	5.492548	.3127073	-.001919	1.132018	7.297100	.0128878
Stddev	.03857	.009112	.0012641	.000945	.004692	.049360	.0024683
%RSD	.1671448	.1658985	.4042416	49.25607	.4144837	.6764304	19.15194
#1	23.11666	5.482101	.3117702	-.001204	1.132405	7.307073	.0113089
#2	23.06695	5.498854	.3122067	-.001563	1.127144	7.340712	.0157322
#3	23.04073	5.496689	.3141450	-.002991	1.136504	7.243515	.0116224

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-12DLX2 Acquired: 11/14/2024 18:13:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE586D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.020547	.0843334	.1748075
Stddev	.004731	.0019771	.0002566
%RSD	.2341499	2.344374	.1467766
#1	2.023101	.0827640	.1751016
#2	2.023453	.0865540	.1746296
#3	2.015088	.0836823	.1746914

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	929.4140	23639.26	2228.485	824.3158	1586.829
Stddev	2.7853	68.94	9.111	2.7233	1.861
%RSD	.2996813	.2916345	.4088432	.3303698	.1173020
#1	929.8474	23711.74	2230.260	827.3370	1588.596
#2	931.9572	23631.54	2218.616	823.5603	1587.004
#3	926.4374	23574.51	2236.577	822.0500	1584.886

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-11LDLX10 Acquired: 11/14/2024 18:17:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE586L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0656912	-.013197	.0427843	-.002279	.0026600	23.57445	.3520416
Stddev	.0004073	.001451	.0036808	.002455	.0022349	.06219	.0009432
%RSD	.6199641	10.99746	8.603165	107.7241	84.02079	.2638126	.2679291
#1	.0652218	-.011555	.0457853	.000545	.0042659	23.52515	.3529302
#2	.0659506	-.013730	.0438904	-.003900	.0036064	23.55388	.3510519
#3	.0659012	-.014307	.0386773	-.003482	.0001075	23.64432	.3521427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006214	.0001987	6.278864	.0703734	.0409043	.0993602	76.77123
Stddev	.0000314	.0002172	.023852	.0033394	.0003950	.0065193	.17579
%RSD	5.047571	109.2967	.3798835	4.745320	.9656240	6.561254	.2289820
#1	.0006427	.0000081	6.303155	.0686374	.0405241	.0918714	76.67264
#2	.0005854	.0001529	6.277962	.0742233	.0408763	.1037672	76.66685
#3	.0006362	.0004352	6.255476	.0682596	.0413125	.1024421	76.97419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.367852	13.10270	.0691535	-.004386	.5219107	.1511765	.1371133
Stddev	.009094	.10529	.0003416	.002075	.4451587	.0032914	.0036345
%RSD	.2700133	.8035615	.4939675	47.30288	85.29404	2.177209	2.650711
#1	3.372036	13.11894	.0692374	-.006025	.7219625	.1532272	.1349464
#2	3.374101	12.99024	.0694452	-.002053	.8319465	.1473799	.1413093
#3	3.357420	13.19893	.0687777	-.005079	.0118229	.1529223	.1350842

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.991654	1.133411	.0775048	-.001277	.2178830	1.750061	.0129309
Stddev	.118722	.005789	.0011328	.000221	.0051811	.011339	.0012399
%RSD	2.378419	.5107884	1.461585	17.27383	2.377927	.6479396	9.588798
#1	5.042302	1.136346	.0769648	-.001344	.2182807	1.737283	.0143615
#2	4.856008	1.126742	.0788065	-.001457	.2228538	1.753976	.0122639
#3	5.076653	1.137145	.0767430	-.001031	.2125145	1.758924	.0121672

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-11LDLX10 Acquired: 11/14/2024 18:17:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE586L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5237114	.0202375	.0427935
Stddev	.0039466	.0023210	.0003314
%RSD	.7535756	11.46871	.7744323
#1	.5271299	.0209211	.0424498
#2	.5193925	.0176515	.0431111
#3	.5246119	.0221400	.0428196

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	902.5108	22428.50	2125.663	781.6694	1666.697
Stddev	.8685	595.67	2.963	21.2456	4.819
%RSD	.0962362	2.655860	.1393740	2.717974	.2891070
#1	903.2053	22828.48	2128.168	795.3730	1667.378
#2	902.7901	21743.91	2126.429	757.1957	1671.138
#3	901.5369	22713.10	2122.393	792.4397	1661.574

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-13DLX2 Acquired: 11/14/2024 18:22:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE586S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3486773	.0523023	.2334473	.1506869	.1690625	107.1420	5.391891
Stddev	.0075509	.0022984	.0035718	.0030493	.0009590	.1092	.019749
%RSD	2.165594	4.394462	1.530024	2.023617	.5672215	.1019078	.3662770
#1	.3518496	.0546887	.2332415	.1477691	.1682377	107.0271	5.371578
#2	.3400578	.0501033	.2299828	.1504389	.1701147	107.1545	5.393070
#3	.3541246	.0521148	.2371175	.1538527	.1688350	107.2444	5.411024

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0975684	.1002820	27.52218	.7103389	1.168044	.8840606	331.7507
Stddev	.0006300	.0005484	.09264	.0011848	.000422	.0030425	1.5727
%RSD	.6457204	.5468661	.3366057	.1667916	.0361532	.3441457	.4740699
#1	.0968810	.1003033	27.44207	.7112977	1.168341	.8815530	330.0000
#2	.0981184	.0997232	27.50082	.7107046	1.167561	.8831835	332.2083
#3	.0977058	.1008194	27.62363	.7090143	1.168230	.8874452	333.0440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.51900	58.58609	1.299236	.0664094	1.547255	1.688814	1.388584
Stddev	.06381	.34022	.001824	.0008938	.354325	.013871	.007874
%RSD	.4111772	.5807184	.1403800	1.345851	22.90022	.8213275	.5670540
#1	15.44622	58.23019	1.297139	.0654139	1.682057	1.679891	1.379679
#2	15.54543	58.62000	1.300115	.0671429	1.814394	1.681758	1.394626
#3	15.56534	58.90809	1.300454	.0666715	1.145313	1.704795	1.391448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.71651	5.317258	.3406193	-.001532	1.066903	7.462992	.0135099
Stddev	.04715	.010422	.0012024	.000434	.008365	.043598	.0024247
%RSD	.2170945	.1959967	.3530034	28.34464	.7840599	.5841900	17.94765
#1	21.71851	5.322015	.3398166	-.001051	1.059983	7.412797	.0138792
#2	21.66839	5.305307	.3400397	-.001648	1.064527	7.491422	.0157288
#3	21.76262	5.324452	.3420018	-.001896	1.076199	7.484758	.0109217

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-13DLX2 Acquired: 11/14/2024 18:22:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE586S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.289206	.0863612	.1872927
Stddev	.004006	.0035690	.0004298
%RSD	.1749876	4.132666	.2294544
#1	2.289511	.0831059	.1869468
#2	2.285056	.0901775	.1877738
#3	2.293050	.0858002	.1871575

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.0395	23702.37	2263.284	820.4099	1579.731
Stddev	.5890	43.18	5.471	2.0750	1.081
%RSD	.0636687	.1821628	.2417245	.2529209	.0684514
#1	924.3863	23663.97	2269.006	821.9878	1579.980
#2	925.5299	23694.03	2258.105	818.0594	1580.667
#3	925.2023	23749.10	2262.741	821.1823	1578.547

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-07DLX2 Acquired: 11/14/2024 18:26:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1508695	-.051650	.2707753	-.005076	.0103975	91.14835	1.209961
Stddev	.0088106	.001788	.0018029	.009620	.0017492	.13229	.002478
%RSD	5.839847	3.462587	.6658401	189.5130	16.82360	.1451408	.2047656
#1	.1524446	-.049585	.2726141	-.016045	.0118463	91.11526	1.207983
#2	.1587864	-.052699	.2707014	.001926	.0108919	91.03575	1.212740
#3	.1413777	-.052665	.2690105	-.001110	.0084543	91.29405	1.209160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029276	.0019474	20.16358	.2629820	.1696588	.5243376	399.8971
Stddev	.0000736	.0005575	.10141	.0007105	.0020055	.0025866	.1995
%RSD	2.513033	28.62795	.5029369	.2701776	1.182094	.4933025	.0498911
#1	.0029513	.0025882	20.04825	.2624442	.1675792	.5271524	399.6903
#2	.0028451	.0016796	20.23881	.2637875	.1698160	.5237953	399.9126
#3	.0029864	.0015743	20.20367	.2627142	.1715810	.5220652	400.0884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55232	44.27981	.2299581	-.030195	1.878942	.6577709	.6240969
Stddev	.00372	.08467	.0007548	.000498	.266274	.0130132	.0024904
%RSD	.0255787	.1912089	.3282529	1.648590	14.17151	1.978373	.3990369
#1	14.55267	44.24999	.2298626	-.029940	1.927444	.6481388	.6265926
#2	14.55586	44.37535	.2292555	-.029877	2.117631	.6525990	.6216119
#3	14.54844	44.21408	.2307561	-.030769	1.591750	.6725749	.6240860

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.32880	3.878810	.3998649	-.001628	1.055240	6.915782	.0113440
Stddev	.02478	.020619	.0034180	.000462	.006329	.040332	.0013464
%RSD	.1352033	.5315791	.8547969	28.39332	.5998064	.5831898	11.86845
#1	18.33024	3.878154	.4019087	-.001114	1.061210	6.926670	.0097908
#2	18.30332	3.858526	.4017671	-.002009	1.048604	6.871123	.0120640
#3	18.35282	3.899749	.3959189	-.001762	1.055906	6.949552	.0121773

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-07DLX2 Acquired: 11/14/2024 18:26:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.685162	.0700632	.1853403
Stddev	.005108	.0028030	.0003996
%RSD	.1902374	4.000684	.2156139
#1	2.690253	.0730969	.1854536
#2	2.685194	.0695235	.1848963
#3	2.680037	.0675694	.1856711

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.7797	23382.91	2231.448	814.0171	1602.118
Stddev	1.1347	39.71	9.139	1.6643	3.617
%RSD	.1234971	.1698293	.4095599	.2044565	.2257480
#1	917.7738	23376.03	2226.422	813.3845	1599.857
#2	918.5556	23347.09	2241.997	812.7619	1606.289
#3	920.0097	23425.61	2225.924	815.9050	1600.207

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCV088 Acquired: 11/14/2024 18:30:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.891376	4.755644	24.35293	4.694096	4.728065	403.7416	10.20503
Stddev	.007698	.026833	.07193	.016707	.019341	.9445	.02618
%RSD	.1573737	.5642377	.2953739	.3559046	.4090755	.2339318	.2565837
#1	4.899253	4.763218	24.34285	4.710072	4.749644	404.6775	10.22752
#2	4.891004	4.777876	24.42937	4.676744	4.712290	403.7586	10.21127
#3	4.883871	4.725838	24.28657	4.695473	4.722261	402.7887	10.17629

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5051128	2.456622	410.4520	15.26638	2.472241	15.04488	415.1030
Stddev	.0010919	.008298	.8181	.00675	.005710	.06523	1.3616
%RSD	.2161708	.3377910	.1993080	.0442462	.2309714	.4335607	.3280165
#1	.5059994	2.460463	410.7224	15.26185	2.473257	15.08755	415.3624
#2	.5054457	2.462304	411.1008	15.27414	2.477375	15.07729	416.3162
#3	.5038931	2.447099	409.5330	15.26315	2.466091	14.96979	413.6303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98478	408.3985	2.462396	1.246004	410.6859	2.513397	14.41278
Stddev	.04452	1.5213	.006145	.001077	1.5742	.009482	.13410
%RSD	.2970928	.3724954	.2495569	.0864389	.3833158	.3772767	.9304312
#1	15.00981	408.5516	2.460332	1.245859	412.1842	2.502689	14.27970
#2	15.01115	409.8374	2.469307	1.247146	410.8282	2.520730	14.41077
#3	14.93338	406.8064	2.457548	1.245006	409.0454	2.516774	14.54788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.4948	4.968682	5.280033	4.711550	4.980369	5.043673	4.936243
Stddev	.3117	.014032	.016418	.010377	.024225	.014335	.008758
%RSD	.2030982	.2824046	.3109394	.2202499	.4864019	.2842190	.1774268
#1	153.8308	4.968862	5.297945	4.722878	4.995077	5.059896	4.937015
#2	153.4389	4.982623	5.276454	4.709270	4.993621	5.032713	4.944590
#3	153.2148	4.954562	5.265700	4.702502	4.952409	5.038411	4.927124

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCV088 Acquired: 11/14/2024 18:30:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.006714	5.087427	5.063587
Stddev	.010889	.011055	.011797
%RSD	.2174893	.2172939	.2329844
#1	5.019089	5.091959	5.075424
#2	5.002455	5.095495	5.063507
#3	4.998598	5.074826	5.051829

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	719.6434	20346.14	1990.221	612.5910	1298.832
Stddev	2.5606	48.72	.694	6.1025	4.970
%RSD	.3558179	.2394715	.0348803	.9961808	.3826822
#1	716.7918	20374.05	1989.478	618.6677	1296.181
#2	720.3923	20289.88	1990.333	612.6423	1295.750
#3	721.7461	20374.49	1990.852	606.4630	1304.566

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCB088 Acquired: 11/14/2024 18:35:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020795	.0007736	-.000057	-.002487	-.001749	.0207412	-.000359
Stddev	.0029367	.0018204	.001823	.007358	.000370	.0104387	.000561
%RSD	141.2224	235.3081	3194.093	295.8112	21.15593	50.32814	156.1756
#1	.0008849	-.000717	.002043	.005901	-.002153	.0089132	-.000978
#2	-.000072	.000235	-.000980	-.007847	-.001427	.0286652	-.000214
#3	.005425	.002803	-.001234	-.005516	-.001666	.0246452	.000115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0004138	.0388754	.0000863	.0004875	-.004636	.0268442
Stddev	.000072	.0001666	.0031566	.0004976	.0008521	.009536	.0207258
%RSD	3267.783	40.25660	8.119684	576.3423	174.7975	205.6865	77.20750
#1	.000015	.0002242	.0420331	-.000420	.0001995	-.005679	.0457765
#2	-.000082	.0005366	.0357200	.000574	.0014462	.005378	.0047000
#3	.000060	.0004805	.0388732	.000105	-.000183	-.013609	.0300562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003184	-.003679	.0003169	.0019879	.1336547	-.010175	.0015052
Stddev	.0008602	.041060	.0005905	.0007027	.2277955	.004343	.0003264
%RSD	270.1317	1115.950	186.3381	35.34667	170.4358	42.68392	21.68413
#1	-.000628	-.036533	.0000984	.0027709	.0528283	-.009029	.0011297
#2	.000530	-.016857	.0009855	.0014122	.3908423	-.006519	.0016645
#3	.001053	.042352	-.000133	.0017807	-.042706	-.014975	.0017213

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480060	-.001527	.0060926	.0003740	.0007337	.0003643	-.000122
Stddev	.0372885	.004607	.0007747	.0009430	.0014444	.0006195	.000777
%RSD	77.67476	301.7055	12.71482	252.1396	196.8746	170.0567	638.2394
#1	.0834540	.002255	.0067797	.0011046	.0017588	.0009975	-.000452
#2	.0514484	-.000178	.0062451	.0007080	.0013605	-.000240	.000766
#3	.0091156	-.006657	.0052531	-.000691	-.000918	.000336	-.000680

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCB088 Acquired: 11/14/2024 18:35:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000876	.0012530	.0000409
Stddev	.0009302	.0027487	.0002132
%RSD	1061.535	219.3741	521.3388
#1	.0008768	-.001174	.0001791
#2	.0003240	.004238	-.000205
#3	-.000938	.000695	.000148

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.3146	22355.11	2049.421	787.5947	1726.001
Stddev	2.1516	102.22	18.820	2.3594	5.359
%RSD	.2405873	.4572604	.9182939	.2995649	.3104597
#1	896.7261	22241.21	2045.829	786.1888	1732.127
#2	893.6261	22385.25	2069.779	786.2767	1723.694
#3	892.5915	22438.88	2032.657	790.3185	1722.183

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-08DLX2 Acquired: 11/14/2024 18:39:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1390435	-.051942	.2607319	-.004741	.0130950	89.05959	1.126451
Stddev	.0126722	.002985	.0027597	.006411	.0010405	.73537	.011305
%RSD	9.113862	5.746791	1.058431	135.2155	7.945515	.8257021	1.003593
#1	.1255055	-.055388	.2624484	-.011017	.0119890	89.47204	1.132685
#2	.1410033	-.050157	.2621986	.001797	.0132416	89.49615	1.133267
#3	.1506216	-.050282	.2575485	-.005003	.0140543	88.21057	1.113402

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027771	.0019161	19.23380	.2544625	.1642700	.5135233	392.3969
Stddev	.0000895	.0000631	.12813	.0006230	.0012848	.0016248	4.1268
%RSD	3.221023	3.291142	.6661747	.2448256	.7821223	.3164131	1.051679
#1	.0028553	.0018777	19.27693	.2551746	.1639364	.5148149	393.7593
#2	.0026795	.0019889	19.33480	.2540180	.1631849	.5140559	395.6701
#3	.0027965	.0018818	19.08967	.2541949	.1656886	.5116989	387.7611

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.73800	42.96063	.2222994	-.029442	1.810908	.6337027	.6115828
Stddev	.12888	.66152	.0018455	.000408	.141578	.0097503	.0020077
%RSD	.9381546	1.539832	.8302006	1.384853	7.818076	1.538621	.3282762
#1	13.81071	43.32915	.2204290	-.029285	1.882158	.6390615	.6125790
#2	13.81410	43.35580	.2241190	-.029905	1.647859	.6224483	.6128976
#3	13.58919	42.19692	.2223503	-.029136	1.902707	.6395983	.6092719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.95227	3.795514	.3934638	-.001230	1.035139	6.835674	.0098036
Stddev	.18883	.015879	.0033473	.000672	.007275	.038834	.0026085
%RSD	1.051847	.4183611	.8507158	54.63913	.7027723	.5681073	26.60766
#1	18.08428	3.792545	.3943259	-.000484	1.028255	6.837658	.0068785
#2	18.03656	3.781330	.3962957	-.001420	1.034413	6.873478	.0118885
#3	17.73598	3.812668	.3897698	-.001787	1.042750	6.795886	.0106437

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-08DLX2 Acquired: 11/14/2024 18:39:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.642709	.0693036	.1806568
Stddev	.019309	.0009338	.0015596
%RSD	.7306403	1.347444	.8632797
#1	2.652462	.0694440	.1817555
#2	2.655195	.0683075	.1813432
#3	2.620469	.0701593	.1788718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.1454	23331.93	2204.118	810.9066	1606.836
Stddev	1.6634	98.55	11.500	2.7342	2.329
%RSD	.1817619	.4223836	.5217658	.3371736	.1449361
#1	914.3200	23220.23	2205.382	808.6179	1608.773
#2	917.0601	23368.96	2192.037	810.1676	1604.252
#3	914.0562	23406.60	2214.933	813.9343	1607.483

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-07LDLX10 Acquired: 11/14/2024 18:44:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493923	-.011059	.0632395	-.004711	.0027365	20.88591	.2772959
Stddev	.0087035	.002965	.0037237	.005972	.0034109	.04043	.0008088
%RSD	17.62117	26.80749	5.888282	126.7627	124.6469	.1935948	.2916623
#1	.0484518	-.009331	.0643717	.001856	.0047849	20.87213	.2763751
#2	.0411972	-.014483	.0662657	-.009815	-.001201	20.93143	.2778912
#3	.0585278	-.009364	.0590811	-.006174	.004626	20.85416	.2776213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006432	.0002153	4.662665	.0593968	.0377155	.1115042	93.78005
Stddev	.0001118	.0002279	.040741	.0009224	.0003405	.0025575	.56803
%RSD	17.37840	105.8507	.8737666	1.552931	.9026826	2.293596	.6057084
#1	.0007420	-.000033	4.709707	.0604026	.0373988	.1097441	93.49350
#2	.0005219	.000264	4.638760	.0591974	.0376720	.1103306	94.43429
#3	.0006659	.000415	4.639529	.0585905	.0380755	.1144378	93.41237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.408753	10.11210	.0512649	-.006971	.5911250	.1374093	.1470035
Stddev	.020912	.07111	.0003335	.000594	.3811786	.0128520	.0007395
%RSD	.6134783	.7031821	.6504999	8.521424	64.48359	9.353066	.5030749
#1	3.392617	10.03544	.0509157	-.007088	.5510109	.1435195	.1474620
#2	3.432378	10.12493	.0515800	-.006327	.9907743	.1460662	.1461503
#3	3.401263	10.17591	.0512990	-.007498	.2315898	.1226421	.1473981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.144583	.8522350	.0944515	-.000871	.2407064	1.628332	.0066985
Stddev	.010987	.0103519	.0002525	.000917	.0031918	.009141	.0012873
%RSD	.2650945	1.214677	.2673644	105.2558	1.326018	.5613968	19.21791
#1	4.152421	.8425901	.0944276	-.000005	.2388059	1.627101	.0069917
#2	4.132025	.8509425	.0942117	-.000776	.2389219	1.638027	.0052899
#3	4.149303	.8631725	.0947151	-.001831	.2443913	1.619869	.0078140

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-07LDLX10 Acquired: 11/14/2024 18:44:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6180311	.0174585	.0424391
Stddev	.0028368	.0019946	.0001129
%RSD	.4590011	11.42489	.2660967
#1	.6173414	.0152879	.0423585
#2	.6211492	.0192107	.0425682
#3	.6156029	.0178770	.0423907

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	903.2239	22778.04	2122.969	798.1710	1677.889
Stddev	.6567	45.26	12.761	2.7915	1.567
%RSD	.0727025	.1987082	.6011120	.3497342	.0934001
#1	903.5857	22740.84	2121.589	795.6472	1679.682
#2	903.6200	22764.85	2110.954	801.1693	1676.780
#3	902.4659	22828.44	2136.364	797.6964	1677.205

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-09DLX2 Acquired: 11/14/2024 18:48:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2161458	.0422272	.3042356	.1641812	.1748965	93.53642	5.120857
Stddev	.0041135	.0039977	.0023753	.0027583	.0015050	.07267	.001468
%RSD	1.903107	9.467027	.7807572	1.680061	.8604983	.0776904	.0286751
#1	.2180228	.0379488	.3049067	.1611915	.1766124	93.54752	5.122455
#2	.2114286	.0458674	.3015969	.1647250	.1738003	93.60290	5.119567
#3	.2189860	.0428654	.3062032	.1666272	.1742767	93.45884	5.120549

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0990474	.0996645	19.74727	.6702257	1.137815	.9621176	397.3131
Stddev	.0000910	.0007132	.11554	.0028183	.002284	.0033651	.4296
%RSD	.0918387	.7156142	.5850938	.4204956	.2007320	.3497590	.1081314
#1	.0991495	.0993722	19.61574	.6687448	1.135851	.9601270	397.8055
#2	.0990174	.0991438	19.83236	.6734757	1.137273	.9660028	397.1194
#3	.0989751	.1004774	19.79372	.6684565	1.140321	.9602229	397.0144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.36533	43.77265	1.197577	.0617462	1.710107	1.645867	1.445534
Stddev	.02078	.24759	.003571	.0000618	.033817	.009197	.004482
%RSD	.1352679	.5656313	.2981726	.1001744	1.977477	.5588220	.3100279
#1	15.38237	44.03445	1.193643	.0617716	1.741459	1.655603	1.441513
#2	15.37144	43.54227	1.200614	.0617913	1.714590	1.644674	1.450365
#3	15.34217	43.74124	1.198473	.0616757	1.674272	1.637325	1.444723

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.13728	3.851175	.3966519	-.001723	1.070068	6.855416	.0152005
Stddev	.10826	.003146	.0038103	.000919	.023674	.015500	.0029043
%RSD	.5968894	.0816903	.9606100	53.32457	2.212414	.2260953	19.10636
#1	18.01288	3.847659	.3977938	-.001752	1.056484	6.848412	.0119150
#2	18.21016	3.852143	.3997607	-.000790	1.056316	6.844655	.0174254
#3	18.18879	3.853724	.3924013	-.002627	1.097405	6.873182	.0162610

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-09DLX2 Acquired: 11/14/2024 18:48:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.650444	.0692975	.1829118
Stddev	.004271	.0014902	.0002780
%RSD	.1611253	2.150495	.1520020
#1	2.647088	.0708715	.1828767
#2	2.655251	.0691129	.1826530
#3	2.648992	.0679082	.1832057

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.8887	23497.46	2230.923	807.8928	1600.920
Stddev	1.8374	51.61	2.774	3.8130	2.935
%RSD	.2014908	.2196458	.1243563	.4719660	.1833209
#1	913.8962	23531.25	2233.913	811.2882	1604.162
#2	911.4794	23438.05	2230.424	803.7677	1600.153
#3	910.2905	23523.08	2228.432	808.6226	1598.444

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4590-01DLX2 Acquired: 11/14/2024 18:52:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1161489	-.023174	.1468630	-.000930	.0042677	61.07738	.7678007
Stddev	.0099764	.003610	.0054923	.006011	.0018349	.09706	.0030248
%RSD	8.589331	15.57619	3.739749	646.4882	42.99382	.1589105	.3939600
#1	.1083185	-.019520	.1429870	-.006609	.0030665	60.98835	.7657921
#2	.1273814	-.026737	.1444539	.005366	.0063798	61.06294	.7663304
#3	.1127468	-.023265	.1531482	-.001546	.0033569	61.18085	.7712796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018216	.0020528	19.50443	.1730149	.0878442	.4507849	166.5315
Stddev	.0000674	.0002414	.06805	.0008821	.0006603	.0083740	.9834
%RSD	3.701575	11.76035	.3489023	.5098179	.7517012	1.857650	.5904998
#1	.0018402	.0021103	19.44938	.1737727	.0871130	.4600723	165.9216
#2	.0017468	.0017878	19.48339	.1732253	.0880225	.4484720	166.0069
#3	.0018778	.0022602	19.58052	.1720467	.0883971	.4438104	167.6659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.627971	32.67720	.1526750	-.013047	.8915801	.2361376	.4913892
Stddev	.026782	.24697	.0012917	.000335	.2240920	.0062480	.0017387
%RSD	.5787064	.7557891	.8460339	2.564165	25.13425	2.645898	.3538354
#1	4.610146	32.41521	.1537692	-.013371	.9649754	.2316439	.4917893
#2	4.614997	32.71064	.1512501	-.012703	1.069771	.2432724	.4894853
#3	4.658769	32.90575	.1530058	-.013067	.639994	.2334965	.4928929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.97797	4.307778	.1758447	-.000491	.7549748	6.917205	.0063089
Stddev	.10412	.021537	.0015808	.000485	.0046852	.008414	.0015463
%RSD	.5791451	.4999480	.8989899	98.78705	.6205757	.1216350	24.50964
#1	17.86241	4.294740	.1746649	-.000803	.7507011	6.910818	.0048064
#2	18.00703	4.295957	.1752284	-.000737	.7599844	6.926739	.0062250
#3	18.06447	4.332636	.1776409	.000068	.7542391	6.914060	.0078955

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4590-01DLX2 Acquired: 11/14/2024 18:52:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.330795	.0466488	.1105589
Stddev	.004000	.0015278	.0002448
%RSD	.3006036	3.275130	.2213836
#1	1.335051	.0482575	.1105825
#2	1.327112	.0452174	.1103032
#3	1.330221	.0464716	.1107910

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	922.6081	23459.86	2231.343	815.3450	1619.188
Stddev	1.7803	74.25	7.958	4.1139	1.051
%RSD	.1929662	.3164939	.3566520	.5045626	.0648997
#1	922.4808	23543.61	2240.286	819.8625	1618.987
#2	924.4486	23433.87	2225.040	814.3584	1620.325
#3	920.8948	23402.10	2228.704	811.8140	1618.252

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4590-02DLX2 Acquired: 11/14/2024 18:57:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1359661	-.027026	.1675514	.0004873	.0055984	66.79965	.8674599
Stddev	.0024618	.002986	.0054629	.0054542	.0026985	1.39583	.0197348
%RSD	1.810580	11.05014	3.260432	1119.307	48.20163	2.089576	2.275010
#1	.1346460	-.025539	.1691024	.0057736	.0068354	68.40460	.8902269
#2	.1388064	-.025074	.1614807	.0008089	.0074568	65.86889	.8552353
#3	.1344459	-.030463	.1720710	-.005121	.0025032	66.12547	.8569173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020105	.0022565	21.12091	.1768389	.1007191	.5419538	177.2000
Stddev	.0000950	.0000480	.44463	.0021613	.0000356	.0090006	3.5041
%RSD	4.723578	2.128194	2.105161	1.222161	.0353547	1.660765	1.977491
#1	.0021041	.0023120	21.63409	.1744108	.1006781	.5511637	181.2364
#2	.0020132	.0022281	20.85082	.1775533	.1007369	.5331783	174.9386
#3	.0019143	.0022296	20.87782	.1785524	.1007423	.5415195	175.4249

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.248220	35.05859	.1659673	-.013366	.8516147	.2719383	.5462738
Stddev	.106898	.72768	.0000492	.000111	.2433210	.0132804	.0017467
%RSD	2.036848	2.075625	.0296417	.8280868	28.57172	4.883625	.3197384
#1	5.369209	35.89878	.1659329	-.013468	1.126450	.2629239	.5443391
#2	5.166548	34.62943	.1659453	-.013248	.764738	.2871891	.5467475
#3	5.208904	34.64755	.1660236	-.013383	.663656	.2657018	.5477347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.57492	4.476352	.1859579	-.000412	.8465758	6.854382	.0060588
Stddev	.41923	.012578	.0050519	.000249	.0062176	.117957	.0033749
%RSD	2.141691	.2809827	2.716701	60.51817	.7344451	1.720901	55.70139
#1	20.04129	4.482422	.1915523	-.000699	.8476977	6.980088	.0039766
#2	19.22934	4.461890	.1817292	-.000282	.8398736	6.746116	.0099526
#3	19.45414	4.484743	.1845923	-.000254	.8521561	6.836942	.0042472

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4590-02DLX2 Acquired: 11/14/2024 18:57:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.368695	.0521134	.1229964
Stddev	.030192	.0025517	.0025105
%RSD	2.205916	4.896497	2.041084
#1	1.403543	.0548517	.1258952
#2	1.350389	.0498020	.1215343
#3	1.352153	.0516866	.1215597

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	927.3283	23471.80	2206.333	816.3820	1616.990
Stddev	2.3690	51.73	38.004	4.1276	3.891
%RSD	.2554622	.2203844	1.722509	.5055939	.2406049
#1	930.0636	23528.47	2164.418	820.9250	1621.341
#2	925.9813	23459.79	2238.546	815.3585	1615.779
#3	925.9399	23427.13	2216.035	812.8624	1613.848

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4590-01LDLX10 Acquired: 11/14/2024 19:01:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280378	-.005982	.0285531	-.000688	.0002336	12.54551	.1570113
Stddev	.0063511	.002676	.0022614	.004919	.0014494	.06568	.0004539
%RSD	22.65208	44.74028	7.919861	715.0234	620.3487	.5235211	.2890564
#1	.0340185	-.006716	.0303775	-.002547	.0016899	12.48552	.1575230
#2	.0213718	-.003015	.0292586	.004890	.0002198	12.61569	.1566575
#3	.0287233	-.008215	.0260230	-.004407	-.001209	12.53534	.1568534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004155	.0003348	4.032195	.0342629	.0169113	.0957773	34.75025
Stddev	.0000824	.0001264	.017571	.0002676	.0005419	.0045437	.18644
%RSD	19.83495	37.75477	.4357657	.7810295	3.204177	4.744050	.5365125
#1	.0004087	.0004385	4.014844	.0343347	.0165012	.0960994	34.59121
#2	.0005010	.0003720	4.049978	.0344872	.0175256	.1001514	34.70410
#3	.0003367	.0001940	4.031763	.0339667	.0167071	.0910811	34.95543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9619116	6.702679	.0297647	-.001569	.2278153	.0344841	.1030886
Stddev	.0061512	.063614	.0002406	.000335	.0775373	.0061101	.0007162
%RSD	.6394770	.9490847	.8082679	21.36196	34.03515	17.71868	.6946906
#1	.9557583	6.629299	.0297583	-.001434	.1387967	.0342973	.1022749
#2	.9680607	6.742238	.0300084	-.001951	.2640299	.0406855	.1033678
#3	.9619158	6.736501	.0295274	-.001323	.2806192	.0284695	.1036230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.614386	.8267042	.0356857	-.000367	.1423096	1.484324	.0011744
Stddev	.066614	.0082289	.0011324	.000201	.0077748	.010383	.0019742
%RSD	1.843032	.9953839	3.173242	54.69988	5.463268	.6995123	168.1013
#1	3.551307	.8272744	.0343782	-.000564	.1350417	1.476062	-.000601
#2	3.607805	.8182050	.0363224	-.000373	.1413795	1.495979	.000824
#3	3.684047	.8346331	.0363563	-.000163	.1505075	1.480930	.003300

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4590-01LDLX10 Acquired: 11/14/2024 19:01:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2690818	.0099236	.0225505
Stddev	.0005593	.0015270	.0001874
%RSD	.2078472	15.38726	.8309502
#1	.2694572	.0116038	.0223819
#2	.2684390	.0086205	.0227523
#3	.2693491	.0095465	.0225174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	906.2173	22745.75	2099.006	799.3503	1699.549
Stddev	2.2498	45.87	9.337	2.5568	3.534
%RSD	.2482618	.2016592	.4448230	.3198617	.2079311
#1	904.1452	22699.13	2105.461	801.3589	1697.839
#2	905.8964	22790.83	2088.300	800.2199	1697.196
#3	908.6103	22747.29	2103.257	796.4721	1703.613

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4590-03DLX2 Acquired: 11/14/2024 19:06:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1700575	.0747840	.1814917	.1670231	.1680518	63.23502	4.618262
Stddev	.0175446	.0017468	.0017900	.0058214	.0023375	.16645	.019045
%RSD	10.31684	2.335802	.9862696	3.485375	1.390955	.2632193	.4123933
#1	.1584736	.0765040	.1824323	.1684777	.1677474	63.25249	4.626291
#2	.1614559	.0748364	.1794275	.1606124	.1658814	63.39205	4.631979
#3	.1902429	.0730115	.1826152	.1719793	.1705267	63.06053	4.596517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0986663	.0984838	18.80064	.5814491	1.054715	.8959977	164.5714
Stddev	.0001652	.0002645	.08458	.0032772	.000912	.0103917	.4932
%RSD	.1674084	.2685901	.4498892	.5636339	.0864707	1.159785	.2996574
#1	.0985203	.0986673	18.75192	.5780074	1.055018	.8968851	164.6887
#2	.0986330	.0986035	18.89831	.5818073	1.053690	.9059173	164.9953
#3	.0988456	.0981806	18.75170	.5845325	1.055438	.8851909	164.0302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.479988	31.89223	1.126187	.0793130	.9296823	1.221596	1.308565
Stddev	.019597	.27758	.002017	.0009761	.4573010	.016150	.002687
%RSD	.3576073	.8703750	.1790674	1.230741	49.18895	1.322006	.2053610
#1	5.478721	32.10387	1.125642	.0783863	.5740075	1.236595	1.311489
#2	5.500188	31.99487	1.124499	.0792207	.7695172	1.223693	1.308004
#3	5.461056	31.57794	1.128420	.0803320	1.445522	1.204501	1.306203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.46470	4.186943	.1739473	-.000587	.7588008	6.807738	.0041871
Stddev	.12758	.022885	.0009426	.000283	.0162452	.005019	.0015133
%RSD	.7305220	.5465760	.5418703	48.15105	2.140900	.0737239	36.14237
#1	17.33364	4.198123	.1733565	-.000606	.7552731	6.807517	.0044303
#2	17.58849	4.202089	.1750343	-.000859	.7765200	6.802833	.0055641
#3	17.47198	4.160617	.1734511	-.000295	.7446094	6.812863	.0025669

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4590-03DLX2 Acquired: 11/14/2024 19:06:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.290258	.0448303	.1077459
Stddev	.003796	.0019153	.0003428
%RSD	.2941728	4.272263	.3181864
#1	1.289254	.0426625	.1076626
#2	1.294454	.0455354	.1081227
#3	1.287065	.0462931	.1074524

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	919.1100	23459.03	2198.478	811.3172	1624.467
Stddev	.9151	43.73	1.435	2.3782	.351
%RSD	.0995616	.1864176	.0652862	.2931313	.0216017
#1	918.8084	23456.41	2196.853	808.6898	1624.829
#2	920.1378	23504.02	2199.572	811.9390	1624.446
#3	918.3837	23416.67	2199.008	813.3227	1624.128

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4591-01DLX2 Acquired: 11/14/2024 19:10:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1209059	-.026285	.0939959	.0030575	.0055566	82.95617	1.025908
Stddev	.0091897	.006231	.0055892	.0014065	.0033970	.08385	.002076
%RSD	7.600674	23.70560	5.946230	46.00167	61.13538	.1010779	.2023302
#1	.1268254	-.022613	.0993331	.0024914	.0017851	82.86330	1.026114
#2	.1103193	-.033480	.0944699	.0020222	.0065087	83.02631	1.027873
#3	.1255731	-.022763	.0881848	.0046588	.0083760	82.97890	1.023737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022432	-.000266	42.40942	.2231461	.1088681	.2630397	194.4477
Stddev	.0002442	.000128	.03943	.0003674	.0006328	.0048508	.1134
%RSD	10.88406	48.02997	.0929641	.1646320	.5812366	1.844124	.0583035
#1	.0025122	-.000414	42.37284	.2229172	.1095823	.2584021	194.3168
#2	.0020356	-.000181	42.40424	.2235699	.1086445	.2626383	194.5158
#3	.0021819	-.000205	42.45118	.2229513	.1083775	.2680787	194.5105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.474193	42.68426	.2126419	-.014242	.9798084	.2961441	.3751444
Stddev	.009918	.16594	.0005820	.000364	.2286388	.0077861	.0028340
%RSD	.1811835	.3887532	.2736795	2.552741	23.33505	2.629149	.7554384
#1	5.470674	42.52509	.2119704	-.013927	.7160039	.3009046	.3727208
#2	5.485391	42.67148	.2129553	-.014640	1.102705	.3003689	.3744520
#3	5.466514	42.85622	.2130000	-.014159	1.120716	.2871588	.3782604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.35464	3.646461	.2099257	-.001619	.6834901	6.705650	.0061172
Stddev	.02390	.005825	.0019477	.000318	.0081666	.020476	.0042924
%RSD	.1934095	.1597349	.9277979	19.62952	1.194845	.3053539	70.17048
#1	12.34319	3.652245	.2076876	-.001934	.6904042	6.682011	.0035771
#2	12.33862	3.646540	.2108535	-.001299	.6855865	6.717046	.0110732
#3	12.38211	3.640597	.2112360	-.001624	.6744796	6.717892	.0037012

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4591-01DLX2 Acquired: 11/14/2024 19:10:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.311594	.0679243	.1668892
Stddev	.008391	.0013604	.0003580
%RSD	.6397645	2.002796	.2145398
#1	1.303840	.0686651	.1665455
#2	1.320503	.0663543	.1672600
#3	1.310439	.0687535	.1668620

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	922.1705	23470.67	2217.134	814.3172	1596.967
Stddev	1.4412	84.95	3.146	2.3674	2.926
%RSD	.1562884	.3619427	.1418856	.2907229	.1832209
#1	922.6503	23376.57	2220.000	816.0269	1593.725
#2	923.3107	23541.72	2213.768	815.3097	1599.412
#3	920.5506	23493.71	2217.634	811.6151	1597.764

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4591-02DLX2 Acquired: 11/14/2024 19:15:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1093700	-.022088	.1008212	-.002640	.0037157	76.95821	2.066263
Stddev	.0035123	.002955	.0030552	.003920	.0028811	.38237	.010664
%RSD	3.211403	13.38061	3.030337	148.4920	77.53831	.4968534	.5160988
#1	.1060288	-.023618	.0982185	-.006219	.0034978	77.09996	2.067328
#2	.1130314	-.023965	.1041851	.001549	.0009497	77.24945	2.076354
#3	.1090497	-.018681	.1000602	-.003249	.0066995	76.52520	2.055106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022226	.0000214	32.67449	.1746925	.1337114	.2615685	193.2421
Stddev	.0002209	.0000566	.15958	.0014952	.0011120	.0020279	1.3670
%RSD	9.939069	264.7329	.4883968	.8558802	.8316537	.7752925	.7074232
#1	.0020066	.0000302	32.68628	.1758409	.1330641	.2638373	193.4913
#2	.0024481	-.000039	32.82784	.1752346	.1330746	.2609363	194.4675
#3	.0022130	.000073	32.50934	.1730019	.1349954	.2599321	191.7677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.155192	39.02083	.1815939	-.014973	.9009672	.2952412	.3953954
Stddev	.039798	.27030	.0002552	.000366	.1490073	.0102438	.0011502
%RSD	.4347006	.6927046	.1405277	2.447662	16.53859	3.469640	.2909032
#1	9.180487	39.12694	.1813403	-.015384	.7290916	.2911199	.3945293
#2	9.175771	39.22197	.1815905	-.014679	.9800319	.2876999	.3967005
#3	9.109319	38.71358	.1818507	-.014857	.9937781	.3069037	.3949565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.73631	3.675209	.2087805	-.000903	.7067328	8.210924	.0054671
Stddev	.05513	.020369	.0018795	.000789	.0051487	.039944	.0012591
%RSD	.4697621	.5542156	.9002451	87.44834	.7285220	.4864783	23.03135
#1	11.67963	3.652207	.2109254	-.001280	.7031205	8.221490	.0068152
#2	11.78976	3.690960	.2074212	.000005	.7126283	8.244524	.0052648
#3	11.73956	3.682460	.2079950	-.001433	.7044496	8.166759	.0043214

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4591-02DLX2 Acquired: 11/14/2024 19:15:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.089110	.0612799	.1540894
Stddev	.007027	.0013231	.0006814
%RSD	.6452168	2.159156	.4422255
#1	1.093968	.0622290	.1545638
#2	1.092310	.0597685	.1543958
#3	1.081053	.0618423	.1533085

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	934.3970	23593.47	2236.062	824.5187	1617.211
Stddev	1.8951	92.27	10.021	3.6522	3.041
%RSD	.2028132	.3911014	.4481451	.4429546	.1880194
#1	936.4628	23617.31	2232.453	828.2750	1620.457
#2	933.9893	23491.62	2228.346	820.9803	1614.430
#3	932.7390	23671.49	2247.387	824.3007	1616.745

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4591-01LDLX10 Acquired: 11/14/2024 19:19:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368055	-.010207	.0175994	.0011070	.0014803	17.22103	.2121218
Stddev	.0024314	.001721	.0027937	.0024136	.0006249	.04676	.0007615
%RSD	6.606187	16.86265	15.87400	218.0267	42.21700	.2715062	.3589759
#1	.0348454	-.008532	.0179597	-.001424	.0007911	17.25043	.2116381
#2	.0395264	-.011971	.0201955	.003383	.0016397	17.24555	.2129995
#3	.0360447	-.010118	.0146430	.001362	.0020102	17.16712	.2117277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004455	-.000090	8.898734	.0458739	.0211892	.0519244	41.04643
Stddev	.0001101	.000164	.020709	.0013841	.0003999	.0017481	.26372
%RSD	24.70353	183.5461	.2327187	3.017225	1.887086	3.366646	.6424853
#1	.0004064	.000096	8.897594	.0448085	.0207492	.0535594	40.83244
#2	.0003604	-.000148	8.919990	.0474383	.0215304	.0521322	41.34105
#3	.0005698	-.000217	8.878619	.0453748	.0212880	.0500817	40.96580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.151980	8.830626	.0420533	-.003626	.1362258	.0518937	.0801353
Stddev	.010012	.080952	.0005666	.000597	.1156606	.0096969	.0017023
%RSD	.8691481	.9167174	1.347434	16.46686	84.90359	18.68600	2.124268
#1	1.141064	8.843161	.0414348	-.004254	.0031109	.0575930	.0784454
#2	1.154140	8.904579	.0421775	-.003065	.1934187	.0406974	.0818497
#3	1.160737	8.744138	.0425475	-.003558	.2121478	.0573908	.0801107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.476911	.7235232	.0426408	-.000840	.1369162	1.432768	-.001299
Stddev	.082557	.0055518	.0003327	.000766	.0039370	.004422	.000416
%RSD	3.333047	.7673315	.7802155	91.20810	2.875505	.3086344	32.01582
#1	2.383469	.7177317	.0427310	-.001391	.1384310	1.427692	-.001693
#2	2.507288	.7240386	.0422723	-.001163	.1324468	1.434825	-.000864
#3	2.539975	.7287994	.0429191	.000035	.1398709	1.435787	-.001342

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4591-01LDLX10 Acquired: 11/14/2024 19:19:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2728190	.0139141	.0346710
Stddev	.0014287	.0013841	.0001048
%RSD	.5236980	9.947143	.3023879
#1	.2711694	.0130092	.0346931
#2	.2736184	.0132257	.0347631
#3	.2736690	.0155074	.0345569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.4083	22935.19	2139.312	805.5712	1689.389
Stddev	5.4790	146.04	4.701	8.8971	9.227
%RSD	.6011618	.6367540	.2197652	1.104444	.5461667
#1	917.1468	23102.69	2144.196	814.7437	1698.537
#2	910.8462	22834.53	2134.818	796.9779	1689.544
#3	906.2320	22868.36	2138.921	804.9920	1680.085

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4591-03DLX2 Acquired: 11/14/2024 19:23:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1930089	.0662848	.1317828	.1667806	.1635134	85.86042	4.916639
Stddev	.0048595	.0061406	.0023431	.0017066	.0038470	.10771	.016518
%RSD	2.517732	9.264024	1.778026	1.023285	2.352701	.1254445	.3359653
#1	.1985764	.0730971	.1344430	.1670799	.1643382	85.89239	4.929896
#2	.1908298	.0611752	.1300252	.1649442	.1593209	85.74035	4.898134
#3	.1896203	.0645820	.1308803	.1683179	.1668811	85.94853	4.921886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972471	.0979241	42.13565	.6345176	1.083219	.7078603	194.6360
Stddev	.0007338	.0002893	.16996	.0029268	.000265	.0036726	.3823
%RSD	.7546152	.2954690	.4033610	.4612667	.0245070	.5188266	.1964405
#1	.0975730	.0980591	42.24531	.6335740	1.083327	.7101037	194.9671
#2	.0964068	.0981212	41.93987	.6321790	1.083414	.7036220	194.2175
#3	.0977616	.0975919	42.22177	.6377998	1.082917	.7098553	194.7235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.386068	42.05340	1.198183	.0773079	.9261177	1.299980	1.197042
Stddev	.021297	.26389	.001277	.0012856	.1882565	.020124	.003095
%RSD	.3334948	.6275135	.1065535	1.662948	20.32749	1.548023	.2585726
#1	6.383802	41.89851	1.197018	.0761471	.8537524	1.317183	1.196883
#2	6.365995	41.90359	1.197984	.0770868	.7847814	1.277850	1.200214
#3	6.408408	42.35810	1.199548	.0786897	1.139819	1.304907	1.194030

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.15621	3.626723	.2057663	-.001100	.7100751	6.600249	.0032347
Stddev	.10691	.010366	.0000967	.000144	.0106499	.034883	.0011536
%RSD	.8794361	.2858205	.0469858	13.12814	1.499833	.5285096	35.66351
#1	12.26009	3.638348	.2057135	-.000947	.6982105	6.636353	.0019266
#2	12.04651	3.623380	.2058779	-.001120	.7188085	6.566732	.0036706
#3	12.16203	3.618442	.2057074	-.001233	.7132061	6.597663	.0041068

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4591-03DLX2 Acquired: 11/14/2024 19:23:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.296108	.0653017	.1663288
Stddev	.010119	.0001689	.0001574
%RSD	.7807129	.2586522	.0946338
#1	1.305976	.0651737	.1661610
#2	1.296592	.0654931	.1663523
#3	1.285756	.0652382	.1664732

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	919.2650	23384.47	2234.694	808.9026	1589.975
Stddev	2.8574	117.77	6.552	2.3848	.794
%RSD	.3108309	.5036051	.2932035	.2948164	.0499666
#1	916.1517	23461.57	2229.277	809.6642	1589.877
#2	921.7676	23442.92	2241.976	806.2300	1589.235
#3	919.8759	23248.91	2232.828	810.8135	1590.814

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-14DLX2 Acquired: 11/14/2024 19:28:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE587 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2341474	-.043838	.1576699	.0002921	.0036074	102.7096	1.165212
Stddev	.0083750	.004763	.0046233	.0012953	.0038862	.2898	.002741
%RSD	3.576807	10.86550	2.932280	443.4938	107.7300	.2821263	.2352209
#1	.2246424	-.043607	.1541335	.0010627	.0080585	102.4955	1.163174
#2	.2404431	-.039194	.1559747	.0010169	.0008888	102.5940	1.164134
#3	.2373567	-.048712	.1629016	-.001203	.0018747	103.0394	1.168327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030824	.0013518	48.16458	.2771506	.1518817	.3363257	266.1163
Stddev	.0000957	.0002942	.12792	.0027118	.0014104	.0071366	1.1551
%RSD	3.106271	21.76137	.2655869	.9784546	.9285863	2.121929	.4340454
#1	.0031437	.0016895	48.08199	.2774323	.1503870	.3289966	265.5979
#2	.0029721	.0012147	48.09982	.2743090	.1531890	.3367277	265.3112
#3	.0031314	.0011512	48.31193	.2797106	.1520689	.3432528	267.4397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.175705	53.89388	.2875065	-.018633	1.319189	.5720606	.4864012
Stddev	.058810	.45986	.0017722	.000298	.057021	.0094878	.0027605
%RSD	.7193312	.8532657	.6164082	1.601919	4.322449	1.658529	.5675323
#1	8.183053	53.68530	.2857742	-.018665	1.273591	.5726009	.4838566
#2	8.113566	53.57527	.2893161	-.018320	1.383123	.5623142	.4860110
#3	8.230496	54.42106	.2874292	-.018914	1.300854	.5812667	.4893361

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.08786	4.914387	.2783514	-.002489	.8639508	7.407299	.0140077
Stddev	.13638	.036044	.0028881	.000846	.0149908	.037425	.0017254
%RSD	.7144738	.7334337	1.037580	33.98600	1.735147	.5052452	12.31758
#1	19.08003	4.875819	.2761304	-.001644	.8627968	7.415469	.0159231
#2	18.95556	4.947219	.2773074	-.003336	.8794853	7.366464	.0135250
#3	19.22798	4.920122	.2816163	-.002487	.8495703	7.439964	.0125751

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-14DLX2 Acquired: 11/14/2024 19:28:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE587 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.157106	.0866512	.1663049
Stddev	.009217	.0022071	.0003710
%RSD	.4272986	2.547092	.2230598
#1	2.146541	.0881287	.1664421
#2	2.161276	.0877108	.1658849
#3	2.163501	.0841141	.1665878

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	923.7222	23590.81	2236.413	818.8825	1572.142
Stddev	7.0638	43.94	10.673	4.1722	11.318
%RSD	.7647092	.1862654	.4772453	.5095015	.7199189
#1	925.1847	23540.67	2237.143	821.9055	1575.418
#2	916.0417	23622.59	2246.702	820.6196	1559.547
#3	929.9403	23609.18	2225.394	814.1224	1581.461

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-15DLX2 Acquired: 11/14/2024 19:32:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE588 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3063483	-.048110	.1901099	.0032700	.0063149	136.1303	1.401696
Stddev	.0011024	.004051	.0045350	.0055317	.0033012	.5753	.006015
%RSD	.3598348	8.421112	2.385462	169.1624	52.27678	.4226399	.4291399
#1	.3050947	-.044321	.1888099	.0084542	.0027712	135.4787	1.394826
#2	.3067838	-.052381	.1863668	-.002554	.0068701	136.5683	1.406016
#3	.3071664	-.047628	.1951529	.003909	.0093032	136.3439	1.404246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038864	.0012657	30.62085	.3995038	.2011867	.4884320	331.8209
Stddev	.0002070	.0002489	.08103	.0011653	.0002887	.0050870	1.2787
%RSD	5.326863	19.66659	.2646144	.2916844	.1434866	1.041505	.3853485
#1	.0039647	.0009911	30.54651	.3997870	.2012044	.4838035	330.4015
#2	.0036516	.0014765	30.70722	.3982230	.2014661	.4876139	332.8828
#3	.0040429	.0013294	30.60881	.4005013	.2008895	.4938785	332.1782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45472	69.78130	.3875302	-.025138	1.411067	.6886899	.5784964
Stddev	.04528	.39531	.0011896	.000594	.119120	.0065088	.0023164
%RSD	.4331278	.5664948	.3069743	2.363602	8.441822	.9450980	.4004170
#1	10.41540	69.34012	.3861580	-.024606	1.517625	.6930896	.5766560
#2	10.50423	69.90049	.3882704	-.025779	1.282465	.6812130	.5777358
#3	10.44454	70.10331	.3881621	-.025029	1.433111	.6917670	.5810975

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.87164	5.290644	.3389765	-.002109	.6067037	6.982928	.0155667
Stddev	.02322	.023063	.0014088	.000415	.0090708	.040339	.0010989
%RSD	.0933674	.4359139	.4156047	19.68944	1.495087	.5776844	7.059213
#1	24.85741	5.265739	.3376075	-.002153	.5993404	6.936562	.0161855
#2	24.89844	5.311262	.3404220	-.002500	.6039344	7.009977	.0142979
#3	24.85908	5.294930	.3389001	-.001673	.6168363	7.002243	.0162165

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-15DLX2 Acquired: 11/14/2024 19:32:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE588 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.721493	.1064200	.1895770
Stddev	.013005	.0015549	.0007618
%RSD	.4778486	1.461066	.4018260
#1	2.706484	.1051042	.1886974
#2	2.729405	.1081358	.1900236
#3	2.728591	.1060199	.1900099

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	941.6206	23952.26	2273.516	833.5114	1565.324
Stddev	2.1221	51.64	10.132	.8549	2.899
%RSD	.2253696	.2156162	.4456519	.1025668	.1852105
#1	940.1942	23947.13	2280.618	833.3583	1566.270
#2	944.0594	23903.38	2261.913	832.7433	1567.631
#3	940.6084	24006.28	2278.016	834.4325	1562.070

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-16DLX2 Acquired: 11/14/2024 19:37:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE589 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2485599	-.061826	.2099674	-.005079	.0066669	138.0740	1.704508
Stddev	.0147813	.004552	.0054387	.006144	.0031101	.2756	.006953
%RSD	5.946759	7.362783	2.590267	120.9628	46.65016	.1996272	.4079405
#1	.2512138	-.059868	.2153923	-.008607	.0101821	137.9447	1.702691
#2	.2326315	-.067030	.2045150	.002015	.0042730	137.8868	1.698643
#3	.2618345	-.058581	.2099950	-.008645	.0055454	138.3905	1.712189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021539	.0014099	25.44506	.5100617	.2769832	.5168407	487.5995
Stddev	.0000986	.0000262	.12878	.0094085	.0008245	.0022255	.8572
%RSD	4.578328	1.859315	.5060917	1.844570	.2976821	.4305969	.1758042
#1	.0020475	.0013971	25.33578	.5012180	.2772217	.5148482	487.2717
#2	.0022422	.0014401	25.41235	.5199481	.2760657	.5164315	486.9545
#3	.0021720	.0013926	25.58703	.5090190	.2776622	.5192424	488.5722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.19885	88.11472	.4025938	-.037837	2.054057	.9884757	.7488422
Stddev	.07325	.16414	.0007472	.001468	.349427	.0179617	.0127186
%RSD	.3299720	.1862755	.1856027	3.878553	17.01157	1.817114	1.698431
#1	22.15462	88.01064	.4020840	-.039072	1.922645	1.006658	.7342453
#2	22.15853	88.30393	.4034515	-.036215	2.450139	.970743	.7575402
#3	22.28340	88.02959	.4022458	-.038225	1.789389	.988026	.7547411

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.89968	5.581371	.4837981	-.002978	.7343153	6.030252	.0173202
Stddev	.07871	.020548	.0015111	.000836	.0001389	.055210	.0004587
%RSD	.3293240	.3681594	.3123347	28.08961	.0189184	.9155561	2.648138
#1	23.82075	5.558778	.4835090	-.003673	.7343658	5.966635	.0168092
#2	23.97817	5.598945	.4824525	-.002049	.7341582	6.058475	.0174555
#3	23.90011	5.586391	.4854328	-.003210	.7344219	6.065645	.0176961

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-16DLX2 Acquired: 11/14/2024 19:37:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE589 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.413002	.1187405	.2136325
Stddev	.005281	.0010884	.0002858
%RSD	.2188493	.9165873	.1337934
#1	2.417969	.1175354	.2133307
#2	2.407456	.1190344	.2138990
#3	2.413582	.1196518	.2136679

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.7512	23804.38	2260.540	824.4941	1556.222
Stddev	3.3412	296.13	5.971	8.5684	1.469
%RSD	.3609145	1.244029	.2641241	1.039231	.0943642
#1	922.2451	24085.36	2266.900	834.3881	1554.932
#2	926.1099	23495.13	2259.666	819.5444	1557.820
#3	928.8985	23832.66	2255.055	819.5500	1555.914

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-17DLX2 Acquired: 11/14/2024 19:41:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE590 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3344864	-.053754	.2063793	-.005481	.0105988	125.2412	1.375816
Stddev	.0146598	.007601	.0030516	.005292	.0019032	1.0370	.012065
%RSD	4.382790	14.13976	1.478640	96.55382	17.95708	.8279728	.8769546
#1	.3346803	-.047309	.2028750	-.004657	.0089715	125.2657	1.374875
#2	.3490483	-.062136	.2078115	-.000649	.0101334	124.1923	1.364249
#3	.3197305	-.051819	.2084514	-.011137	.0126916	126.2658	1.388324

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036027	.0019376	36.33184	.3642312	.2133260	.4852995	356.0277
Stddev	.0001852	.0003254	.31036	.0021365	.0003937	.0046163	3.1507
%RSD	5.141331	16.79182	.8542410	.5865769	.1845544	.9512249	.8849671
#1	.0038109	.0015647	36.38715	.3635096	.2130341	.4823222	356.2870
#2	.0034561	.0021640	35.99754	.3666351	.2131702	.4829591	352.7554
#3	.0035412	.0020841	36.61082	.3625490	.2137738	.4906173	359.0408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.20999	72.19033	.3880691	-.027399	1.536550	.7849618	.5976752
Stddev	.08466	.46617	.0015629	.000290	.239802	.0166923	.0018790
%RSD	.7552552	.6457519	.4027260	1.058404	15.60653	2.126515	.3143848
#1	11.22175	71.97975	.3872893	-.027661	1.420087	.7793742	.5955178
#2	11.12007	71.86660	.3870495	-.027087	1.812341	.7717800	.5985547
#3	11.28817	72.72464	.3898684	-.027450	1.377221	.8037311	.5989532

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.67928	5.735915	.3608446	-.001767	1.075321	7.234995	.0146907
Stddev	.14337	.014563	.0057902	.000633	.006256	.041587	.0034032
%RSD	.5809414	.2538827	1.604630	35.85513	.5817456	.5748093	23.16551
#1	24.67889	5.748667	.3632472	-.002325	1.081464	7.230915	.0123045
#2	24.53610	5.720046	.3542399	-.001079	1.068959	7.195598	.0131798
#3	24.82284	5.739031	.3650468	-.001896	1.075539	7.278472	.0185877

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-17DLX2 Acquired: 11/14/2024 19:41:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE590 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.454073	.1013354	.1734800
Stddev	.014628	.0010804	.0017134
%RSD	.5960615	1.066134	.9876788
#1	2.454415	.1024727	.1734360
#2	2.439277	.1003228	.1717890
#3	2.468527	.1012108	.1752150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	933.3333	23882.07	2277.241	828.8752	1561.042
Stddev	1.7136	72.96	11.454	2.0336	.744
%RSD	.1836032	.3055044	.5029597	.2453438	.0476823
#1	931.3934	23962.12	2272.399	830.7505	1560.183
#2	934.6411	23864.80	2290.320	826.7136	1561.443
#3	933.9655	23819.29	2269.004	829.1617	1561.499

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-18DLX2 Acquired: 11/14/2024 19:46:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE591 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2391479	-.039664	.2857389	-.006103	.0094877	110.1664	1.815163
Stddev	.0289755	.002215	.0010718	.005632	.0017394	.0858	.005028
%RSD	12.11614	5.585565	.3751117	92.28160	18.33260	.0778672	.2770171
#1	.2483736	-.037182	.2869441	-.012157	.0075132	110.1644	1.818811
#2	.2623872	-.040366	.2853799	-.001019	.0101571	110.2531	1.817252
#3	.2066828	-.041442	.2848926	-.005132	.0107930	110.0816	1.809428

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037486	.0044058	26.72038	.2882091	.1999247	.7115153	307.1389
Stddev	.0001446	.0001211	.13631	.0014650	.0007878	.0046422	.6651
%RSD	3.858748	2.747757	.5101533	.5082959	.3940444	.6524398	.2165468
#1	.0038605	.0042880	26.74977	.2868106	.2008289	.7066388	306.7552
#2	.0035853	.0043996	26.83960	.2897325	.1995581	.7120262	306.7546
#3	.0038001	.0045298	26.57177	.2880840	.1993869	.7158810	307.9069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.67092	59.21434	.3155252	-.023459	1.126195	.6735736	.7449849
Stddev	.04946	.14544	.0013450	.000261	.203106	.0081326	.0059541
%RSD	.3156041	.2456101	.4262825	1.113471	18.03469	1.207376	.7992292
#1	15.70665	59.34383	.3162912	-.023388	1.239778	.6771795	.7381169
#2	15.61447	59.05699	.3163122	-.023240	1.247100	.6792799	.7481438
#3	15.69163	59.24219	.3139721	-.023748	.891707	.6642616	.7486938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.16025	6.249476	.3173699	-.002526	1.322746	8.376076	.0143431
Stddev	.07010	.012276	.0001265	.000610	.015390	.039677	.0038814
%RSD	.2901321	.1964388	.0398508	24.14117	1.163465	.4736962	27.06094
#1	24.10104	6.260440	.3174741	-.003173	1.305378	8.401561	.0185943
#2	24.23765	6.251774	.3172292	-.002443	1.328173	8.330361	.0109884
#3	24.14208	6.236213	.3174064	-.001962	1.334687	8.396305	.0134466

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-18DLX2 Acquired: 11/14/2024 19:46:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE591 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.162189	.0948355	.1889832
Stddev	.007499	.0032904	.0006076
%RSD	.3468018	3.469641	.3215241
#1	2.153534	.0943703	.1883185
#2	2.166742	.0983338	.1895100
#3	2.166290	.0918025	.1891213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	937.6958	23838.25	2286.077	833.5387	1570.755
Stddev	1.4059	96.92	10.899	5.6234	2.278
%RSD	.1499365	.4065908	.4767390	.6746439	.1449989
#1	937.0612	23948.90	2285.215	839.6203	1569.065
#2	939.3071	23797.47	2297.381	832.4686	1569.853
#3	936.7189	23768.38	2275.635	828.5272	1573.345

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-19DLX2 Acquired: 11/14/2024 19:50:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE592 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3262553	-.051662	.3347409	.0079553	.0060758	130.1014	1.833155
Stddev	.0042847	.001805	.0042563	.0112530	.0029660	.3983	.005155
%RSD	1.313309	3.493678	1.271536	141.4536	48.81674	.3061623	.2812023
#1	.3311022	-.053746	.3376545	.0123464	.0051174	130.3734	1.838102
#2	.3246918	-.050648	.3367118	-.004831	.0094025	130.2866	1.833549
#3	.3229719	-.050592	.3298563	.016351	.0037075	129.6442	1.827815

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042423	.0045904	28.36623	.3290622	.2212403	.8165744	350.1958
Stddev	.0001559	.0004173	.02135	.0014818	.0004531	.0120861	1.3473
%RSD	3.675366	9.091055	.0752491	.4503163	.2047932	1.480093	.3847397
#1	.0040629	.0045981	28.35601	.3302900	.2214701	.8275441	351.2944
#2	.0043448	.0050039	28.39076	.3294804	.2215324	.8185609	350.6006
#3	.0043192	.0041693	28.35191	.3274162	.2207184	.8036181	348.6925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88487	69.47916	.3559182	-.026134	1.546859	.7629284	.8516134
Stddev	.06922	.39414	.0010066	.000165	.160538	.0144727	.0047740
%RSD	.4650158	.5672720	.2828289	.6324698	10.37832	1.896986	.5605793
#1	14.92498	69.76129	.3567962	-.025960	1.602202	.7750108	.8467954
#2	14.92469	69.64735	.3548195	-.026289	1.672405	.7668856	.8563421
#3	14.80495	69.02883	.3561388	-.026154	1.365971	.7468887	.8517028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.00019	6.227967	.3596609	-.002104	1.908256	8.438405	.0158462
Stddev	.12506	.002953	.0002361	.000497	.015373	.042504	.0029706
%RSD	.4466380	.0474157	.0656603	23.60996	.8056000	.5036920	18.74615
#1	28.13208	6.227240	.3596618	-.002564	1.916749	8.468300	.0151091
#2	27.98516	6.225445	.3598966	-.002169	1.890510	8.457165	.0191160
#3	27.88332	6.231215	.3594243	-.001577	1.917508	8.389749	.0133137

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-19DLX2 Acquired: 11/14/2024 19:50:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE592 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.459293	.1153037	.1902370
Stddev	.009258	.0024074	.0008502
%RSD	.3764635	2.087899	.4469217
#1	2.464837	.1172355	.1903531
#2	2.464437	.1160690	.1910233
#3	2.448605	.1126067	.1893348

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	939.9663	23872.64	2284.253	830.0106	1565.079
Stddev	1.7640	94.33	14.335	6.0686	1.362
%RSD	.1876673	.3951443	.6275606	.7311444	.0870027
#1	941.4730	23874.88	2272.615	835.1377	1566.169
#2	938.0259	23777.21	2279.878	823.3103	1565.514
#3	940.3999	23965.83	2300.266	831.5837	1563.552

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-20DLX2 Acquired: 11/14/2024 19:54:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE593 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3134566	-.051347	.1881165	-.001391	.0053520	146.3006	1.415706
Stddev	.0081986	.004243	.0062182	.010023	.0016765	.9207	.007750
%RSD	2.615553	8.262580	3.305498	720.2818	31.32474	.6293032	.5474000
#1	.3112955	-.048615	.1952963	-.012290	.0038089	146.2345	1.418950
#2	.3225192	-.056235	.1845861	.000685	.0051112	147.2526	1.421306
#3	.3065549	-.049192	.1844670	.007430	.0071358	145.4148	1.406861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041254	.0010481	33.95291	.4012110	.2198758	.4738711	379.5615
Stddev	.0002060	.0001522	.22194	.0012386	.0018791	.0013666	2.7631
%RSD	4.992521	14.51682	.6536748	.3087071	.8546372	.2883869	.7279608
#1	.0043197	.0011784	34.16318	.4011777	.2215599	.4754423	379.1343
#2	.0039095	.0010850	33.97465	.4024658	.2202188	.4732118	382.5133
#3	.0041471	.0008809	33.72090	.3999893	.2178489	.4729592	377.0369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34097	74.42563	.4037890	-.029139	1.749421	.7732560	.6188579
Stddev	.05988	.41669	.0045125	.000483	.237785	.0211812	.0047472
%RSD	.5790280	.5598745	1.117537	1.656490	13.59219	2.739228	.7670944
#1	10.37174	74.38004	.4050299	-.029099	1.630817	.7895064	.6137839
#2	10.37920	74.86324	.4075513	-.029641	2.023179	.7809608	.6195985
#3	10.27196	74.03361	.3987859	-.028678	1.594267	.7493008	.6231913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.35334	6.298966	.3915731	-.001502	.9935962	7.141838	.0169897
Stddev	.29042	.041209	.0026077	.000516	.0049887	.075811	.0008826
%RSD	.9893803	.6542227	.6659428	34.37389	.5020865	1.061509	5.194721
#1	29.39810	6.328602	.3909775	-.001991	.9980639	7.105782	.0171271
#2	29.61878	6.316389	.3944271	-.001553	.9882132	7.228948	.0177955
#3	29.04314	6.251907	.3893148	-.000962	.9945114	7.090783	.0160465

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-20DLX2 Acquired: 11/14/2024 19:54:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE593 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.051857	.1148832	.1961483
Stddev	.016883	.0014245	.0017573
%RSD	.5532030	1.239965	.8959114
#1	3.056714	.1146712	.1958686
#2	3.065779	.1164018	.1980287
#3	3.033078	.1135766	.1945476

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	942.1026	23932.79	2282.688	830.2115	1565.982
Stddev	5.2122	49.31	15.534	4.4154	9.465
%RSD	.5532538	.2060323	.6805140	.5318454	.6044262
#1	938.3658	23876.20	2283.885	834.8864	1559.722
#2	939.8852	23966.50	2266.591	829.6363	1561.355
#3	948.0569	23955.66	2297.589	826.1119	1576.871

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-21DLX2 Acquired: 11/14/2024 19:59:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE594 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2478834	-.042306	.1684703	-.011645	.0050442	128.0213	2.064375
Stddev	.0179320	.005971	.0027227	.003819	.0004158	.2276	.001058
%RSD	7.234029	14.11454	1.616161	32.79914	8.242847	.1777799	.0512405
#1	.2493332	-.048960	.1715666	-.014060	.0049282	127.7775	2.064232
#2	.2650465	-.037414	.1673949	-.007242	.0055057	128.0584	2.065497
#3	.2292706	-.040544	.1664495	-.013634	.0046988	128.2281	2.063396

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031456	.0010469	44.44229	.3402381	.1926755	.3857013	319.1501
Stddev	.0001342	.0002646	.02109	.0007171	.0010524	.0037627	.2151
%RSD	4.267070	25.27778	.0474463	.2107567	.5462172	.9755482	.0674016
#1	.0030181	.0012870	44.46504	.3394178	.1932490	.3813651	319.3463
#2	.0032856	.0010906	44.42341	.3407456	.1914609	.3881061	318.9201
#3	.0031332	.0007631	44.43843	.3405510	.1933167	.3876327	319.1838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.27189	70.63301	.3437061	-.023758	1.333159	.6855482	.5480747
Stddev	.04082	.01069	.0003655	.000493	.015714	.0112454	.0020391
%RSD	.2117954	.0151374	.1063455	2.077128	1.178691	1.640355	.3720506
#1	19.23416	70.62566	.3437265	-.023484	1.329942	.6980204	.5459550
#2	19.31521	70.64527	.3440610	-.023462	1.350233	.6761829	.5500223
#3	19.26628	70.62809	.3433308	-.024327	1.319303	.6824413	.5482467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.81397	5.200617	.3248897	-.003980	.8175256	8.052672	.0136637
Stddev	.11599	.004702	.0012804	.000163	.0110900	.011084	.0053901
%RSD	.5084203	.0904194	.3941040	4.096281	1.356537	.1376475	39.44865
#1	22.68504	5.195502	.3234132	-.003861	.8210223	8.039960	.0077712
#2	22.84704	5.201596	.3256951	-.003912	.8264459	8.060320	.0183456
#3	22.90984	5.204752	.3255607	-.004166	.8051087	8.057735	.0148743

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-21DLX2 Acquired: 11/14/2024 19:59:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE594 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.438986	.1048940	.1943407
Stddev	.002859	.0005752	.0004133
%RSD	.1172122	.5483376	.2126861
#1	2.440586	.1046346	.1939158
#2	2.435686	.1055532	.1943648
#3	2.440687	.1044942	.1947414

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	930.3542	23652.30	2275.974	821.0949	1553.225
Stddev	.7428	95.68	5.528	2.2156	2.762
%RSD	.0798424	.4045203	.2428977	.2698386	.1778223
#1	930.3650	23637.86	2269.622	821.9304	1552.184
#2	929.6060	23564.66	2278.601	818.5830	1556.356
#3	931.0916	23754.37	2279.699	822.7712	1551.135

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-22DLX2 Acquired: 11/14/2024 20:03:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE595 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004958	-.042446	.0603251	-.001330	.0076353	129.3891	.1186084
Stddev	.010007	.005768	.0043982	.002999	.0026125	.7120	.0011035
%RSD	201.8464	13.58988	7.290879	225.5502	34.21541	.5502996	.9304076
#1	-.005405	-.048466	.0561279	-.001033	.0065902	130.1858	.1198825
#2	.005265	-.036968	.0649000	.001510	.0057072	129.1664	.1179870
#3	-.014733	-.041904	.0599473	-.004466	.0106086	128.8150	.1179557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001881	-.001133	37.55601	.6621569	.1601536	.5223954	246.5910
Stddev	.0002302	.000159	.20510	.0020366	.0005657	.0072255	1.2390
%RSD	122.4027	14.03707	.5461191	.3075767	.3532311	1.383146	.5024334
#1	.0003274	-.001178	37.74641	.6640667	.1596537	.5303150	247.8395
#2	-.000078	-.000956	37.58280	.6600136	.1600394	.5207087	246.5717
#3	.000315	-.001265	37.33884	.6623906	.1607677	.5161624	245.3618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.366094	114.5182	.5704824	-.015202	1.625662	.4817709	.2652716
Stddev	.019479	.6481	.0028849	.000244	.384697	.0082572	.0024763
%RSD	.5786722	.5659560	.5056884	1.608105	23.66404	1.713930	.9334882
#1	3.385656	115.1881	.5673736	-.015302	1.930020	.4847906	.2625756
#2	3.365927	114.4724	.5730731	-.015380	1.753691	.4880933	.2657947
#3	3.346699	113.8942	.5710005	-.014923	1.193275	.4724290	.2674446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.197135	1.642693	.2377408	-.002939	.2252636	7.331749	.0045169
Stddev	.051384	.007935	.0029159	.000416	.0101894	.043295	.0019528
%RSD	4.292243	.4830654	1.226497	14.14313	4.523339	.5905107	43.23412
#1	1.249805	1.640210	.2409108	-.002565	.2303740	7.381647	.0062098
#2	1.147141	1.651573	.2371384	-.002866	.2318866	7.309461	.0023804
#3	1.194457	1.636296	.2351731	-.003387	.2135303	7.304139	.0049605

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4572-22DLX2 Acquired: 11/14/2024 20:03:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE595 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.322246	.0701086	.0875946
Stddev	.030315	.0023438	.0004084
%RSD	.7013824	3.343142	.4662934
#1	4.355467	.0677294	.0880616
#2	4.315193	.0724154	.0874179
#3	4.296080	.0701809	.0873042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.9931	22674.19	2158.746	786.6811	1558.402
Stddev	2.1665	38.18	9.099	6.9709	2.014
%RSD	.2434278	.1683881	.4214869	.8861145	.1292504
#1	892.4739	22635.40	2149.420	794.3404	1560.533
#2	888.4734	22711.73	2167.600	784.9950	1558.144
#3	889.0319	22675.43	2159.216	780.7079	1556.529

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCV089 Acquired: 11/14/2024 20:08:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994361	4.856579	24.70193	4.800201	4.806311	404.1221	10.30243
Stddev	.012587	.041223	.14490	.039796	.016546	2.6255	.07287
%RSD	.2520171	.8487995	.5866102	.8290402	.3442471	.6496728	.7072965
#1	5.005701	4.879513	24.76129	4.829635	4.819694	403.5068	10.31363
#2	4.996562	4.881234	24.80773	4.816045	4.811426	407.0006	10.36906
#3	4.980818	4.808989	24.53677	4.754924	4.787812	401.8589	10.22462

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5093435	2.493690	409.3131	15.53541	2.507427	15.17758	413.8309
Stddev	.0027733	.015803	2.3851	.22157	.017614	.06883	2.6906
%RSD	.5444747	.6337231	.5827061	1.426216	.7024907	.4534906	.6501644
#1	.5071593	2.500422	409.1816	15.78354	2.516686	15.13485	414.4249
#2	.5124637	2.505013	411.7613	15.35736	2.518480	15.25698	416.1749
#3	.5084077	2.475636	406.9965	15.46533	2.487114	15.14091	410.8930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.05235	406.4591	2.504065	1.266886	413.1615	2.523100	14.68653
Stddev	.10784	2.8082	.017200	.012708	3.0364	.017384	.31676
%RSD	.7164596	.6909009	.6868914	1.003109	.7349202	.6889952	2.156794
#1	15.08285	408.2696	2.509775	1.280882	413.2653	2.503092	15.04783
#2	15.14165	407.8835	2.517684	1.256070	416.1446	2.531693	14.45655
#3	14.93254	403.2241	2.484736	1.263706	410.0745	2.534514	14.55521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.4421	5.083067	5.321345	4.770221	5.083827	5.087514	4.998207
Stddev	.9119	.019164	.042103	.022814	.060623	.018777	.031737
%RSD	.5866582	.3770135	.7912188	.4782628	1.192476	.3690717	.6349592
#1	155.1322	5.094101	5.290681	4.783885	5.073319	5.068498	5.004067
#2	156.4686	5.094161	5.369349	4.782894	5.149018	5.106042	5.026605
#3	154.7255	5.060939	5.304004	4.743884	5.029146	5.088002	4.963949

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCV089 Acquired: 11/14/2024 20:08:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.047693	5.125572	5.121227
Stddev	.031492	.034344	.039856
%RSD	.6238812	.6700580	.7782525
#1	5.030714	5.134975	5.110616
#2	5.084031	5.154235	5.165315
#3	5.028335	5.087505	5.087751

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	721.7291	20310.40	2007.914	609.3103	1300.780
Stddev	1.9141	272.73	7.126	12.9998	7.084
%RSD	.2652172	1.342830	.3549130	2.133529	.5445808
#1	720.3034	20005.69	2012.872	594.5244	1298.061
#2	720.9793	20531.64	1999.747	618.9456	1295.459
#3	723.9046	20393.89	2011.121	614.4608	1308.821

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCB089 Acquired: 11/14/2024 20:12:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035643	-.000730	-.001773	.0006331	.0000067	.0463658	-.000096
Stddev	.0071515	.002973	.002536	.0049432	.0009444	.0200199	.000423
%RSD	200.6449	406.9825	142.9937	780.8130	14171.16	43.17821	442.5081
#1	.0041220	-.000397	-.003738	-.004987	-.001084	.0238443	.000192
#2	.0104206	.002062	.001089	.002579	.000564	.0531118	-.000582
#3	-.003850	-.003856	-.002671	.004307	.000539	.0621413	.000102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000043	.0003886	.0651468	-.000229	.0000773	-.001549	.0529118
Stddev	.0000599	.0002408	.0204606	.001149	.0001239	.007611	.0213807
%RSD	1399.521	61.97259	31.40691	502.0924	160.3006	491.3509	40.40807
#1	.0000294	.0002418	.0468395	-.000509	.0000985	-.002863	.0442397
#2	-.000064	.0002574	.0872336	-.001212	.0001892	-.008417	.0772661
#3	.000048	.0006665	.0613672	.001034	-.000056	.006634	.0372297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000478	.0513028	.0001312	.0008688	.1831009	-.014103	.0013463
Stddev	.001743	.0217294	.0002547	.0002025	.6267592	.008187	.0003895
%RSD	364.4656	42.35515	194.1035	23.30817	342.3026	58.05031	28.92894
#1	-.001572	.0734595	.0001852	.0006524	-.471245	-.021600	.0017923
#2	-.001395	.0504215	.0003545	.0010537	.242503	-.005367	.0011730
#3	.001532	.0300275	-.000146	.0009005	.778044	-.015344	.0010736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1503090	-.000449	.0060537	.0006769	-.000772	.0007268	.0054726
Stddev	.0357593	.002295	.0007921	.0006095	.002750	.0002225	.0004119
%RSD	23.79053	511.4090	13.08475	90.04308	356.2540	30.60635	7.526490
#1	.1606082	-.003023	.0068277	.0004061	-.003882	.0006724	.0053230
#2	.1797884	.000295	.0060888	.0013749	.000229	.0005366	.0059384
#3	.1105303	.001382	.0052447	.0002497	.001338	.0009715	.0051564

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCB089 Acquired: 11/14/2024 20:12:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015792	.0006154	.0004647
Stddev	.0013748	.0013378	.0000734
%RSD	87.05510	217.3737	15.78837
#1	.0031424	-.000852	.0004688
#2	.0010376	.001767	.0005359
#3	.0005577	.000932	.0003893

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.6623	22251.26	2081.819	785.8604	1710.507
Stddev	2.8548	60.72	8.972	6.6370	4.379
%RSD	.3208860	.2728680	.4309745	.8445474	.2560067
#1	892.1349	22184.14	2071.496	778.1968	1713.905
#2	890.3142	22267.25	2086.218	789.7194	1712.052
#3	886.5380	22302.38	2087.743	789.6651	1705.565

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4591-04DLX2 Acquired: 11/14/2024 20:16:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1670904	-.027201	.1189123	.0014610	.0003937	89.60697	1.012093
Stddev	.0049308	.004813	.0028065	.0038215	.0029951	.27419	.002413
%RSD	2.950998	17.69351	2.360165	261.5596	760.7523	.3059889	.2383773
#1	.1618141	-.026366	.1188385	.0023919	.0007726	89.58673	1.010164
#2	.1715816	-.032377	.1217550	.0047311	.0031814	89.34347	1.011318
#3	.1678754	-.022861	.1161434	-.002740	-.002773	89.89072	1.014798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030754	.0004989	21.23469	.1482279	.0995327	.3134239	178.7425
Stddev	.0000127	.0001928	.13034	.0011196	.0005874	.0055057	.4321
%RSD	.4119963	38.63925	.6138079	.7552879	.5901842	1.756637	.2417506
#1	.0030692	.0007151	21.11736	.1494914	.0996115	.3073338	178.5913
#2	.0030670	.0003449	21.21172	.1478329	.0989098	.3180488	178.4064
#3	.0030899	.0004368	21.37499	.1473594	.1000767	.3148889	179.2299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.799133	39.84816	.1657393	-.014778	1.053014	.3172683	.4368254
Stddev	.033796	.12465	.0011715	.000983	.186141	.0188195	.0013112
%RSD	.7042117	.3128028	.7068081	6.652775	17.67697	5.931721	.3001579
#1	4.785030	39.91225	.1658965	-.015301	1.017694	.3350925	.4358074
#2	4.774673	39.70451	.1644972	-.013644	.887064	.2975907	.4363640
#3	4.837697	39.92772	.1668242	-.015389	1.254285	.3191219	.4383050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.54926	4.016787	.1891150	-.001583	.7383733	8.113606	.0075269
Stddev	.06997	.014009	.0011621	.000854	.0057997	.024422	.0014032
%RSD	.4499828	.3487724	.6144690	53.92765	.7854704	.3010021	18.64294
#1	15.60565	4.026958	.1878010	-.002502	.7329993	8.115486	.0069485
#2	15.47096	4.000808	.1895364	-.001431	.7375994	8.088299	.0065053
#3	15.57118	4.022596	.1900075	-.000815	.7445211	8.137035	.0091268

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4591-04DLX2 Acquired: 11/14/2024 20:16:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5N5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.268288	.0772450	.1562217
Stddev	.002001	.0012948	.0000678
%RSD	.1577678	1.676179	.0433795
#1	1.266241	.0762416	.1562995
#2	1.268383	.0787066	.1561898
#3	1.270239	.0767869	.1561757

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	938.4584	23757.19	2247.184	829.4656	1608.573
Stddev	2.7138	106.86	5.523	1.5996	4.082
%RSD	.2891783	.4497892	.2457676	.1928475	.2537408
#1	938.2749	23746.96	2248.851	828.7962	1607.737
#2	941.2593	23655.81	2251.682	828.3093	1613.008
#3	935.8409	23868.79	2241.020	831.2911	1604.974

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4571-01ADLX2 Acquired: 11/14/2024 20:21:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE543A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3448966	-.024062	.4517601	-.001577	.0062509	69.15125	.7787352
Stddev	.0020134	.002039	.0033916	.006004	.0027230	.03479	.0009863
%RSD	.5837772	8.474454	.7507466	380.7309	43.56178	.0503109	.1266544
#1	.3426148	-.026409	.4482726	.005202	.0033705	69.16733	.7791238
#2	.3464237	-.023039	.4550468	-.006225	.0065993	69.11133	.7794679
#3	.3456512	-.022736	.4519610	-.003708	.0087829	69.17510	.7776137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022608	.0018281	16.42564	.1438916	.0840802	.4444465	176.0320
Stddev	.0000642	.0002918	.06788	.0002834	.0010351	.0093417	.3104
%RSD	2.839660	15.96083	.4132485	.1969641	1.231077	2.101874	.1763587
#1	.0022352	.0020553	16.37910	.1440795	.0852544	.4445674	176.3889
#2	.0022134	.0019301	16.39429	.1435656	.0832999	.4350449	175.8240
#3	.0023339	.0014991	16.50353	.1440298	.0836863	.4537272	175.8831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.156399	29.86221	.1328215	-.014062	.7300876	.2836443	.5182157
Stddev	.003530	.06901	.0010322	.000490	.1213716	.0054440	.0003628
%RSD	.0849198	.2310963	.7771125	3.486564	16.62425	1.919306	.0700159
#1	4.156684	29.91470	.1337986	-.013970	.6037811	.2774642	.5179625
#2	4.152735	29.88788	.1329241	-.013624	.8458342	.2877302	.5186314
#3	4.159777	29.78404	.1317419	-.014591	.7406473	.2857386	.5180533

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.22816	4.048355	.1852564	-.000428	.6502963	6.347639	.0077435
Stddev	.01900	.009690	.0024483	.000342	.0081286	.021299	.0029867
%RSD	.1171076	.2393461	1.321555	79.89771	1.249983	.3355434	38.56994
#1	16.23895	4.048719	.1861508	-.000263	.6488914	6.323988	.0088858
#2	16.20621	4.057856	.1824868	-.000821	.6590358	6.365308	.0099905
#3	16.23931	4.038488	.1871318	-.000200	.6429618	6.353619	.0043543

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4571-01ADLX2 Acquired: 11/14/2024 20:21:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE543A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.777948	.0557832	.1297973
Stddev	.003418	.0017511	.0003325
%RSD	.1922245	3.139098	.2562045
#1	1.774183	.0578008	.1295931
#2	1.780856	.0546595	.1296177
#3	1.778803	.0548892	.1301810

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	922.5938	23399.17	2208.318	814.9077	1620.773
Stddev	2.8870	64.41	2.736	1.2816	10.163
%RSD	.3129186	.2752543	.1238793	.1572705	.6270411
#1	922.3561	23342.70	2211.166	814.3100	1614.016
#2	919.8331	23385.50	2205.711	814.0341	1615.843
#3	925.5923	23469.32	2208.076	816.3790	1632.461

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-01DLX2 Acquired: 11/14/2024 20:25:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE596 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2058728	-.077058	.3608754	-.012055	.0161635	109.6706	1.367521
Stddev	.0091804	.004035	.0037964	.009795	.0022021	.7465	.009628
%RSD	4.459248	5.236599	1.051989	81.25026	13.62386	.6806857	.7040782
#1	.2035398	-.080491	.3636682	-.022732	.0141247	109.3120	1.365166
#2	.1980841	-.078069	.3624052	-.009949	.0158670	110.5288	1.378108
#3	.2159946	-.072613	.3565528	-.003485	.0184989	109.1711	1.359288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032556	.0035087	10.05650	.2984691	.2261962	.5814858	589.3690
Stddev	.0000521	.0002738	.09052	.0024043	.0005463	.0044923	5.4723
%RSD	1.599943	7.803894	.9001165	.8055572	.2415298	.7725562	.9284993
#1	.0031976	.0038225	10.03887	.2986523	.2268270	.5768712	587.0821
#2	.0032984	.0033185	10.15454	.2959784	.2258814	.5858449	595.6137
#3	.0032708	.0033850	9.97609	.3007766	.2258801	.5817414	585.4111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.26686	52.66573	.2716007	-.045652	2.416697	.8993844	1.007736
Stddev	.14034	.62907	.0016269	.001224	.213518	.0080016	.005618
%RSD	.7682603	1.194459	.5990066	2.680833	8.835108	.8896762	.5575005
#1	18.22930	52.26341	.2710854	-.045540	2.646427	.8934407	1.002562
#2	18.42216	53.39066	.2702939	-.046928	2.379343	.9084824	1.013712
#3	18.14913	52.34313	.2734229	-.044488	2.224321	.8962300	1.006933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.70920	5.403410	.5758546	-.002345	.8217229	6.446486	.0116943
Stddev	.20324	.017575	.0061266	.001146	.0028493	.064848	.0001807
%RSD	.8225253	.3252513	1.063909	48.86133	.3467432	1.005941	1.545188
#1	24.60222	5.417440	.5755164	-.001146	.8241941	6.394034	.0118088
#2	24.94358	5.383697	.5821432	-.003430	.8186063	6.518992	.0117881
#3	24.58180	5.409092	.5699041	-.002460	.8223685	6.426432	.0114860

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-01DLX2 Acquired: 11/14/2024 20:25:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE596 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.054437	.0828364	.1624172
Stddev	.026012	.0023776	.0010244
%RSD	.8516269	2.870282	.6307234
#1	3.041772	.0807244	.1619701
#2	3.084357	.0823734	.1635892
#3	3.037183	.0854115	.1616924

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.6068	23523.37	2221.926	819.4152	1586.968
Stddev	4.0097	60.98	21.111	3.5154	4.525
%RSD	.4379323	.2592433	.9501003	.4290139	.2851176
#1	912.7688	23579.43	2239.033	823.1604	1582.934
#2	920.1940	23532.23	2198.334	816.1868	1591.860
#3	913.8577	23458.44	2228.411	818.8984	1586.110

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-02DLX2 Acquired: 11/14/2024 20:30:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE597 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1854597	-.062403	.2601570	-.004481	.0099835	105.1629	1.582368
Stddev	.0163719	.007127	.0045404	.004245	.0025961	.3186	.004407
%RSD	8.827747	11.42132	1.745262	94.73101	26.00444	.3029710	.2785350
#1	.1710586	-.065133	.2616022	-.008724	.0097002	105.4622	1.581215
#2	.2032667	-.067761	.2550699	-.004486	.0075406	105.1985	1.587238
#3	.1820538	-.054314	.2637990	-.000234	.0127096	104.8279	1.578653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036068	.0021979	22.48226	.2951948	.1952901	.5023706	461.0932
Stddev	.0003032	.0002676	.07322	.0012867	.0008798	.0084142	1.6040
%RSD	8.407636	12.17511	.3256815	.4358743	.4505097	1.674900	.3478707
#1	.0037956	.0019389	22.45630	.2957813	.1963047	.5092584	460.7841
#2	.0032570	.0021815	22.56492	.2937194	.1948280	.5048612	462.8293
#3	.0037677	.0024734	22.42556	.2960838	.1947376	.4929923	459.6663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.35130	49.08960	.2745554	-.035380	2.012335	.7576860	.7623434
Stddev	.03020	.18556	.0017916	.000068	.170430	.0060051	.0022246
%RSD	.1740347	.3779990	.6525568	.1928961	8.469254	.7925647	.2918062
#1	17.32596	48.97856	.2760593	-.035432	2.061240	.7511927	.7649120
#2	17.38471	49.30382	.2725731	-.035405	1.822799	.7588258	.7610715
#3	17.34322	48.98643	.2750338	-.035303	2.152966	.7630396	.7610466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.31956	5.116989	.4686651	-.001399	1.156767	6.770503	.0113781
Stddev	.13243	.018063	.0017138	.000599	.001219	.020616	.0013970
%RSD	.5678788	.3529959	.3656855	42.81063	.1053464	.3044940	12.27761
#1	23.42432	5.097553	.4690472	-.000707	1.157644	6.785684	.0099341
#2	23.36364	5.120152	.4701556	-.001739	1.157280	6.747033	.0114774
#3	23.17071	5.133260	.4667925	-.001751	1.155375	6.778792	.0127228

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-02DLX2 Acquired: 11/14/2024 20:30:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE597 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.844169	.0805590	.1835126
Stddev	.010302	.0023951	.0008442
%RSD	.3622280	2.973073	.4600090
#1	2.856017	.0779092	.1841834
#2	2.839175	.0825696	.1837898
#3	2.837316	.0811983	.1825647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.9513	23606.06	2263.432	822.1771	1583.099
Stddev	2.5673	7.49	2.857	1.3249	4.461
%RSD	.2793747	.0317223	.1262034	.1611401	.2818041
#1	916.1150	23612.27	2260.267	820.6945	1578.731
#2	921.1162	23608.15	2264.210	822.5919	1587.648
#3	919.6226	23597.74	2265.818	823.2449	1582.918

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-03DLX2 Acquired: 11/14/2024 20:34:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE598 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1577345	-.060794	.2680607	-.004662	.0102088	97.99507	1.279176
Stddev	.0169725	.000858	.0016133	.007736	.0045907	.12360	.001641
%RSD	10.76018	1.411380	.6018250	165.9369	44.96850	.1261336	.1283058
#1	.1508142	-.059907	.2673758	-.013036	.0078895	98.13764	1.279405
#2	.1770739	-.060856	.2699034	.002219	.0154964	97.91800	1.280691
#3	.1453156	-.061620	.2669029	-.003169	.0072404	97.92958	1.277433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031685	.0016749	11.24843	.2979040	.1903713	.5679358	464.8597
Stddev	.0001170	.0002253	.08377	.0027960	.0015604	.0039207	1.0413
%RSD	3.693814	13.45342	.7447593	.9385459	.8196463	.6903515	.2240059
#1	.0032452	.0015405	11.29014	.3006085	.1909231	.5669149	465.8451
#2	.0030338	.0019351	11.30316	.2980788	.1886100	.5646265	463.7703
#3	.0032266	.0015491	11.15199	.2950247	.1915808	.5722660	464.9637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.32863	47.29973	.2526838	-.036407	1.760145	.7584306	.6674440
Stddev	.03031	.06465	.0005802	.000251	.145872	.0078023	.0029960
%RSD	.1855953	.1366917	.2296276	.6881913	8.287505	1.028740	.4488726
#1	16.34758	47.30733	.2533479	-.036408	1.595659	.7629466	.6689698
#2	16.29368	47.23161	.2524283	-.036156	1.873805	.7494213	.6693698
#3	16.34463	47.36025	.2522752	-.036657	1.810971	.7629239	.6639922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.33733	4.316641	.4549333	-.001607	.5651262	6.983872	.0094689
Stddev	.02068	.014771	.0017973	.001381	.0128289	.016686	.0022662
%RSD	.0969285	.3421976	.3950672	85.89863	2.270089	.2389260	23.93293
#1	21.35934	4.315625	.4560036	-.001293	.5584113	7.002056	.0069305
#2	21.31831	4.302403	.4528583	-.000411	.5570485	6.980296	.0101874
#3	21.33434	4.331893	.4559381	-.003118	.5799188	6.969264	.0112887

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-03DLX2 Acquired: 11/14/2024 20:34:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE598 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.672542	.0730843	.1500470
Stddev	.004531	.0006915	.0003837
%RSD	.1695513	.9461815	.2556983
#1	2.671690	.0731317	.1503387
#2	2.677439	.0737509	.1496124
#3	2.668497	.0723704	.1501899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	916.9604	23472.35	2218.351	815.1982	1591.634
Stddev	.9857	90.87	6.628	5.4519	3.235
%RSD	.1074950	.3871199	.2987818	.6687880	.2032448
#1	917.9543	23387.93	2211.863	811.9643	1590.726
#2	916.9439	23460.60	2225.111	812.1376	1595.225
#3	915.9831	23568.52	2218.078	821.4928	1588.949

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-04DLX2 Acquired: 11/14/2024 20:39:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE599 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234449	-.043534	.0759907	.0032419	.0060042	142.9747	.2174563
Stddev	.0140965	.002542	.0041190	.0066619	.0004968	.4502	.0010767
%RSD	60.12615	5.839671	5.420360	205.4919	8.275017	.3148577	.4951388
#1	.0104033	-.041219	.0719031	.0098300	.0057398	142.8648	.2169151
#2	.0215307	-.046255	.0759288	.0033871	.0065774	143.4697	.2186963
#3	.0384007	-.043127	.0801403	-.003491	.0056955	142.5897	.2167577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003390	-.001186	35.85030	.8023225	.2431992	.6068795	302.2664
Stddev	.0000809	.000209	.10309	.0038867	.0002664	.0039806	.9912
%RSD	23.87391	17.63697	.2875532	.4844262	.1095244	.6559204	.3279380
#1	.0004156	-.001061	35.84065	.8067532	.2435013	.6027755	302.0312
#2	.0003470	-.001427	35.95787	.8007257	.2430981	.6107242	303.3541
#3	.0002543	-.001068	35.75237	.7994885	.2429981	.6071387	301.4139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.267993	122.1181	.6205063	-.020480	1.522682	.6605182	.3783730
Stddev	.024393	.0366	.0017431	.000451	.535778	.0068575	.0005637
%RSD	.4630499	.0299625	.2809154	2.202928	35.18646	1.038195	.1489817
#1	5.292695	122.0870	.6220468	-.020130	1.567984	.6680641	.3782955
#2	5.267362	122.1584	.6186142	-.020320	2.034371	.6546669	.3789715
#3	5.243921	122.1089	.6208579	-.020989	.965692	.6588236	.3778521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.191119	2.534994	.3001372	-.003500	.8941401	6.732318	.0055507
Stddev	.072736	.002655	.0005163	.000623	.0102212	.010640	.0017496
%RSD	.8879817	.1047511	.1720358	17.80249	1.143134	.1580481	31.52066
#1	8.107171	2.532877	.2999539	-.003470	.8875612	6.740589	.0075511
#2	8.235347	2.537974	.2997375	-.002892	.8889437	6.736050	.0043053
#3	8.230839	2.534131	.3007202	-.004137	.9059156	6.720314	.0047958

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-04DLX2 Acquired: 11/14/2024 20:39:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE599 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.815471	.0865586	.1422676
Stddev	.004232	.0010838	.0005768
%RSD	.1503142	1.252060	.4054637
#1	2.819073	.0857477	.1420361
#2	2.816529	.0877895	.1429243
#3	2.810810	.0861385	.1418425

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	887.0309	22651.25	2156.733	782.4166	1550.855
Stddev	2.0244	90.78	7.332	3.0971	4.138
%RSD	.2282179	.4007658	.3399700	.3958340	.2667924
#1	886.4547	22563.62	2150.404	783.5463	1547.523
#2	889.2809	22645.26	2155.027	778.9133	1555.487
#3	885.3572	22744.88	2164.768	784.7902	1549.556

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-05DLX2 Acquired: 11/14/2024 20:43:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1072961	-.044308	.2398715	-.002981	.0067092	114.5713	1.661713
Stddev	.0024090	.001815	.0013993	.005896	.0044689	.5550	.008750
%RSD	2.245156	4.097318	.5833489	197.7459	66.60954	.4844206	.5265349
#1	.1072887	-.042772	.2383762	.003344	.0117560	114.0226	1.653184
#2	.1048909	-.043842	.2411493	-.008323	.0032538	114.5588	1.661288
#3	.1097088	-.046311	.2400890	-.003965	.0051177	115.1324	1.670668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051902	.0013561	36.11847	.2738118	.1615081	.4136934	361.9844
Stddev	.0001085	.0001992	.21846	.0011673	.0004485	.0104283	1.3263
%RSD	2.091310	14.68781	.6048477	.4263007	.2776924	2.520791	.3663835
#1	.0053127	.0015167	35.95039	.2734614	.1610636	.4059049	360.9120
#2	.0051060	.0011332	36.03961	.2751141	.1615004	.4096344	361.5738
#3	.0051518	.0014183	36.36542	.2728598	.1619604	.4255410	363.4674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.19791	43.46188	.2446523	-.027619	1.418074	.5690861	.5708629
Stddev	.06012	.32854	.0011607	.000478	.213486	.0059174	.0022037
%RSD	.3711688	.7559231	.4744150	1.731911	15.05466	1.039807	.3860254
#1	16.16576	43.08266	.2434265	-.027795	1.171597	.5759163	.5683189
#2	16.16070	43.64251	.2447958	-.027078	1.537706	.5658328	.5721799
#3	16.26727	43.66048	.2457345	-.027985	1.544920	.5655091	.5720901

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.40909	3.719678	.3716199	-.002189	.5798752	7.198929	.0092246
Stddev	.07712	.021102	.0032386	.000954	.0033142	.040117	.0049105
%RSD	.4429774	.5672978	.8714749	43.56710	.5715318	.5572679	53.23276
#1	17.32242	3.701160	.3681259	-.003291	.5761197	7.204359	.0070290
#2	17.43471	3.742652	.3722128	-.001623	.5823898	7.156373	.0148499
#3	17.47014	3.715224	.3745211	-.001654	.5811163	7.236054	.0057950

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-05DLX2 Acquired: 11/14/2024 20:43:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.594592	.0872638	.1843943
Stddev	.012845	.0013307	.0006217
%RSD	.4950625	1.524866	.3371532
#1	2.582807	.0886645	.1840463
#2	2.592684	.0860164	.1840246
#3	2.608284	.0871104	.1851121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	930.8694	23606.68	2232.315	820.9684	1587.639
Stddev	2.8828	54.38	8.543	3.0635	1.812
%RSD	.3096865	.2303508	.3827076	.3731600	.1141176
#1	928.7309	23642.57	2232.862	824.4957	1588.613
#2	934.1478	23544.11	2240.572	818.9733	1588.756
#3	929.7294	23633.35	2223.511	819.4361	1585.549

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-06DLX2 Acquired: 11/14/2024 20:47:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1501455	-.056094	.2968981	-.005896	.0125040	98.67568	1.327207
Stddev	.0207756	.009238	.0010241	.003125	.0022608	.24775	.004760
%RSD	13.83698	16.46832	.3449359	52.99704	18.08093	.2510767	.3586635
#1	.1292608	-.046277	.2979482	-.002741	.0150775	98.55706	1.323578
#2	.1708102	-.057389	.2968438	-.008989	.0108376	98.50953	1.325447
#3	.1503653	-.064616	.2959021	-.005958	.0115969	98.96044	1.332597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027599	.0027075	13.00131	.2880285	.1888673	.5748337	468.9913
Stddev	.0001587	.0002363	.12719	.0011151	.0007500	.0091854	1.5025
%RSD	5.751146	8.727949	.9783177	.3871346	.3970973	1.597919	.3203643
#1	.0028247	.0025746	12.89489	.2867560	.1880134	.5820233	468.2594
#2	.0025790	.0025676	12.96687	.2888347	.1891693	.5644859	467.9950
#3	.0028759	.0029804	13.14218	.2884949	.1894192	.5779920	470.7195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.20315	47.89601	.2545975	-.035870	1.739909	.7651105	1.042809
Stddev	.07163	.18876	.0007824	.000132	.216567	.0030869	.000822
%RSD	.3545357	.3941005	.3073001	.3680103	12.44703	.4034541	.0788042
#1	20.17668	47.90049	.2537451	-.035785	1.779235	.7620221	1.043022
#2	20.14852	48.08248	.2547643	-.035803	1.934118	.7651135	1.043503
#3	20.28424	47.70504	.2552830	-.036022	1.506373	.7681959	1.041901

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.12360	5.012861	.4660911	-.001789	.9585387	6.287392	.0089739
Stddev	.09342	.016148	.0030267	.000626	.0031115	.036922	.0037370
%RSD	.4040083	.3221391	.6493710	34.96802	.3246113	.5872362	41.64315
#1	23.16391	5.008165	.4627591	-.002303	.9560448	6.285839	.0051354
#2	23.01679	5.030836	.4668441	-.001972	.9620256	6.251271	.0091859
#3	23.19009	4.999580	.4686703	-.001093	.9575459	6.325066	.0126004

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-06DLX2 Acquired: 11/14/2024 20:47:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.933068	.0779122	.1736163
Stddev	.015264	.0017110	.0003385
%RSD	.5204083	2.196008	.1949634
#1	2.915605	.0760345	.1736721
#2	2.943867	.0793830	.1732535
#3	2.939731	.0783191	.1739235

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.8387	23374.40	2227.051	810.9692	1589.152
Stddev	1.7013	23.97	8.790	2.0418	4.372
%RSD	.1865816	.1025630	.3946840	.2517730	.2750892
#1	911.8622	23366.01	2224.518	810.5879	1594.197
#2	910.1258	23355.74	2236.829	809.1449	1586.481
#3	913.5282	23401.44	2219.805	813.1747	1586.777

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-07REDLX2 Acquired: 11/14/2024 20:52:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1491150	-.049977	.2711151	-.008512	.0088157	92.51071	1.237601
Stddev	.0092580	.002655	.0022982	.008593	.0008305	.21121	.004249
%RSD	6.208606	5.313400	.8476668	100.9439	9.421275	.2283140	.3433479
#1	.1522741	-.047808	.2714246	-.009037	.0080301	92.72509	1.238996
#2	.1386909	-.049185	.2686778	-.016830	.0096849	92.30281	1.232829
#3	.1563799	-.052939	.2732427	.000331	.0087321	92.50422	1.240976

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027010	.0022300	20.25449	.2633332	.1703704	.5298930	405.3367
Stddev	.0003428	.0003732	.05843	.0029783	.0007524	.0129610	.7634
%RSD	12.69152	16.73674	.2884592	1.130995	.4416551	2.445965	.1883300
#1	.0023108	.0024565	20.26157	.2607925	.1707926	.5398081	405.7081
#2	.0029539	.0017992	20.19285	.2625965	.1695016	.5152269	404.4587
#3	.0028383	.0024343	20.30906	.2666108	.1708169	.5346439	405.8433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74044	44.75492	.2334741	-.030664	1.952298	.6609382	.6334125
Stddev	.02207	.15177	.0007652	.000331	.333140	.0114625	.0028921
%RSD	.1497302	.3391190	.3277216	1.078520	17.06398	1.734276	.4565968
#1	14.76402	44.83509	.2341771	-.030498	2.258070	.6482916	.6367507
#2	14.72027	44.57987	.2335862	-.030449	2.001551	.6638794	.6318242
#3	14.73704	44.84980	.2326592	-.031044	1.597274	.6706434	.6316625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.66330	3.931577	.4063791	-.001381	1.071765	7.228654	.0060495
Stddev	.12482	.020999	.0027648	.000518	.015605	.023354	.0022670
%RSD	.6688097	.5341146	.6803474	37.46829	1.455982	.3230766	37.47328
#1	18.74236	3.955220	.4095522	-.000935	1.060826	7.206549	.0067775
#2	18.72814	3.924419	.4044875	-.001949	1.064835	7.253084	.0078631
#3	18.51940	3.915093	.4050977	-.001260	1.089635	7.226329	.0035080

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-07REDLX2 Acquired: 11/14/2024 20:52:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.731158	.0717058	.1874392
Stddev	.004992	.0012477	.0004890
%RSD	.1827966	1.739992	.2608701
#1	2.728558	.0707449	.1880038
#2	2.728002	.0731159	.1871659
#3	2.736914	.0712566	.1871480

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.1794	23317.62	2221.214	809.0390	1596.879
Stddev	1.8534	83.00	3.842	3.0786	2.443
%RSD	.2025154	.3559749	.1729476	.3805315	.1529721
#1	913.2101	23221.78	2221.451	805.6857	1594.177
#2	915.4384	23366.19	2217.259	811.7377	1598.933
#3	916.8896	23364.89	2224.931	809.6937	1597.525

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-08REDLX2 Acquired: 11/14/2024 20:56:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1055399	-.053817	.2233956	-.008948	.0081113	84.18721	.9213322
Stddev	.0020127	.001682	.0048442	.006655	.0003712	.45784	.0049093
%RSD	1.907051	3.125271	2.168421	74.38067	4.576389	.5438359	.5328477
#1	.1041849	-.053015	.2203178	-.002407	.0080526	84.59910	.9264370
#2	.1078526	-.055750	.2208895	-.015712	.0085083	83.69425	.9166451
#3	.1045823	-.052687	.2289794	-.008723	.0077729	84.26827	.9209144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026260	.0014345	18.19557	.2355415	.1551727	.4674612	384.6314
Stddev	.0000736	.0002307	.17491	.0003625	.0004112	.0072685	1.9891
%RSD	2.801362	16.08216	.9612727	.1539040	.2649860	1.554896	.5171326
#1	.0025949	.0015431	18.39265	.2353423	.1549745	.4590688	386.8695
#2	.0027101	.0015908	18.05878	.2359599	.1548981	.4717419	383.0657
#3	.0025732	.0011695	18.13527	.2353223	.1556454	.4715729	383.9589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.44308	39.79092	.2073591	-.029782	1.725346	.6267269	.5848562
Stddev	.07060	.42404	.0007197	.000280	.197836	.0106135	.0022972
%RSD	.6169550	1.065675	.3470934	.9408009	11.46648	1.693473	.3927717
#1	11.51922	40.21602	.2068389	-.029806	1.511800	.6388788	.5873757
#2	11.37979	39.36794	.2070578	-.029490	1.761851	.6220273	.5828781
#3	11.43023	39.78881	.2081805	-.030049	1.902388	.6192746	.5843147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.81416	3.655115	.3841446	-.002077	.9973332	6.616410	.0093168
Stddev	.09254	.011822	.0043543	.000561	.0010247	.040187	.0012850
%RSD	.5503828	.3234363	1.133496	27.02315	.1027398	.6073810	13.79246
#1	16.89074	3.650363	.3890631	-.002651	.9969160	6.662784	.0088284
#2	16.71132	3.668573	.3807819	-.002050	.9985006	6.594663	.0107745
#3	16.84041	3.646408	.3825888	-.001529	.9965829	6.591784	.0083477

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-08REDLX2 Acquired: 11/14/2024 20:56:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.602512	.0654011	.1674283
Stddev	.013124	.0005847	.0005321
%RSD	.5042831	.8939455	.3178079
#1	2.611223	.0660744	.1678326
#2	2.587417	.0651080	.1668255
#3	2.608895	.0650210	.1676268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	912.4783	23229.64	2220.023	809.1529	1598.602
Stddev	1.3660	64.04	14.956	2.4503	.879
%RSD	.1497064	.2756742	.6736916	.3028210	.0550110
#1	911.5109	23158.93	2202.814	806.5328	1598.265
#2	911.8832	23283.72	2229.886	809.5381	1599.600
#3	914.0410	23246.26	2227.368	811.3877	1597.941

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-07LREDLX10 Acquired: 11/14/2024 21:01:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0391732	-.011801	.0519925	.0007413	-.000206	18.96520	.2522079
Stddev	.0081698	.001488	.0033178	.0020773	.000897	.10849	.0011707
%RSD	20.85566	12.61163	6.381310	280.2122	436.4338	.5720285	.4641643
#1	.0428178	-.011837	.0521680	.0030724	.000412	19.08621	.2535582
#2	.0298154	-.010295	.0485904	.0000657	-.001234	18.87665	.2514786
#3	.0448864	-.013271	.0552190	-.000914	.000205	18.93273	.2515869

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005654	.0005854	4.290387	.0546991	.0340490	.1064814	84.50709
Stddev	.0000255	.0002139	.009005	.0006336	.0003042	.0027221	.70039
%RSD	4.516247	36.53254	.2098771	1.158398	.8934173	2.556428	.8287970
#1	.0005810	.0006398	4.299824	.0544409	.0340880	.1066393	85.31548
#2	.0005359	.0003496	4.281888	.0554211	.0337271	.1091211	84.12356
#3	.0005792	.0007668	4.289450	.0542354	.0343318	.1036837	84.08222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.066270	9.306594	.0467741	-.006653	.2861504	.1256460	.1329281
Stddev	.024766	.205537	.0004490	.000087	.0526979	.0100861	.0005931
%RSD	.8077000	2.208510	.9599677	1.314182	18.41617	8.027390	.4461460
#1	3.094355	9.541535	.0464083	-.006748	.2282578	.1291768	.1324447
#2	3.047559	9.160012	.0466389	-.006634	.3313266	.1334920	.1327499
#3	3.056898	9.218235	.0472752	-.006576	.2988669	.1142692	.1335899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.792297	.7714816	.0826586	-.001535	.2082751	1.559224	.0008453
Stddev	.026545	.0100865	.0008280	.000409	.0055909	.006655	.0011477
%RSD	.6999659	1.307416	1.001700	26.65532	2.684389	.4268422	135.7694
#1	3.815402	.7778013	.0833859	-.001164	.2053367	1.564686	.0019392
#2	3.763302	.7767944	.0828323	-.001467	.2147225	1.551811	-.000349
#3	3.798189	.7598493	.0817575	-.001974	.2047662	1.561176	.000946

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-07LREDLX10 Acquired: 11/14/2024 21:01:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5655086	.0139938	.0386406
Stddev	.0031748	.0021694	.0002079
%RSD	.5614084	15.50268	.5379175
#1	.5688039	.0163222	.0388784
#2	.5624698	.0136299	.0385503
#3	.5652522	.0120294	.0384932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	900.0365	22660.71	2126.368	798.0932	1669.819
Stddev	3.2111	36.35	17.683	3.8327	6.030
%RSD	.3567743	.1604257	.8316050	.4802267	.3611272
#1	897.5403	22640.05	2106.136	793.8899	1663.543
#2	903.6590	22639.39	2138.868	798.9956	1675.569
#3	898.9101	22702.68	2134.100	801.3942	1670.344

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-09REDLX2 Acquired: 11/14/2024 21:05:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2219946	.0434269	.3000170	.1623867	.1722312	92.55874	5.089930
Stddev	.0032345	.0025256	.0006993	.0054518	.0053991	.23978	.015154
%RSD	1.457007	5.815695	.2330785	3.357301	3.134796	.2590560	.2977199
#1	.2194039	.0439371	.2992218	.1602365	.1727521	92.81600	5.107231
#2	.2209602	.0456583	.3005359	.1685857	.1665905	92.34147	5.079014
#3	.2256198	.0406851	.3002934	.1583379	.1773510	92.51876	5.083543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0993773	.0985111	19.33133	.6711291	1.132425	.9633577	389.1602
Stddev	.0005993	.0002538	.09129	.0026134	.001563	.0058345	1.2969
%RSD	.6030340	.2576813	.4722150	.3893999	.1380488	.6056393	.3332436
#1	.1000370	.0987536	19.40143	.6740499	1.130620	.9593375	390.6558
#2	.0992284	.0982473	19.36444	.6703252	1.133285	.9700497	388.3466
#3	.0988665	.0985325	19.22810	.6690120	1.133369	.9606861	388.4783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99358	42.63915	1.194874	.0632283	1.253377	1.623084	1.440020
Stddev	.03460	.18186	.002244	.0002695	.081379	.011773	.006418
%RSD	.2307539	.4265137	.1878318	.4262720	6.492793	.7253576	.4457017
#1	15.02696	42.78733	1.193364	.0632785	1.159602	1.609490	1.447272
#2	14.99590	42.43620	1.197453	.0634693	1.305479	1.629856	1.435073
#3	14.95788	42.69393	1.193805	.0629373	1.295051	1.629906	1.437714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.05802	3.794395	.3881264	-.001493	1.039645	7.095906	.0051753
Stddev	.02321	.014220	.0027639	.000732	.009799	.039412	.0015040
%RSD	.1285512	.3747527	.7121259	49.06893	.9425691	.5554221	29.06033
#1	18.05756	3.789557	.3912754	-.000918	1.031597	7.137935	.0061700
#2	18.03504	3.783225	.3861021	-.001242	1.050558	7.090005	.0059108
#3	18.08146	3.810402	.3870018	-.002318	1.036780	7.059776	.0034452

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-09REDLX2 Acquired: 11/14/2024 21:05:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.616073	.0666776	.1807421
Stddev	.002790	.0009084	.0006249
%RSD	.1066561	1.362328	.3457623
#1	2.616151	.0669869	.1814322
#2	2.613245	.0656550	.1802145
#3	2.618824	.0673909	.1805795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	909.5355	23269.40	2202.027	805.1673	1596.732
Stddev	.8592	77.09	8.016	3.5172	1.917
%RSD	.0944660	.3312887	.3640434	.4368272	.1200597
#1	910.4767	23269.83	2192.803	801.2692	1598.943
#2	908.7931	23346.28	2207.312	808.1035	1595.549
#3	909.3369	23192.10	2205.965	806.1291	1595.702

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-10DLX2 Acquired: 11/14/2024 21:10:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1704043	-.052800	.3184772	-.004266	.0065593	99.14835	1.285898
Stddev	.0178348	.006117	.0022454	.007711	.0001669	.36701	.007381
%RSD	10.46617	11.58463	.7050457	180.7507	2.545307	.3701657	.5739982
#1	.1893907	-.051130	.3197292	-.008952	.0063668	98.90079	1.278575
#2	.1678190	-.047693	.3158849	-.008479	.0066646	99.57001	1.293336
#3	.1540033	-.059579	.3198175	.004633	.0066465	98.97425	1.285783

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033877	.0031955	8.470191	.2833656	.1857248	.7371514	408.2231
Stddev	.0000744	.0002572	.026983	.0020288	.0008612	.0053881	2.1765
%RSD	2.197670	8.049957	.3185584	.7159630	.4636970	.7309340	.5331614
#1	.0033547	.0034467	8.494803	.2814791	.1855290	.7430620	406.1075
#2	.0034730	.0029326	8.474431	.2855117	.1866671	.7325137	410.4558
#3	.0033355	.0032071	8.441340	.2831060	.1849784	.7358786	408.1059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.95599	47.05811	.2520580	-.031543	1.353510	.7273447	.7145184
Stddev	.10644	.31003	.0013487	.000242	.177185	.0185133	.0036694
%RSD	.6670572	.6588333	.5350964	.7680047	13.09076	2.545330	.5135442
#1	15.83917	46.70097	.2536149	-.031396	1.365596	.7060819	.7138199
#2	16.04747	47.25813	.2513131	-.031823	1.170592	.7398894	.7184869
#3	15.98131	47.21524	.2512459	-.031411	1.524342	.7360630	.7112485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.88389	3.989540	.4032829	-.001820	.4677800	7.383288	.0090690
Stddev	.09667	.008806	.0026922	.000560	.0071343	.049170	.0040397
%RSD	.4417630	.2207230	.6675659	30.77125	1.525130	.6659627	44.54385
#1	21.83113	3.983344	.4004107	-.002466	.4732053	7.333551	.0135750
#2	21.99546	3.999620	.4057489	-.001500	.4596987	7.431871	.0078604
#3	21.82507	3.985655	.4036891	-.001492	.4704359	7.384442	.0057715

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-10DLX2 Acquired: 11/14/2024 21:10:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.990862	.0775614	.1276599
Stddev	.017358	.0007515	.0009899
%RSD	.5803568	.9689490	.7754354
#1	2.972591	.0773405	.1271856
#2	3.007134	.0769451	.1287978
#3	2.992861	.0783986	.1269964

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	922.4046	23580.90	2220.575	817.7458	1599.305
Stddev	2.1067	42.53	11.694	3.0538	4.774
%RSD	.2283928	.1803442	.5266378	.3734420	.2985354
#1	920.5349	23589.87	2233.879	818.0935	1595.895
#2	921.9918	23618.23	2211.919	814.5330	1597.260
#3	924.6872	23534.60	2215.927	820.6109	1604.762

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-11DLX2 Acquired: 11/14/2024 21:14:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1435702	-.041214	.1666988	-.003598	.0062758	94.60584	1.057422
Stddev	.0042514	.001472	.0043866	.006971	.0008144	.22028	.004145
%RSD	2.961202	3.571646	2.631426	193.7488	12.97740	.2328403	.3920108
#1	.1476548	-.042521	.1674451	-.010466	.0057391	94.57206	1.055619
#2	.1438862	-.041501	.1619870	-.003801	.0058753	94.40440	1.054484
#3	.1391696	-.039619	.1706644	.003473	.0072129	94.84106	1.062164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028540	.0007904	34.04468	.2253969	.1459163	.3984427	316.2234
Stddev	.0000581	.0004012	.13619	.0014460	.0009208	.0059218	1.4530
%RSD	2.034172	50.75871	.4000331	.6415553	.6310793	1.486247	.4594874
#1	.0028122	.0005946	34.01177	.2239442	.1469795	.3966846	315.6020
#2	.0028295	.0005247	33.92796	.2268362	.1453719	.3935990	315.1844
#3	.0029203	.0012519	34.19431	.2254101	.1453975	.4050445	317.8838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16418	49.74279	.2118288	-.024659	1.254180	.5961344	.6869139
Stddev	.05048	.21148	.0008286	.000680	.181865	.0108475	.0024944
%RSD	.4521867	.4251421	.3911573	2.756803	14.50070	1.819639	.3631329
#1	11.15774	49.91967	.2115439	-.025328	1.107390	.5986474	.6861086
#2	11.11723	49.50855	.2111802	-.023969	1.457631	.6055048	.6897115
#3	11.21758	49.80015	.2127622	-.024680	1.197520	.5842510	.6849216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.16504	7.510275	.3334931	-.000629	1.931232	7.154124	.0068323
Stddev	.05451	.012808	.0008717	.000820	.011971	.032971	.0037582
%RSD	.2575668	.1705398	.2613732	130.4527	.6198444	.4608731	55.00634
#1	21.10325	7.509222	.3325269	-.001449	1.925954	7.158678	.0059163
#2	21.18554	7.498026	.3342204	.000191	1.944935	7.119112	.0109639
#3	21.20633	7.523577	.3337321	-.000628	1.922808	7.184582	.0036169

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-11DLX2 Acquired: 11/14/2024 21:14:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.094194	.0819681	.2873753
Stddev	.005745	.0010178	.0005074
%RSD	.2743456	1.241738	.1765615
#1	2.099097	.0810923	.2873267
#2	2.087872	.0817272	.2868940
#3	2.095612	.0830847	.2879053

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	921.8407	23503.71	2244.594	818.5133	1585.659
Stddev	.9441	45.14	5.939	1.3827	.792
%RSD	.1024154	.1920704	.2645769	.1689327	.0499462
#1	922.7570	23545.67	2244.074	820.0769	1584.753
#2	921.8942	23509.50	2250.776	817.4516	1586.222
#3	920.8710	23455.95	2238.932	818.0114	1586.001

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-12DLX2 Acquired: 11/14/2024 21:18:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1464398	-.039372	.1716266	.0005575	.0062852	98.66207	1.261453
Stddev	.0087307	.001955	.0057129	.0046124	.0046158	.18220	.005017
%RSD	5.961947	4.965542	3.328666	827.2690	73.43885	.1846661	.3976996
#1	.1435202	-.041423	.1691310	-.003206	.0111279	98.69913	1.264125
#2	.1395430	-.039162	.1781627	-.000824	.0019359	98.82289	1.264568
#3	.1562561	-.037530	.1675862	.005703	.0057919	98.46420	1.255666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028702	.0009377	31.45813	.2393015	.1475067	.4192954	308.0906
Stddev	.0001293	.0001135	.13060	.0015236	.0011193	.0062362	.7371
%RSD	4.503826	12.10483	.4151609	.6366837	.7587998	1.487305	.2392521
#1	.0029670	.0008119	31.51489	.2384691	.1464403	.4171413	307.9587
#2	.0027234	.0010325	31.55075	.2410600	.1486723	.4263230	308.8848
#3	.0029203	.0009688	31.30875	.2383754	.1474077	.4144217	307.4284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.89524	49.92870	.2200834	-.024109	1.506739	.5956141	.6866633
Stddev	.03391	.08616	.0009911	.000459	.214426	.0048114	.0016887
%RSD	.2629665	.1725752	.4503464	1.901893	14.23115	.8077999	.2459268
#1	12.92033	49.94439	.2203722	-.024633	1.413332	.5954227	.6885518
#2	12.90874	50.00594	.2189800	-.023782	1.752024	.6005184	.6852986
#3	12.85666	49.83577	.2208981	-.023911	1.354859	.5909013	.6861394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.41205	7.882282	.3303022	-.000052	1.999412	7.086834	.0093653
Stddev	.11811	.016837	.0031776	.001126	.003354	.043029	.0017147
%RSD	.5515926	.2136049	.9620292	2157.037	.1677364	.6071674	18.30936
#1	21.46685	7.880394	.3272754	-.001118	2.002580	7.120865	.0086051
#2	21.49282	7.899983	.3336117	-.000164	1.995899	7.101171	.0081621
#3	21.27650	7.866468	.3300195	.001125	1.999755	7.038467	.0113287

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-12DLX2 Acquired: 11/14/2024 21:18:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.190157	.0858678	.2975826
Stddev	.005244	.0005522	.0002150
%RSD	.2394249	.6430847	.0722407
#1	2.185769	.0863773	.2977437
#2	2.188739	.0852810	.2976656
#3	2.195964	.0859451	.2973385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.9823	23592.39	2256.577	820.3992	1586.933
Stddev	2.3576	97.74	11.150	1.8671	1.923
%RSD	.2543359	.4142684	.4940991	.2275847	.1211812
#1	924.8672	23623.80	2250.538	818.9655	1586.988
#2	926.5555	23482.81	2249.750	819.7216	1584.983
#3	929.5242	23670.56	2269.444	822.5105	1588.828

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-13DLX2 Acquired: 11/14/2024 21:23:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0450331	-.054109	.0989517	-.012631	.0132100	150.5040	.3408339
Stddev	.0079363	.004705	.0015926	.003443	.0000121	.3858	.0008180
%RSD	17.62331	8.696241	1.609518	27.25784	.0914415	.2563291	.2400057
#1	.0538375	-.048950	.0977964	-.009106	.0131963	150.0931	.3411688
#2	.0428324	-.055211	.1007685	-.015986	.0132143	150.8584	.3414313
#3	.0384293	-.058165	.0982901	-.012802	.0132193	150.5605	.3399016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006953	-.000562	33.66797	.7960403	.2542327	.6753317	333.6053
Stddev	.0001304	.000267	.14142	.0016909	.0006889	.0035220	1.2268
%RSD	18.76110	47.45206	.4200293	.2124074	.2709865	.5215183	.3677447
#1	.0007079	-.000569	33.53671	.7979310	.2550227	.6757911	333.1070
#2	.0005590	-.000292	33.81772	.7955166	.2537566	.6716026	335.0028
#3	.0008190	-.000825	33.64946	.7946732	.2539188	.6786015	332.7060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.856734	123.4056	.6456257	-.022822	1.872986	.6764854	.4295321
Stddev	.025365	.1345	.0027775	.000337	.041314	.0209070	.0010721
%RSD	.3699300	.1090112	.4302092	1.477173	2.205770	3.090537	.2495990
#1	6.842077	123.3919	.6431249	-.022457	1.851604	.6988471	.4307523
#2	6.886023	123.5465	.6451370	-.023122	1.846745	.6731832	.4287414
#3	6.842102	123.2785	.6486151	-.022887	1.920608	.6574260	.4291024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.536597	2.919970	.3304380	-.002158	.8736037	5.576949	.0054324
Stddev	.081007	.003758	.0012136	.000426	.0091192	.027021	.0021594
%RSD	.8494320	.1287135	.3672633	19.72317	1.043860	.4845057	39.75094
#1	9.459269	2.921707	.3318107	-.002648	.8654981	5.549473	.0057038
#2	9.529683	2.922546	.3299957	-.001947	.8834775	5.603490	.0074433
#3	9.620839	2.915658	.3295076	-.001880	.8718355	5.577885	.0031501

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-13DLX2 Acquired: 11/14/2024 21:23:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.439799	.0902168	.1692279
Stddev	.008070	.0020802	.0001979
%RSD	.2345994	2.305732	.1169436
#1	3.433230	.0880458	.1690113
#2	3.448807	.0904123	.1693993
#3	3.437361	.0921923	.1692730

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	892.4023	22799.70	2199.094	788.2638	1543.384
Stddev	1.4767	90.98	9.677	3.6119	3.166
%RSD	.1654768	.3990456	.4400372	.4582101	.2051473
#1	892.4943	22697.77	2208.775	786.0702	1546.614
#2	893.8308	22828.63	2189.422	786.2887	1543.251
#3	890.8817	22872.70	2199.084	792.4326	1540.286

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-14DLX2 Acquired: 11/14/2024 21:27:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0822097	-.047191	.1738146	.0038796	.0096969	133.4176	.7421097
Stddev	.0074724	.001832	.0029601	.0091653	.0035411	.1719	.0013296
%RSD	9.089463	3.883091	1.703035	236.2413	36.51788	.1288496	.1791595
#1	.0907480	-.047441	.1726496	.0056920	.0133389	133.3884	.7408817
#2	.0790180	-.045247	.1771799	.0120034	.0094855	133.6022	.7435216
#3	.0768632	-.048886	.1716141	-.006056	.0062662	133.2621	.7419257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016008	.0010124	34.68907	.6149389	.2025257	.6096646	347.9339
Stddev	.0000621	.0001832	.16913	.0009999	.0003046	.0122214	.6124
%RSD	3.881665	18.09895	.4875629	.1626008	.1503853	2.004618	.1760227
#1	.0015292	.0011653	34.60437	.6139872	.2027752	.6115072	348.1004
#2	.0016330	.0008093	34.88382	.6159809	.2021863	.6208601	348.4458
#3	.0016403	.0010626	34.57902	.6148487	.2026157	.5966264	347.2554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.753426	100.7651	.5068331	-.024436	1.896403	.6941816	.4764411
Stddev	.033555	.3847	.0008921	.000225	.106295	.0019543	.0028026
%RSD	.3440374	.3817363	.1760104	.9199064	5.605074	.2815314	.5882319
#1	9.760422	100.7359	.5060451	-.024256	1.941693	.6921799	.4735597
#2	9.782931	101.1635	.5078017	-.024364	1.972551	.6942800	.4766061
#3	9.716924	100.3959	.5066526	-.024688	1.774964	.6960849	.4791576

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.412851	2.982940	.3383077	-.002481	.5888811	6.672644	.0059418
Stddev	.064641	.014747	.0012662	.000166	.0031456	.015510	.0020427
%RSD	.6867330	.4943734	.3742683	6.674029	.5341679	.2324489	34.37856
#1	9.339870	2.997846	.3372484	-.002520	.5869296	6.671177	.0081759
#2	9.462899	2.968358	.3397100	-.002623	.5872039	6.657920	.0054801
#3	9.435785	2.982617	.3379647	-.002299	.5925099	6.688837	.0041695

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-14DLX2 Acquired: 11/14/2024 21:27:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.403672	.0851020	.1507638
Stddev	.011706	.0014973	.0001878
%RSD	.3439324	1.759371	.1245490
#1	3.410644	.0867750	.1507330
#2	3.410216	.0838880	.1509650
#3	3.390157	.0846428	.1505933

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	895.2622	22956.03	2206.759	793.8864	1549.533
Stddev	.2307	30.81	3.313	3.9099	1.197
%RSD	.0257677	.1342150	.1501454	.4924985	.0772429
#1	895.2640	22953.27	2202.940	798.4008	1550.686
#2	895.4920	22926.70	2208.475	791.5753	1549.617
#3	895.0307	22988.13	2208.862	791.6833	1548.296

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-15DLX2 Acquired: 11/14/2024 21:32:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1235884	-.061649	.2274230	-.007072	.0118264	104.0907	1.405032
Stddev	.0014626	.002398	.0008083	.008415	.0035481	.1833	.003528
%RSD	1.183424	3.890375	.3554010	118.9819	30.00141	.1761388	.2510934
#1	.1237199	-.060886	.2264905	.000491	.0138466	104.2481	1.408398
#2	.1220645	-.059725	.2278552	-.005572	.0139031	103.8894	1.405337
#3	.1249808	-.064336	.2279232	-.016136	.0077296	104.1346	1.401362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027168	.0013354	16.62951	.2703014	.1875274	.4811513	458.5983
Stddev	.0001103	.0002163	.12873	.0018314	.0003177	.0122627	.6395
%RSD	4.060346	16.20003	.7741178	.6775361	.1694026	2.548623	.1394363
#1	.0026373	.0010964	16.77786	.2715371	.1877756	.4670141	459.2328
#2	.0028428	.0013920	16.56358	.2711697	.1871694	.4889123	458.6080
#3	.0026705	.0015178	16.54711	.2681973	.1876371	.4875276	457.9540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.88669	50.17449	.2440124	-.034901	1.798738	.7706781	.8207538
Stddev	.03361	.32054	.0016847	.000383	.105865	.0058805	.0018599
%RSD	.1878859	.6388515	.6904233	1.096806	5.885486	.7630318	.2266113
#1	17.90739	50.51191	.2448135	-.034684	1.879681	.7749785	.8186530
#2	17.90476	50.13753	.2420766	-.035342	1.837598	.7639771	.8214179
#3	17.84791	49.87404	.2451471	-.034675	1.678936	.7730788	.8221906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.03930	5.812065	.4615639	-.002435	1.158933	6.459042	.0070962
Stddev	.04939	.006948	.0020266	.001232	.012418	.010280	.0016954
%RSD	.1826652	.1195448	.4390784	50.58646	1.071541	.1591495	23.89098
#1	27.01042	5.818600	.4604215	-.001099	1.146305	6.470910	.0052913
#2	27.09633	5.804767	.4603662	-.002682	1.171131	6.453258	.0086552
#3	27.01115	5.812828	.4639038	-.003525	1.159364	6.452957	.0073420

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-15DLX2 Acquired: 11/14/2024 21:32:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.583837	.0814683	.2591034
Stddev	.004655	.0002072	.0004919
%RSD	.1801539	.2542900	.1898426
#1	2.588516	.0815498	.2596178
#2	2.583790	.0816222	.2590545
#3	2.579206	.0812327	.2586377

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.1695	23291.88	2213.107	804.3580	1584.622
Stddev	.6799	46.37	7.375	1.4504	.669
%RSD	.0746213	.1991002	.3332401	.1803220	.0421968
#1	911.9513	23242.00	2204.645	806.0018	1584.532
#2	910.8409	23299.95	2216.510	803.2583	1585.331
#3	910.7162	23333.68	2218.166	803.8139	1584.002

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-16DLX2 Acquired: 11/14/2024 21:36:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1840065	-.055098	.2324954	-.000159	.0084184	139.2761	1.583021
Stddev	.0065769	.004670	.0009259	.005540	.0033525	.1999	.004953
%RSD	3.574261	8.476083	.3982367	3487.206	39.82330	.1435183	.3128516
#1	.1822223	-.051932	.2329998	-.004161	.0100812	139.0740	1.577315
#2	.1785058	-.052901	.2330596	-.002480	.0045596	139.4737	1.585539
#3	.1912914	-.060462	.2314268	.006164	.0106145	139.2806	1.586208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050110	-.000123	21.27050	.3197411	.1935651	.4162647	429.1076
Stddev	.0001199	.000112	.03880	.0008574	.0008933	.0036162	1.2931
%RSD	2.391634	91.01645	.1823947	.2681646	.4614786	.8687197	.3013555
#1	.0051403	-.000003	21.31484	.3189433	.1934489	.4123420	427.6152
#2	.0049037	-.000141	21.24280	.3196322	.1927356	.4169867	429.8956
#3	.0049891	-.000225	21.25387	.3206477	.1945107	.4194654	429.8119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.71370	52.98608	.2683701	-.034145	2.045307	.7772984	.5504756
Stddev	.06373	.17373	.0010748	.000269	.171168	.0154202	.0010633
%RSD	.3405611	.3278704	.4004824	.7868630	8.368830	1.983824	.1931584
#1	18.64173	53.05430	.2678591	-.033985	2.067343	.7668310	.5517021
#2	18.76297	52.78860	.2676461	-.034455	1.864188	.7700578	.5498149
#3	18.73641	53.11534	.2696050	-.033995	2.204390	.7950065	.5499097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.10404	2.872629	.4291749	-.002927	.6079161	6.950086	.0089671
Stddev	.13832	.014619	.0034755	.001189	.0057039	.004949	.0030656
%RSD	1.055587	.5089179	.8097984	40.61131	.9382664	.0712100	34.18682
#1	12.95084	2.883024	.4255655	-.002657	.6111657	6.950269	.0079518
#2	13.14151	2.855913	.4324988	-.004227	.6013300	6.945048	.0124115
#3	13.21977	2.878950	.4294602	-.001896	.6112525	6.954941	.0065380

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-16DLX2 Acquired: 11/14/2024 21:36:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5A9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.342216	.0951118	.2000973
Stddev	.005083	.0012634	.0005784
%RSD	.2170137	1.328353	.2890336
#1	2.336568	.0960828	.2007147
#2	2.346421	.0955693	.2000090
#3	2.343660	.0936834	.1995681

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	930.1491	23818.92	2257.886	825.3415	1572.729
Stddev	.6889	39.01	1.840	1.3558	2.844
%RSD	.0740624	.1637857	.0814748	.1642745	.1808030
#1	930.4221	23829.44	2256.203	824.1961	1570.569
#2	930.6597	23851.59	2257.605	826.8385	1575.951
#3	929.3656	23775.72	2259.850	824.9900	1571.667

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-17DLX2 Acquired: 11/14/2024 21:41:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5B0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1544206	-.055418	.2008609	-.004966	.0069511	140.7855	1.510517
Stddev	.0158715	.001017	.0017343	.012313	.0028948	.3050	.006925
%RSD	10.27809	1.835672	.8634387	247.9612	41.64579	.2166246	.4584399
#1	.1370800	-.055127	.2028623	-.010156	.0040462	141.1250	1.518001
#2	.1579549	-.054579	.1998018	-.013833	.0069713	140.6971	1.509213
#3	.1682271	-.056550	.1999184	.009093	.0098358	140.5346	1.504337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044305	-.000479	19.46681	.3034143	.1841907	.3872269	442.9005
Stddev	.0000558	.000470	.09302	.0023041	.0011720	.0096852	2.1575
%RSD	1.258446	98.12473	.4778398	.7593937	.6363197	2.501162	.4871322
#1	.0043767	-.000982	19.57371	.3009174	.1850557	.3923085	445.3654
#2	.0044880	-.000051	19.40433	.3038674	.1828568	.3933136	441.3549
#3	.0044269	-.000405	19.42238	.3054583	.1846597	.3760584	441.9812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.18887	51.03020	.2485584	-.034982	1.971992	.7698267	.4989396
Stddev	.10388	.40817	.0012149	.000773	.167588	.0106569	.0023783
%RSD	.6043677	.7998683	.4887931	2.209728	8.498405	1.384320	.4766795
#1	17.30343	51.49991	.2481094	-.035449	1.780038	.7820048	.4971556
#2	17.10079	50.82902	.2499339	-.034089	2.046734	.7652670	.5016398
#3	17.16239	50.76166	.2476319	-.035406	2.089204	.7622082	.4980233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.22524	2.641790	.4437004	-.003305	.5638243	6.841425	.0108969
Stddev	.03471	.002726	.0057192	.000892	.0105582	.036218	.0029369
%RSD	.2839467	.1031879	1.288966	26.99366	1.872598	.5293945	26.95178
#1	12.21525	2.638671	.4501896	-.003709	.5759834	6.866081	.0140393
#2	12.19662	2.642980	.4393945	-.002283	.5569754	6.799843	.0104298
#3	12.26385	2.643718	.4415172	-.003924	.5585142	6.858351	.0082215

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: P4573-17DLX2 Acquired: 11/14/2024 21:41:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5B0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.504460	.0912318	.1754464
Stddev	.006268	.0018191	.0005425
%RSD	.2502715	1.993903	.3091873
#1	2.507077	.0932062	.1759676
#2	2.497307	.0896238	.1754866
#3	2.508995	.0908654	.1748849

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	928.7073	23738.97	2239.936	821.0792	1580.637
Stddev	.8108	73.15	12.479	2.7951	.683
%RSD	.0873071	.3081297	.5570961	.3404157	.0432045
#1	928.0996	23743.46	2225.878	819.7523	1581.395
#2	929.6279	23663.68	2249.704	819.1946	1580.069
#3	928.3943	23809.76	2244.225	824.2906	1580.446

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCV090 Acquired: 11/14/2024 21:45:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.950001	4.809094	24.64543	4.832059	4.838590	405.7025	10.34591
Stddev	.035446	.021318	.06822	.023300	.034881	.5393	.02794
%RSD	.7160736	.4432805	.2768045	.4821970	.7208947	.1329183	.2700645
#1	4.932901	4.822696	24.61973	4.820016	4.820698	405.5978	10.36510
#2	4.926348	4.784525	24.59380	4.817246	4.816286	405.2232	10.31385
#3	4.990755	4.820061	24.72277	4.858917	4.878787	406.2864	10.35877

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5110204	2.483784	408.3591	15.48057	2.509653	15.17989	414.2174
Stddev	.0007117	.004995	.8974	.00879	.001580	.01479	1.2911
%RSD	.1392679	.2011078	.2197524	.0568012	.0629623	.0974039	.3117022
#1	.5106148	2.478619	408.0290	15.47127	2.509212	15.19145	413.4883
#2	.5118422	2.484142	407.6735	15.48875	2.508340	15.16323	413.4558
#3	.5106043	2.488590	409.3748	15.48169	2.511406	15.18499	415.7082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.03395	406.1273	2.500279	1.272653	416.4959	2.537692	14.65988
Stddev	.03990	.9782	.009178	.004737	1.0157	.009283	.03620
%RSD	.2653998	.2408551	.3670945	.3721861	.2438714	.3658113	.2469424
#1	15.02361	405.0091	2.494585	1.269152	417.1922	2.548328	14.63562
#2	15.00023	406.8246	2.495384	1.270765	415.3304	2.533531	14.70149
#3	15.07800	406.5483	2.510867	1.278043	416.9651	2.531218	14.64254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.8666	5.121685	5.390160	4.798974	5.101971	5.119159	5.009878
Stddev	.2763	.010155	.022718	.016790	.010852	.018855	.021751
%RSD	.1772443	.1982821	.4214645	.3498753	.2126959	.3683247	.4341547
#1	155.8016	5.113405	5.365636	4.793220	5.090875	5.097855	4.986885
#2	155.6287	5.133016	5.394358	4.785817	5.102478	5.133699	5.012621
#3	156.1696	5.118633	5.410486	4.817885	5.112560	5.125924	5.030126

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCV090 Acquired: 11/14/2024 21:45:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.053952	5.166538	5.123197
Stddev	.005692	.019965	.011277
%RSD	.1126294	.3864356	.2201180
#1	5.050533	5.173155	5.118483
#2	5.050798	5.144105	5.115042
#3	5.060522	5.182355	5.136067

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	714.1343	20188.99	1983.314	605.1827	1295.011
Stddev	1.6067	25.74	4.292	1.4729	.896
%RSD	.2249908	.1274837	.2163912	.2433791	.0692007
#1	714.7402	20170.83	1988.257	606.4769	1295.903
#2	715.3501	20218.44	1981.156	603.5800	1294.111
#3	712.3128	20177.70	1980.530	605.4913	1295.021

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCB090 Acquired: 11/14/2024 21:49:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003007	-.001247	.0002352	.0014163	-.000936	.0309544	-.000708
Stddev	.011761	.001898	.0018185	.0040657	.000519	.0053446	.000831
%RSD	391.0756	152.2089	773.2987	287.0704	55.49305	17.26592	117.2587
#1	.003614	-.000180	.0023196	.0059847	-.001530	.0251761	-.000941
#2	-.016587	-.003438	-.000587	.0000687	-.000569	.0319666	-.001397
#3	.003950	-.000123	-.001027	-.001805	-.000709	.0357205	.000214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000060	.0004422	.0410128	-.000815	-.000133	.0015935	.0358825
Stddev	.000087	.0000923	.0199543	.000513	.000530	.0048185	.0168673
%RSD	143.9153	20.88013	48.65382	62.99948	398.5529	302.3848	47.00697
#1	.000025	.0005479	.0244050	-.000837	-.000069	.0057119	.0512653
#2	-.000057	.0004014	.0631482	-.001316	.000362	-.003706	.0385368
#3	-.000149	.0003773	.0354853	-.000290	-.000692	.002774	.0178455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007035	.0696281	.0002337	.0002857	.0523798	-.012644	.0010578
Stddev	.0009673	.1259754	.0004934	.0000090	.1871423	.006349	.0001718
%RSD	137.4953	180.9262	211.1356	3.159585	357.2792	50.21406	16.24491
#1	.0006871	-.072642	.0000177	.0002760	-.155391	-.019774	.0010335
#2	.0016789	.167016	.0007982	.0002939	.104827	-.010554	.0012405
#3	-.000255	.114510	-.000115	.0002874	.207703	-.007603	.0008994

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1911235	-.004850	.0056576	.0007467	.0084490	.0010799	.0060417
Stddev	.1085586	.002887	.0002877	.0006656	.0054244	.0006324	.0007707
%RSD	56.80022	59.53716	5.084973	89.12963	64.20188	58.56109	12.75704
#1	.2442924	-.002326	.0054008	.0002058	.0146701	.0018078	.0068846
#2	.2628485	-.004225	.0056036	.0014900	.0059684	.0006657	.0058675
#3	.0662295	-.007999	.0059685	.0005444	.0047084	.0007661	.0053730

Reviewed By:Mohan
On:11/15/2024 5:15:22 AM
Inst Id :P5

Sample Name: CCB090 Acquired: 11/14/2024 21:49:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v734) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002929	-.000431	.0000593
Stddev	.0011337	.000645	.0001181
%RSD	387.0324	149.7824	199.3208
#1	-.000486	-.000293	.0000101
#2	.001593	-.001133	-.000026
#3	-.000228	.000134	.000194

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	886.3242	22165.88	2077.786	779.7615	1702.615
Stddev	2.1506	28.04	8.747	2.8773	2.270
%RSD	.2426376	.1265095	.4209958	.3689918	.1333437
#1	884.1602	22195.43	2067.729	782.3427	1700.148
#2	888.4611	22139.63	2083.625	776.6594	1704.617
#3	886.3513	22162.59	2082.004	780.2826	1703.078

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Prep Standard - Chemical Standard Summary

Order ID : P4591

Test : Metals CLP Full

Prepbatch ID : PB164715,

Sequence ID/Qc Batch ID: LB133461,

Standard ID :
MP83105,MP83122,MP83134,MP83136,MP83137,MP83138,MP83139,MP83140,MP83141,MP83142,MP83143,MP831
44,MP83145,MP83146,MP83147,MP83148,MP83149,

Chemical ID :
M5130,M5218,M5223,M5289,M5295,M5296,M5390,M5395,M5429,M5476,M5498,M5513,M5515,M5519,M5634,M5658
,M5698,M5751,M5768,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M587
5,M5960,M5962,M5970,M5976,M5978,M5982,M5984,M5985,M5990,M5999,M6021,M6023,M6025,M6028,M6030,M60
33,M6111,M6116,M6117,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP83105	11/07/2024	12/07/2024	Janvi Patel	None	None	Sarabjit Jaswal 11/07/2024

FROM 1000.00000ml of M6111 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP83122	11/07/2024	12/07/2024	Janvi Patel	None	None	Sarabjit Jaswal 11/07/2024

FROM 1000.00000ml of M6116 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
902	ICP AES CAL BLK (SO/ICB/CCB)	MP83134	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 125.00000ml of M6111 + 2350.00000ml of W3112 + 25.00000ml of M6117 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2480	ICP AES STD 6 ISM01.3	MP83136	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 4.00000ml of M5289 + 4.00000ml of M5498 + 4.00000ml of M5515 + 4.00000ml of M5768 + 4.00000ml of M5806 + 30.00000ml of MP83134 = Final Quantity: 50.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1004	ICPAES ISM01.2 (S5)	MP83137	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 0.25000ml of M5798 + 0.50000ml of M5429 + 0.50000ml of M5476 + 0.50000ml of M5815 + 0.50000ml of M5817 + 12.50000ml of M5519 + 12.50000ml of M5698 + 12.50000ml of M5806 + 12.50000ml of M5819 + 13.75000ml of M5751 + 14.50000ml of M5515 + 14.50000ml of M5658 + 14.50000ml of M6033 + 2.00000ml of M5513 + 22.50000ml of M5498 + 22.50000ml of M5768 + 5.00000ml of M5296 + 5.00000ml of M5395 + 5.00000ml of M5802 + 5.00000ml of M5818 + 5.00000ml of M5875 + 303.50000ml of MP83134 = Final Quantity: 500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1005	ICPAES ISM01.2(S4)	MP83138	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 250.00000ml of MP83134 + 250.00000ml of MP83137 = Final Quantity: 500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1007	ICPAES ISM01.2(S3)	MP83139	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 25.00000ml of MP83137 + 75.00000ml of MP83134 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1008	ICPAES ISM01.2(S2)	MP83140	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 12.50000ml of MP83137 + 87.50000ml of MP83134 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
994	ICPAES ISM01.2 S1 (CONC.)	MP83141	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 0.02000ml of M5815 + 0.03000ml of M5429 + 0.10000ml of M5798 + 0.10000ml of M6028 + 0.14000ml of M5799 + 0.20000ml of M5476 + 0.20000ml of M5515 + 0.20000ml of M5658 + 0.20000ml of M5801 + 0.20000ml of M5817 + 0.20000ml of M5976 + 0.20000ml of M6025 + 0.20000ml of M6030 + 0.30000ml of M5698 + 0.40000ml of M6033 + 0.50000ml of M5751 + 0.50000ml of M6023 + 0.70000ml of M5962 + 0.80000ml of M5960 + 1.00000ml of M5800 + 1.00000ml of M6021 + 1.20000ml of M5802 + 1.20000ml of M5819 + 10.00000ml of M5498 + 10.00000ml of M5519 + 10.00000ml of M5768 + 10.00000ml of M5806 + 10.00000ml of M5818 + 2.00000ml of M5978 + 4.00000ml of M5390 + 34.24000ml of MP83134 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1003	ICPAES ISM01.2 S1	MP83142	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 0.50000ml of MP83141 + 99.50000ml of MP83134 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2054	ICV-ICPAES	MP83143	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 0.50000ml of M5218 + 0.50000ml of M5816 + 0.50000ml of M5820 + 0.50000ml of M5970 + 0.50000ml of M5982 + 10.00000ml of M5295 + 87.50000ml of MP83134 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
904	ICP AES ICSA SOLN	MP83144	10/30/2024	11/19/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 25.00000ml of M5130 + 225.00000ml of MP83134 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
905	ICP AES ICSAB SOLN	MP83145	10/30/2024	11/19/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 25.00000ml of M5130 + 25.00000ml of M5223 + 200.00000ml of MP83134 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1119	ICPAES ISM01.2(CCV)	MP83146	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 0.75000ml of M5498 + 0.75000ml of M5768 + 1.22500ml of M6033 + 1.25000ml of M5515 + 1.25000ml of M5806 + 19.77500ml of MP83134 + 25.00000ml of MP83137 = Final Quantity: 50.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
921	ICPAES SPIKE SOL#6	MP83147	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 2.50000ml of M5962 + 50.00000ml of M5990 + 50.00000ml of M5999 + 147.50000ml of MP83134 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
919	ICP AES INTERNAL STD	MP83148	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 1.00000ml of M5984 + 10.00000ml of M5985 + 1969.00000ml of W3112 + 20.00000ml of M6117 = Final Quantity: 2000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
903	ICP AES RINSE SOLN	MP83149	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 200.00000ml of M6117 + 9800.00000ml of W3112 = Final Quantity: 10000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICP) STOCK SOLN	ICSA-1211	11/19/2024	05/20/2024 / jaswal	04/20/2021 / bin	M5130

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CHEM-QC-4 / CHEM-QC-4, Second Source, 1000 ug/ml, B, Mo, Si, Sn, Ti	S2-MEB711674	11/02/2026	07/01/2022 / bin	09/10/2021 / bin	M5218

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSAB (ICP) STOCK SOLN	ICSB-0710	11/19/2024	05/20/2024 / jaswal	04/20/2021 / bin	M5223

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	02/20/2020 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	Z9651Q / CHEM-CLP-4/.25L	S2-MEB711673	11/02/2026	09/19/2022 / jaswal	08/20/2022 / jaswal	M5296

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-CAL-3 / CLP CAL SOLUTION #3, 125mL	T2-MEB714159	01/13/2027	01/30/2024 / bin	09/19/2022 / bin	M5395

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57103 / Li, 10000 PPM, 125 ml	070622	07/06/2025	01/30/2023 / bin	01/26/2023 / bin	M5429

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 / jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 / jaswal	08/03/2022 / Al-Terek	M5634

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-CAL-1 / CLP CAL SOLUTION #1, 125mL	T2-MEB714417	01/27/2027	04/19/2024 / jaswal	02/22/2024 / jaswal	M5875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/03/2024 / kareem	06/11/2024 / kareem	M5960

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57003 / Li, 1000 PPM, 125 ml	061224	06/21/2027	07/01/2024 / Jaswal	07/01/2024 / Jaswal	M5970

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGY10-1 / YTTRIUM 125mL 10,000ug/mL	V2-Y740548	02/20/2029	08/05/2024 / kareem	06/14/2024 / Jaswal	M5984

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGIN10-5 / INDIUM 1 x 500 ml	U2-IN729349	02/21/2028	10/08/2024 / Jaswal	06/14/2024 / Jaswal	M5985

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-5 / CLP Spike Standard 5	V2-MEB742037	03/12/2029	10/04/2024 / Jaswal	02/22/2024 / Jaswal	M5990

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	09/04/2024 / Jaswal	02/22/2024 / kareem	M5999

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	22F0762009	05/09/2027	11/04/2024 / Eman	09/29/2024 / Janvi	M6111

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/03/2025	11/04/2024 / Janvi	09/29/2024 / Eman	M6116

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/06/2025	11/06/2024 / Janvi	09/29/2024 / Eman	M6117

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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R: 02/22/24 M5986 M5987, M5988, M5989-M5990

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-5
Lot Number:	V2-MEB742037
Matrix:	5% (v/v) HNO_3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Selenium, Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	100.0 ± 0.7 µg/mL	Arsenic, As	40.00 ± 0.26 µg/mL
Cadmium, Cd	49.99 ± 0.22 µg/mL	Lead, Pb	19.99 ± 0.09 µg/mL
Selenium, Se	50.00 ± 0.23 µg/mL	Thallium, Tl	50.00 ± 0.22 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	3103a	100818
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

March 12, 2024

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- March 12, 2029

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Joseph Burns
Custom VS Manager



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R 8/15/24

M6028

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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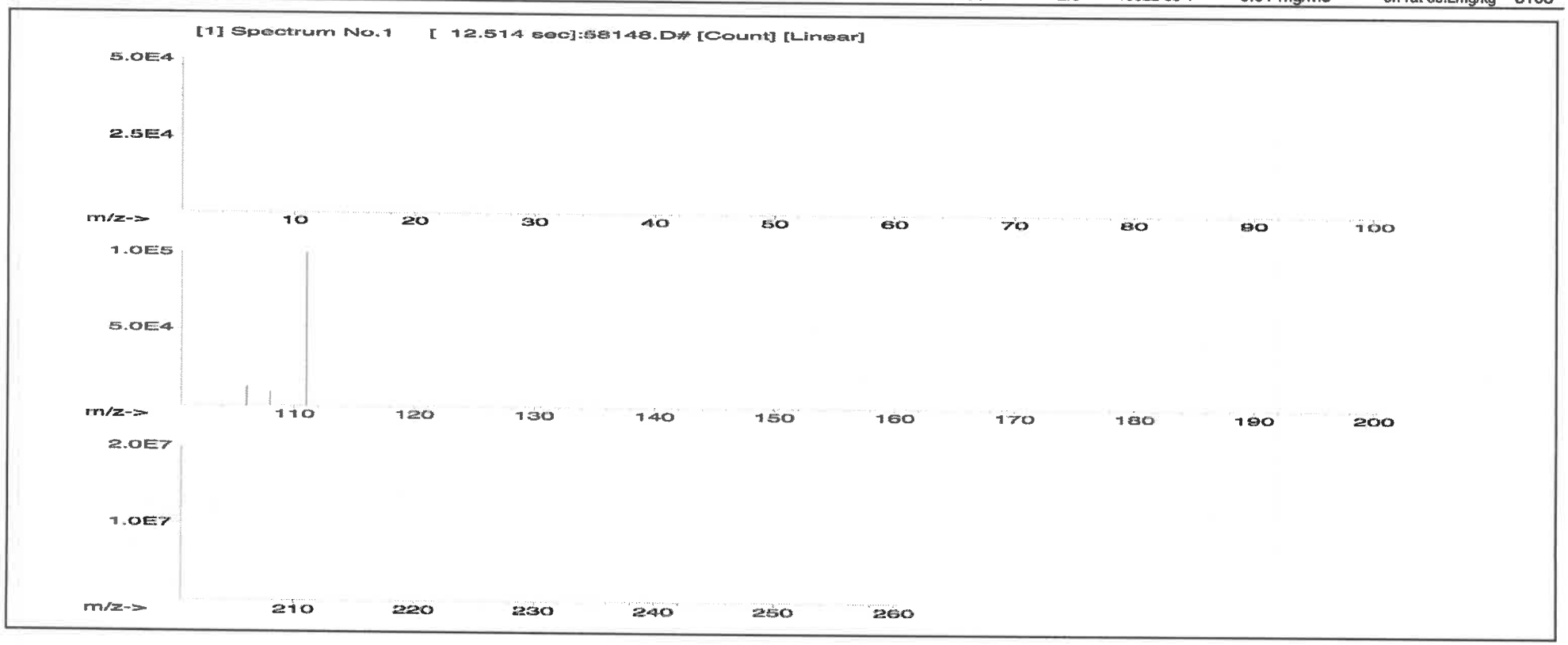
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

M5296 OP: 09/19/2022 BH

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Refine your results. Redefine your industry.

Certificate of Analysis

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CHEM-CLP-4
Lot Number:	S2-MEB711673
Matrix:	3% (v/v) HNO3 3% (v/v) HF
Value / Analyte(s):	1 000 µg/mL ea: Boron, Molybdenum, Silicon, Tin, Titanium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Boron, B	**1 000 ± 6 µg/mL**	**Molybdenum, Mo**	**1 000 ± 6 µg/mL**
Silicon, Si	**1 000 ± 7 µg/mL**	**Tin, Sn**	**1 000 ± 6 µg/mL**
Titanium, Ti	**1 000 ± 7 µg/mL**		

Density: 1.030 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
B	ICP Assay	3107	110830
Mo	ICP Assay	3134	130418
Si	ICP Assay	3150	130912
Sn	ICP Assay	3161a	140917
Ti	ICP Assay	3162a	130925

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

November 02, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **November 02, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-CAL-1
Lot Number:	T2-MEB714417
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	5 000 µg/mL ea: Calcium, Potassium, Magnesium, Sodium, 2 000 µg/mL ea: Aluminum, Barium, 1 000 µg/mL ea: Iron, 500 µg/mL ea: Nickel, Vanadium, Zinc, Cobalt, Manganese, 250 µg/mL ea: Silver, Copper, 200 µg/mL ea: Chromium, 50 µg/mL ea: Beryllium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**2 000 ± 7 µg/mL**	**Barium, Ba**	**2 000 ± 9 µg/mL**
Beryllium, Be	**50.00 ± 0.26 µg/mL**	**Calcium, Ca**	**5 000 ± 22 µg/mL**
Chromium, Cr	**200.0 ± 1.0 µg/mL**	**Cobalt, Co**	**500.0 ± 2.4 µg/mL**
Copper, Cu	**250.0 ± 1.0 µg/mL**	**Iron, Fe**	**1 000 ± 4 µg/mL**
Magnesium, Mg	**5 000 ± 20 µg/mL**	**Manganese, Mn**	**500.0 ± 2.0 µg/mL**
Nickel, Ni	**500.0 ± 2.2 µg/mL**	**Potassium, K**	**5 000 ± 19 µg/mL**
Silver, Ag	**250.0 ± 1.1 µg/mL**	**Sodium, Na**	**5 000 ± 18 µg/mL**
Vanadium, V	**499.7 ± 2.2 µg/mL**	**Zinc, Zn**	**500.0 ± 2.2 µg/mL**

Density: 1.118 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cr	Calculated		See Sec. 4.2
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

January 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **January 27, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

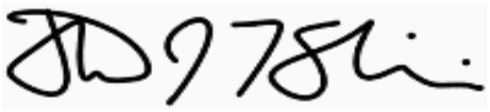
- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-CAL-3
Lot Number:	T2-MEB714159
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	1 000 µg/mL ea: Arsenic, Lead, Selenium, Thallium, 500 µg/mL ea: Cadmium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Arsenic, As	**1 000 ± 8 µg/mL**	**Cadmium, Cd**	**500.0 ± 2.1 µg/mL**
Lead, Pb	**1 000 ± 5 µg/mL**	**Selenium, Se**	**1 000 ± 8 µg/mL**
Thallium, Tl	**1 000 ± 7 µg/mL**		

Density: 1.043 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	3103a	100818
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Tl	ICP Assay	3158	151215

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

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- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

January 13, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **January 13, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

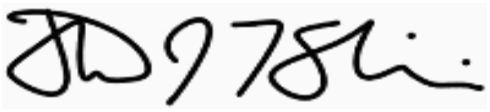
- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R: 8/5/24

247

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

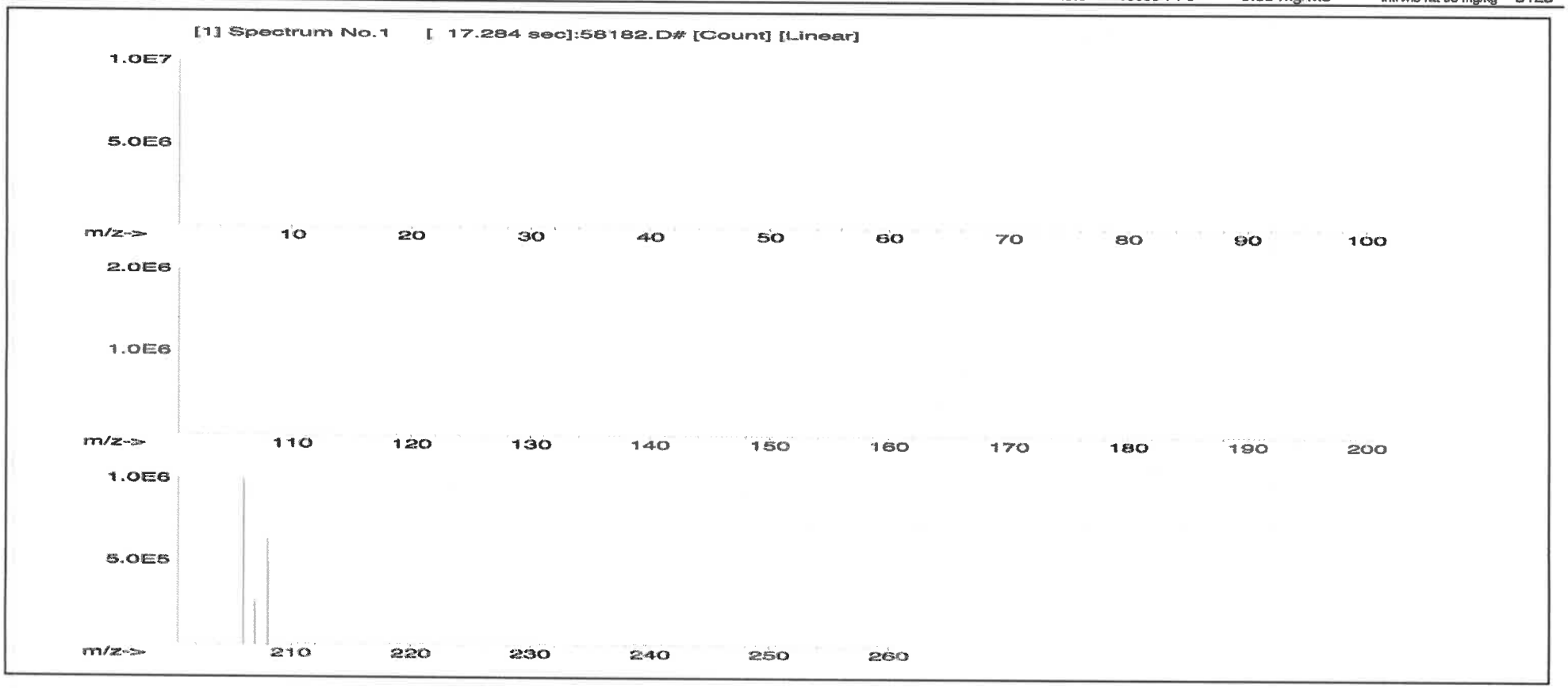
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546		Nitric Acid
	2%	40.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-AES (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix. **For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-1211" and for the ICSAB mixture use "ICSA-1211+ICSB-0710".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The interference check sample set is to be used to verify inter-element and background correction factors of inductively-coupled plasma (ICP) spectrometers. This reference material set consists of two (2) concentrated solutions. The ICSA solution contains the four (4) interferent elements: Al, Ca, Fe, and Mg. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be,

Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for ICP-AES Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-1211, Interferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this ICSA solution by ICP-AES.

ICSB-0710, Analytes, mixed with ICSA-1211, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this ICSAB solution by ICP-AES.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-AES ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-AES ICSA-1211, AND ICSA-1211 MIXED WITH ICSB-0710

Element	CRQL	Part A (µg/L)	Low Limit (µg/L)	High Limit (µg/L)	Part A +Part B (µg/L)	Low Limit (µg/L)	High Limit (µg/L)
Al	200	255000	216000	294000	247000	209000	285000
Sb	60	(0.0)	-60.0	60.0	618	525	711
As	10	(0.0)	-10.0	10.0	104	88.4	120
Ba	200	(6.0)	-194	206	(537)	337	737
Be	5.0	(0.0)	-5.0	5.0	495	420	570
Cd	5.0	(1.0)	-4.0	6.0	972	826	1120
Ca	5000	245000	208000	282000	235000	199000	271000
Cr	10	(52.0)	42.0	62.0	542	460	624
Co	50	(0.0)	-50.0	50.0	476	404	548
Cu	25	(2.0)	-23.0	27.0	511	434	588
Fe	100	101000	85600	116500	99300	84400	114500
Pb	10	(0.0)	-10.0	10.0	(49.0)	39.0	59.0
Mg	5000	255000	216000	294000	248000	210000	286000
Mn	15	(7.0)	-8.0	22.0	507	430	584
Ni	40	(2.0)	-38.0	42.0	954	810	1100
Se	35	(0.0)	-35.0	35.0	(46.0)	11.0	81.0
Ag	10	(0.0)	-10.0	10.0	201	170	232
Tl	25	(0.0)	-25.0	25.0	(108)	83.0	133
V	50	(0.0)	-50.0	50.0	491	417	565
Zn	60	(0.0)	-60.0	60.0	952	809	1095

ICSA M5126 M5127 M5128 M5129 M5130

ICSB M5219 M5220 M5221 M5222 M5223

The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 1 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CHEM-QC-4
Lot Number:	S2-MEB711674
Matrix:	3% (v/v) HNO3 3% (v/v) HF
Value / Analyte(s):	1 000 µg/mL ea: Boron, Molybdenum, Silicon, Tin, Titanium

Second Source: Whenever possible, this solution was manufactured from a second set of concentrates in our manufacturing facility.

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Boron, B	**1 000 ± 7 µg/mL**	**Molybdenum, Mo**	**1 000 ± 5 µg/mL**
Silicon, Si	**1 000 ± 7 µg/mL**	**Tin, Sn**	**1 000 ± 5 µg/mL**
Titanium, Ti	**1 001 ± 6 µg/mL**		

Density: 1.032 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
B	ICP Assay	3107	110830
Mo	ICP Assay	3134	130418
Si	ICP Assay	3150	130912
Sn	ICP Assay	3161a	140917
Ti	ICP Assay	3162a	130925

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

November 02, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **November 02, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-AES (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix. **For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-1211" and for the ICSAB mixture use "ICSA-1211+ICSB-0710".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The interference check sample set is to be used to verify inter-element and background correction factors of inductively-coupled plasma (ICP) spectrometers. This reference material set consists of two (2) concentrated solutions. The ICSA solution contains the four (4) interferent elements: Al, Ca, Fe, and Mg. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be,

Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for ICP-AES Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-1211, Interferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this ICSA solution by ICP-AES.

ICSB-0710, Analytes, mixed with ICSA-1211, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this ICSAB solution by ICP-AES.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-AES ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-AES ICSA-1211, AND ICSA-1211 MIXED WITH ICSB-0710

Element	CRQL	Part A (µg/L)	Low Limit (µg/L)	High Limit (µg/L)	Part A +Part B (µg/L)	Low Limit (µg/L)	High Limit (µg/L)
Al	200	255000	216000	294000	247000	209000	285000
Sb	60	(0.0)	-60.0	60.0	618	525	711
As	10	(0.0)	-10.0	10.0	104	88.4	120
Ba	200	(6.0)	-194	206	(537)	337	737
Be	5.0	(0.0)	-5.0	5.0	495	420	570
Cd	5.0	(1.0)	-4.0	6.0	972	826	1120
Ca	5000	245000	208000	282000	235000	199000	271000
Cr	10	(52.0)	42.0	62.0	542	460	624
Co	50	(0.0)	-50.0	50.0	476	404	548
Cu	25	(2.0)	-23.0	27.0	511	434	588
Fe	100	101000	85600	116500	99300	84400	114500
Pb	10	(0.0)	-10.0	10.0	(49.0)	39.0	59.0
Mg	5000	255000	216000	294000	248000	210000	286000
Mn	15	(7.0)	-8.0	22.0	507	430	584
Ni	40	(2.0)	-38.0	42.0	954	810	1100
Se	35	(0.0)	-35.0	35.0	(46.0)	11.0	81.0
Ag	10	(0.0)	-10.0	10.0	201	170	232
Tl	25	(0.0)	-25.0	25.0	(108)	83.0	133
V	50	(0.0)	-50.0	50.0	491	417	565
Zn	60	(0.0)	-60.0	60.0	952	809	1095

ICSA M5126 M5127 M5128 M5129 M5130

ICSB M5219 M5220 M5221 M5222 M5223

The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 1 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

M5289 R: 07/12/22 BH

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

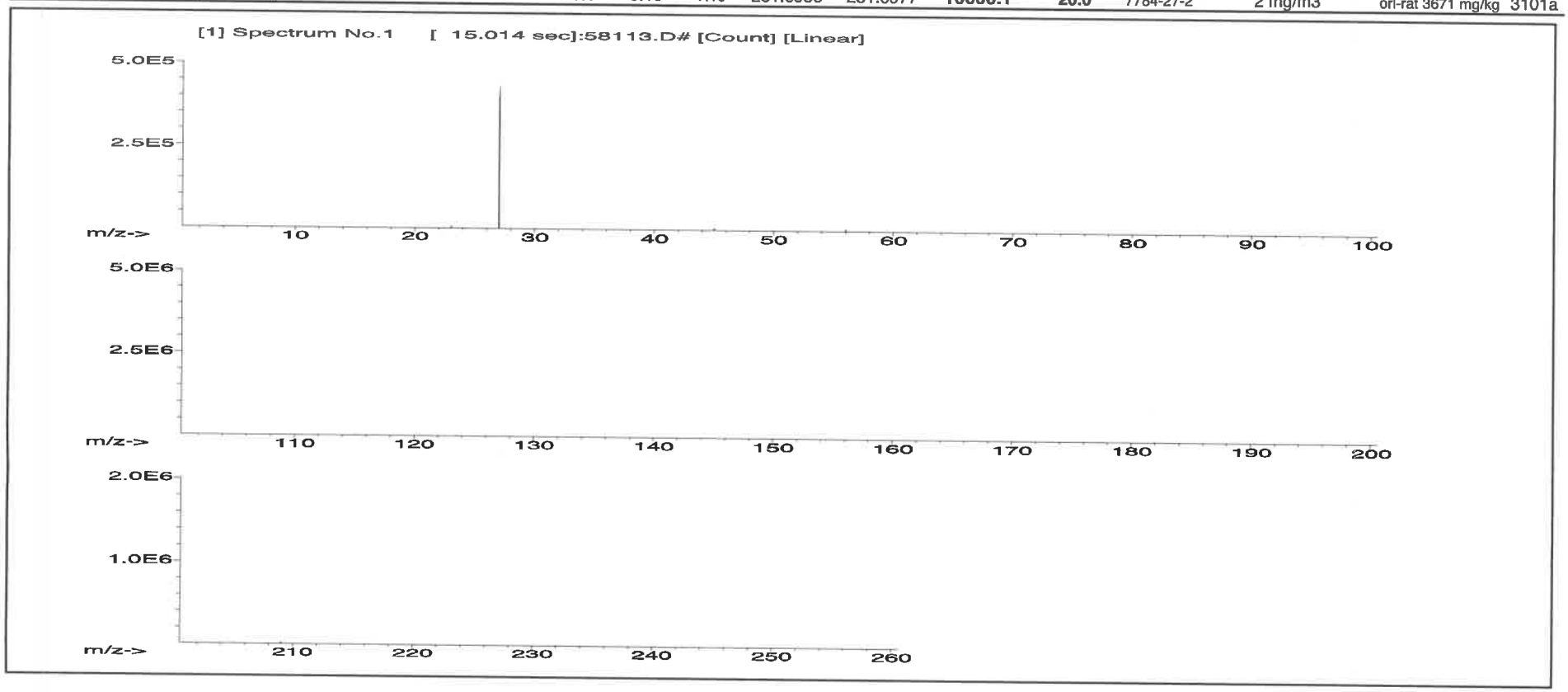
CERTIFIED WEIGHT REPORT:

Part Number:	**58113**		**Solvent:**	20370011	Nitric Acid
Lot Number:	**070622**				
Description:	**Aluminum (Al)**		2%	40.0 (mL)	Nitric Acid
Expiration Date:	070625				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05 Balance Uncertainty			
Weight shown below was diluted to (mL):	2000.02	0.058 Flask Uncertainty			

Lot #

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL
INITIAL CALIBRATION VERIFICATION SOLUTIONS
(ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or
Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

IM5291
IM5292
IM5293
IM5294
IM5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

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R:09/08/22 (BH)

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M5387 . M5389 . M5390 . M5391 . M5392

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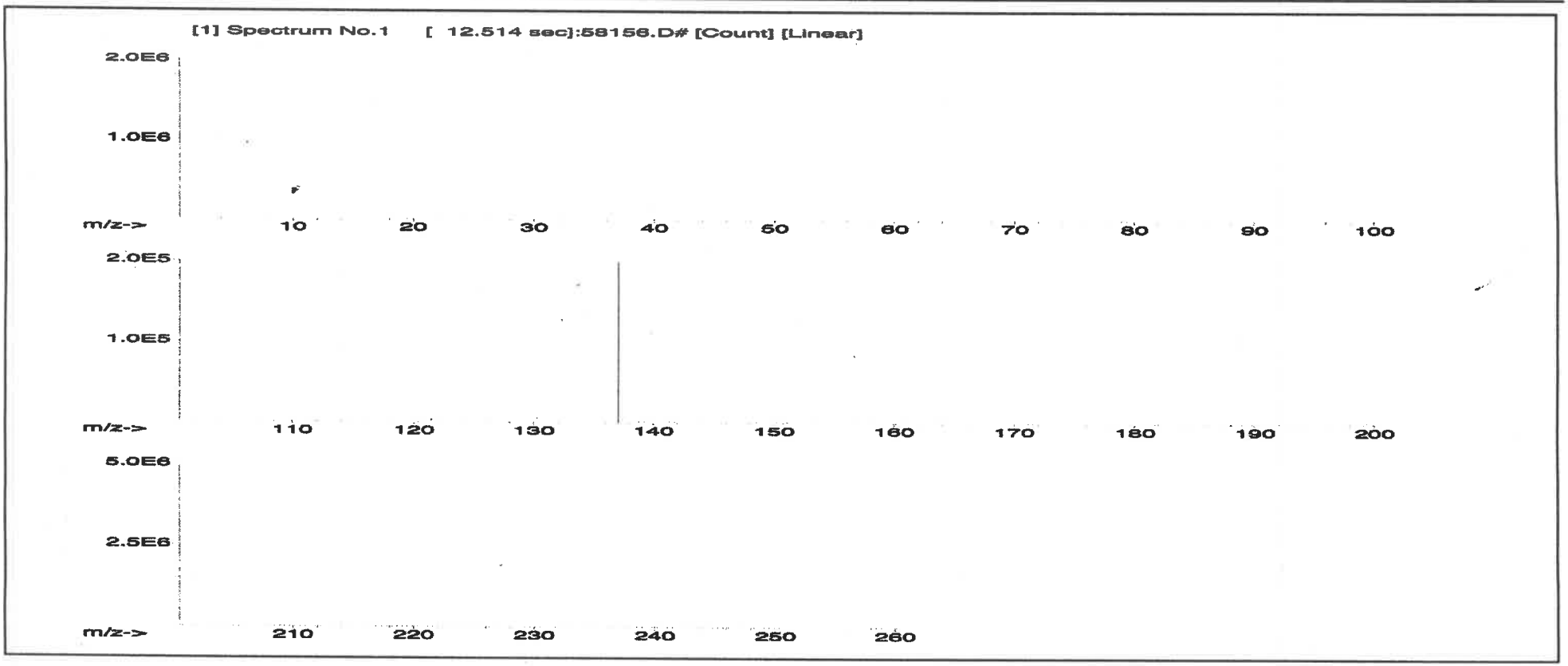
CERTIFIED WEIGHT REPORT:

Part Number:	**57056**		**Lot #**		
Lot Number:	**072122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	072125				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	2.0	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5429 R1 01/26/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 57103
Lot Number: 070622
Description: Lithium (Li)

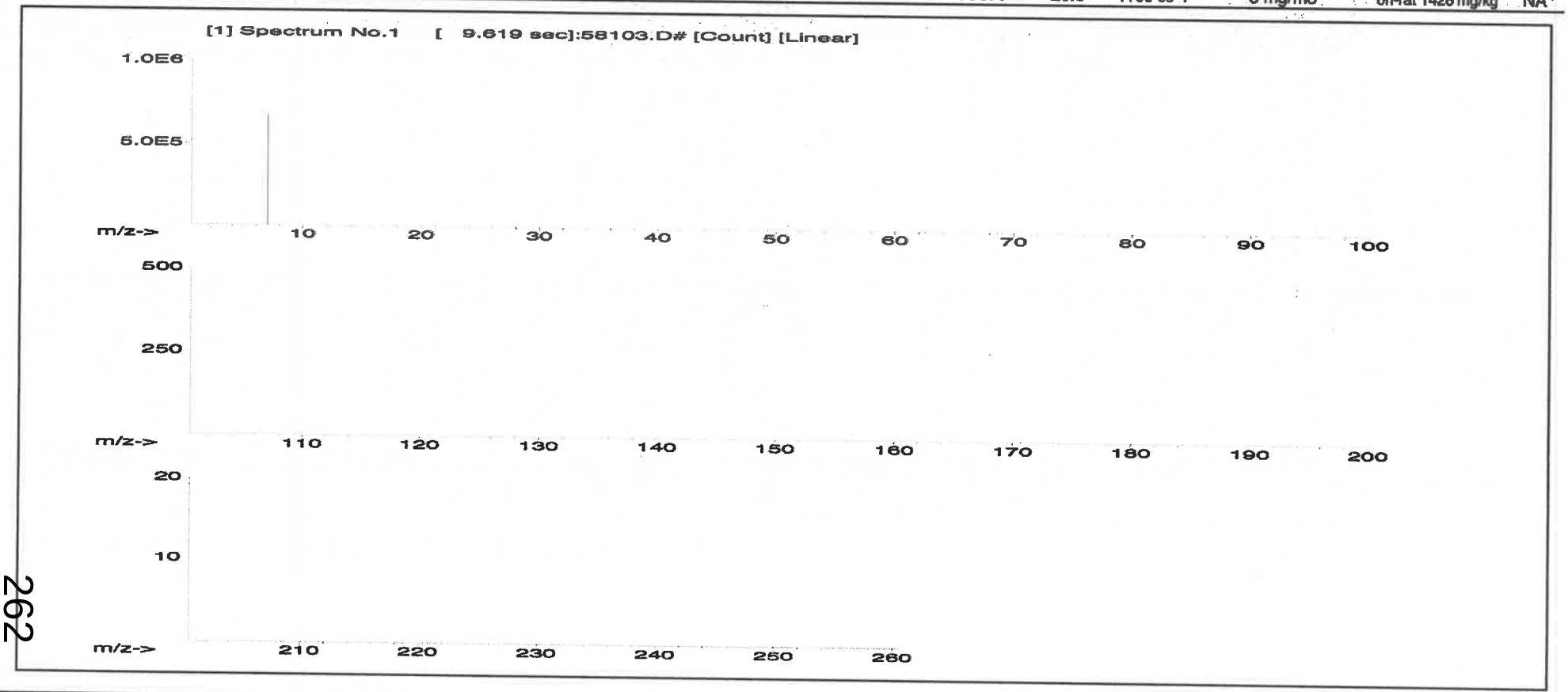
Expiration Date: 070625
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #			
Solvent:	20510011	Nitric Acid		
2%	20.0 (mL)	Nitric Acid		

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lithium nitrate (Li)	IN019	LIZ042018A1	10000	99.999	0.10	10.0	100.0134	100.0173	**10000.4**	**20.0**	7790-69-4	5 mg/m3	orl-rat 1426 mg/kg	NA



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	T	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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IN5497 - IN5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

		Lot #	
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

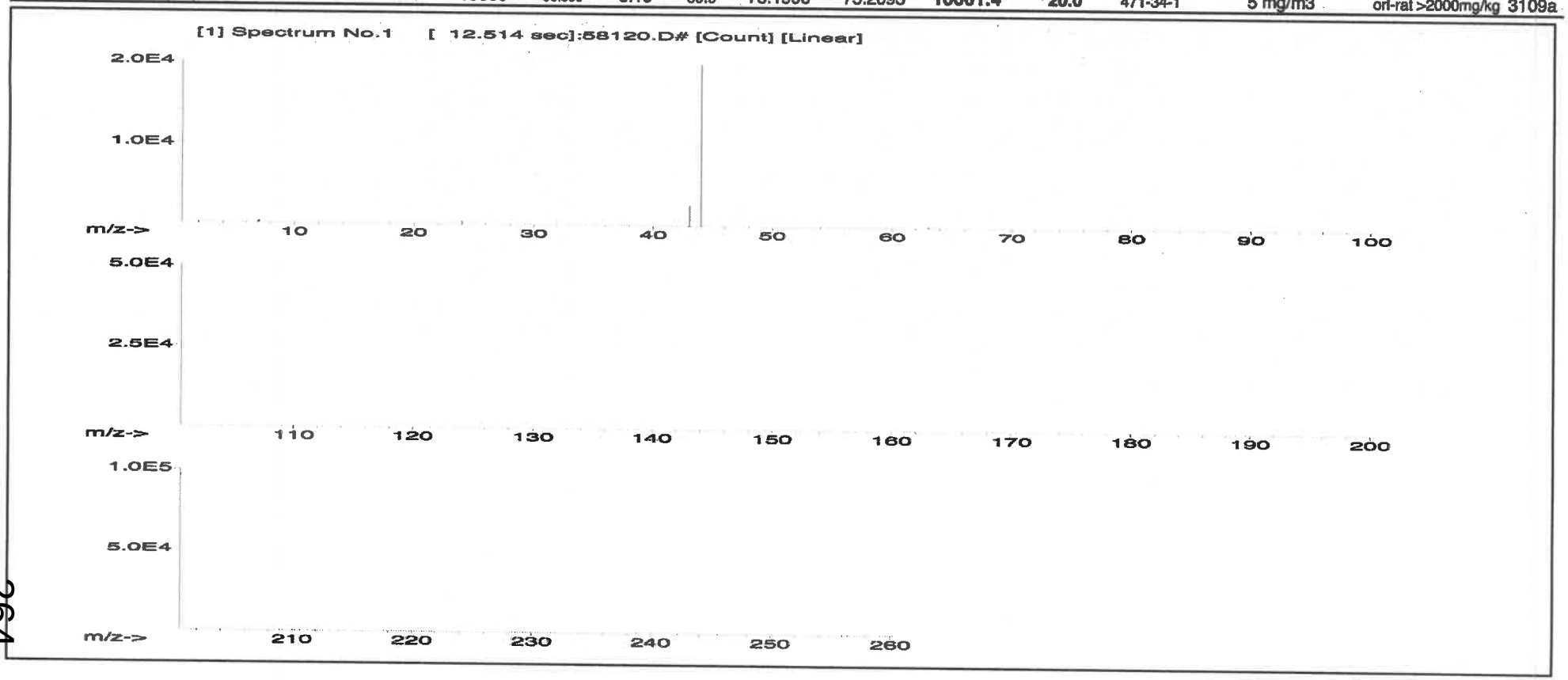
Giovanni Esposito

Formulated By: Giovanni Esposito 031523

Pedro Rentas

Reviewed By: Pedro L. Rentas 031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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MS513 R:03/17/23

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

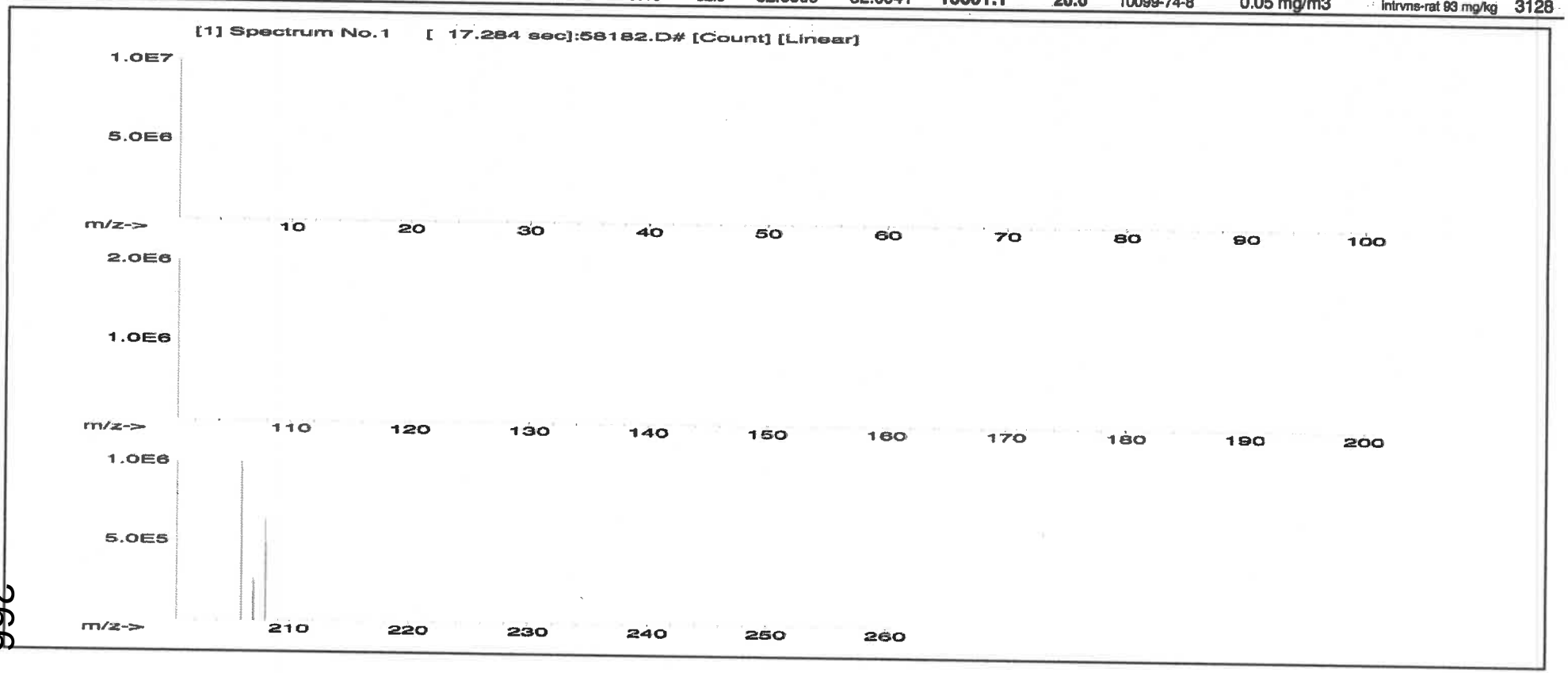
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



266

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5514 - M5515 R: 03/17/22

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CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 5000.1 ± 0.12 Flask Uncertainty

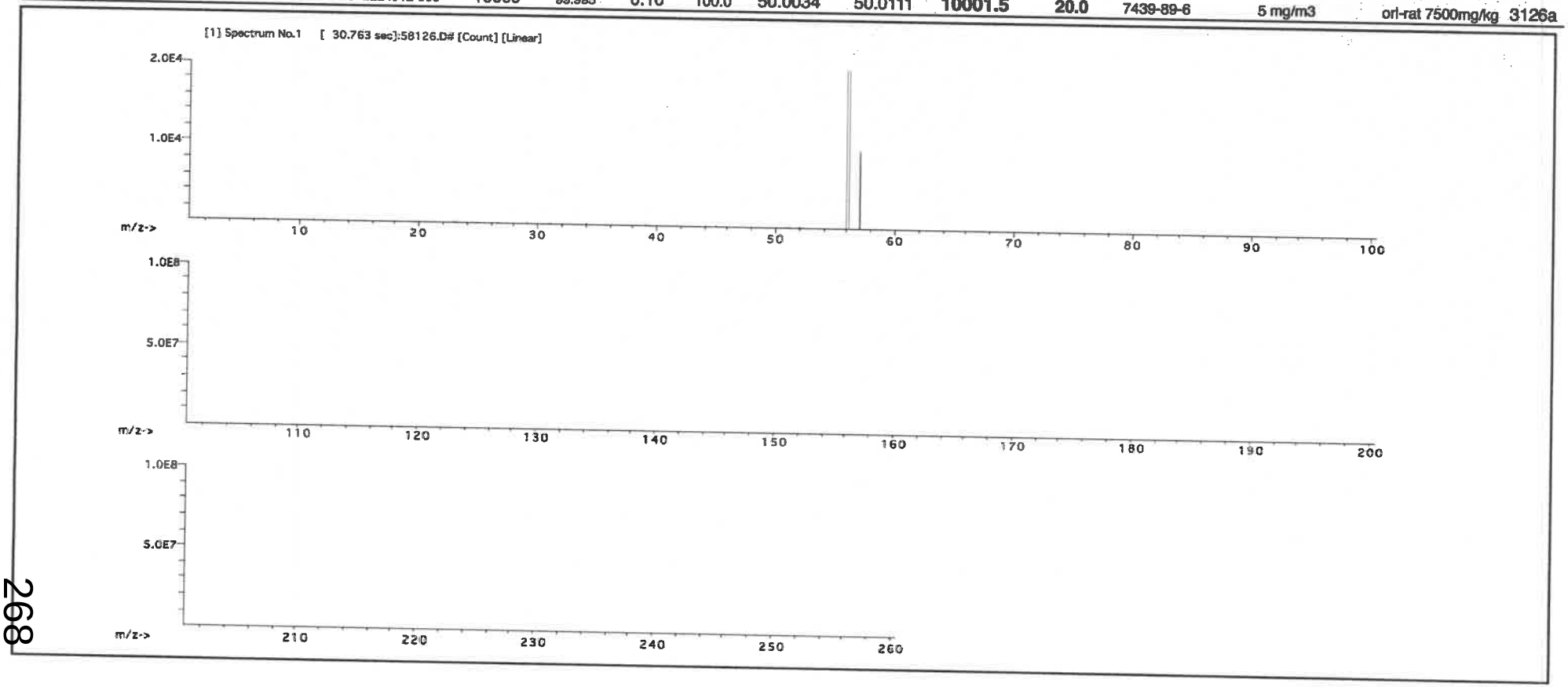
		Lot #	
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5519. M5520 (BH) R:03/17/23

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270

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4

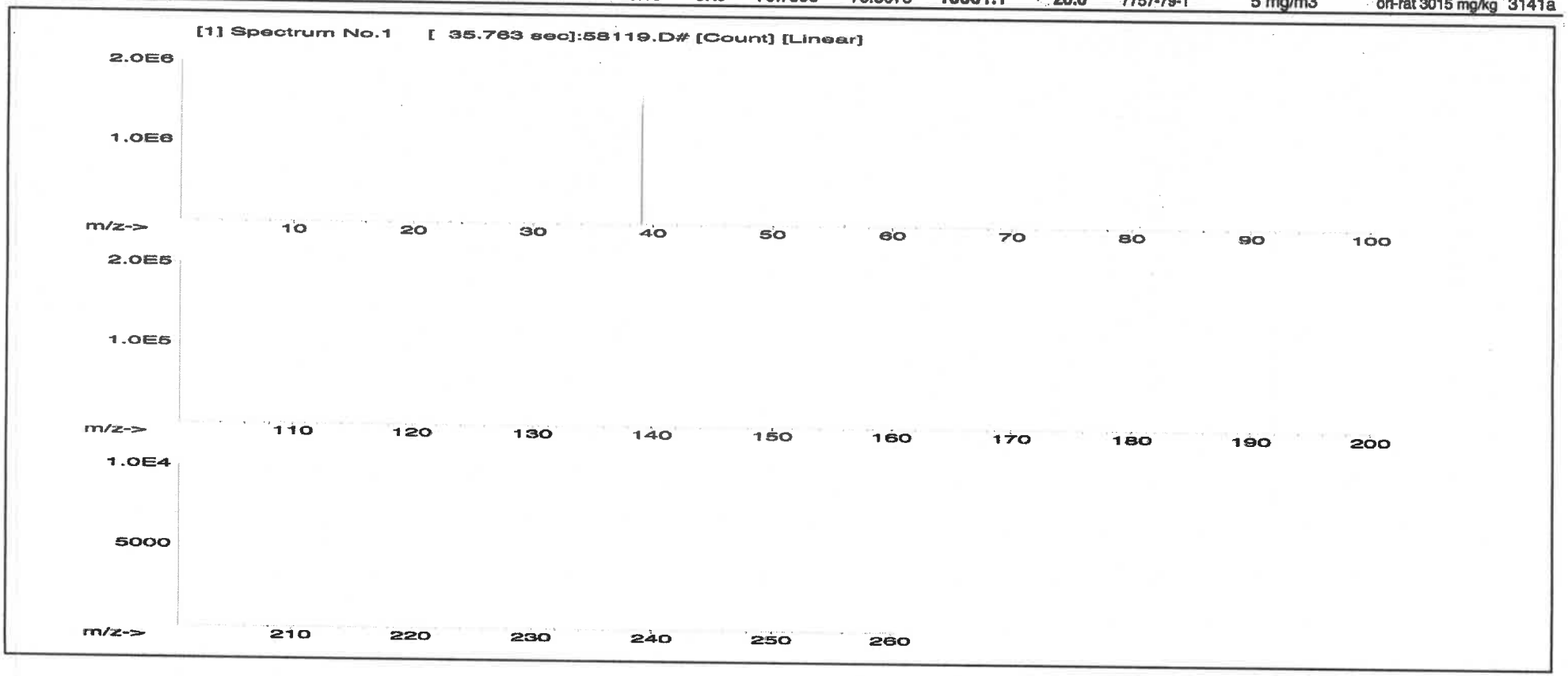
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



271

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

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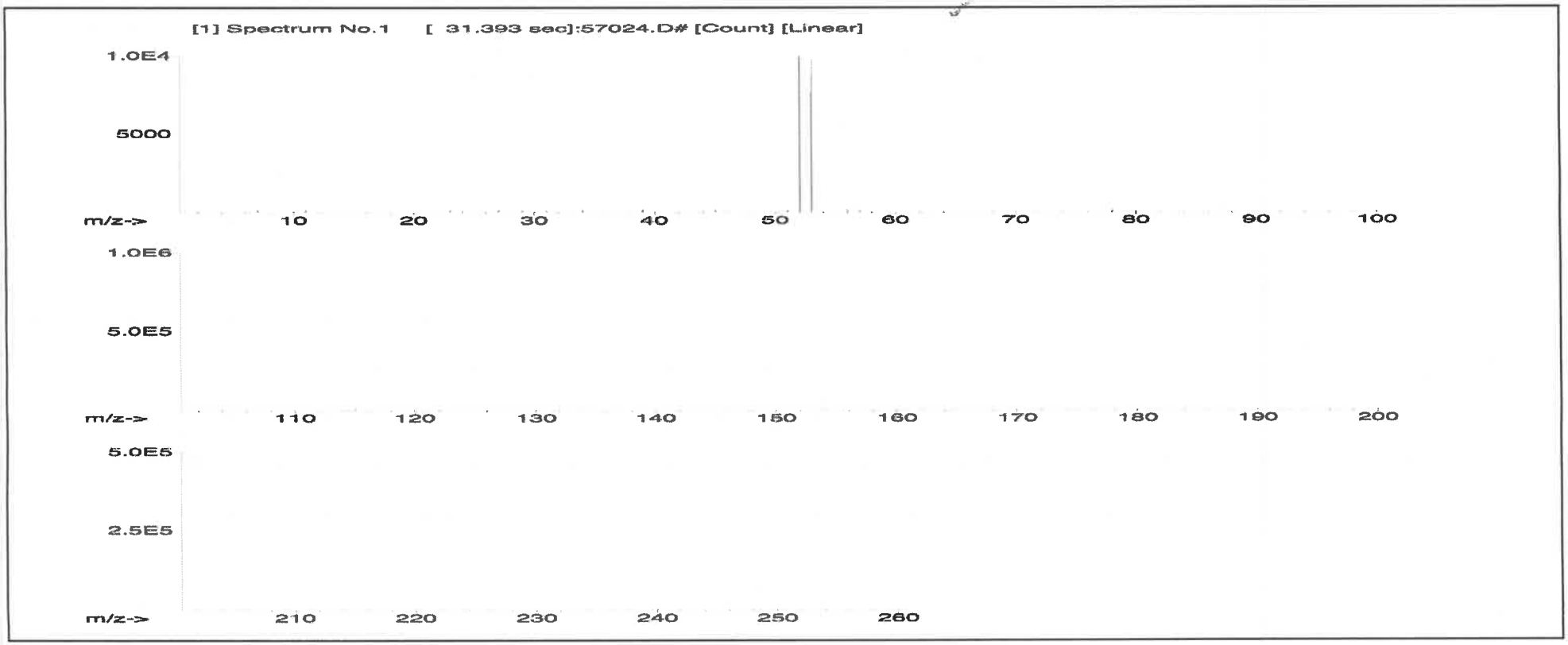
273

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



274

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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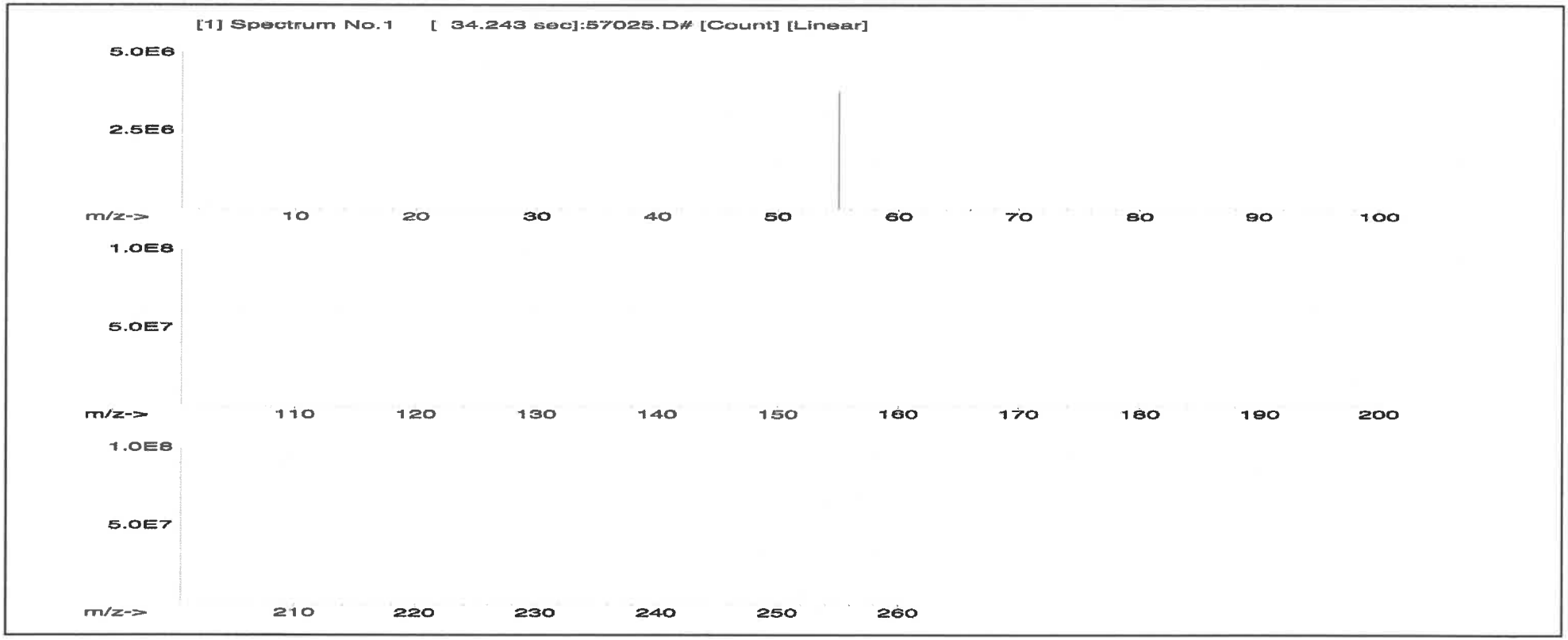
275

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



276

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
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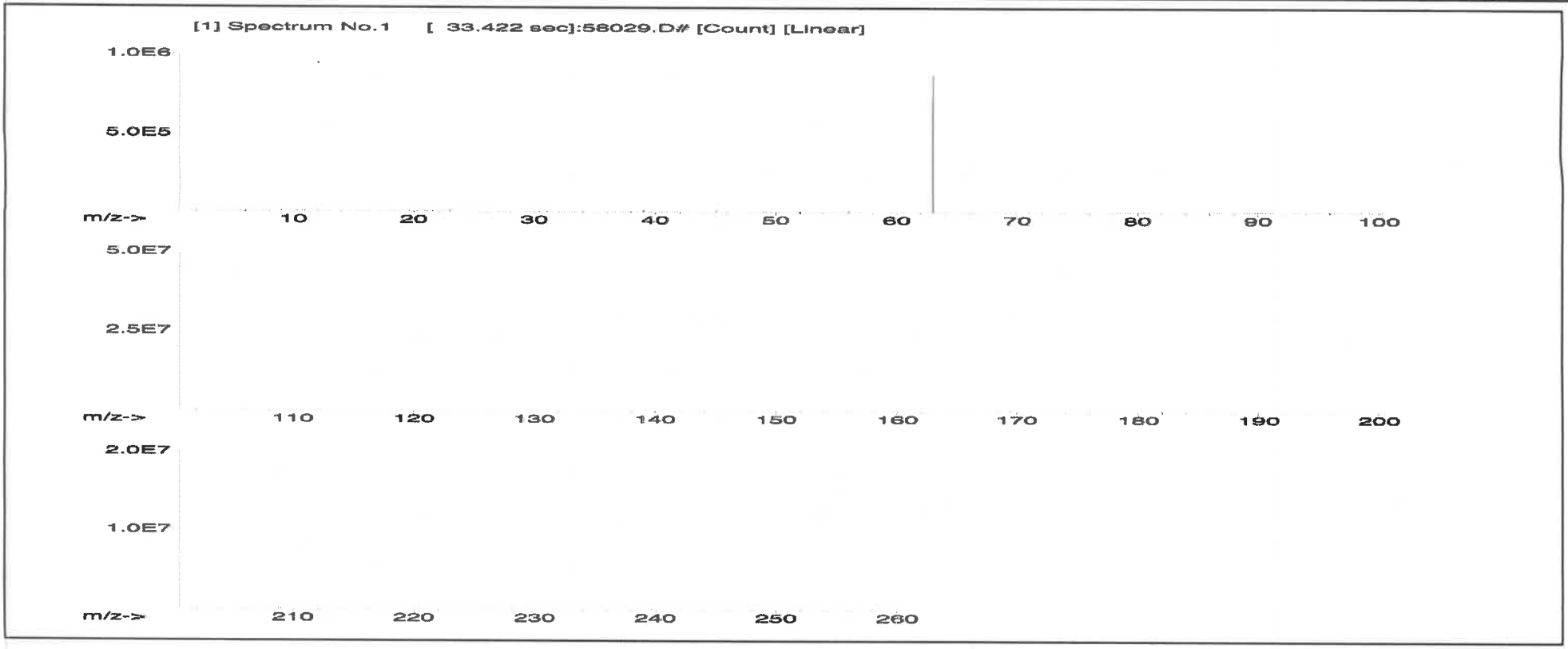
277

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	21110221	Nitric Acid	
Lot Number:	**071723**			
Description:	**Copper (Cu)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071723
Reviewed By:	Pedro L. Rentas	071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



278

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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M5768 M5769 (BP) R:1/3/24

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279

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

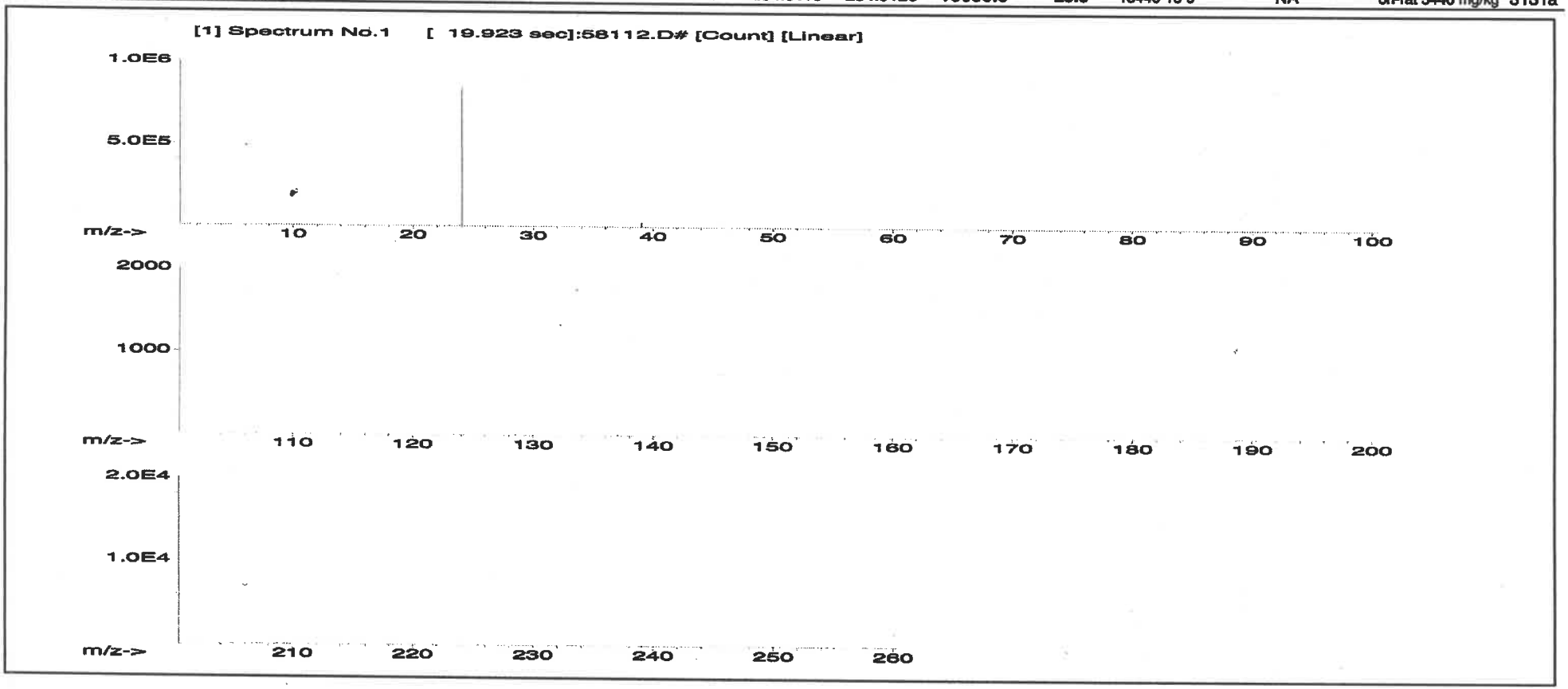
5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	orl-rat 5440 mg/kg	3131a



280

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 02/09/24 M5798

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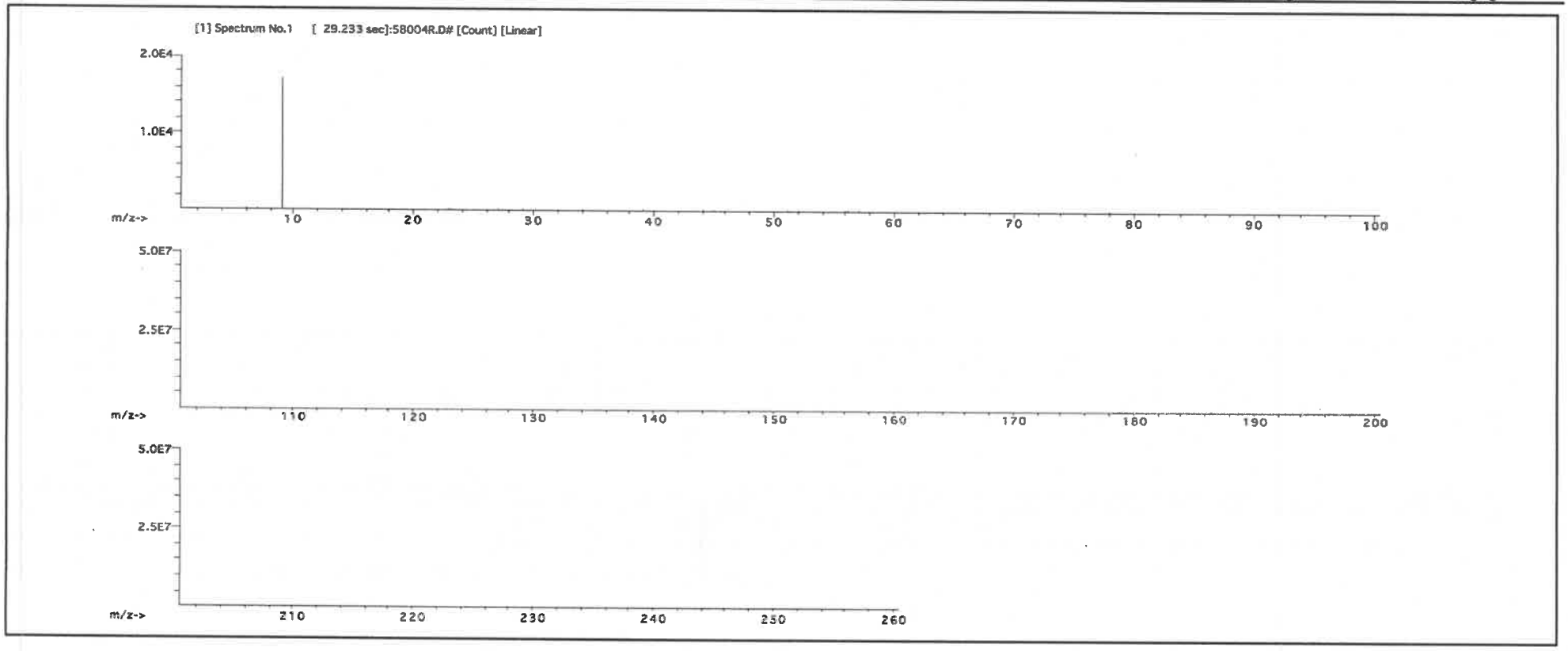
281

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57004**	24002546	Nitric Acid		
Lot Number:	**102523**				
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	102526				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

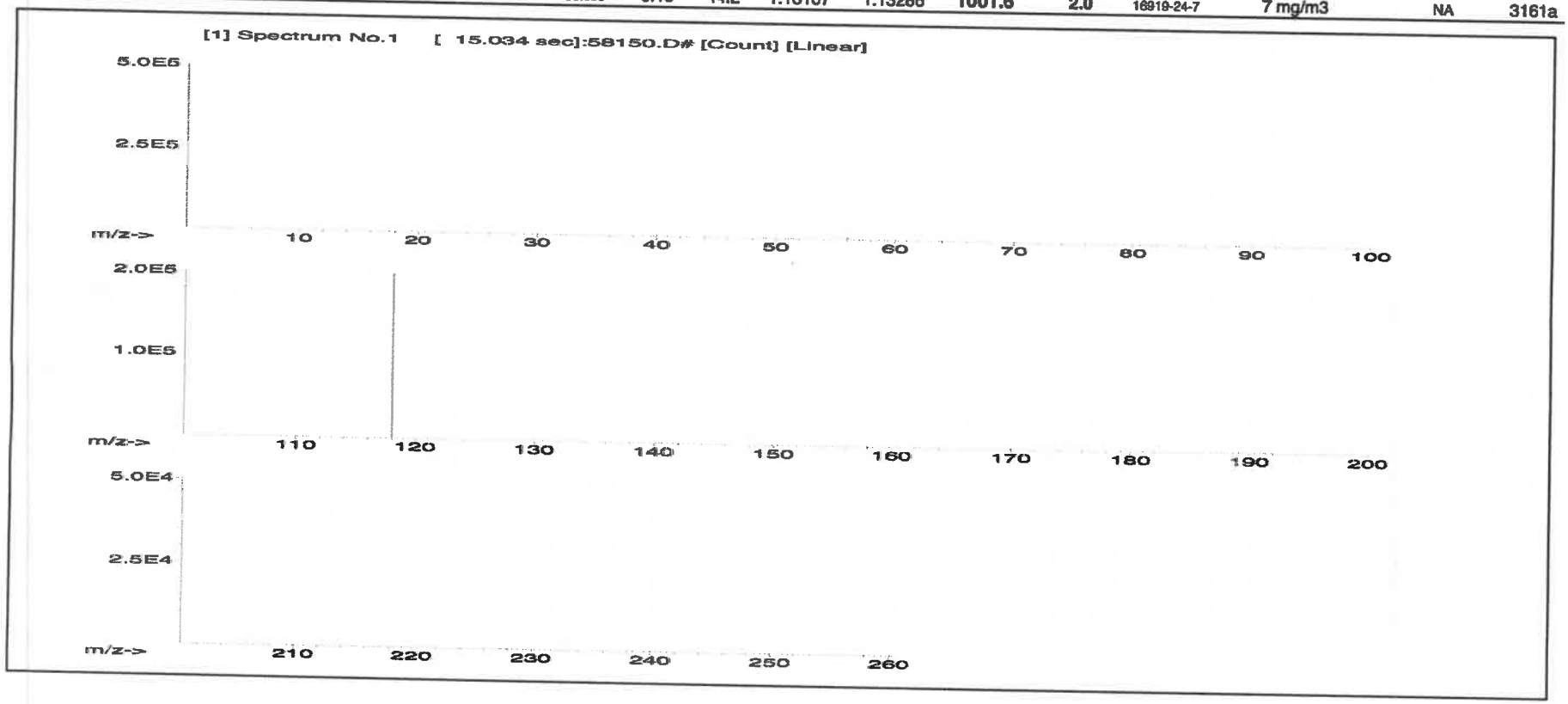
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



284

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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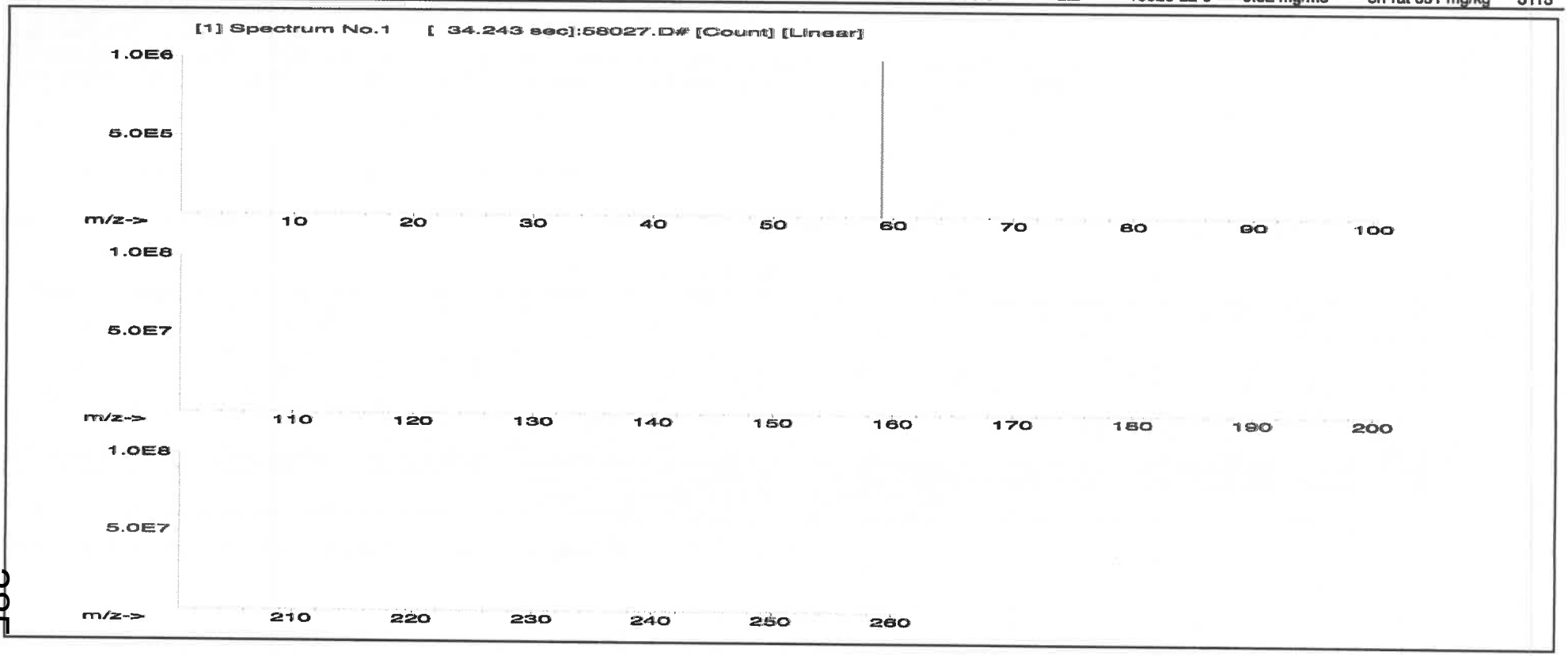
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**				
		2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry 091923
Reviewed By:	Pedro L. Rentas 091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	2.2	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



285

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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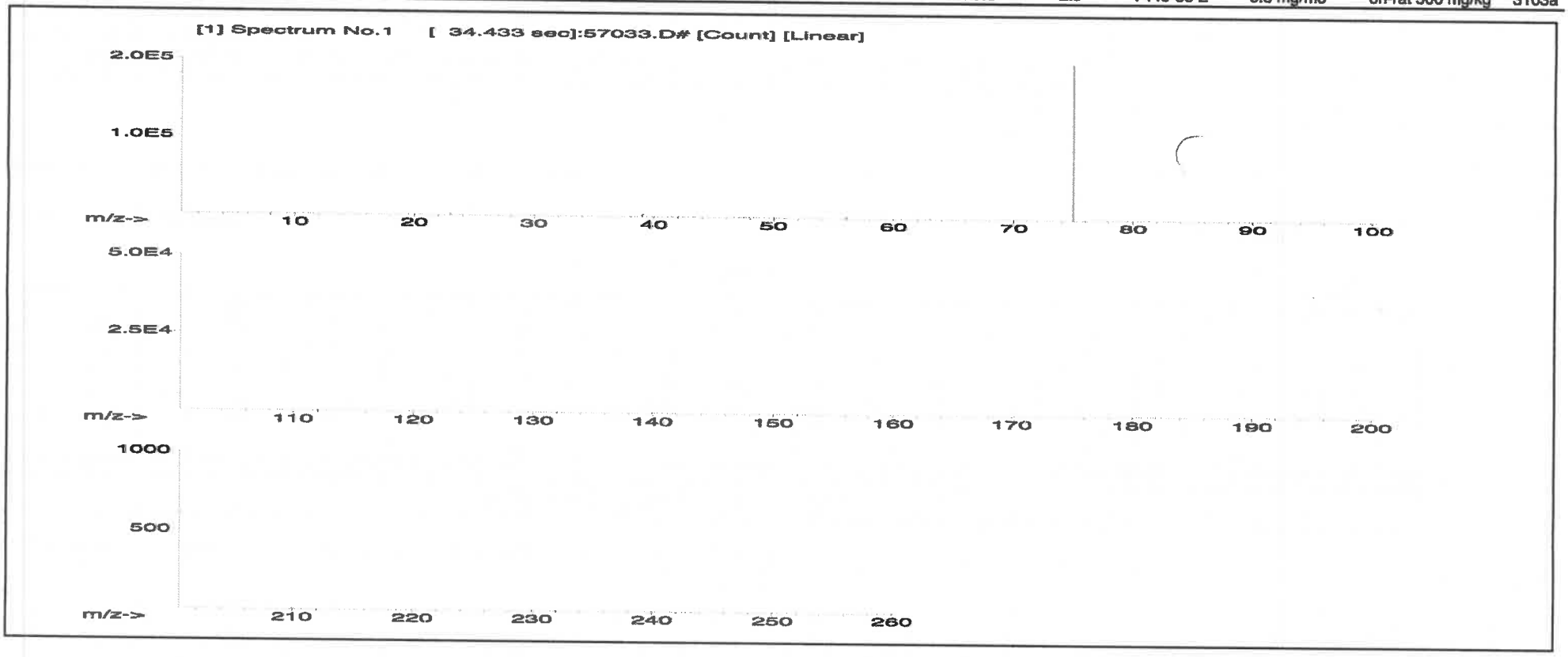
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CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



288

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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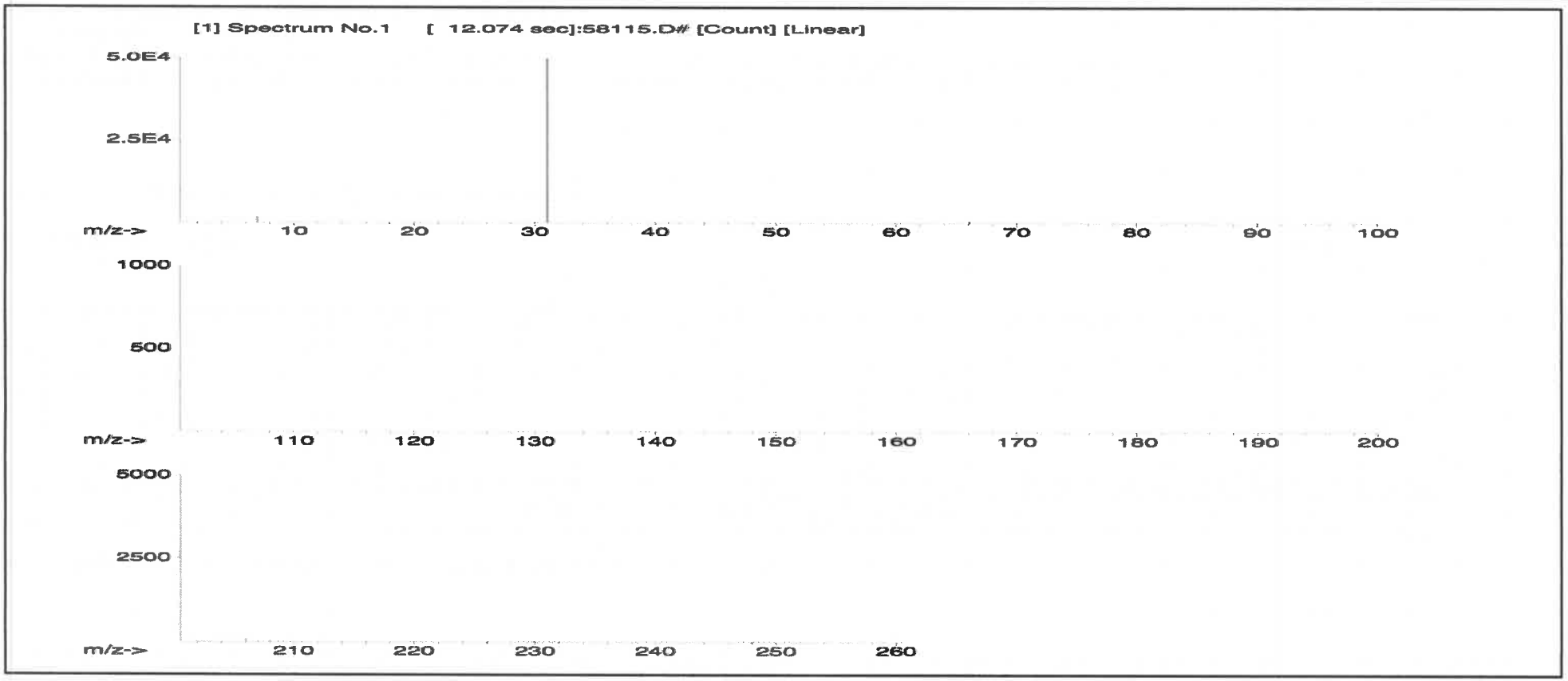
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CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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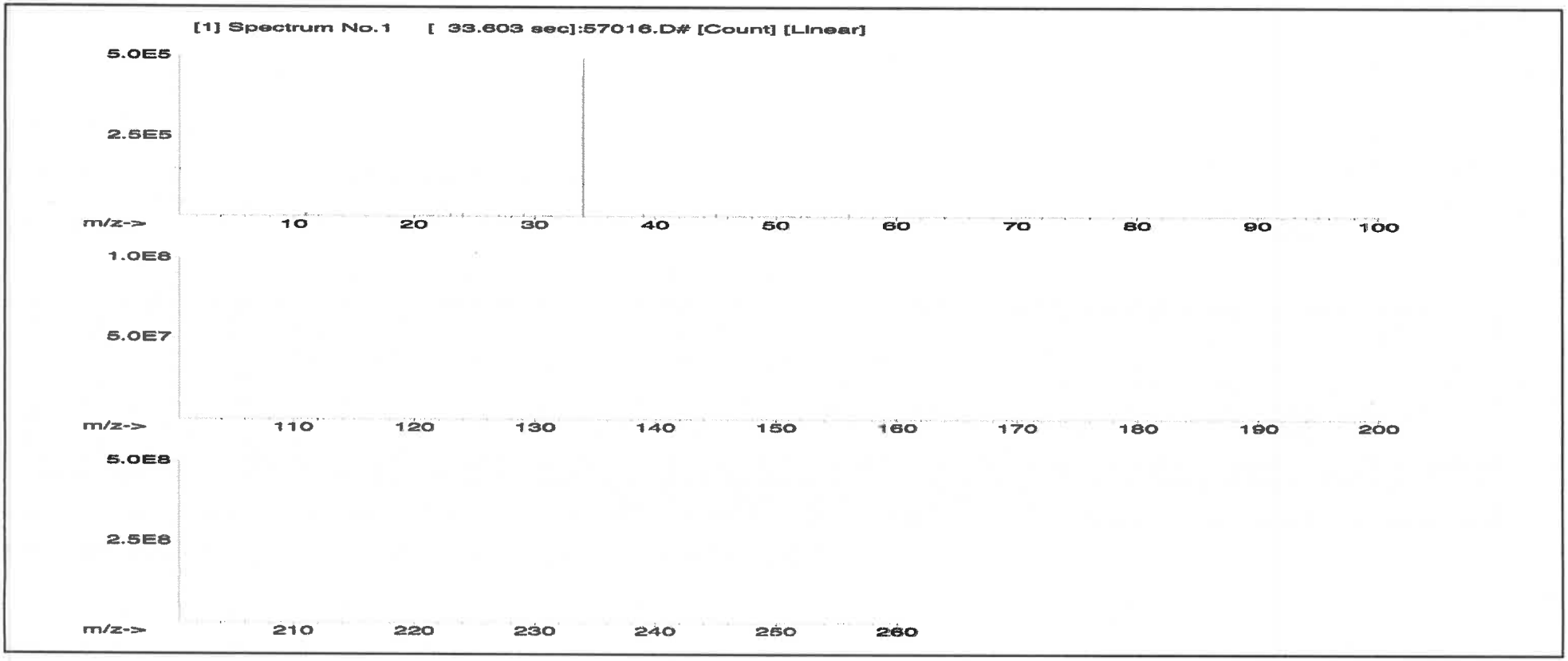
291

CERTIFIED WEIGHT REPORT:

Part Number:	**57016**		**Solvent:**	Lot # 122923	ASTM Type 1 Water
Lot Number:	**122923**				
Description:	**Sulfur (S)**				
Expiration Date:	122926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



292

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 02/09/24 M5817

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293

CERTIFIED WEIGHT REPORT:

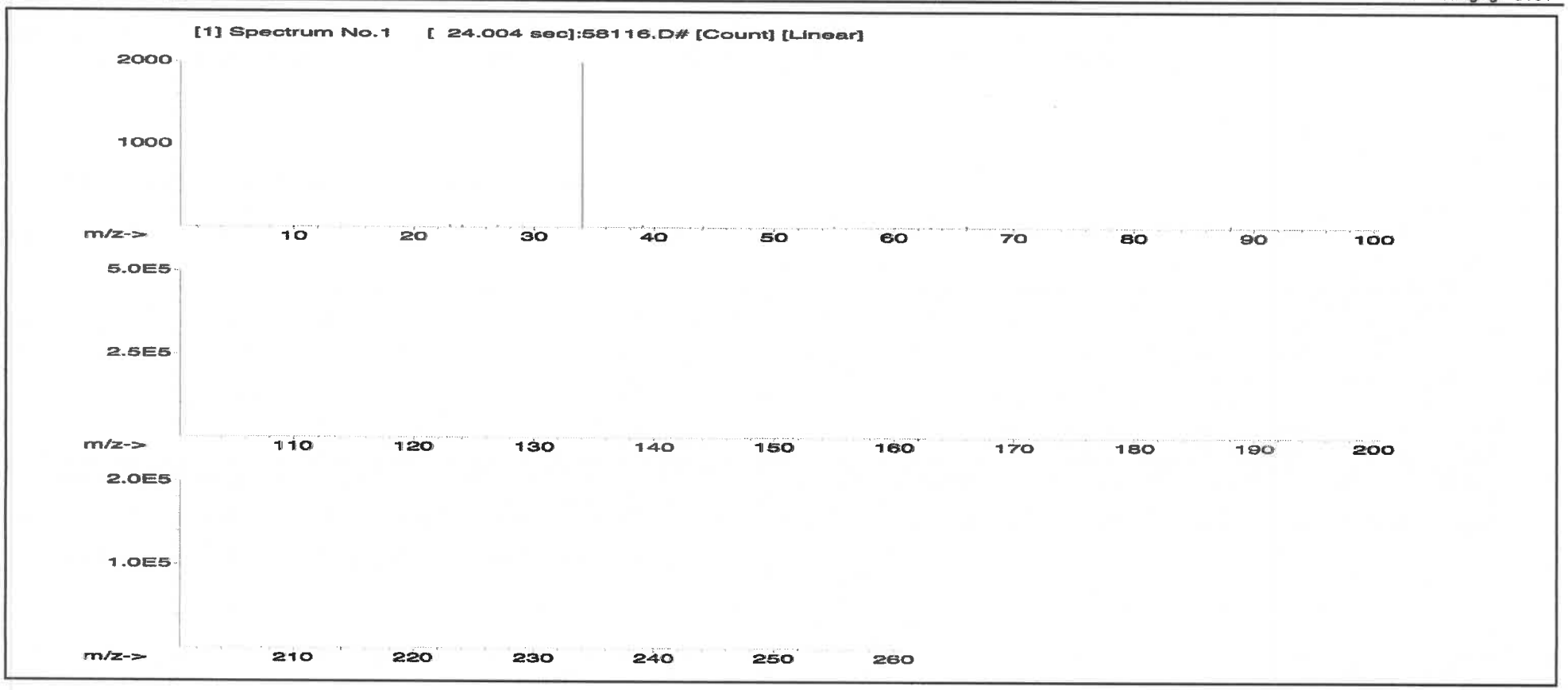
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry 071123
Reviewed By:	Pedro L. Rentas 071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	ori-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Lot #

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

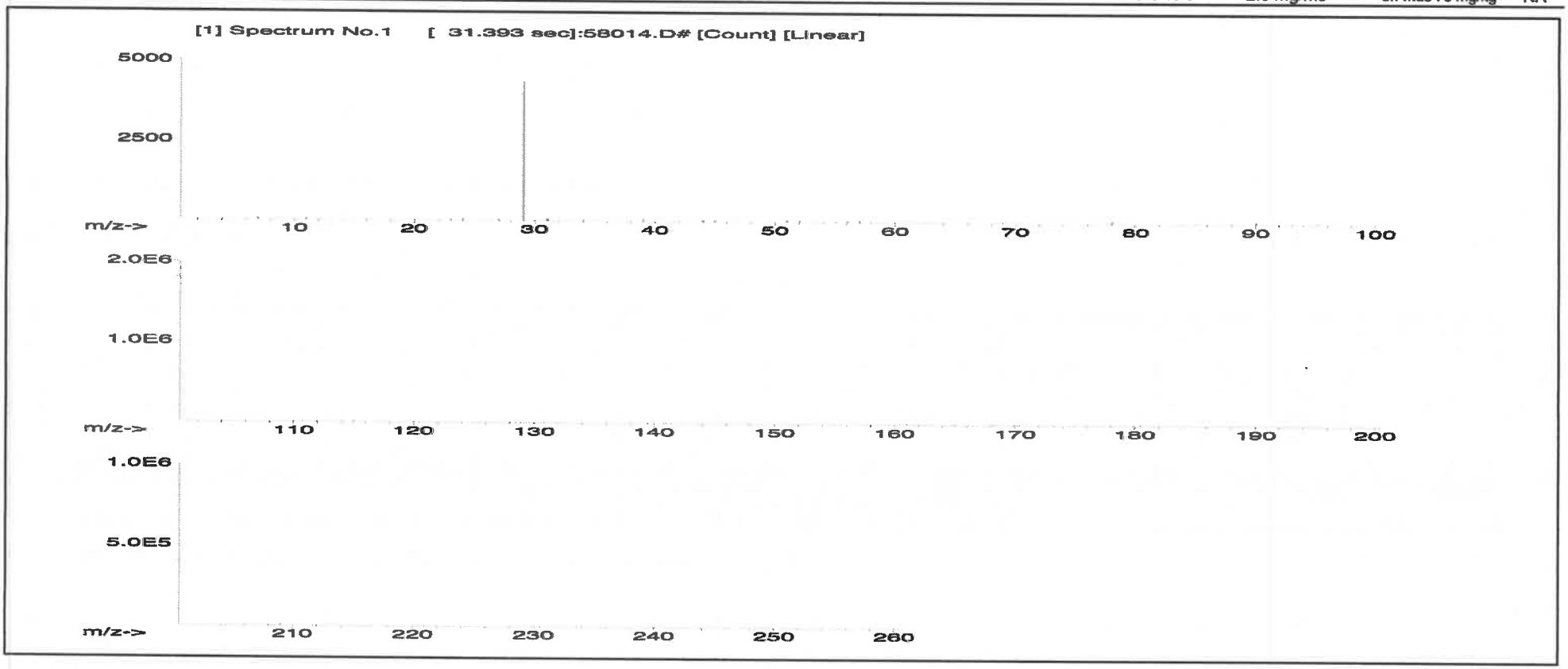
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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297

CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

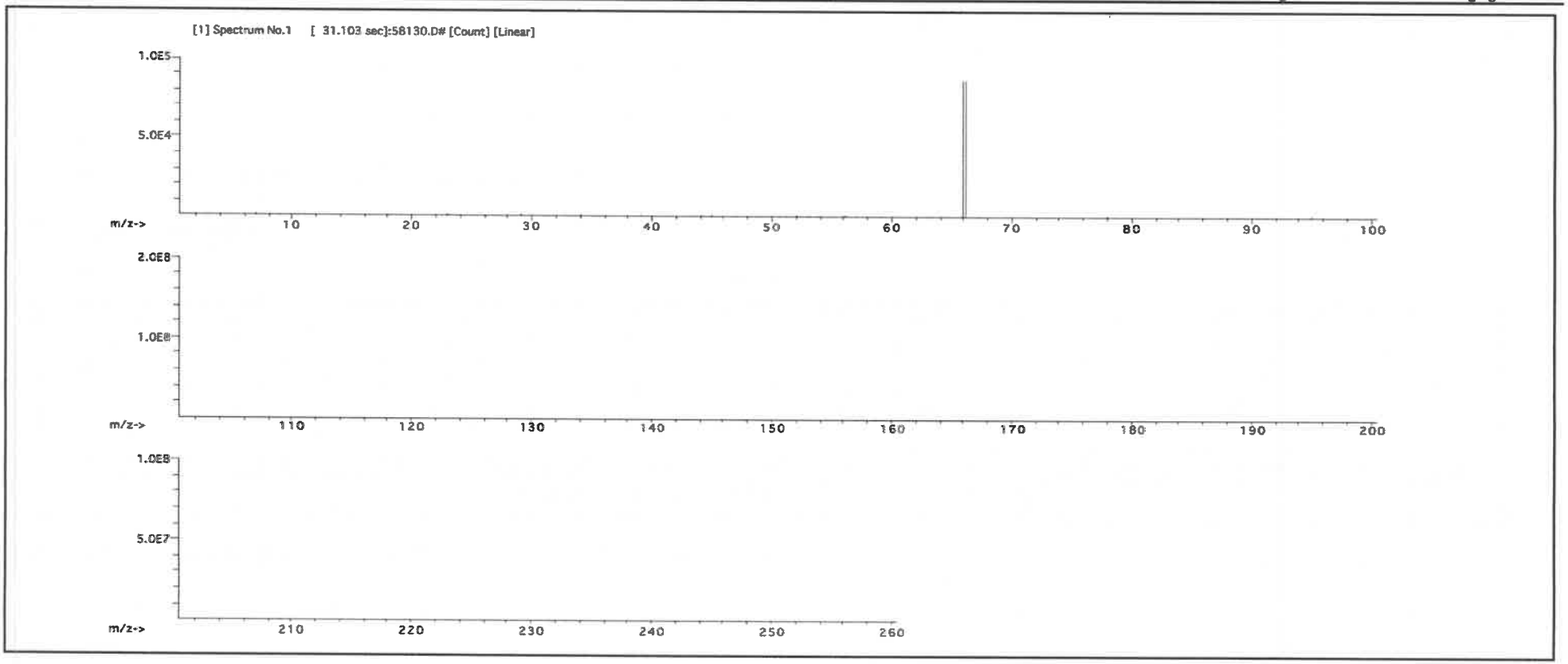
Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #	
Solvent:	24002546	Nitric Acid	
	2%	60.0 (mL)	Nitric Acid
	5E-05	Balance Uncertainty	

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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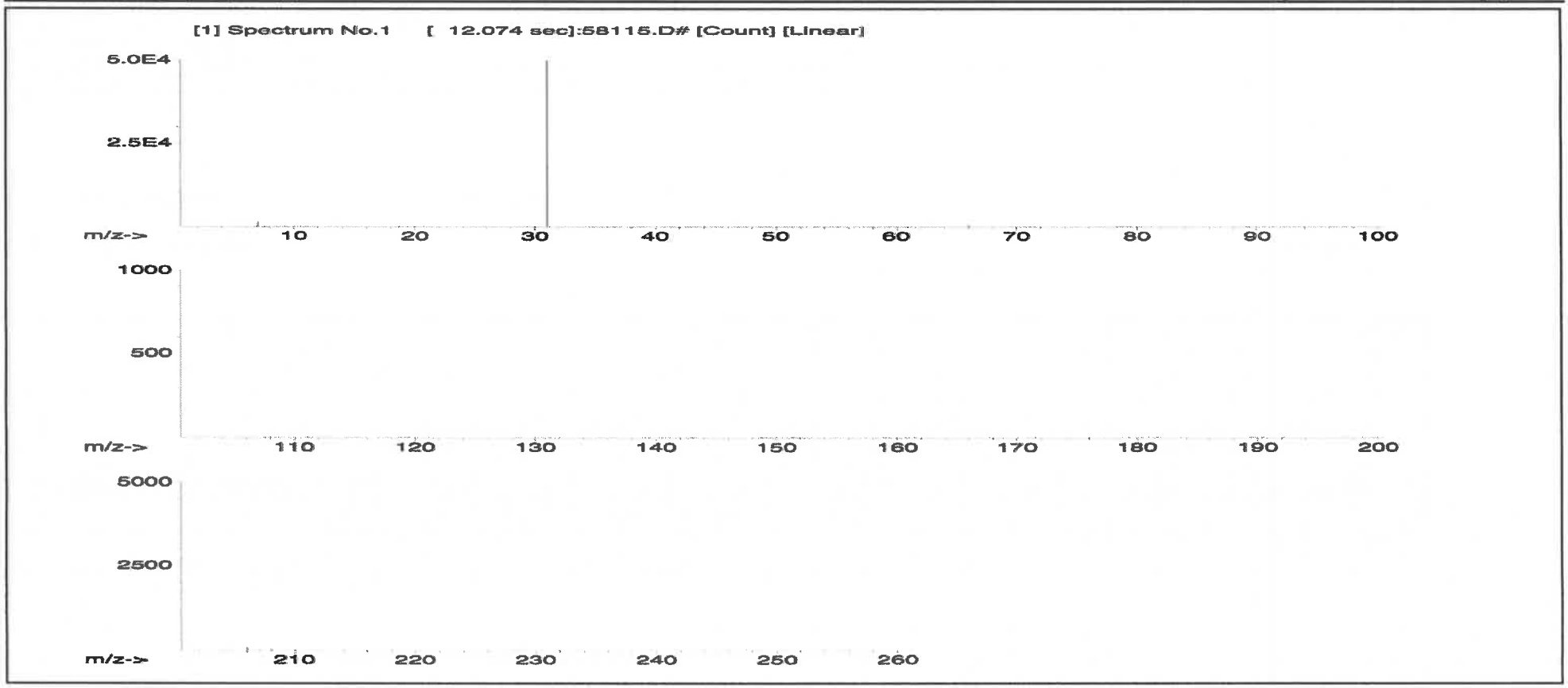
299

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



300

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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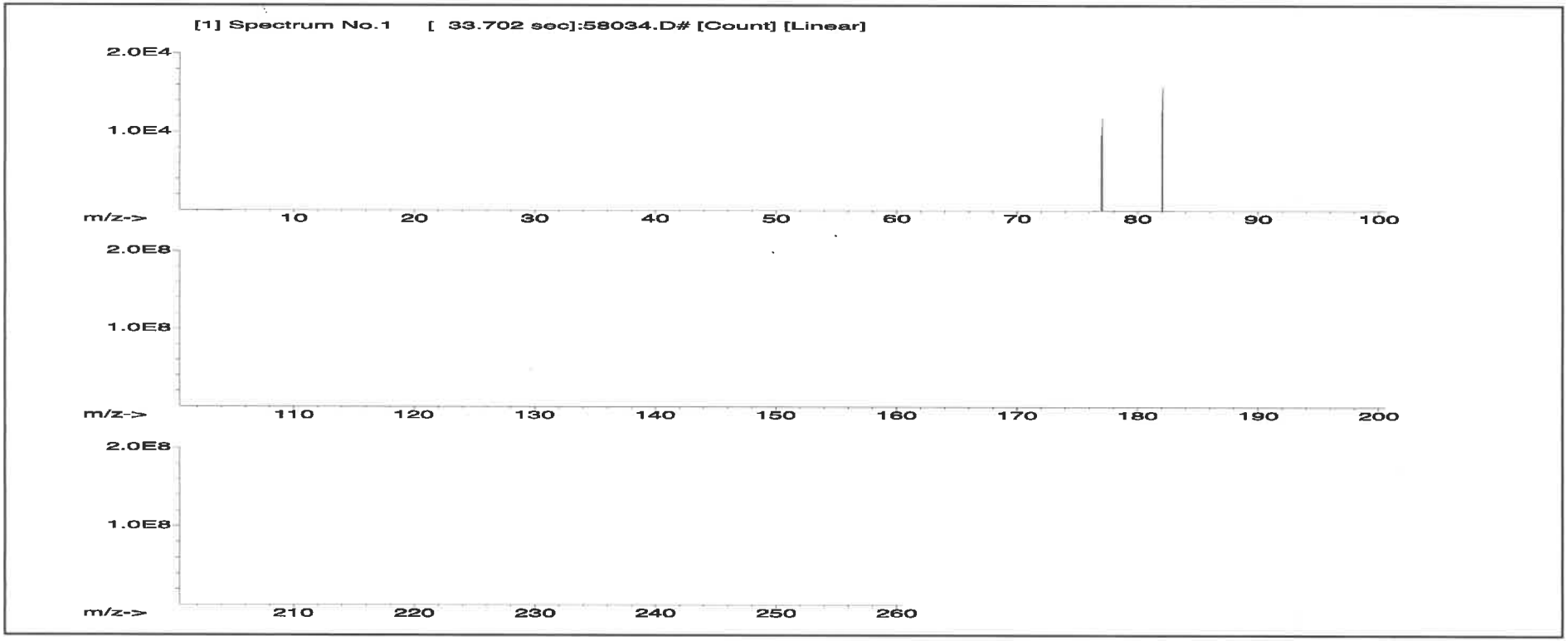
301

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



302

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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M5970, M5971 R: 7/01/24

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CERTIFIED WEIGHT REPORT:

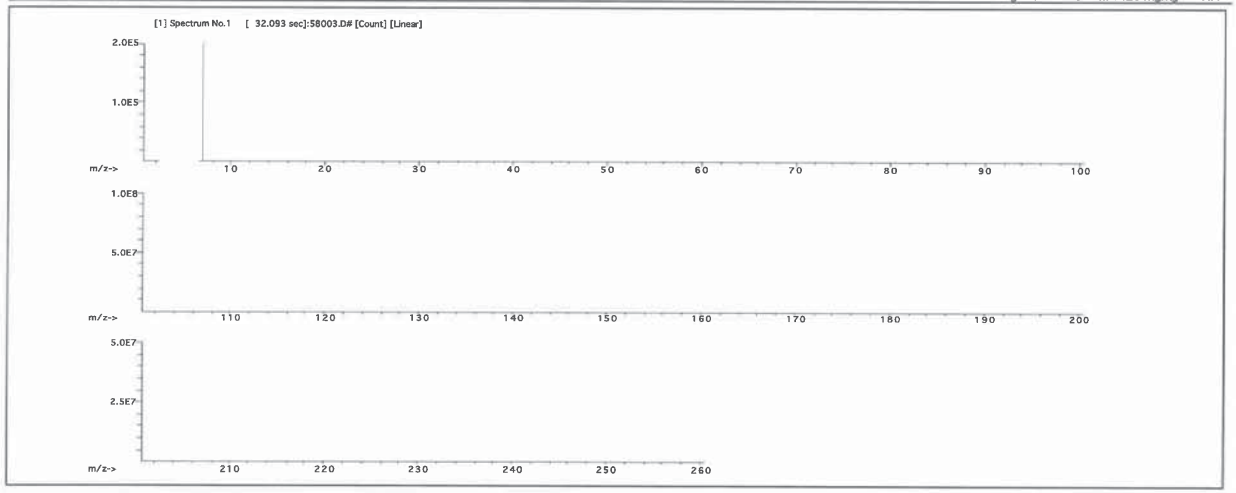
		Lot #	Solvent:		
Part Number:	**57003**	24002546	Nitric Acid		
Lot Number:	**062124**				
Description:	**Lithium (Li)**				
		2.0%	5.0 (mL)	Nitric Acid	
Expiration Date:	062127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	250.11	0.016	Flask Uncertainty		

Giovanni Esposito

Formulated By: Giovanni Esposito 062124

Reviewed By: Pedro L. Rentas 062124

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lithium nitrate (Li)	58103	070622	0.1000	25.0	0.004	1000	10000.4	**1000.0**	**2.0**	7790-69-4	5 mg/m3	orl-rat 1426 mg/kg	NA



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	T	Ni	<0.02	Pr	<0.02	Sc	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certificate of Analysis

M5976, M5977
R: 02/22/24

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F: 540-585-3012
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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 — ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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M5978, M5979

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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(\bar{x}_i)$

$\bar{x}_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\,(u_{char\ i})^2]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (\bar{x}_a)\,(u_{char\ a})$

$\bar{x}_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

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4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

45982 R: 6/11/24

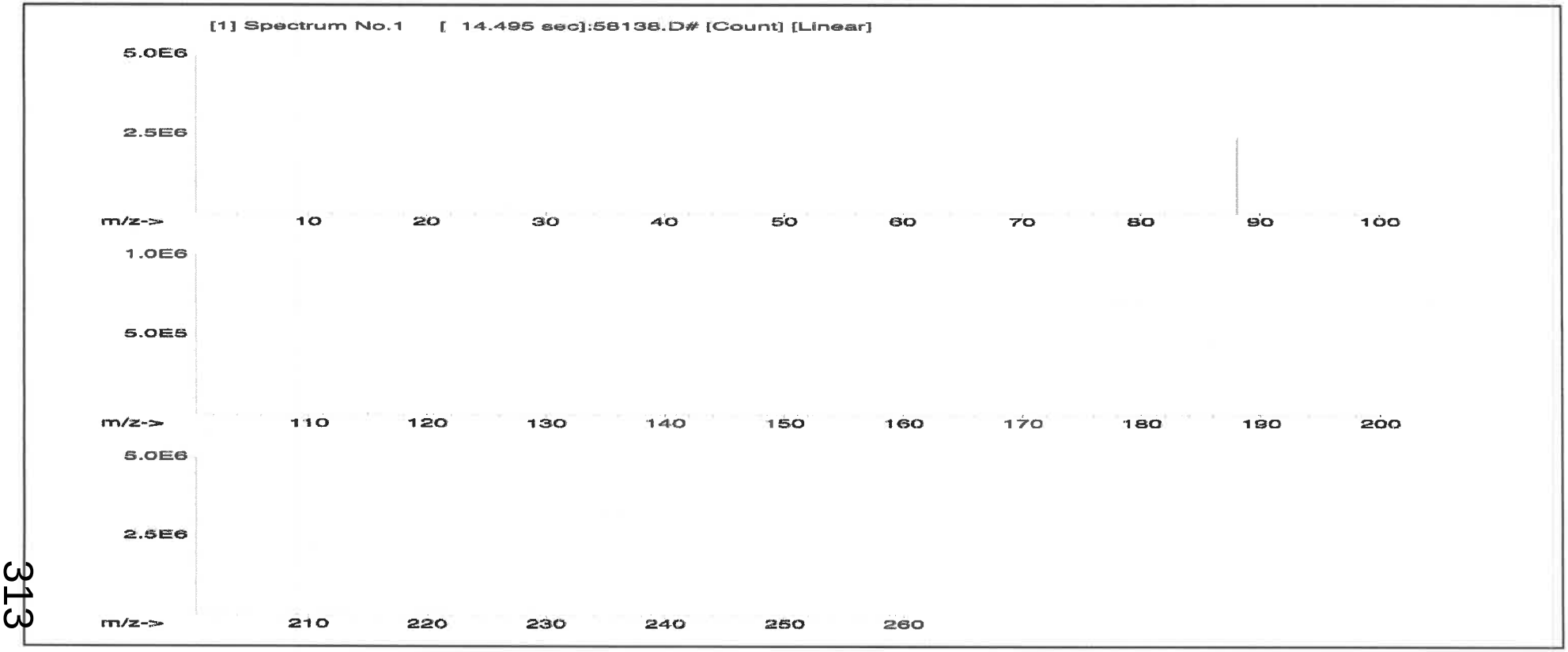
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57038**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**031524**			
Description:	**Strontium (Sr)**			
		2%	40.0 (mL)	Nitric Acid
Expiration Date:	031527			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan 031524
Reviewed By:	Pedro L. Rentas 031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certificate of Analysis

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGY10
Lot Number:	V2-Y740548
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Yttrium
Starting Material:	Yttrium Oxide
Starting Material Lot#:	2661 and 06230520YL
Starting Material Purity:	99.9984%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 10000 ± 30 µg/mL

Density: 1.032 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1	**10011 ± 25 µg/mL** EDTA NIST SRM 928 Lot Number: 928
Assay Method #2	**9997 ± 50 µg/mL** ICP Assay NIST SRM 3167a Lot Number: 190730
Assay Method #3	**9984 ± 31 µg/mL** Calculated NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.004600	M	Eu		0.009037	M	Na		0.086360	M	Se	<	0.005200	M	Zn		0.030125
M	Al		0.014862	O	Fe		0.002410	M	Nb	<	0.000570	O	Si		0.024100	O	Zr	<	0.002600
M	As	<	0.003500	M	Ga	<	0.000570	M	Nd		0.000923	M	Sm		0.000461				
M	Au	<	0.001700	M	Gd	<	0.003500	M	Ni	<	0.005700	M	Sn	<	0.002300				
O	B		0.002209	M	Ge	<	0.005200	M	Os	<	0.001200	M	Sr	<	0.004600				
O	Ba	<	0.002500	M	Hf	<	0.000570	n	P	<		M	Ta	<	0.000570				
O	Be	<	0.001400	M	Hg	<	0.000570	M	Pb		0.005020	M	Tb		0.001044				
M	Bi	<	0.003500	M	Ho		0.009037	M	Pd	<	0.005100	M	Te	<	0.002300				
O	Ca		0.009841	M	In	<	0.002300	M	Pr	<	0.002300	M	Th	<	0.000570				
M	Cd	<	0.000570	M	Ir	<	0.000570	M	Pt	<	0.000570	M	Ti	<	0.003500				
M	Ce	<	0.002300	O	K		0.018677	M	Rb	<	0.000570	M	Tl	<	0.000570				
M	Co	<	0.000570	M	La		0.000461	M	Re	<	0.000570	M	Tm	<	0.003500				
M	Cr	<	0.004000	O	Li	<	0.009300	M	Rh	<	0.008000	M	U	<	0.000570				
M	Cs	<	0.000570	M	Lu		0.000582	M	Ru	<	0.000570	M	V		0.001265				
M	Cu		0.002610	O	Mg		0.001486	n	S	<		M	W	<	0.002300				
M	Dy		0.003815	M	Mn		0.000582	M	Sb		0.005422	s	Y	<					
M	Er		0.003615	M	Mo	<	0.005700	M	Sc	<	0.001200	M	Yb		0.001827				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 88.91 +3 6 Y(OH)(H2O)x+2

Chemical Compatibility -Soluble in HCl, H2SO4 and HNO3. Avoid HF, H3PO4 and neutral to basic media. Stable with most metals and inorganic anions forming an insoluble carbonate, oxide, oxalate, and fluoride. Avoid mixing with elements / solutions containing moderate amounts of fluoride.

Stability - 2-100 ppb levels stable for months in 1% HNO3 / LDPE container. 1-10,000 ppm solutions chemically stable for years in 2-5% HNO3 / LDPE container.

Y Containing Samples (Preparation and Solution) - Metal (Soluble in acids); Oxide (Dissolve by heating in H2O/ HNO3); Ores (Carbonate fusion in Pt0 followed by HCl dissolution); Organic Matrices (Dry ash and dissolve in 1:1 H2O / HCl or HNO3).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 89 amu	0.8 ppt	N/A	73Ge16O, 178Hf+2
ICP-OES 360.073 nm	0.005 / 0.000036 µg/mL	1	Ce, Th
ICP-OES 371.030 nm	0.004 / 0.00007 µg/mL	1	Ce
ICP-OES 377.433 nm	0.005 / 0.0009 µg/mL	1	Ta, Th

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

February 20, 2024

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- February 20, 2029

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Custom Processing Supervisor



Certificate Approved By:

Muzzammil Khan
Stock Laboratory Supervisor



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 863.01 ACCREDITED Reference Material Producer Certificate 863.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGIN10
Lot Number:	U2-IN729349
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Indium
Starting Material:	Indium Metal
Starting Material Lot#:	2511
Starting Material Purity:	99.9995%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 10022 ± 30 µg/mL

Density: 1.044 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1	**10021 ± 56 µg/mL** ICP Assay NIST SRM 3124a Lot Number: 110516
Assay Method #2	**10035 ± 25 µg/mL** EDTA NIST SRM 928 Lot Number: 928
Assay Method #3	**10001 ± 33 µg/mL** Calculated NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000760	M	Eu	<	0.000760	O	Na		0.012771	M	Se	<	0.023000	M	Zn	<	0.006100
M	Al		0.003385	O	Fe		0.004462	M	Nb	<	0.000760	O	Si		0.024619	M	Zr	<	0.000760
M	As	<	0.004600	M	Ga	<	0.000760	M	Nd	<	0.000760	M	Sm	<	0.000760				
M	Au	<	0.002300	M	Gd	<	0.000760	O	Ni	<	0.005100	M	Sn	<	0.000760				
O	B		0.003692	M	Ge	<	0.001600	M	Os	<	0.000760	O	Sr	<	0.000610				
M	Ba	<	0.001600	M	Hf	<	0.000760	n	P	<		M	Ta	<	0.000760				
O	Be	<	0.000130	M	Hg	<	0.003100	M	Pb		0.001400	M	Tb	<	0.000760				
M	Bi	<	0.000760	M	Ho	<	0.000760	M	Pd	<	0.001600	M	Te	<	0.000760				
O	Ca		0.004616	s	In	<		M	Pr	<	0.000760	M	Th	<	0.000760				
M	Cd	<	0.000760	M	Ir	<	0.000760	M	Pt	<	0.000760	O	Ti	<	0.001100				
M	Ce	<	0.000760	O	K		0.007078	M	Rb	<	0.000760	M	Tl	<	0.000760				
M	Co	<	0.000760	M	La	<	0.000760	M	Re	<	0.000760	M	Tm	<	0.000760				
O	Cr	<	0.001300	O	Li	<	0.000130	M	Rh	<	0.000760	M	U	<	0.000760				
M	Cs	<	0.000760	M	Lu	<	0.000760	M	Ru	<	0.000760	M	V	<	0.001600				
M	Cu	<	0.003800	O	Mg		0.000707	n	S	<		M	W	<	0.001600				
M	Dy	<	0.000760	O	Mn		0.000149	M	Sb	<	0.000760	M	Y	<	0.000760				
M	Er	<	0.000760	M	Mo	<	0.002300	M	Sc	<	0.000760	M	Yb	<	0.000760				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 114.82 +3 6 In(H2O)6+3

Chemical Compatibility -Soluble in HCl, HNO3, and H2SO4. Avoid neutral and basic media. Stable with most metals and inorganic anions. The oxalate, sulfide, carbonate, hydroxide and phosphate are insoluble in water.

Stability - 2-100 ppb levels stable for months in 1% HNO3 / LDPE container. 1-10,000 ppm solutions chemically stable for years in 2-5% HNO3 / LDPE container.

In Containing Samples (Preparation and Solution) -Metal (Best dissolved in HCl / HNO3); Oxide (Soluble in mineral acids); Ores (Carbonate fusion in Pt0 followed by HCl dissolution); Organic Matrices (Sulfuric/peroxide digestion or dry ash and dissolution in dilute HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 115 amu	1 ppt	n/a	115Sn, 99Ru16O
ICP-OES 158.583 nm	0.05 / 0.002 µg/mL	1	
ICP-OES 230.606 nm	0.1 / 0.03 µg/mL	1	Ni, Os
ICP-OES 325.609 nm	0.2 / 0.05 µg/mL	1	Mn, Mo, Th

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

February 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- February 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium, 1 000 µg/mL ea: Iron, 500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt, 250 µg/mL ea: Copper, 200 µg/mL ea: Chromium, 50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**58113**		**Solvent:**	Lot # 20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05 Balance Uncertainty			
Weight shown below was diluted to (mL):	2000.02	0.058 Flask Uncertainty			

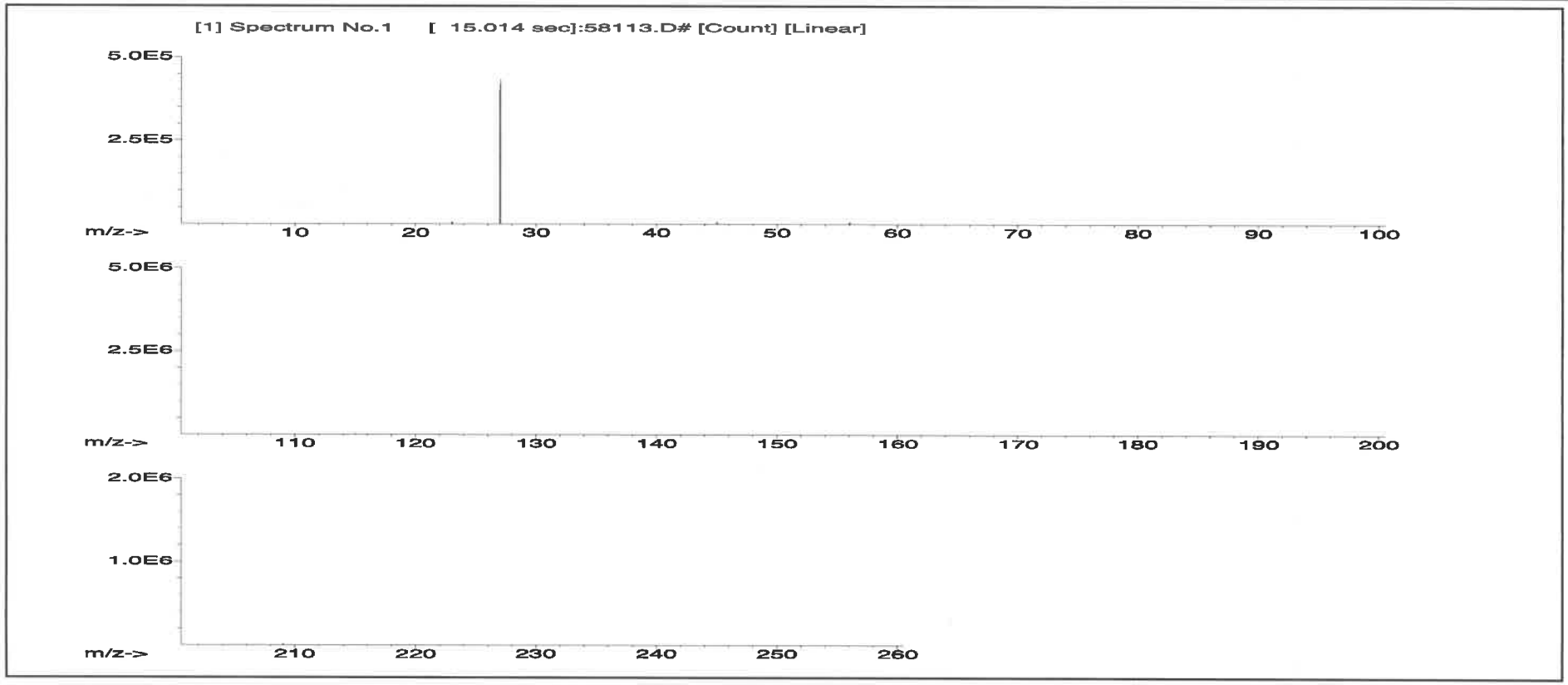
Giovanni Esposito

Formulated By:	Giovanni Esposito	011623

Pedro Rentas

Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

M6109
M6110
M6111

Received date 9/29/24 Met dig.

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 22F0762009
Manufactured Date: 2022-05-10
Retest Date: 2027-05-09
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 – 38.0 %	37.6 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.190
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	0.8 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	14.9 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	6 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 22F0762009

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.5 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	0.8 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 3.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	< 0.3 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 2.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	1.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	0.7 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	0.8 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 22F0762009

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier

Jamie Ethier
Vice President Global Quality

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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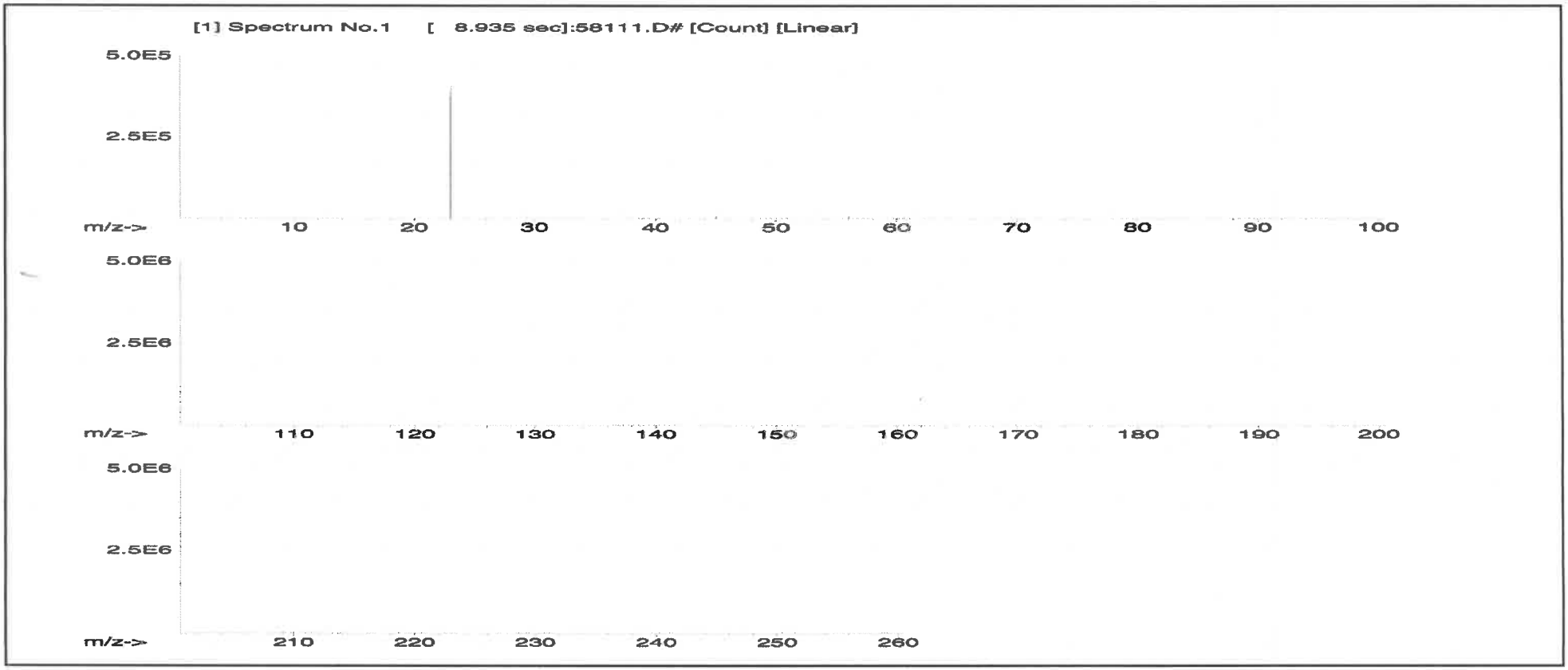
CERTIFIED WEIGHT REPORT:

Part Number:	**58111**		**Lot #**		
Lot Number:	**122223**	**Solvent:**	24002546	Nitric Acid	
Description:	**Sodium (Na)**				
		2%	60.0 (mL)	Nitric Acid	
Expiration Date:	122226				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	3000.4	0.06	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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R: 01/03/24 M5802, M5803

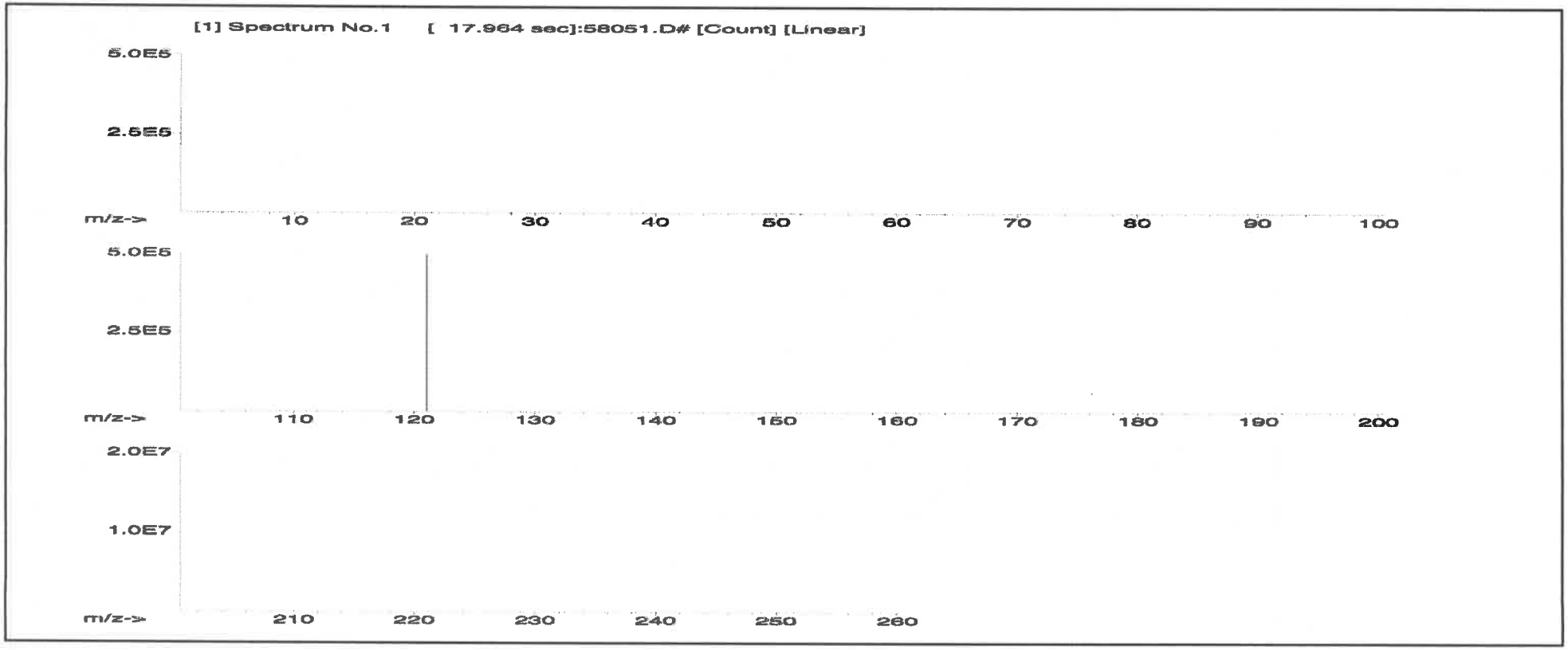
339

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57051**	24002546	Nitric Acid		
Lot Number:	**120523**				
Description:	**Antimony (Sb)**				
		2.0%	60.0 (mL)	Nitric Acid	
Expiration Date:	120526				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



340

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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R: 8/5/24

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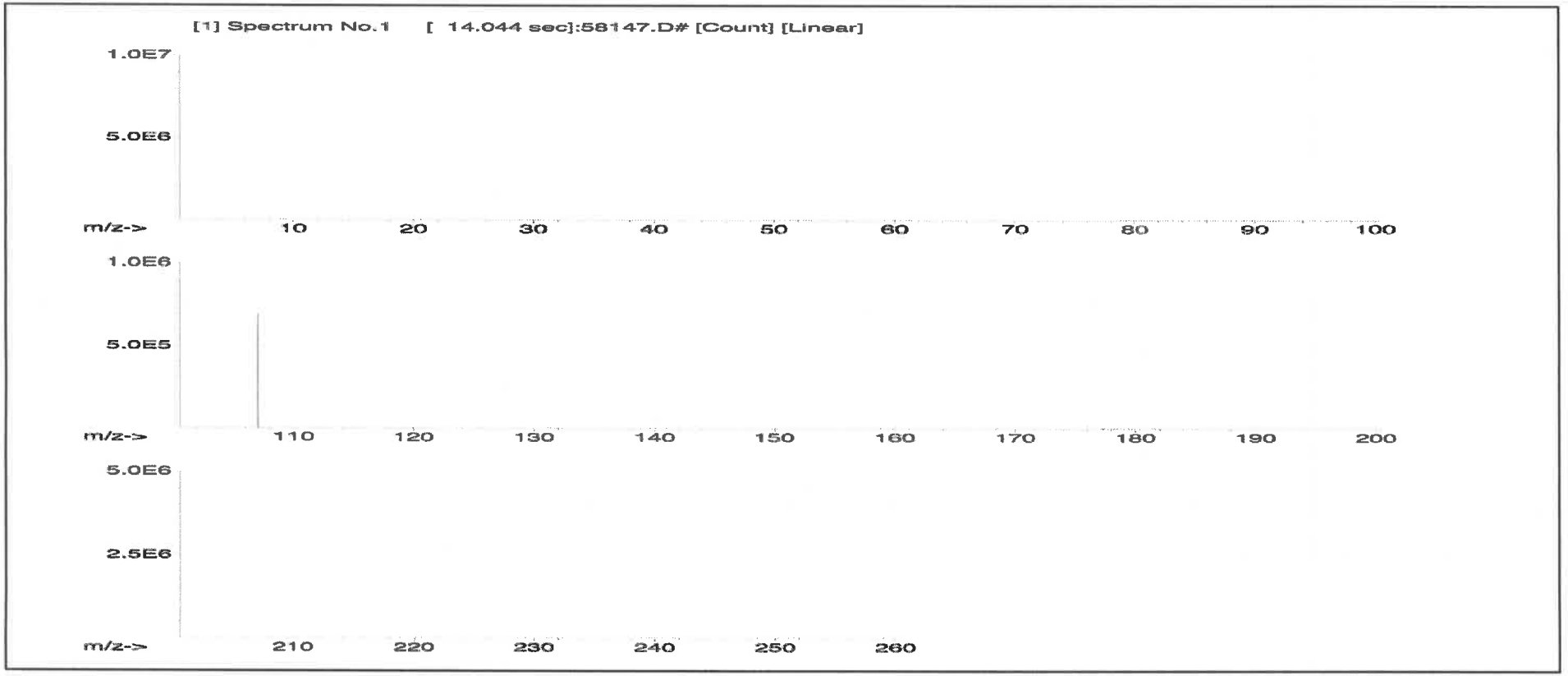
341

CERTIFIED WEIGHT REPORT:

Part Number:	**57047**			**Lot #**	
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**				
		2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



342

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 03/16/23 M5473, M5474, M5475, M5476

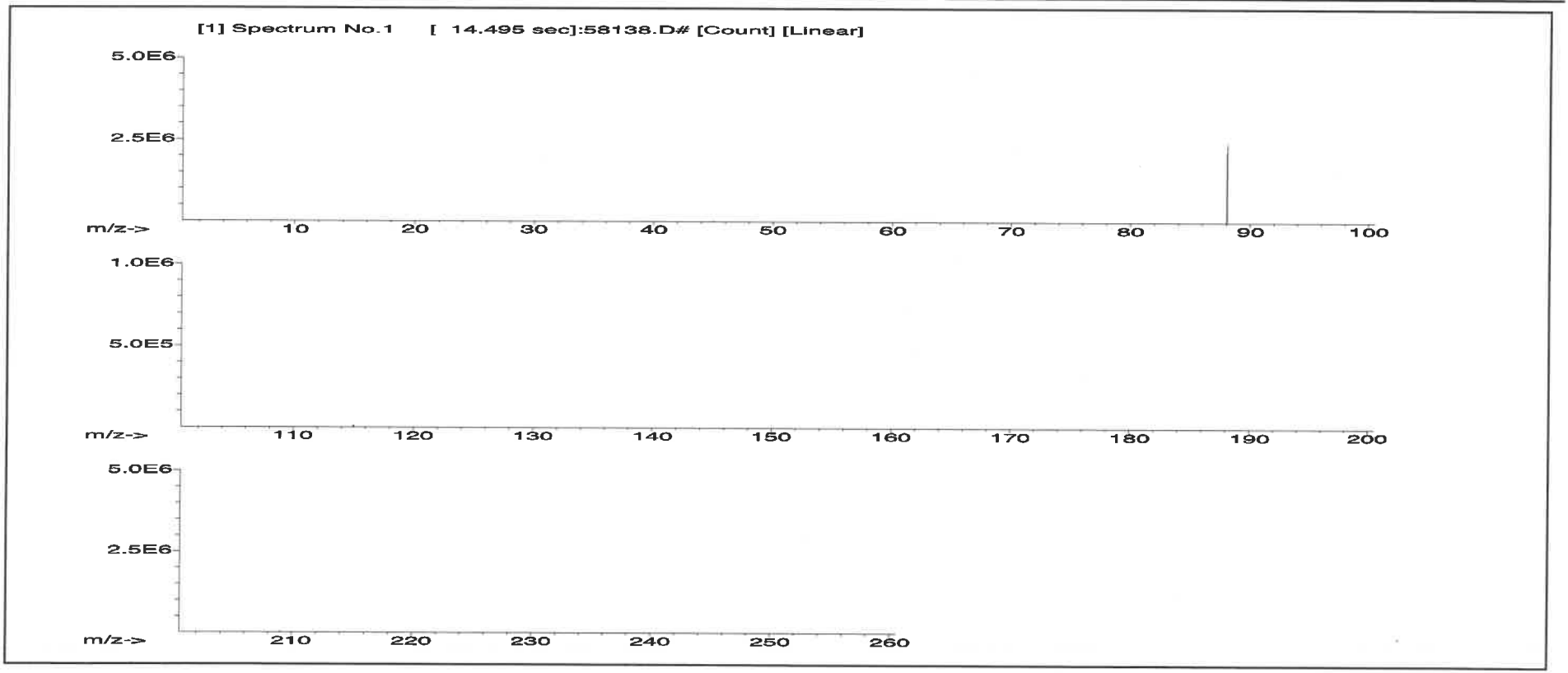
343

CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**	2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



344

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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345

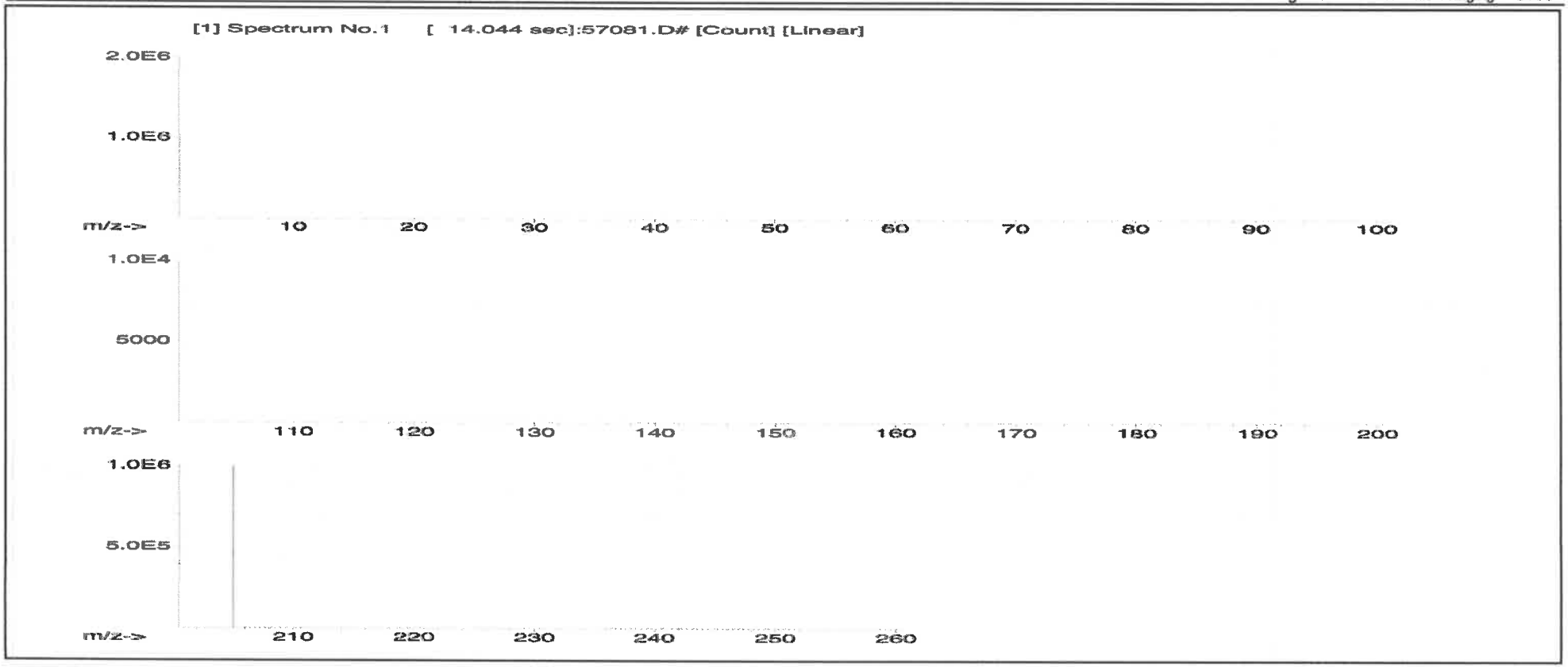
CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	062724
Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



346

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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347

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**			
Description:	**Vanadium (V)**	24002546	Nitric Acid	
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

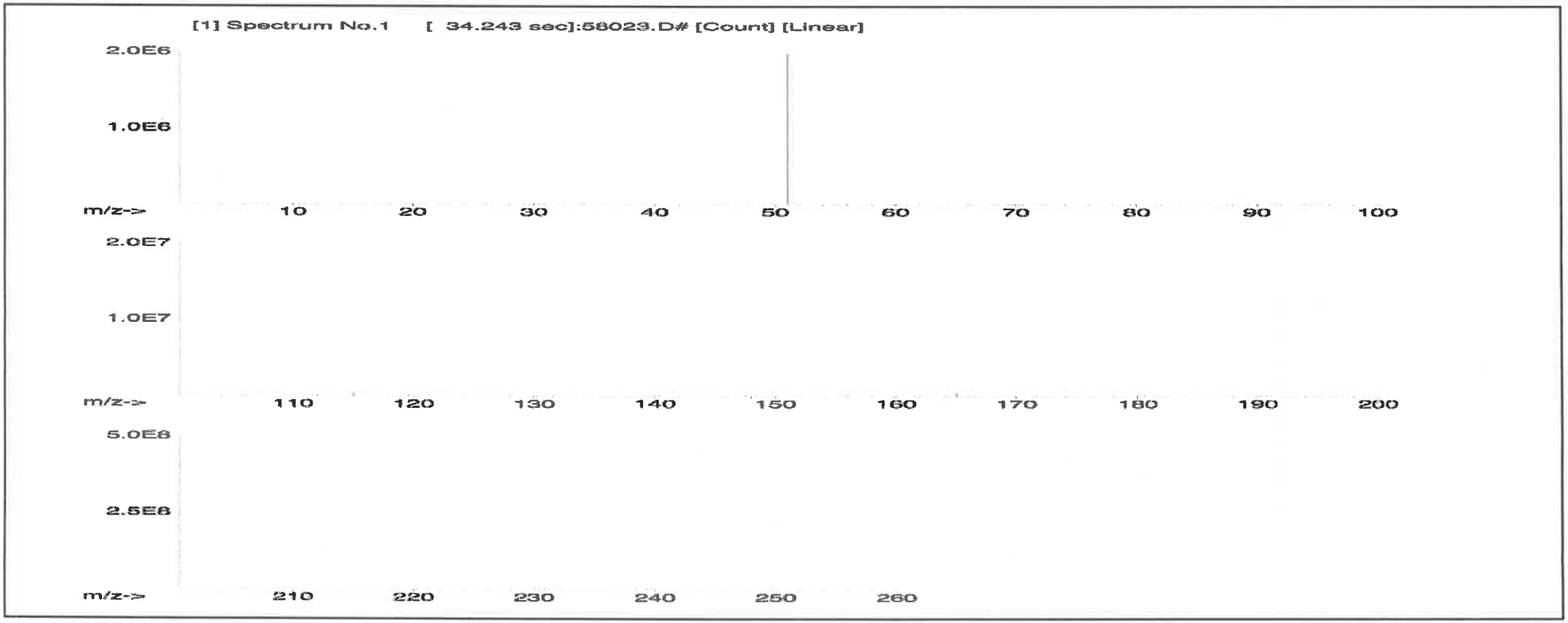
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



348

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164715

SOP ID : M3050B-Digestion-20, MSFAM01.1-Trace Metals-2

SDG No : MYE5N3 MYE5N4

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 11/06/2024 **Time :** 14:45 **Temp :** 95 °C

End Digest Date: 11/06/2024 **Time :** 17:55 **Temp :** 95 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: jgp

Supervisor Signature: SJ

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP83141
LCSSD	0.50	MP83141
Spike Sol 6	2.00	MP83147
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP83122
1:1 HCL	5.00	MP83105
CONC: HNO3	5.00	M6116
30% H2O2	3.00	M5634
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #2 CELL #34 : 95 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/24 18:10	jgp / Met dig	SJ MB Tube Cab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164715

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4590-01	MYE5N3	N/A	1.26	100	Brown	Yellow	Medium	N/A	N/A	1
P4590-02	MYE5N3D	N/A	1.22	100	Brown	Yellow	Medium	N/A	N/A	3
P4590-03	MYE5N3S	N/A	1.21	100	Brown	Yellow	Medium	N/A	MP83147	15
P4591-01	MYE5N4	N/A	1.44	100	Brown	Yellow	Medium	N/A	N/A	5
P4591-02	MYE5N4D	N/A	1.45	100	Brown	Yellow	Medium	N/A	N/A	7
P4591-03	MYE5N4S	N/A	1.39	100	Brown	Yellow	Medium	N/A	MP83147	16
P4591-04	MYE5N5	N/A	1.46	100	Brown	Yellow	Medium	N/A	N/A	9
PB164715BL	PBS715	N/A	1.00	100	Brown	Yellow	Medium	N/A	N/A	10
PB164715BS	LCS715	N/A	1.00	100	Brown	Yellow	Medium	N/A	MP83141	13
PB164715BSD	LCSD715	N/A	1.00	100	Brown	Yellow	Medium	N/A	MP83141	14

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB133461

Review By	Sarabjit Jaswal	Review On	11/15/2024 4:33:08 AM
Supervise By	Mohan Bera	Supervise On	11/15/2024 5:15:22 AM

STD. NAME	STD REF.#
ICAL Standard	MP83134,MP83142,MP83140,MP83139,MP83138,MP83137,MP83136
ICV Standard	MP83143
CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/14/24 15:50		Kareem	OK
2	S1	S01	CAL2	11/14/24 15:54		Kareem	OK
3	S2	S02	CAL3	11/14/24 15:59		Kareem	OK
4	S3	S03	CAL4	11/14/24 16:03		Kareem	OK
5	S4	S04	CAL5	11/14/24 16:08		Kareem	OK
6	S5	S05	CAL6	11/14/24 16:12		Kareem	OK
7	S6	S06	CAL7	11/14/24 16:17		Kareem	OK
8	ICV012	ICV012	ICV	11/14/24 16:21		Kareem	OK
9	ICB012	ICB012	ICB	11/14/24 16:38	Inst. paused for review	Kareem	OK
10	ICSA012	ICSA012	ICSA	11/14/24 16:43		Kareem	OK
11	ICSAB012	ICSAB012	ICSAB	11/14/24 16:47		Kareem	OK
12	CCV087	CCV087	CCV	11/14/24 16:52		Kareem	OK
13	CCB087	CCB087	CCB	11/14/24 16:56		Kareem	OK
14	PB164636BL	PBS636	MB	11/14/24 17:00		Kareem	OK
15	PB164636BS	LCS636	LCS	11/14/24 17:05		Kareem	OK
16	PB164636BSD	LCSD636	LCSD	11/14/24 17:09		Kareem	OK
17	PB164656BL	PBS656	MB	11/14/24 17:14		Kareem	OK
18	PB164656BS	LCS656	LCS	11/14/24 17:19		Kareem	OK

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Instrument ID: P5

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Supervise By	Mohan Bera	Supervise On	11/15/2024 5:15:22 AM

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ICV Standard	MP83143
CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

19	PB164656BSD	LCSD656	LCSD	11/14/24 17:23		Kareem	OK
20	PB164658BL	PBS658	MB	11/14/24 17:28		Kareem	OK
21	PB164658BS	LCS658	LCS	11/14/24 17:32		Kareem	OK
22	PB164658BSD	LCSD658	LCSD	11/14/24 17:37		Kareem	OK
23	PB164655BL	PBS655	MB	11/14/24 17:41	NOT USE	Kareem	Not Ok
24	PB164655BS	LCS655	LCS	11/14/24 17:46	NOT USE	Kareem	Not Ok
25	PB164655BSD	LCSD655	LCSD	11/14/24 17:50	NOT USE	Kareem	Not Ok
26	PB164715BL	PBS715	MB	11/14/24 17:55		Kareem	OK
27	PB164715BS	LCS715	LCS	11/14/24 17:59		Kareem	OK
28	PB164715BSD	LCSD715	LCSD	11/14/24 18:04		Kareem	OK
29	P4572-11DL	MYE586	SAM	11/14/24 18:08		Kareem	OK
30	P4572-12DL	MYE586D	DUP	11/14/24 18:13		Kareem	OK
31	P4572-11LDL	MYE586L	SD	11/14/24 18:17		Kareem	OK
32	P4572-13DL	MYE586S	MS	11/14/24 18:22	MS fail for Cu,Zn	Kareem	OK
33	P4573-07DL	MYE5A2	SAM	11/14/24 18:26		Kareem	OK
34	CCV088	CCV088	CCV	11/14/24 18:30		Kareem	OK
35	CCB088	CCB088	CCB	11/14/24 18:35		Kareem	OK
36	P4573-08DL	MYE5A2D	DUP	11/14/24 18:39		Kareem	OK
37	P4573-07LDL	MYE5A2L	SD	11/14/24 18:44		Kareem	OK
38	P4573-09DL	MYE5A2S	MS	11/14/24 18:48	MS fail for As	Kareem	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB133461

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Supervise By	Mohan Bera	Supervise On	11/15/2024 5:15:22 AM

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ICV Standard	MP83143
CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

39	P4590-01DL	MYE5N3	SAM	11/14/24 18:52		Kareem	OK
40	P4590-02DL	MYE5N3D	DUP	11/14/24 18:57		Kareem	OK
41	P4590-01LDL	MYE5N3L	SD	11/14/24 19:01		Kareem	OK
42	P4590-03DL	MYE5N3S	MS	11/14/24 19:06	MS fail for As	Kareem	OK
43	P4591-01DL	MYE5N4	SAM	11/14/24 19:10		Kareem	OK
44	P4591-02DL	MYE5N4D	DUP	11/14/24 19:15		Kareem	OK
45	P4591-01LDL	MYE5N4L	SD	11/14/24 19:19		Kareem	OK
46	P4591-03DL	MYE5N4S	MS	11/14/24 19:23		Kareem	OK
47	P4572-14DL	MYE587	SAM	11/14/24 19:28		Kareem	OK
48	P4572-15DL	MYE588	SAM	11/14/24 19:32		Kareem	OK
49	P4572-16DL	MYE589	SAM	11/14/24 19:37		Kareem	OK
50	P4572-17DL	MYE590	SAM	11/14/24 19:41		Kareem	OK
51	P4572-18DL	MYE591	SAM	11/14/24 19:46		Kareem	OK
52	P4572-19DL	MYE592	SAM	11/14/24 19:50		Kareem	OK
53	P4572-20DL	MYE593	SAM	11/14/24 19:54		Kareem	OK
54	P4572-21DL	MYE594	SAM	11/14/24 19:59		Kareem	OK
55	P4572-22DL	MYE595	SAM	11/14/24 20:03		Kareem	OK
56	CCV089	CCV089	CCV	11/14/24 20:08		Kareem	OK
57	CCB089	CCB089	CCB	11/14/24 20:12		Kareem	OK
58	P4591-04DL	MYE5N5	SAM	11/14/24 20:16		Kareem	OK

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Supervise By	Mohan Bera	Supervise On	11/15/2024 5:15:22 AM

STD. NAME	STD REF.#
ICAL Standard	MP83134,MP83142,MP83140,MP83139,MP83138,MP83137,MP83136
ICV Standard	MP83143
CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

59	P4571-01ADL	MYE543A	PS	11/14/24 20:21	PS for As,Pb	Kareem	OK
60	P4573-01DL	MYE596	SAM	11/14/24 20:25		Kareem	OK
61	P4573-02DL	MYE597	SAM	11/14/24 20:30		Kareem	OK
62	P4573-03DL	MYE598	SAM	11/14/24 20:34		Kareem	OK
63	P4573-04DL	MYE599	SAM	11/14/24 20:39		Kareem	OK
64	P4573-05DL	MYE5A0	SAM	11/14/24 20:43		Kareem	OK
65	P4573-06DL	MYE5A1	SAM	11/14/24 20:47		Kareem	OK
66	P4573-07REDL	MYE5A2	SAM	11/14/24 20:52	NOT USE	Kareem	Not Ok
67	P4573-08REDL	MYE5A2D	DUP	11/14/24 20:56	NOT USE	Kareem	Not Ok
68	P4573-07LREDL	MYE5A2L	SD	11/14/24 21:01	NOT USE	Kareem	Not Ok
69	P4573-09REDL	MYE5A2S	MS	11/14/24 21:05	NOT USE	Kareem	Not Ok
70	P4573-10DL	MYE5A3	SAM	11/14/24 21:10		Kareem	OK
71	P4573-11DL	MYE5A4	SAM	11/14/24 21:14		Kareem	OK
72	P4573-12DL	MYE5A5	SAM	11/14/24 21:18		Kareem	OK
73	P4573-13DL	MYE5A6	SAM	11/14/24 21:23		Kareem	OK
74	P4573-14DL	MYE5A7	SAM	11/14/24 21:27		Kareem	OK
75	P4573-15DL	MYE5A8	SAM	11/14/24 21:32		Kareem	OK
76	P4573-16DL	MYE5A9	SAM	11/14/24 21:36		Kareem	OK
77	P4573-17DL	MYE5B0	SAM	11/14/24 21:41		Kareem	OK
78	CCV090	CCV090	CCV	11/14/24 21:45		Kareem	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB133461

Review By	Sarabjit Jaswal	Review On	11/15/2024 4:33:08 AM
Supervise By	Mohan Bera	Supervise On	11/15/2024 5:15:22 AM

STD. NAME	STD REF.#
ICAL Standard	MP83134,MP83142,MP83140,MP83139,MP83138,MP83137,MP83136
ICV Standard	MP83143
CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

79	CCB090	CCB090	CCB	11/14/24 21:49		Kareem	OK
80	P4573-18DL	MYE5B1	SAM	11/14/24 21:54		Kareem	OK
81	P4573-19DL	MYE5B2	SAM	11/14/24 22:07		Kareem	OK
82	CCV091	CCV091	CCV	11/14/24 22:25		Kareem	OK
83	CCB091	CCB091	CCB	11/14/24 22:29		Kareem	OK
84	P4572-11ADL	MYE586A	PS	11/14/24 23:06	PS for Cu-0.009ml (M5751), Zn-0.0012ml (M5819) - 10 ml sample	Kareem	OK
85	P4573-07ADL	MYE5A2A	PS	11/14/24 23:11	PS for As-0.003ml (M5801) - 10 ml sample	Kareem	OK
86	P4590-01ADL	MYE5N3A	PS	11/14/24 23:15	PS for As-0.0023ml (M5801) - 10 ml sample	Kareem	OK
87	CCV092	CCV092	CCV	11/14/24 23:20		Kareem	OK
88	CCB092	CCB092	CCB	11/14/24 23:24		Kareem	OK

EPA SAMPLE NO.

MYE5N4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5N4

Matrix: SOIL Lab Sample ID: P4591-01

% Solids: 95.3 Date Received: 10/26/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.51	J*	11/12/2024	2110
7440-38-2	Arsenic	30		11/12/2024	2110
7440-39-3	Barium	150	D*	11/13/2024	0009
7440-41-7	Beryllium	0.42		11/12/2024	2110
7440-43-9	Cadmium	0.13	J	11/12/2024	2110
7440-47-3	Chromium	33		11/12/2024	2110
7440-48-4	Cobalt	16	D	11/13/2024	0009
7440-50-8	Copper	45		11/12/2024	2110
7439-92-1	Lead	7.9		11/12/2024	2110
7440-02-0	Nickel	32	D	11/13/2024	0009
7782-49-2	Selenium	0.32	J	11/12/2024	2110
7440-22-4	Silver	0.051	J	11/12/2024	2110
7440-28-0	Thallium	0.087	J	11/12/2024	2110
7440-62-2	Vanadium	43	D	11/13/2024	0009
7440-66-6	Zinc	62		11/12/2024	2110

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE5N5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5N4

Matrix: SOIL Lab Sample ID: P4591-04

% Solids: 95.1 Date Received: 10/26/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.41	J*	11/12/2024	2125
7440-38-2	Arsenic	34		11/12/2024	2125
7440-39-3	Barium	150	*	11/12/2024	2125
7440-41-7	Beryllium	0.52		11/12/2024	2125
7440-43-9	Cadmium	0.24	J	11/12/2024	2125
7440-47-3	Chromium	23		11/12/2024	2125
7440-48-4	Cobalt	14		11/12/2024	2125
7440-50-8	Copper	51		11/12/2024	2125
7439-92-1	Lead	11		11/12/2024	2125
7440-02-0	Nickel	23		11/12/2024	2125
7782-49-2	Selenium	1.8	U	11/12/2024	2125
7440-22-4	Silver	0.083	J	11/12/2024	2125
7440-28-0	Thallium	0.19	J	11/12/2024	2125
7440-62-2	Vanadium	43		11/12/2024	2125
7440-66-6	Zinc	72		11/12/2024	2125

NOTE: Hardness (total) is reported in mg/L

Comments:

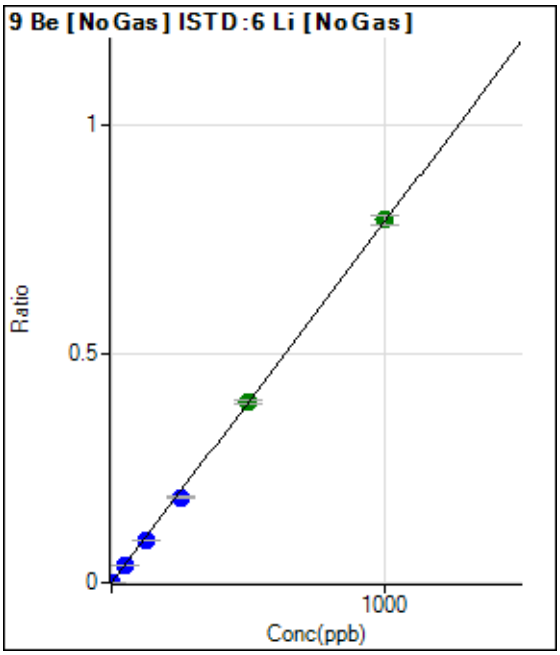
Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

Calibration for 239CCBE.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111224MS2.b\
Analysis File: P7111224MS2.batch.bin
DA Date-Time: 2024-11-13 02:01:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-12 12:38:37
2	006CALS.d	S02	2024-11-12 12:45:09
3	007CALS.d	S03	2024-11-12 12:48:24
4	008CALS.d	S04	2024-11-12 12:51:18
5	009CALS.d	S05	2024-11-12 12:54:03
6	010CALS.d	S06	2024-11-12 12:56:50
7	011CALS.d	S07	2024-11-12 12:59:36
8	012CALS.d	S08	2024-11-12 13:02:22

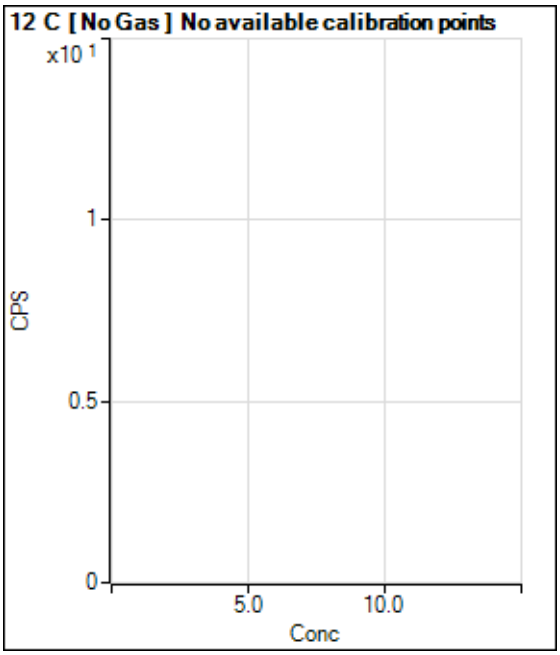
Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.34	0.0000	P	27.8
2	☐	1.000	0.938	2444.67	0.0008	P	7.9
3	☐	50.000	48.527	131860.03	0.0384	P	1.3
4	☐	125.000	118.223	319659.84	0.0934	P	1.5
5	☐	250.000	235.181	625434.47	0.1858	P	1.9
6	☐	500.000	498.751	1298992.95	0.3941	A	2.1
7	☐	1000.000	1005.250	2547814.84	0.7943	A	2.4
8	☐			344.45	0.0001	P	37.8

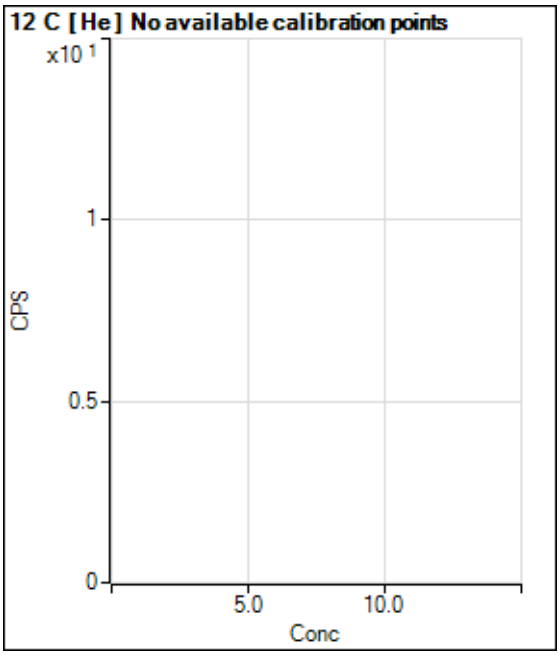
y = 7.9009E-004 * x + 1.0654E-005
R = 0.9999
DL = 0.01124
BEC = 0.01348

Weight: <None>
Min Conc: 0

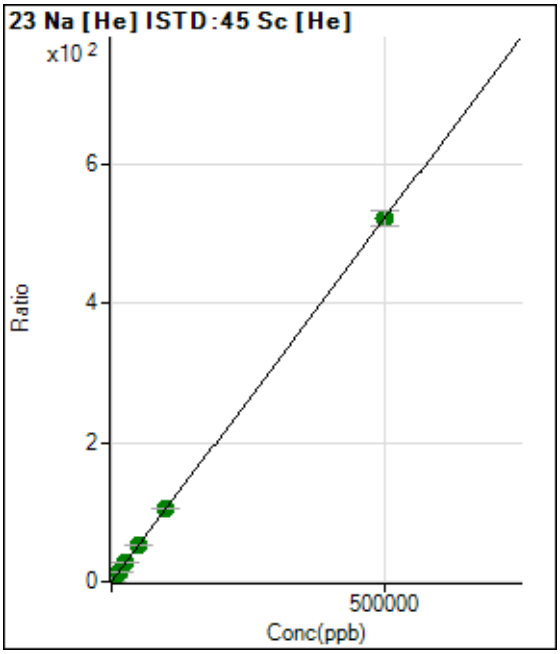


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

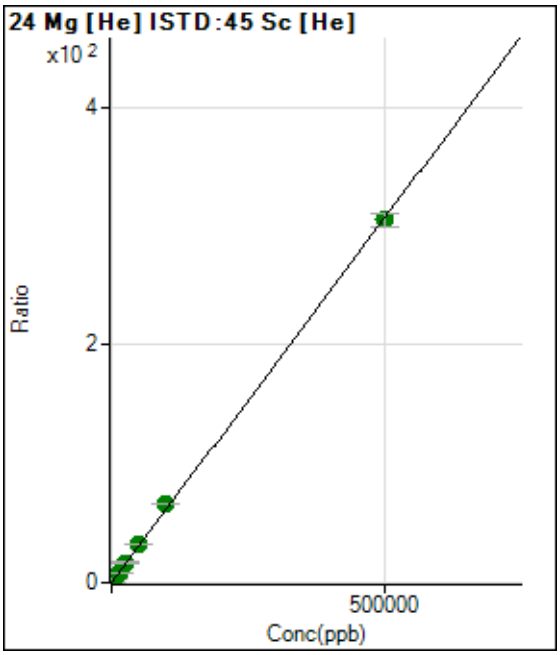


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54482.58	0.0432	P	0.8
2	☐	500.000	477.244	707309.33	0.5410	P	1.2
3	☐	5000.000	5148.129	7246073.23	5.4130	A	1.1
4	☐	12500.000	12530.761	17493804.04	13.1133	A	0.9
5	☐	25000.000	25859.523	34784125.04	27.0158	A	1.1
6	☐	50000.000	50371.278	68972368.97	52.5826	A	2.1
7	☐	100000.00	101292.26	138655950.16	105.6953	A	1.2
8	☐	500000.00	499659.21	669823732.24	521.2085	A	4.2

y = 0.0010 * x + 0.0432
R = 1.0000
DL = 0.98
BEC = 41.45

Weight: <None>
Min Conc: 0

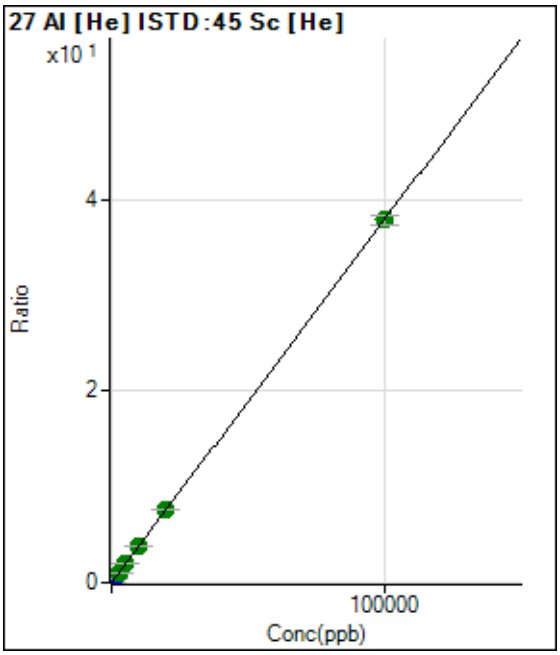
Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2215.74	0.0018	P	1.5
2	☐	500.000	525.462	423920.20	0.3242	P	0.3
3	☐	5000.000	5486.459	4509824.27	3.3688	A	0.7
4	☐	12500.000	13446.054	11010971.50	8.2537	A	0.7
5	☐	25000.000	27678.014	21872432.18	16.9879	A	1.3
6	☐	50000.000	53579.387	43135032.97	32.8837	A	1.7
7	☐	100000.00	108823.78	87614608.70	66.7875	A	0.7
8	☐	500000.00	497714.86	392510487.49	305.4520	A	3.6

y = 6.1371E-004 * x + 0.0018
R = 0.9998
DL = 0.1258
BEC = 2.865

Weight: <None>
Min Conc: 0

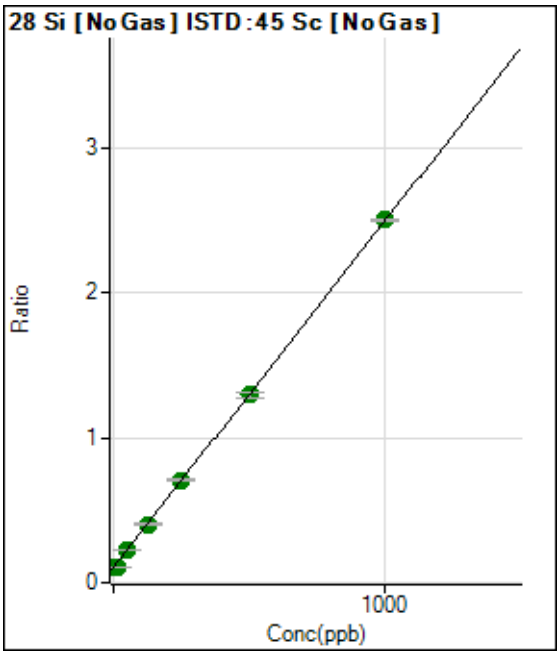


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	282.23	0.0002	P	8.2
2	☐	20.000	19.356	9881.04	0.0076	P	2.0
3	☐	1000.000	1041.455	528517.17	0.3948	P	1.1
4	☐	2500.000	2531.200	1279770.66	0.9593	A	0.2
5	☐	5000.000	5100.768	2488693.99	1.9328	A	0.4
6	☐	10000.000	10032.751	4986217.01	3.8015	A	2.5
7	☐	20000.000	20185.706	10032979.64	7.6482	A	1.2
8	☐	100000.00	99953.351	48682005.39	37.8708	A	2.8

y = 3.7888E-004 * x + 2.2411E-004
R = 1.0000
DL = 0.1463
BEC = 0.5915

Weight: <None>
Min Conc: 0

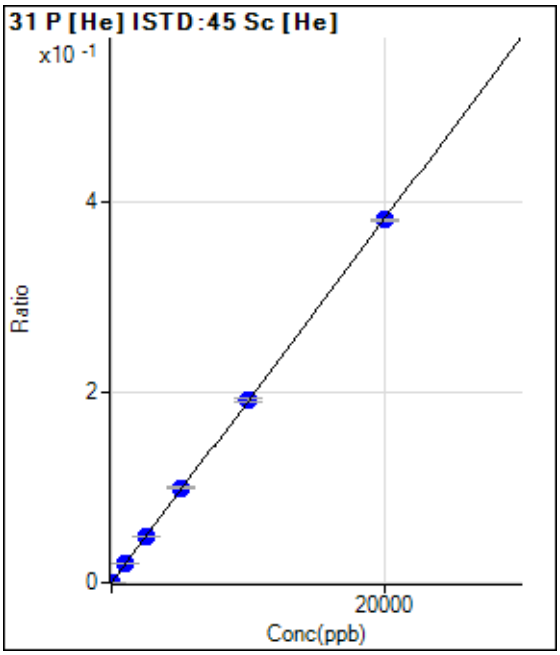
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1665824.47	0.1093	A	1.5
2	☐	10.000	-0.208	1701255.81	0.1088	A	0.7
3	☐	50.000	46.360	3634138.70	0.2199	A	0.4
4	☐	125.000	122.684	6534590.80	0.4020	A	2.5
5	☐	250.000	250.879	11311468.44	0.7079	A	1.3
6	☐	500.000	497.209	20353710.81	1.2957	A	2.8
7	☐	1000.000	1001.749	39580373.57	2.4996	A	0.4
8	☐			1741322.82	0.1217	A	3.2

y = 0.0024 * x + 0.1093
R = 1.0000
DL = 2.098
BEC = 45.8

Weight: <None>
Min Conc: 0

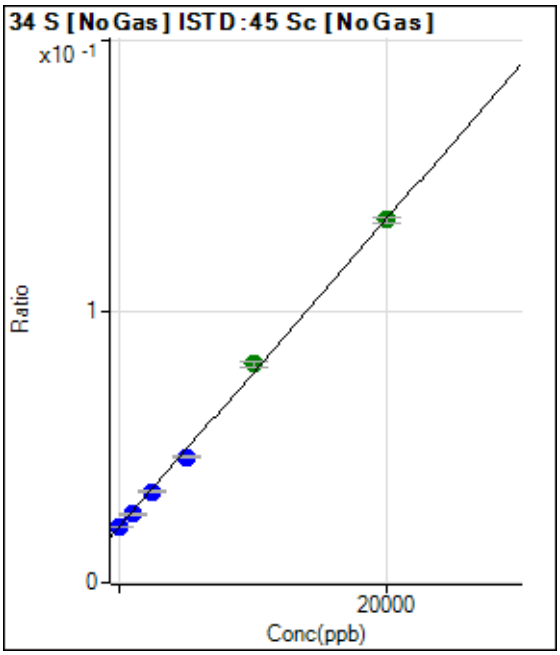


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.670	328.90	0.0003	P	3.0
2	☐	0.000	15.670	1124.50	0.0009	P	4.3
3	☐	1000.000	1017.021	26765.67	0.0200	P	1.4
4	☐	2500.000	2523.106	65065.39	0.0488	P	1.6
5	☐	5000.000	5178.789	128124.33	0.0995	P	2.6
6	☐	10000.000	10007.609	251596.34	0.1918	P	1.7
7	☐	20000.000	19947.759	500794.26	0.3817	P	0.7
8	☐			538.90	0.0004	P	16.5

y = 1.9109E-005 * x + 5.6043E-004
R = 1.0000
DL = 3.543
BEC = 29.33

Weight: <None>
Min Conc: 0

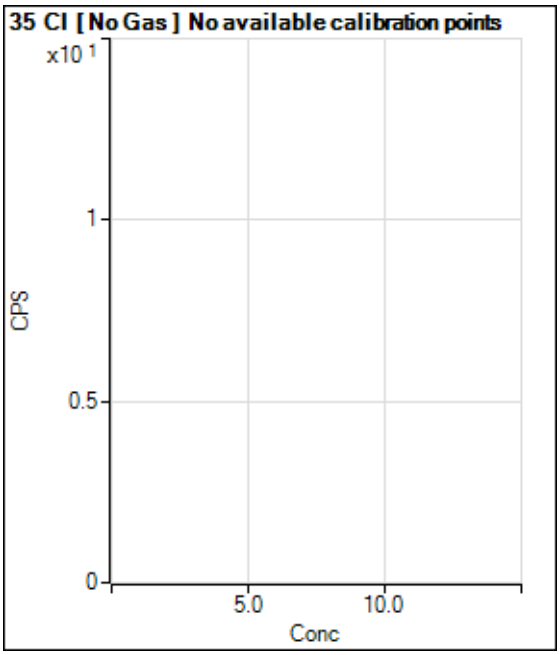
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	3.773	313895.01	0.0206	P	0.5
2	☐	0.000	-3.773	321329.34	0.0205	P	1.2
3	☐	1000.000	806.552	415728.82	0.0252	P	0.3
4	☐	2500.000	2262.610	543481.81	0.0334	P	1.9
5	☐	5000.000	4540.813	741257.90	0.0464	P	1.1
6	☐	10000.000	10526.086	1263606.91	0.0804	A	2.0
7	☐	20000.000	19891.100	2116439.03	0.1337	A	1.3
8	☐			270354.60	0.0189	P	1.8

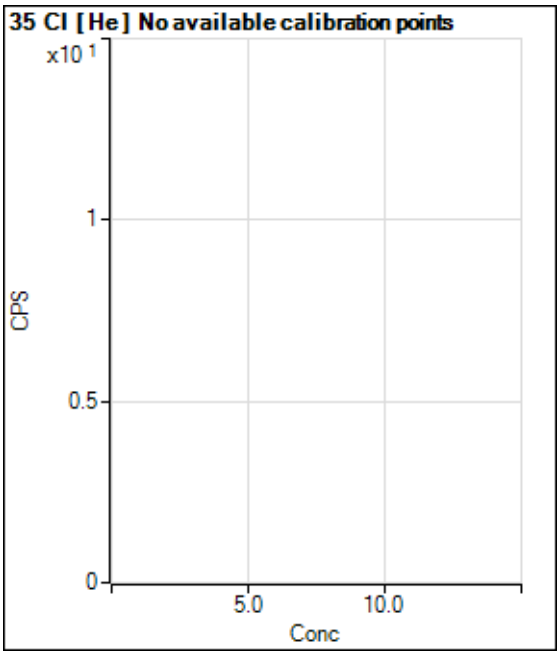
y = 5.6864E-006 * x + 0.0206
R = 0.9992
DL = 91.41
BEC = 3617

Weight: <None>
Min Conc: 0

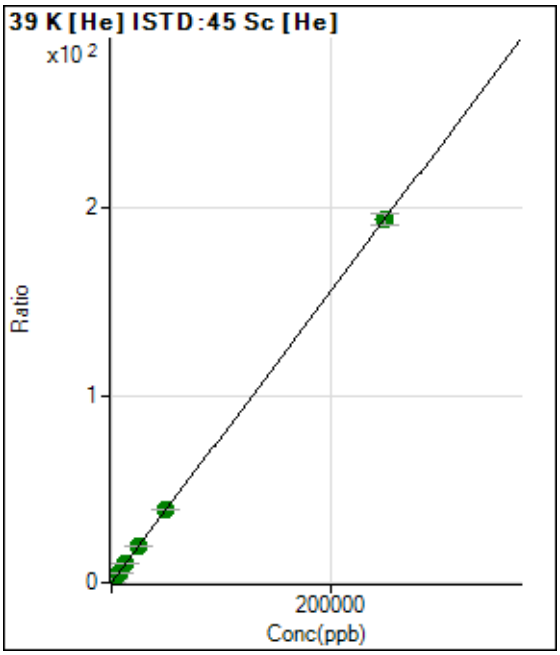


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

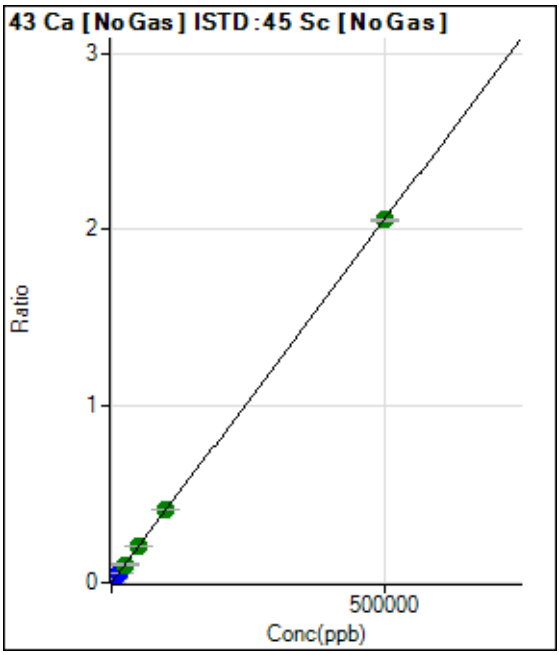


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75043.73	0.0596	P	3.0
2	☐	500.000	519.654	604594.08	0.4625	P	1.3
3	☐	2500.000	2604.959	2783229.82	2.0792	A	1.7
4	☐	6250.000	6278.490	6573115.46	4.9273	A	1.3
5	☐	12500.000	12968.097	13020920.08	10.1138	A	2.0
6	☐	25000.000	25138.489	25645761.84	19.5496	A	0.9
7	☐	50000.000	50524.733	51466719.23	39.2317	A	0.5
8	☐	250000.00	249855.99	249034551.85	193.7744	A	3.1

y = 7.7531E-004 * x + 0.0596
R = 1.0000
DL = 6.863
BEC = 76.83

Weight: <None>
Min Conc: 0

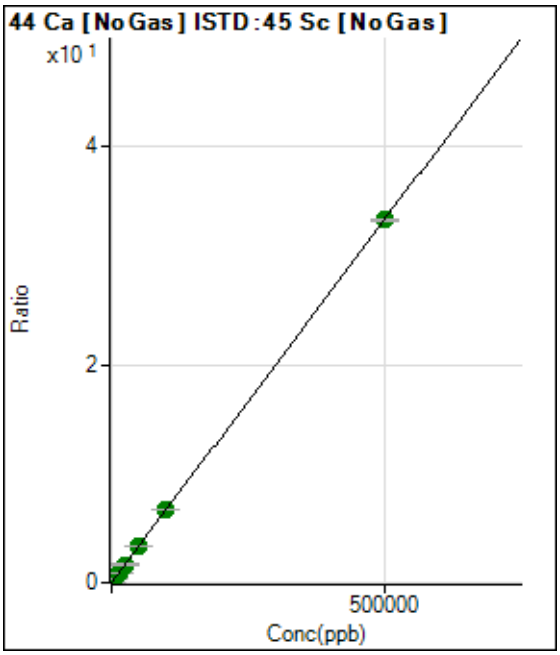
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	604.46	0.0000	P	9.5
2	☐	500.000	525.136	34388.95	0.0022	P	3.0
3	☐	5000.000	5267.261	358634.14	0.0217	P	0.4
4	☐	12500.000	12902.316	863098.83	0.0531	P	2.1
5	☐	25000.000	25107.239	1650334.00	0.1033	A	2.5
6	☐	50000.000	50774.614	3281183.18	0.2088	A	1.8
7	☐	100000.00	100995.10	6576711.85	0.4154	A	1.4
8	☐	500000.00	499705.40	29433337.62	2.0550	A	0.7

y = 4.1124E-006 * x + 3.9651E-005
R = 1.0000
DL = 2.742
BEC = 9.642

Weight: <None>
Min Conc: 0

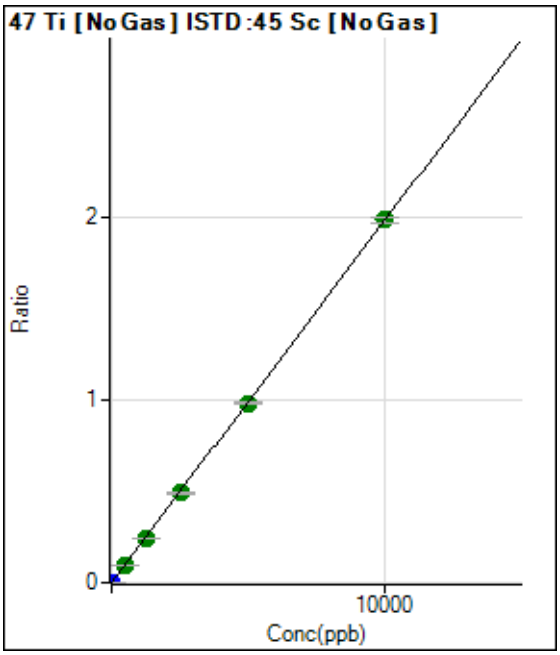


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44576.46	0.0029	P	0.8
2	☐	500.000	518.019	584845.19	0.0374	P	1.8
3	☐	5000.000	5071.800	5626631.30	0.3405	A	0.8
4	☐	12500.000	12478.344	13547191.19	0.8334	A	1.7
5	☐	25000.000	25013.173	26645714.05	1.6676	A	2.5
6	☐	50000.000	50165.445	52497939.77	3.3416	A	2.1
7	☐	100000.00	100663.91	106118572.86	6.7024	A	1.4
8	☐	500000.00	499849.81	476540161.79	33.2695	A	0.6

y = 6.6553E-005 * x + 0.0029
R = 1.0000
DL = 1.11
BEC = 43.94

Weight: <None>
Min Conc: 0

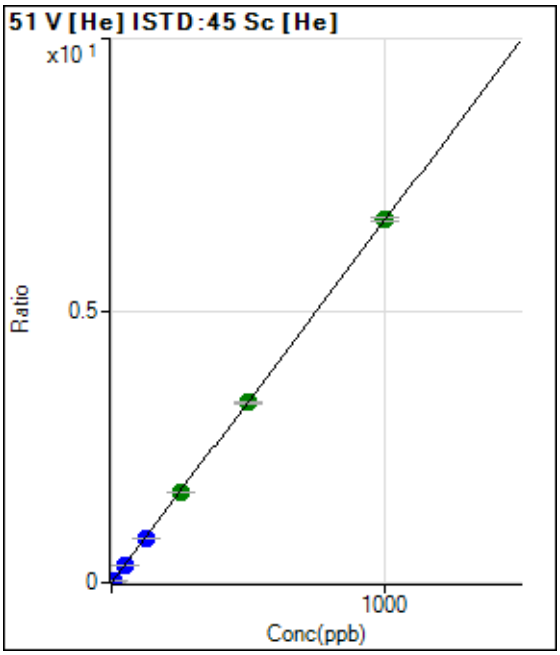
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192.23	0.0000	P	17.3
2	☐	5.000	4.869	15270.01	0.0010	P	3.2
3	☐	500.000	498.498	1631299.33	0.0987	A	1.3
4	☐	1250.000	1228.526	3954373.76	0.2432	A	0.9
5	☐	2500.000	2475.718	7832126.97	0.4902	A	2.2
6	☐	5000.000	4967.904	15452872.13	0.9836	A	2.1
7	☐	10000.000	10024.878	31423063.42	1.9848	A	1.7
8	☐			2983.67	0.0002	P	28.8

y = 1.9799E-004 * x + 1.2598E-005
R = 1.0000
DL = 0.03311
BEC = 0.06363

Weight: <None>
Min Conc: 0

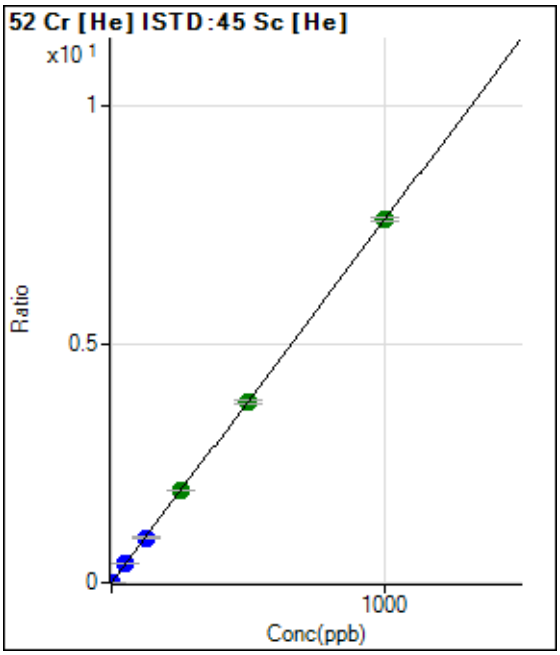


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0000	P	50.1
2	☐	5.000	4.953	43137.09	0.0330	P	1.1
3	☐	50.000	49.602	441799.28	0.3300	P	0.4
4	☐	125.000	120.776	1071852.86	0.8035	P	1.5
5	☐	250.000	249.258	2134918.47	1.6582	A	1.6
6	☐	500.000	496.839	4335907.61	3.3052	A	1.1
7	☐	1000.000	1002.314	8747385.56	6.6679	A	1.0
8	☐			1365.63	0.0011	P	3.0

y = 0.0067 * x + 4.3002E-005
R = 1.0000
DL = 0.009712
BEC = 0.006464

Weight: <None>
Min Conc: 0

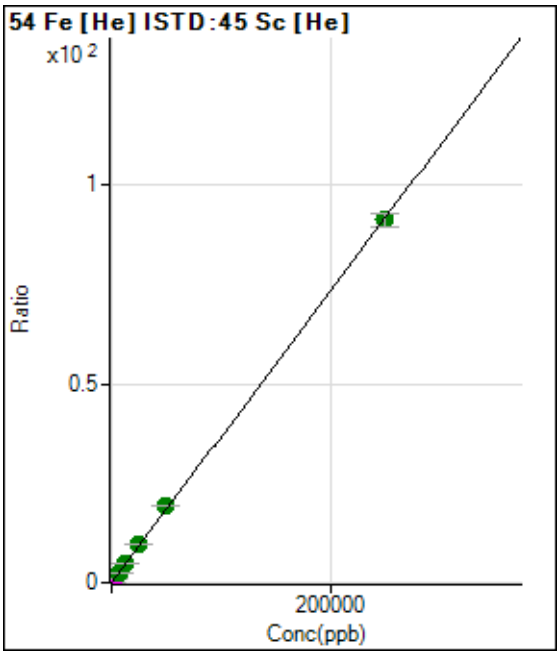
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1886.80	0.0015	P	3.6
2	☐	2.000	2.045	22322.18	0.0171	P	1.6
3	☐	50.000	50.628	518072.19	0.3870	P	1.2
4	☐	125.000	123.397	1255432.79	0.9411	P	1.7
5	☐	250.000	253.966	2491900.19	1.9354	A	0.8
6	☐	500.000	497.942	4975894.30	3.7932	A	1.3
7	☐	1000.000	1000.206	9993770.89	7.6177	A	1.2
8	☐			29789.40	0.0232	P	3.0

y = 0.0076 * x + 0.0015
R = 1.0000
DL = 0.02138
BEC = 0.1967

Weight: <None>
Min Conc: 0

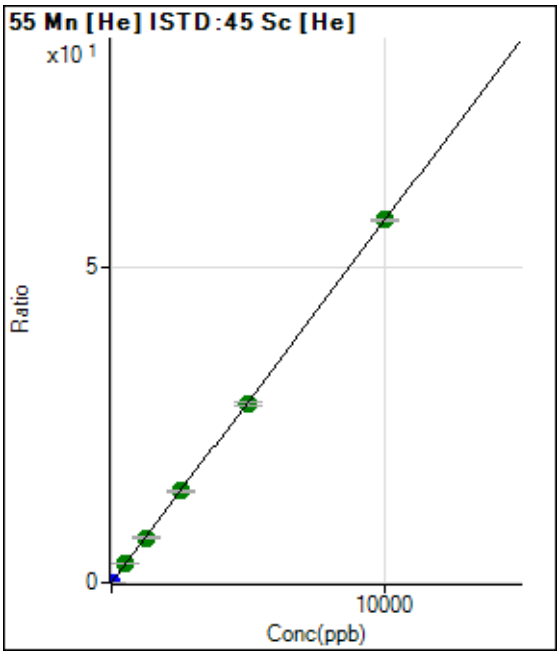


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4461.81	0.0035	P	3.2
2	☐	50.000	55.390	31118.87	0.0238	P	2.0
3	☐	2500.000	2717.440	1335583.38	0.9976	M	0.9
4	☐	6250.000	6611.300	3230952.14	2.4220	A	1.3
5	☐	12500.000	13369.391	6301254.97	4.8942	A	1.4
6	☐	25000.000	26044.830	12502418.42	9.5309	A	2.1
7	☐	50000.000	52442.264	25170491.85	19.1873	A	0.8
8	☐	250000.00	249352.38	117214122.70	91.2184	A	3.8

y = 3.6581E-004 * x + 0.0035
R = 0.9999
DL = 0.9158
BEC = 9.682

Weight: <None>
Min Conc: 0

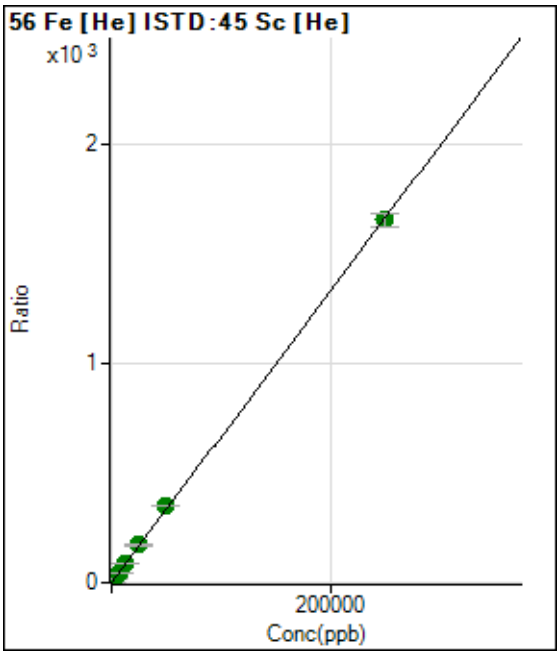
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	621.13	0.0005	P	9.7
2	☐	1.000	0.979	7984.41	0.0061	P	1.7
3	☐	500.000	512.483	3935568.90	2.9400	A	1.7
4	☐	1250.000	1247.935	9549030.27	7.1583	A	1.7
5	☐	2500.000	2531.253	18692552.92	14.5191	A	2.0
6	☐	5000.000	4943.805	37198723.61	28.3569	A	1.4
7	☐	10000.000	10019.918	75397394.43	57.4723	A	0.6
8	☐			35695.62	0.0278	P	2.3

y = 0.0057 * x + 4.9336E-004
R = 1.0000
DL = 0.02502
BEC = 0.08601

Weight: <None>
Min Conc: 0

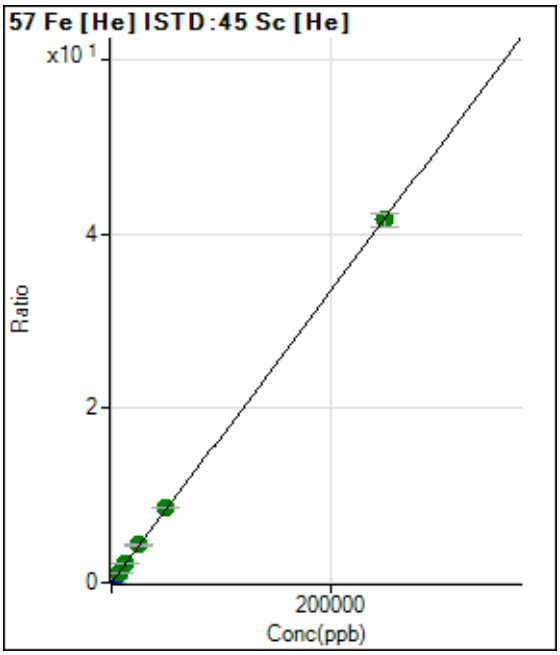


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25481.67	0.0202	P	0.6
2	☐	50.000	54.548	500263.56	0.3826	P	0.6
3	☐	2500.000	2704.664	24083492.97	17.9900	A	1.2
4	☐	6250.000	6582.672	58370000.24	43.7555	A	1.3
5	☐	12500.000	13360.545	114316164.96	88.7877	A	1.2
6	☐	25000.000	25915.762	225894492.19	172.2046	A	1.5
7	☐	50000.000	52617.308	458627522.05	349.6096	A	0.9
8	☐	250000.00	249331.57	2128999968.2	1,656.579	A	3.8

y = 0.0066 * x + 0.0202
R = 0.9999
DL = 0.05504
BEC = 3.044

Weight: <None>
Min Conc: 0

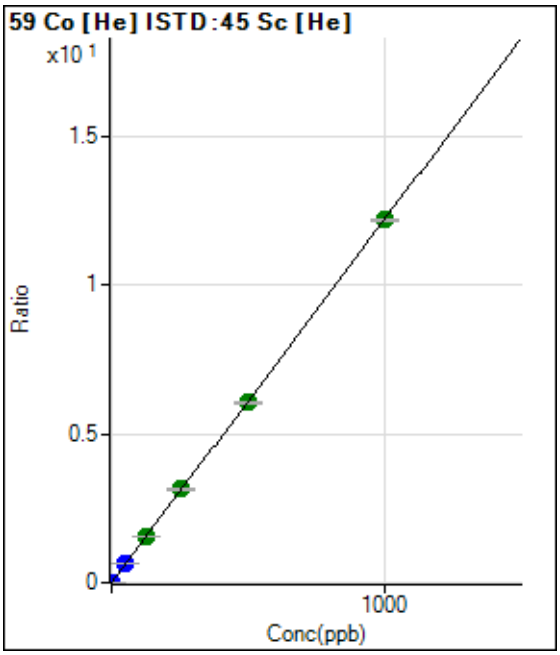
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1872.36	0.0015	P	3.3
2	☐	50.000	55.761	14116.70	0.0108	P	2.7
3	☐	2500.000	2757.342	618465.82	0.4620	P	0.7
4	☐	6250.000	6578.597	1467597.27	1.1002	A	1.7
5	☐	12500.000	13404.010	2883885.79	2.2401	A	2.6
6	☐	25000.000	25845.091	5664364.22	4.3179	A	0.8
7	☐	50000.000	51710.949	11331095.11	8.6378	A	1.4
8	☐	250000.00	249517.31	53552935.87	41.6737	A	3.5

y = 1.6701E-004 * x + 0.0015
R = 1.0000
DL = 0.8745
BEC = 8.899

Weight: <None>
Min Conc: 0

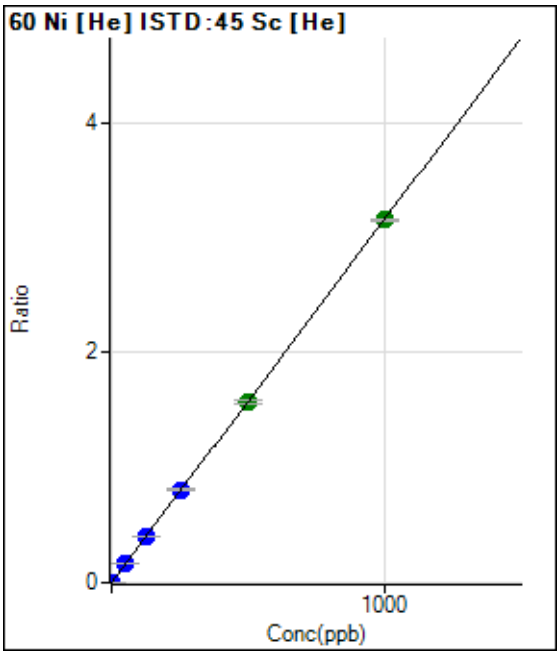


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.23	0.0002	P	11.6
2	☐	1.000	1.077	17463.60	0.0134	P	2.2
3	☐	50.000	51.589	841660.31	0.6287	P	0.8
4	☐	125.000	127.957	2079603.67	1.5591	A	2.5
5	☐	250.000	257.840	4044577.58	3.1414	A	2.0
6	☐	500.000	496.520	7935170.86	6.0491	A	1.4
7	☐	1000.000	999.331	15971348.65	12.1747	A	0.5
8	☐			39296.92	0.0306	P	2.8

y = 0.0122 * x + 2.3965E-004
R = 1.0000
DL = 0.006835
BEC = 0.01967

Weight: <None>
Min Conc: 0

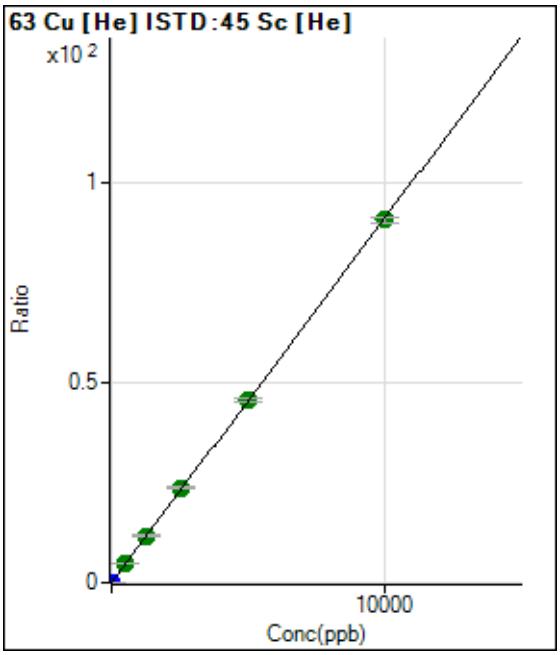
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.23	0.0003	P	12.5
2	☐	1.000	1.042	4690.77	0.0036	P	0.9
3	☐	50.000	52.284	221585.06	0.1655	P	1.0
4	☐	125.000	127.228	536755.81	0.4024	P	1.6
5	☐	250.000	255.943	1041738.51	0.8091	P	1.9
6	☐	500.000	498.603	2067712.42	1.5760	A	1.5
7	☐	1000.000	998.820	4141271.95	3.1568	A	0.7
8	☐			15697.18	0.0122	P	4.0

y = 0.0032 * x + 2.9531E-004
R = 1.0000
DL = 0.03502
BEC = 0.09345

Weight: <None>
Min Conc: 0

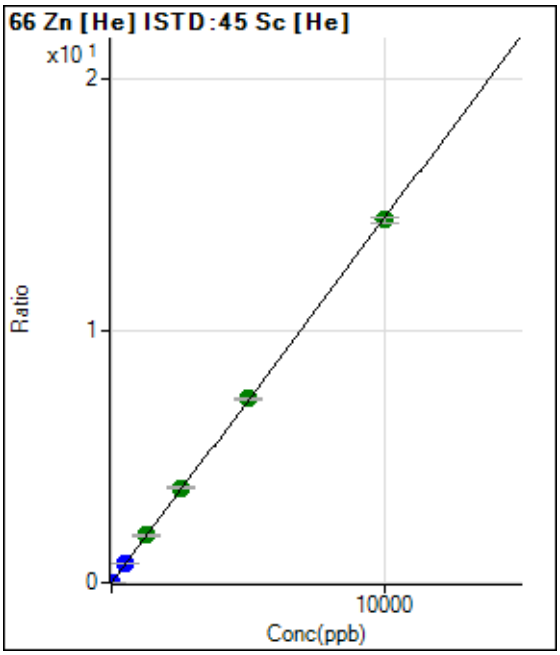


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2205.74	0.0018	P	4.2
2	☐	2.000	1.983	25865.74	0.0198	P	1.1
3	☐	500.000	528.103	6432336.64	4.8050	A	0.8
4	☐	1250.000	1288.809	15638341.71	11.7238	A	2.2
5	☐	2500.000	2594.933	30388211.77	23.6033	A	1.9
6	☐	5000.000	5012.795	59811063.00	45.5944	A	1.3
7	☐	10000.000	9963.613	118879336.01	90.6233	A	1.3
8	☐			25832.36	0.0201	P	4.3

y = 0.0091 * x + 0.0018
R = 0.9999
DL = 0.02451
BEC = 0.1925

Weight: <None>
Min Conc: 0

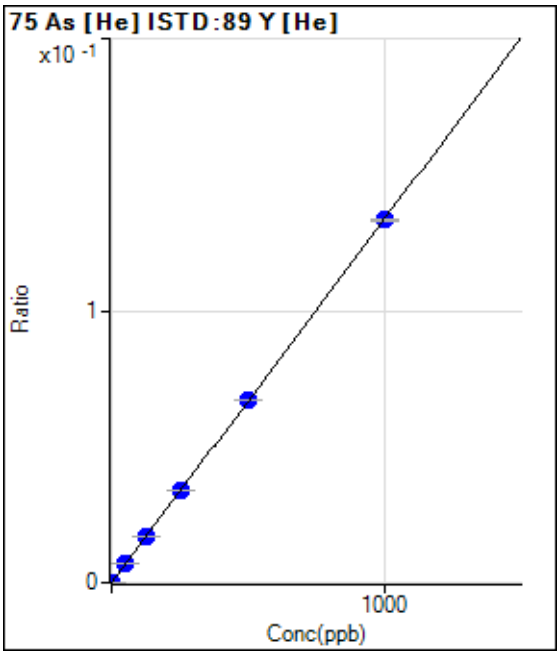
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	617.80	0.0005	P	6.2
2	☐	2.000	5.030	10154.65	0.0078	P	3.6
3	☐	500.000	527.143	1021494.42	0.7631	P	1.4
4	☐	1250.000	1293.457	2496501.07	1.8717	A	2.9
5	☐	2500.000	2593.097	4830286.66	3.7518	A	2.0
6	☐	5000.000	5042.358	9569684.65	7.2951	A	1.4
7	☐	10000.000	9948.757	18880925.14	14.3930	A	1.2
8	☐			49017.86	0.0381	P	2.8

y = 0.0014 * x + 4.9056E-004
R = 0.9999
DL = 0.06275
BEC = 0.3391

Weight: <None>
Min Conc: 0

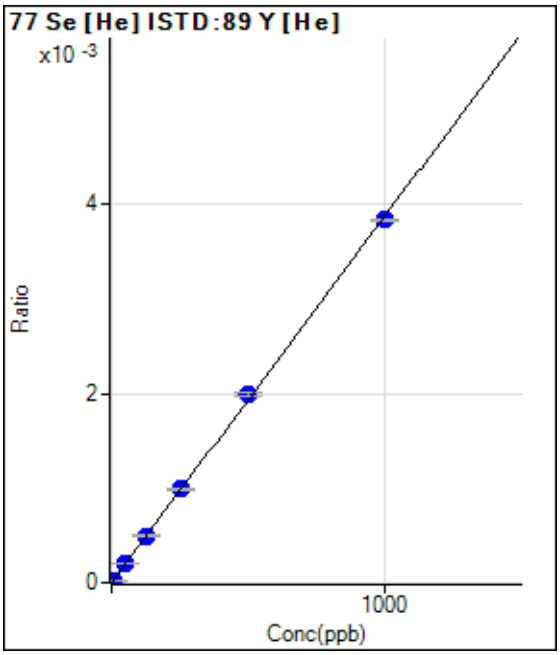


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	21.5
2	☐	1.000	1.069	1384.53	0.0001	P	2.1
3	☐	50.000	51.488	68835.21	0.0069	P	0.9
4	☐	125.000	125.747	168377.30	0.0168	P	0.7
5	☐	250.000	253.478	329655.95	0.0339	P	0.7
6	☐	500.000	502.155	651496.56	0.0671	P	0.9
7	☐	1000.000	997.885	1310832.52	0.1334	P	0.6
8	☐			664.47	0.0001	P	5.3

y = 1.3364E-004 * x + 9.3825E-007
R = 1.0000
DL = 0.004522
BEC = 0.007021

Weight: <None>
Min Conc: 0

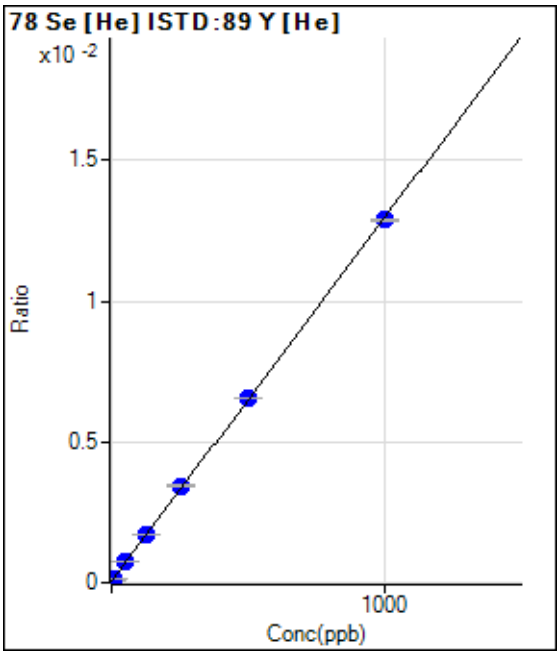
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.861	182.23	0.0000	P	16.9
3	☐	50.000	53.572	2073.50	0.0002	P	3.8
4	☐	125.000	127.268	4931.99	0.0005	P	2.5
5	☐	250.000	255.325	9608.75	0.0010	P	2.6
6	☐	500.000	513.700	19284.88	0.0020	P	1.6
7	☐	1000.000	991.357	37684.49	0.0038	P	0.3
8	☐			10.00	0.0000	P	66.4

y = 3.8669E-006 * x + 1.1740E-007
R = 0.9998
DL = 0.1578
BEC = 0.03036

Weight: <None>
Min Conc: 0

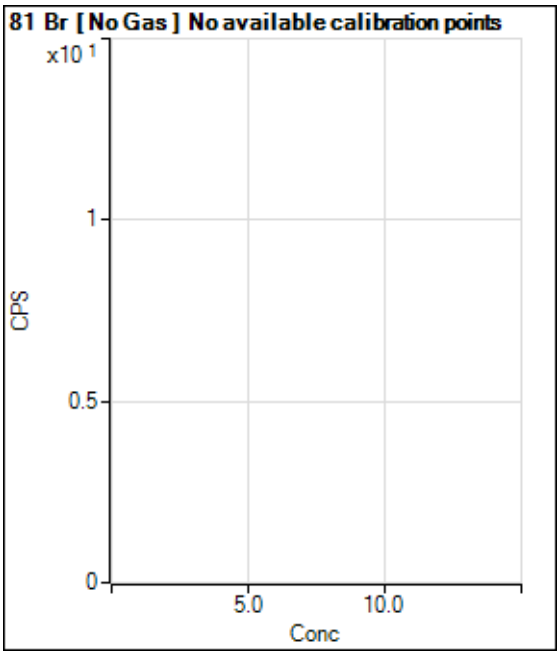


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.23	0.0001	P	8.0
2	☐	5.000	4.876	1116.72	0.0001	P	3.0
3	☐	50.000	52.270	7275.19	0.0007	P	1.8
4	☐	125.000	127.157	16968.71	0.0017	P	0.9
5	☐	250.000	262.828	33513.51	0.0034	P	0.3
6	☐	500.000	503.666	63599.10	0.0066	P	0.7
7	☐	1000.000	994.577	126648.00	0.0129	P	0.8
8	☐			548.90	0.0001	P	8.9

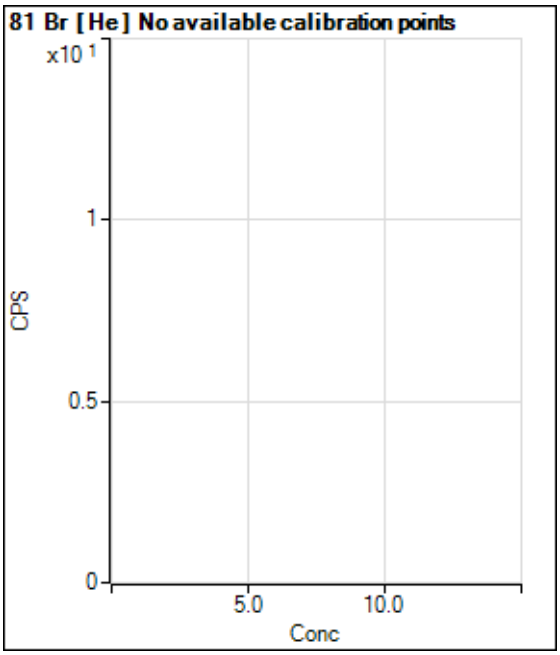
y = 1.2901E-005 * x + 5.3020E-005
R = 0.9999
DL = 0.9863
BEC = 4.11

Weight: <None>
Min Conc: 0

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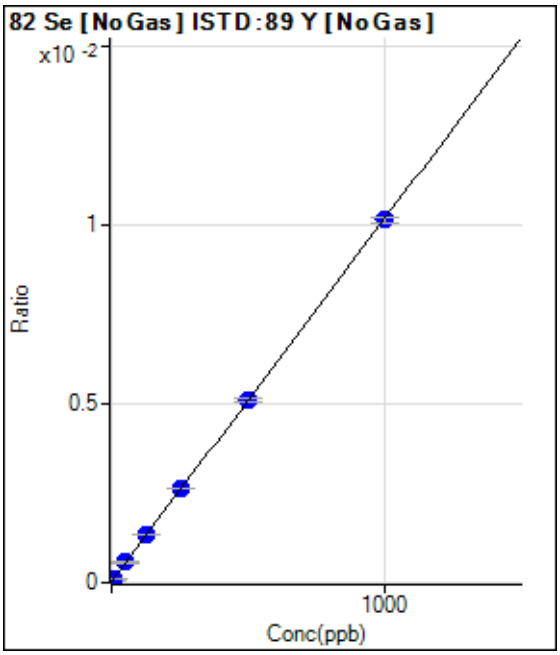


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			14393.80		P	1.9
2	☐			14429.37		P	2.5
3	☐			14918.76		P	2.2
4	☐			14801.98		P	1.7
5	☐			14477.18		P	2.0
6	☐			13833.24		P	1.1
7	☐			14484.97		P	2.2
8	☐			16457.04		P	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			152.23		P	7.7
2	☐			180.00		P	14.0
3	☐			101.11		P	12.5
4	☐			85.56		P	16.2
5	☐			92.22		P	16.7
6	☐			94.45		P	17.8
7	☐			124.44		P	15.2
8	☐			241.12		P	14.0

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1528.78	0.0000	P	7.4
2	☐	5.000	5.439	3637.75	0.0001	P	2.4
3	☐	50.000	51.811	22640.38	0.0006	P	1.1
4	☐	125.000	128.837	53105.06	0.0013	P	1.9
5	☐	250.000	255.147	102367.96	0.0026	P	1.2
6	☐	500.000	501.785	199604.67	0.0051	P	2.3
7	☐	1000.000	997.248	390906.82	0.0101	P	1.3
8	☐			1833.69	0.0001	P	2.0

y = 1.0114E-005 * x + 4.1383E-005

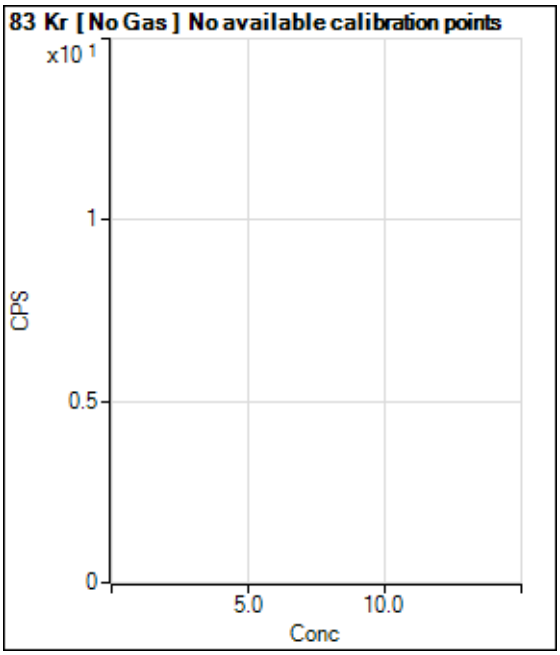
R = 1.0000

DL = 0.9085

BEC = 4.092

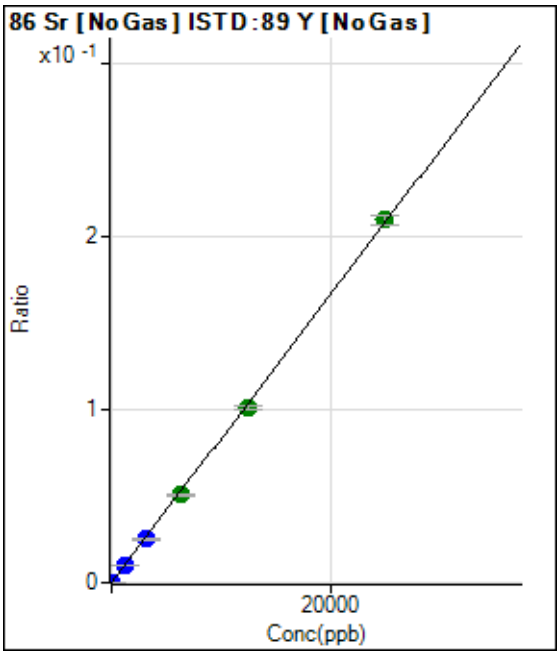
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			368.90		P	3.7
2	☐			308.90		P	13.5
3	☐			336.68		P	4.5
4	☐			335.56		P	7.7
5	☐			361.12		P	6.8
6	☐			380.01		P	8.4
7	☐			382.23		P	14.4
8	☐			420.01		P	2.1

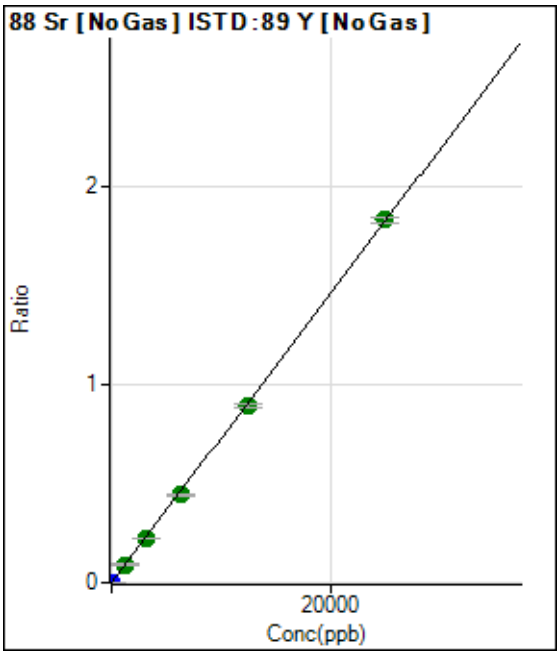
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	601.13	0.0000	P	4.5
2	☐	1.000	24.677	8346.88	0.0002	P	2.7
3	☐	1250.000	1226.665	408511.64	0.0102	P	1.6
4	☐	3125.000	3021.534	991699.61	0.0251	P	1.5
5	☐	6250.000	6117.802	1984038.51	0.0508	A	2.0
6	☐	12500.000	12138.489	3932954.59	0.1008	A	2.0
7	☐	25000.000	25227.904	8085829.39	0.2095	A	2.3
8	☐			21949.81	0.0006	P	1.8

y = 8.3038E-006 * x + 1.6267E-005
R = 0.9998
DL = 0.2649
BEC = 1.959

Weight: <None>
Min Conc: 0

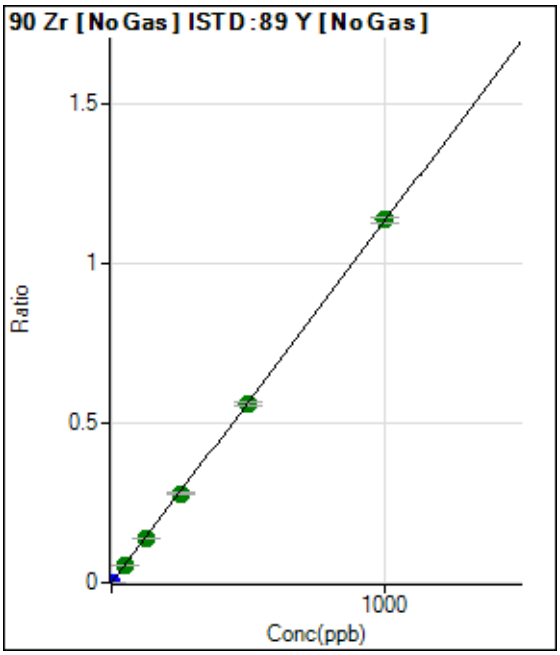


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413.34	0.0000	P	5.2
2	☐	1.000	24.810	68593.25	0.0018	P	0.5
3	☐	1250.000	1255.354	3660506.26	0.0914	A	2.1
4	☐	3125.000	3073.826	8841470.49	0.2238	A	1.7
5	☐	6250.000	6102.206	17347893.77	0.4444	A	1.9
6	☐	12500.000	12277.087	34877970.59	0.8940	A	1.8
7	☐	25000.000	25154.533	70698523.95	1.8317	A	1.4
8	☐			186323.80	0.0054	P	1.9

y = 7.2817E-005 * x + 1.1177E-005
R = 0.9999
DL = 0.02389
BEC = 0.1535

Weight: <None>
Min Conc: 0

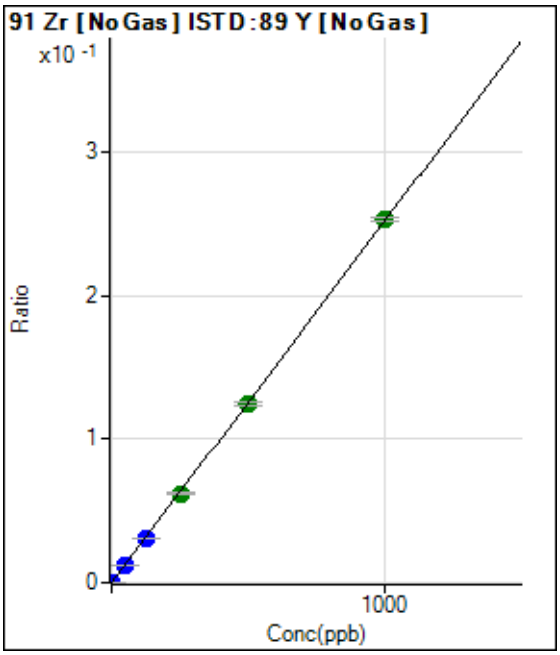
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2167.96	0.0001	P	13.3
2	☐	1.000	0.979	43948.97	0.0012	P	2.0
3	☐	50.000	49.511	2242943.70	0.0560	A	1.1
4	☐	125.000	122.566	5473739.64	0.1386	A	2.4
5	☐	250.000	246.981	10900252.06	0.2792	A	1.9
6	☐	500.000	493.931	21780264.96	0.5583	A	2.1
7	☐	1000.000	1004.118	43803266.01	1.1349	A	1.5
8	☐			36273.74	0.0010	P	2.5

y = 0.0011 * x + 5.8695E-005
R = 1.0000
DL = 0.02072
BEC = 0.05193

Weight: <None>
Min Conc: 0

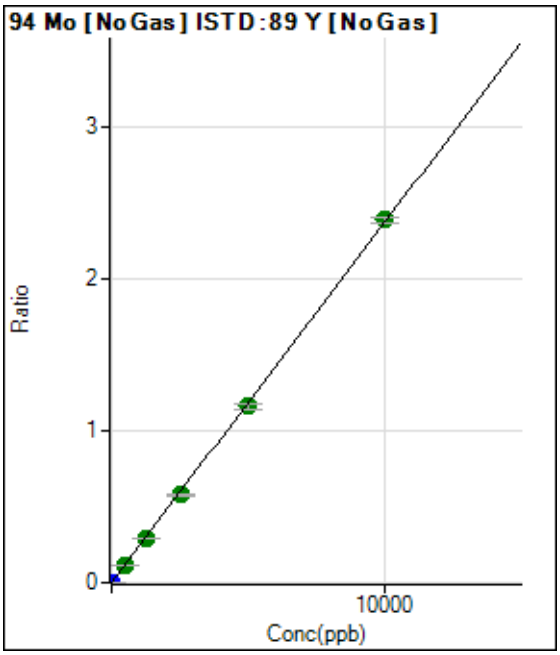


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	423.34	0.0000	P	19.3
2	☐	1.000	0.991	9855.62	0.0003	P	2.2
3	☐	50.000	48.971	494620.02	0.0124	P	1.9
4	☐	125.000	121.134	1206309.87	0.0305	P	1.6
5	☐	250.000	246.883	2429678.05	0.0622	A	2.7
6	☐	500.000	493.325	4850784.86	0.1243	A	2.1
7	☐	1000.000	1004.652	9773171.38	0.2532	A	1.2
8	☐			8165.65	0.0002	P	1.6

y = 2.5202E-004 * x + 1.1471E-005
R = 1.0000
DL = 0.02636
BEC = 0.04552

Weight: <None>
Min Conc: 0

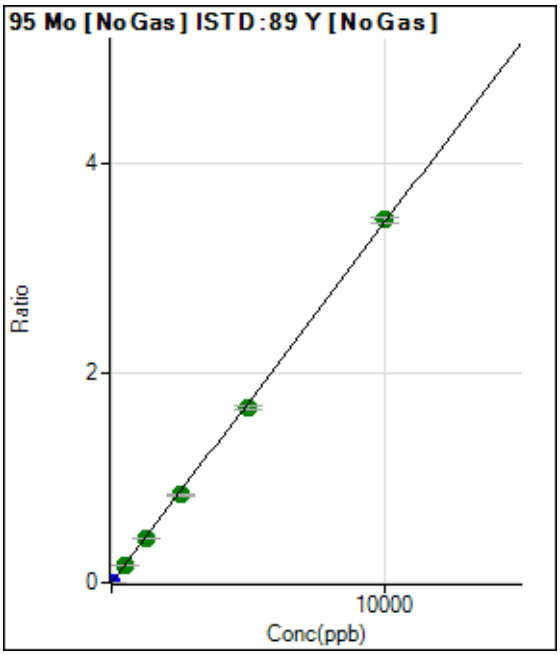
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	784.48	0.0000	P	22.8
2	☐	5.000	5.693	51690.82	0.0014	P	2.0
3	☐	500.000	496.464	4709653.47	0.1176	A	1.9
4	☐	1250.000	1228.536	11496160.66	0.2910	A	1.1
5	☐	2500.000	2449.227	22651758.83	0.5802	A	2.3
6	☐	5000.000	4887.813	45168459.33	1.1578	A	2.4
7	☐	10000.000	10071.646	92084438.63	2.3858	A	1.5
8	☐			23064.96	0.0007	P	9.3

y = 2.3688E-004 * x + 2.1249E-005
R = 0.9999
DL = 0.06132
BEC = 0.0897

Weight: <None>
Min Conc: 0

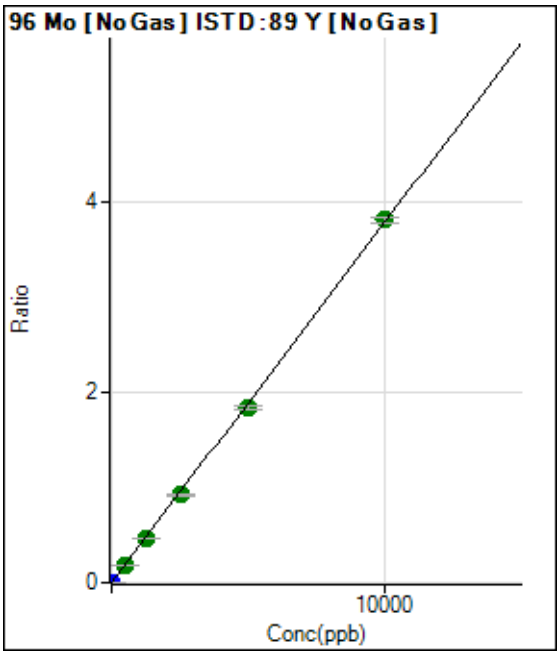


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.56	0.0000	P	21.6
2	☐	5.000	4.852	62952.47	0.0017	P	0.6
3	☐	500.000	493.191	6781559.14	0.1694	A	1.5
4	☐	1250.000	1235.619	16760473.78	0.4243	A	1.4
5	☐	2500.000	2452.343	32878564.79	0.8421	A	2.1
6	☐	5000.000	4872.530	65274604.59	1.6732	A	2.4
7	☐	10000.000	10077.787	133577405.79	3.4607	A	1.6
8	☐			16638.68	0.0005	P	19.0

y = 3.4340E-004 * x + 2.0408E-006
R = 0.9999
DL = 0.003848
BEC = 0.005943

Weight: <None>
Min Conc: 0

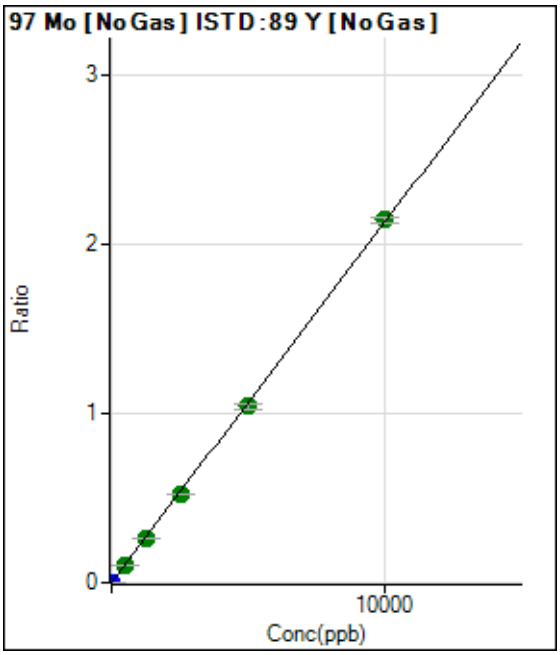
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	254.45	0.0000	P	14.0
2	☐	5.000	4.849	69315.44	0.0018	P	1.7
3	☐	500.000	492.419	7440987.46	0.1858	A	1.8
4	☐	1250.000	1227.345	18295845.84	0.4632	A	1.2
5	☐	2500.000	2449.354	36088259.18	0.9243	A	1.8
6	☐	5000.000	4869.959	71697532.82	1.8378	A	2.3
7	☐	10000.000	10080.893	146837275.59	3.8043	A	1.7
8	☐			36509.09	0.0011	P	11.3

y = 3.7738E-004 * x + 6.8858E-006
R = 0.9999
DL = 0.007666
BEC = 0.01825

Weight: <None>
Min Conc: 0

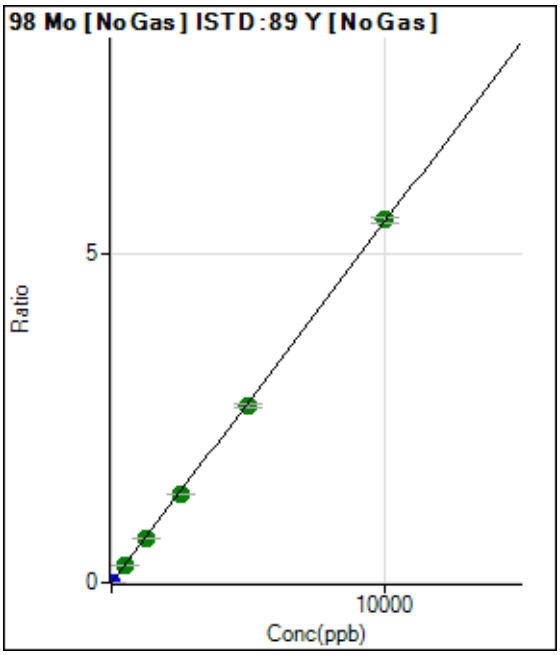


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0000	P	40.2
2	☐	5.000	4.832	38945.08	0.0010	P	1.0
3	☐	500.000	494.432	4219563.41	0.1054	A	1.8
4	☐	1250.000	1225.787	10320013.11	0.2613	A	0.9
5	☐	2500.000	2455.331	20430964.83	0.5233	A	1.6
6	☐	5000.000	4890.464	40662496.62	1.0423	A	2.6
7	☐	10000.000	10069.241	82832317.65	2.1461	A	1.7
8	☐			10152.61	0.0003	P	20.7

y = 2.1313E-004 * x + 2.1421E-006
R = 0.9999
DL = 0.01212
BEC = 0.01005

Weight: <None>
Min Conc: 0

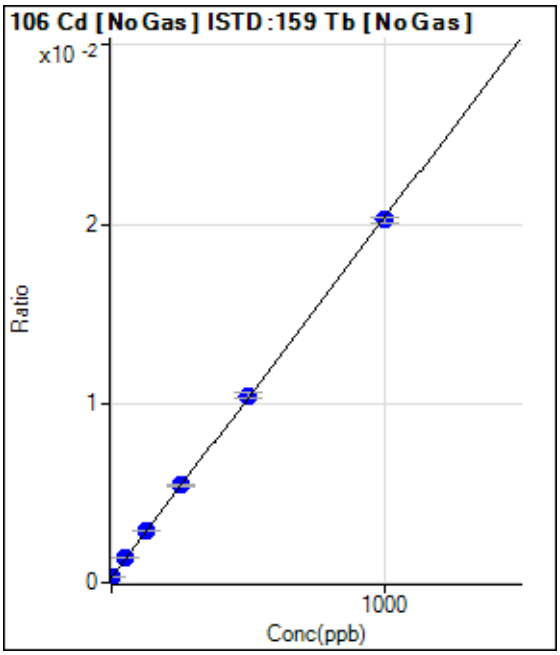
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131.11	0.0000	P	18.3
2	☐	5.000	4.846	100532.93	0.0027	P	1.4
3	☐	500.000	493.307	10843848.73	0.2708	A	2.0
4	☐	1250.000	1221.873	26497990.16	0.6708	A	0.8
5	☐	2500.000	2458.364	52691469.77	1.3496	A	1.6
6	☐	5000.000	4893.881	104814737.33	2.6867	A	2.5
7	☐	10000.000	10067.319	213326041.26	5.5270	A	1.4
8	☐			24441.12	0.0007	P	22.0

y = 5.4900E-004 * x + 3.5421E-006
R = 0.9999
DL = 0.003545
BEC = 0.006452

Weight: <None>
Min Conc: 0

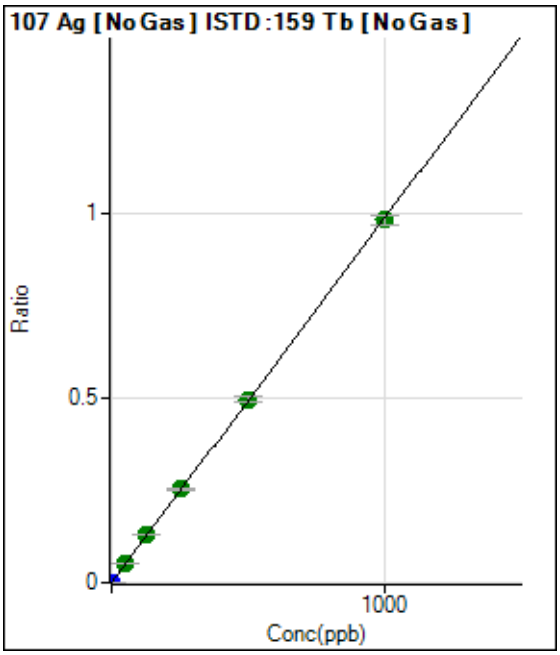


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9363.09	0.0003	P	2.7
2	☐	1.000	0.866	10071.37	0.0003	P	1.9
3	☐	50.000	54.431	46846.32	0.0014	P	2.1
4	☐	125.000	131.370	98665.36	0.0029	P	1.0
5	☐	250.000	257.324	182712.83	0.0055	P	2.0
6	☐	500.000	506.418	350599.33	0.0105	P	2.3
7	☐	1000.000	993.942	684550.92	0.0202	P	1.5
8	☐			9181.87	0.0003	P	1.4

y = 2.0060E-005 * x + 2.9940E-004
R = 0.9999
DL = 1.226
BEC = 14.93

Weight: <None>
Min Conc: 0

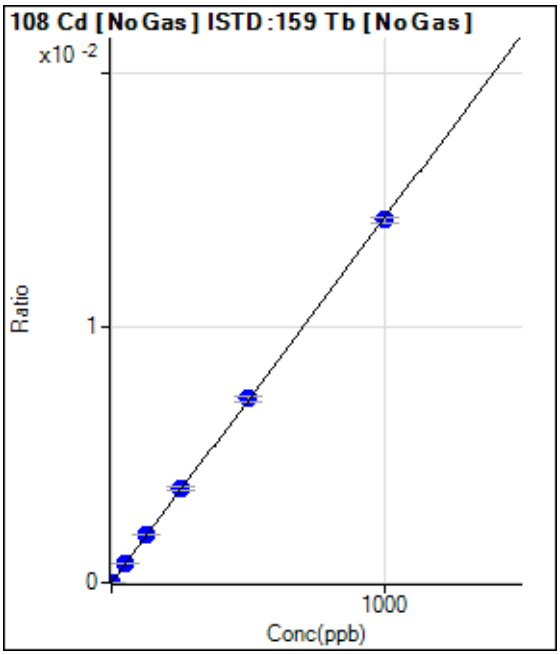
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0000	P	20.1
2	☐	1.000	1.038	32715.77	0.0010	P	3.1
3	☐	50.000	53.181	1766592.49	0.0525	A	1.8
4	☐	125.000	130.029	4312641.43	0.1283	A	1.0
5	☐	250.000	257.170	8487899.87	0.2537	A	1.5
6	☐	500.000	503.381	16647140.86	0.4966	A	2.4
7	☐	1000.000	995.729	33223751.45	0.9823	A	2.4
8	☐			2830.31	0.0001	P	22.1

y = 9.8649E-004 * x + 4.7282E-006
R = 1.0000
DL = 0.002891
BEC = 0.004793

Weight: <None>
Min Conc: 0

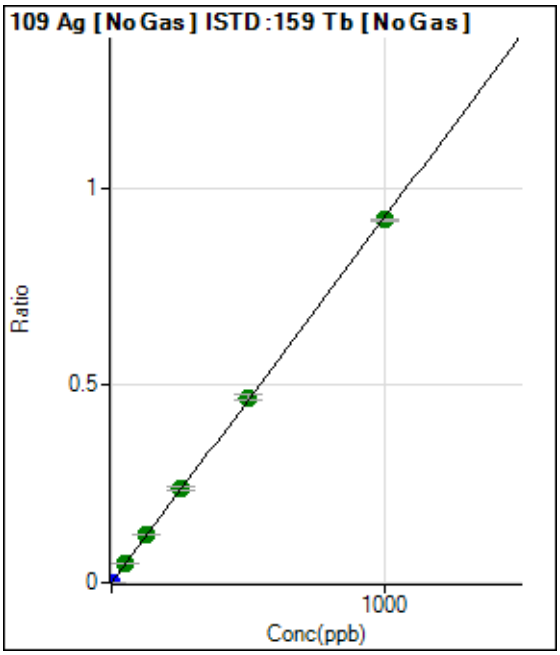


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0000	P	20.1
2	☐	1.000	1.055	505.57	0.0000	P	6.5
3	☐	50.000	53.689	25872.06	0.0008	P	3.7
4	☐	125.000	131.436	63211.29	0.0019	P	1.5
5	☐	250.000	257.779	123333.45	0.0037	P	2.8
6	☐	500.000	505.223	242189.13	0.0072	P	2.9
7	☐	1000.000	994.455	481002.46	0.0142	P	1.4
8	☐			180.00	0.0000	P	7.3

y = 1.4299E-005 * x + 8.1746E-007
R = 0.9999
DL = 0.03448
BEC = 0.05717

Weight: <None>
Min Conc: 0

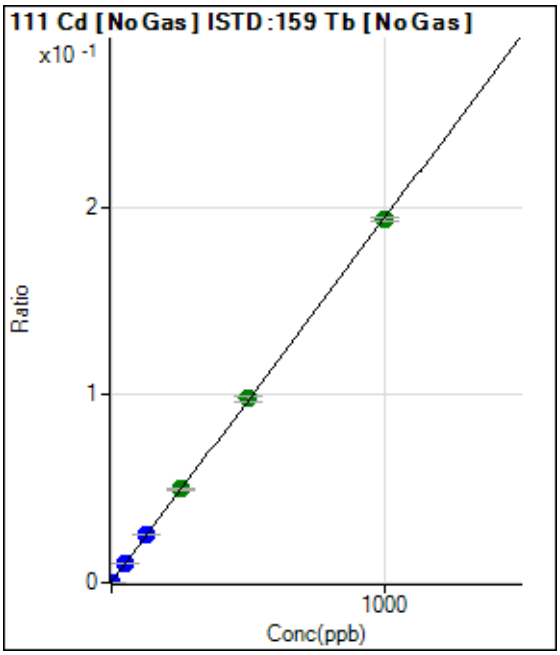
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.66	0.0000	P	24.7
2	☐	1.000	1.056	31093.34	0.0010	P	2.4
3	☐	50.000	54.433	1694769.77	0.0503	A	0.8
4	☐	125.000	132.488	4118311.05	0.1225	A	1.6
5	☐	250.000	258.198	7986630.92	0.2387	A	2.3
6	☐	500.000	506.709	15704654.77	0.4685	A	2.9
7	☐	1000.000	993.438	31070694.26	0.9185	A	0.5
8	☐			2656.95	0.0001	P	24.1

y = 9.2459E-004 * x + 1.4922E-006
R = 0.9999
DL = 0.001196
BEC = 0.001614

Weight: <None>
Min Conc: 0

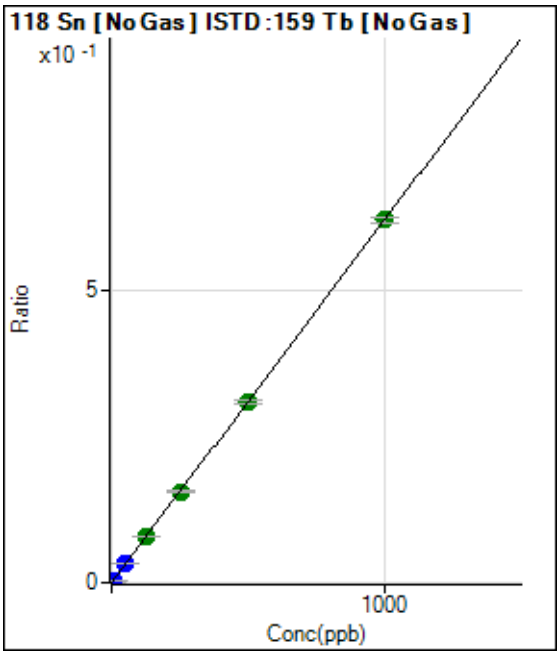


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6547.39	0.0002	P	2.8
2	☐	1.000	1.059	13187.58	0.0004	P	3.3
3	☐	50.000	53.618	357403.02	0.0106	P	1.1
4	☐	125.000	130.481	858311.07	0.0255	P	0.9
5	☐	250.000	256.482	1672079.53	0.0500	A	2.6
6	☐	500.000	505.013	3291976.64	0.0982	A	3.1
7	☐	1000.000	995.007	6538313.83	0.1933	A	1.2
8	☐			7066.89	0.0002	P	3.6

y = 1.9405E-004 * x + 2.0936E-004
R = 1.0000
DL = 0.08993
BEC = 1.079

Weight: <None>
Min Conc: 0

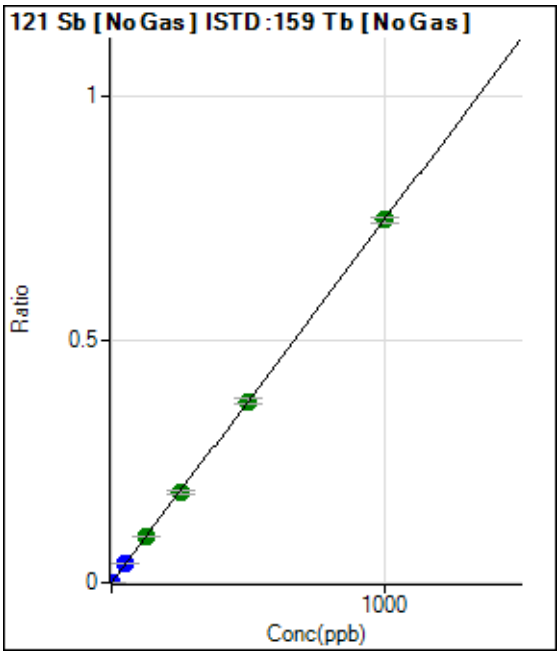
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3667.17	0.0001	P	3.9
2	☐	5.000	5.128	104611.77	0.0033	P	1.6
3	☐	50.000	51.121	1069052.04	0.0317	P	1.4
4	☐	125.000	126.278	2630900.76	0.0783	A	1.7
5	☐	250.000	250.230	5183660.90	0.1550	A	2.8
6	☐	500.000	498.930	10353590.26	0.3088	A	2.4
7	☐	1000.000	1000.261	20939496.35	0.6191	A	1.3
8	☐			18407.40	0.0006	P	3.1

y = 6.1877E-004 * x + 1.1729E-004
R = 1.0000
DL = 0.02238
BEC = 0.1895

Weight: <None>
Min Conc: 0

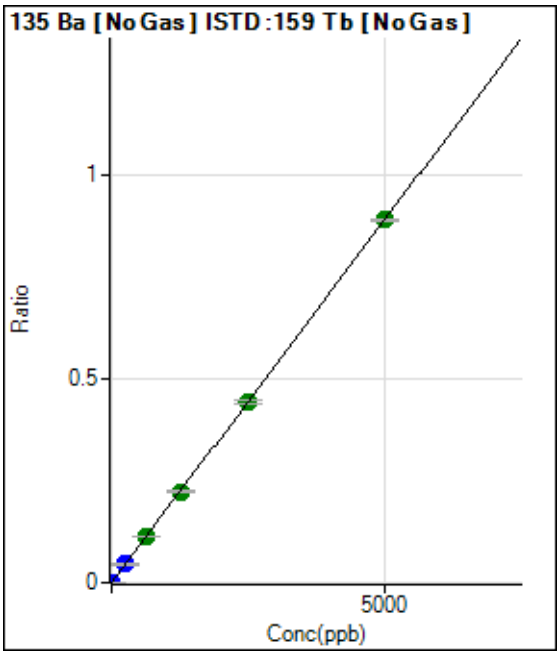


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0000	P	29.2
2	☐	2.000	2.042	48531.55	0.0015	P	1.3
3	☐	50.000	50.747	1275827.91	0.0379	P	1.3
4	☐	125.000	125.994	3162686.17	0.0941	A	0.9
5	☐	250.000	249.434	6230072.34	0.1862	A	3.2
6	☐	500.000	500.480	12526687.73	0.3737	A	2.3
7	☐	1000.000	999.740	25248195.46	0.7464	A	1.6
8	☐			18226.50	0.0006	P	19.0

y = 7.4662E-004 * x + 1.5285E-006
R = 1.0000
DL = 0.001792
BEC = 0.002047

Weight: <None>
Min Conc: 0

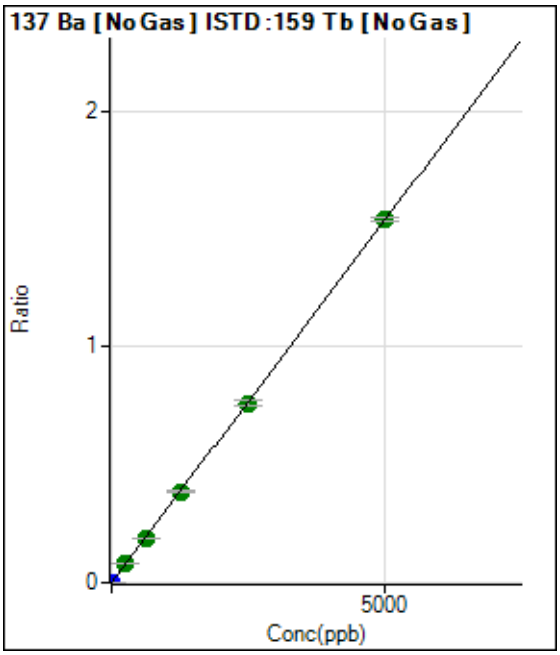
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.67	0.0000	P	40.3
2	☐	10.000	10.030	56908.81	0.0018	P	2.3
3	☐	250.000	252.246	1513277.04	0.0449	P	1.9
4	☐	625.000	626.135	3750580.64	0.1116	A	0.8
5	☐	1250.000	1252.620	7466190.65	0.2232	A	2.3
6	☐	2500.000	2494.902	14900475.47	0.4445	A	2.8
7	☐	5000.000	5001.640	30142918.72	0.8911	A	0.9
8	☐			11063.28	0.0004	P	9.5

y = 1.7816E-004 * x + 3.0956E-006
R = 1.0000
DL = 0.021
BEC = 0.01738

Weight: <None>
Min Conc: 0

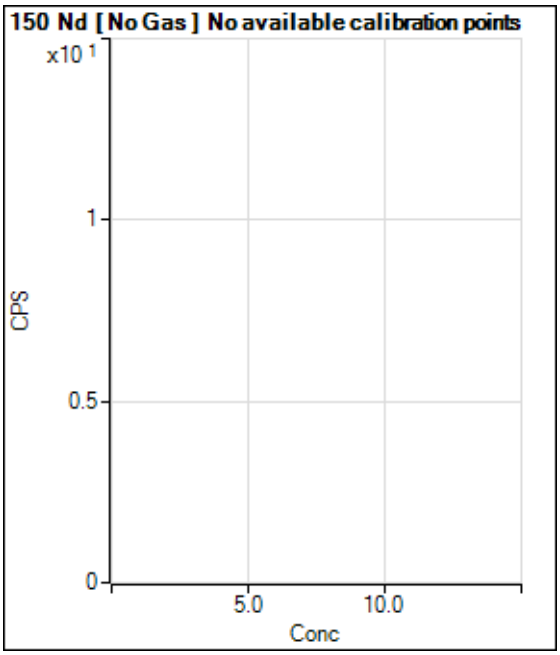


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.89	0.0000	P	4.6
2	☐	10.000	10.131	99100.80	0.0031	P	0.8
3	☐	250.000	253.610	2623689.27	0.0779	A	0.6
4	☐	625.000	619.658	6400132.54	0.1904	A	1.0
5	☐	1250.000	1254.777	12896511.06	0.3855	A	1.8
6	☐	2500.000	2478.141	25520571.56	0.7613	A	2.6
7	☐	5000.000	5010.222	52066205.89	1.5392	A	1.0
8	☐			18529.99	0.0006	P	9.7

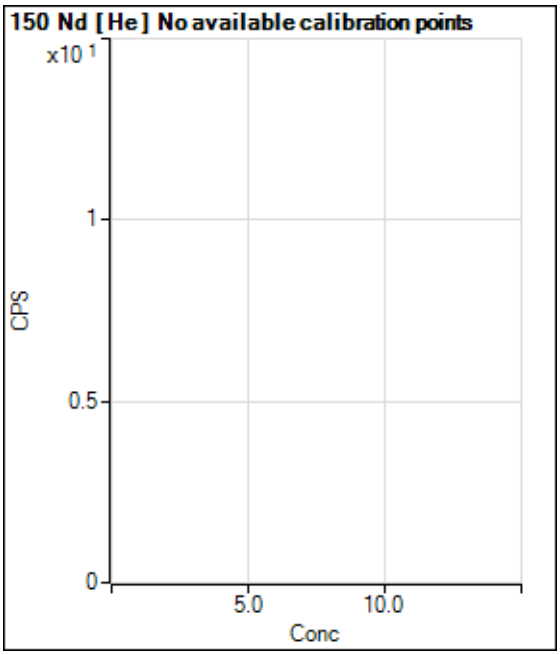
y = 3.0721E-004 * x + 4.7616E-006
R = 1.0000
DL = 0.002147
BEC = 0.0155

Weight: <None>
Min Conc: 0

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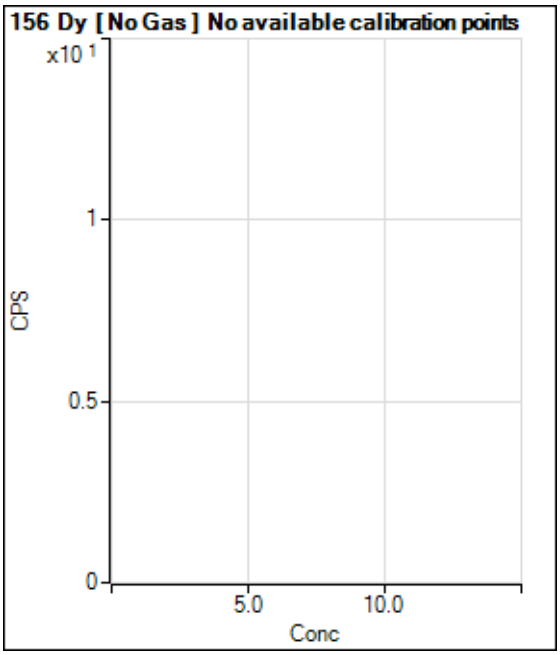


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	50.0
2	☐			17.78		P	28.6
3	☐			77.78		P	23.6
4	☐			167.78		P	14.1
5	☐			314.45		P	6.9
6	☐			642.24		P	6.0
7	☐			1188.95		P	7.2
8	☐			482.24		P	8.1

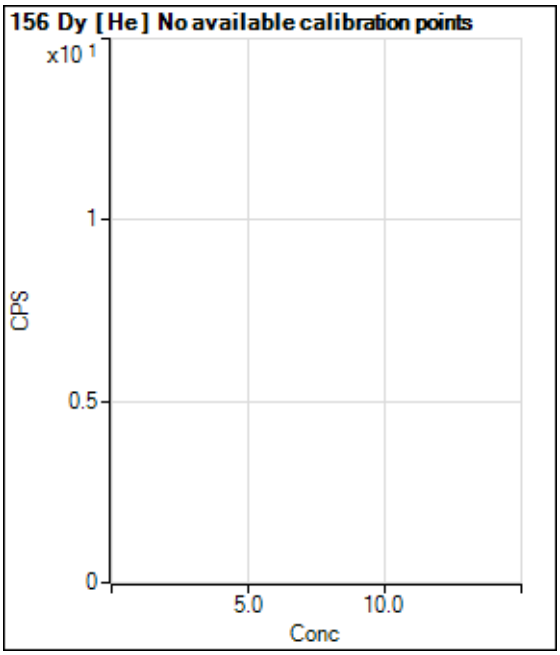


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7.78		P	65.5
2	☐			5.56		P	34.7
3	☐			28.89		P	37.1
4	☐			48.89		P	32.2
5	☐			87.78		P	24.7
6	☐			140.00		P	20.3
7	☐			284.45		P	9.8
8	☐			306.67		P	12.5

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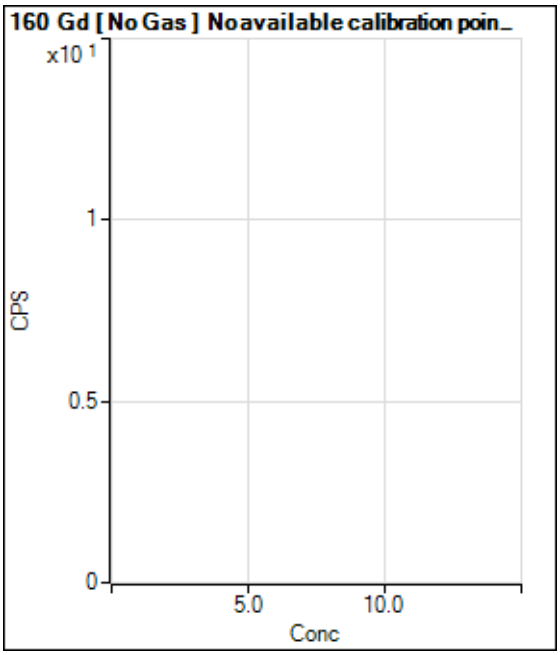


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			67.78		P	52.1
2	☐			56.67		P	42.4
3	☐			95.56		P	19.8
4	☐			136.67		P	22.4
5	☐			198.89		P	21.6
6	☐			327.79		P	11.9
7	☐			517.79		P	9.8
8	☐			845.59		P	8.6

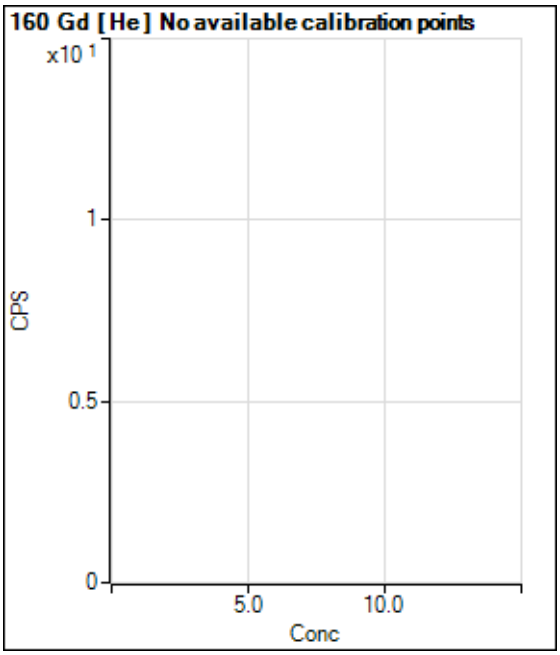


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			24.45		P	15.8
2	☐			32.22		P	33.3
3	☐			88.89		P	11.5
4	☐			202.23		P	9.5
5	☐			335.56		P	7.2
6	☐			614.47		P	11.3
7	☐			1382.31		P	3.0
8	☐			642.24		P	7.8

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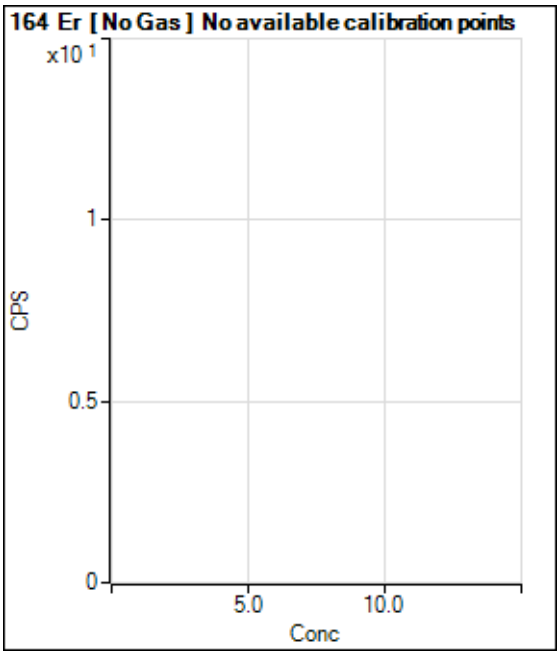


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			136.67		P	20.8
2	☐			165.56		P	23.2
3	☐			152.23		P	12.1
4	☐			183.34		P	14.2
5	☐			238.89		P	11.4
6	☐			267.78		P	6.4
7	☐			367.78		P	22.2
8	☐			851.15		P	12.0

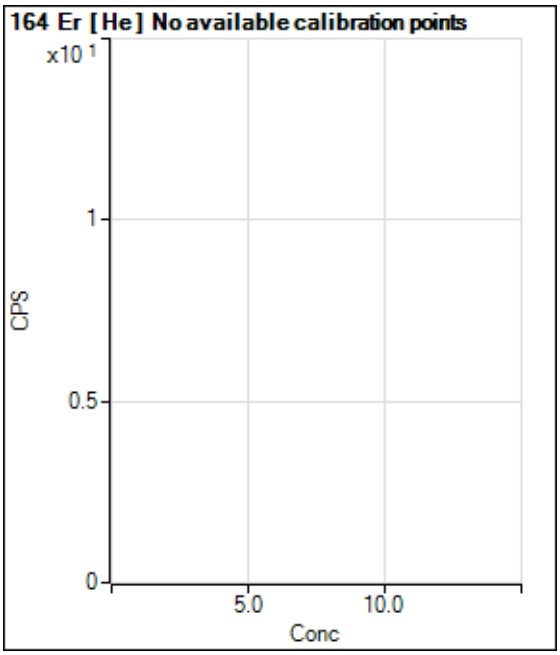


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1111.17		P	1.9
2	☐			1171.17		P	7.4
3	☐			1148.95		P	2.2
4	☐			1208.96		P	6.3
5	☐			1211.18		P	8.4
6	☐			1307.85		P	7.0
7	☐			1278.96		P	4.2
8	☐			1571.22		P	8.9

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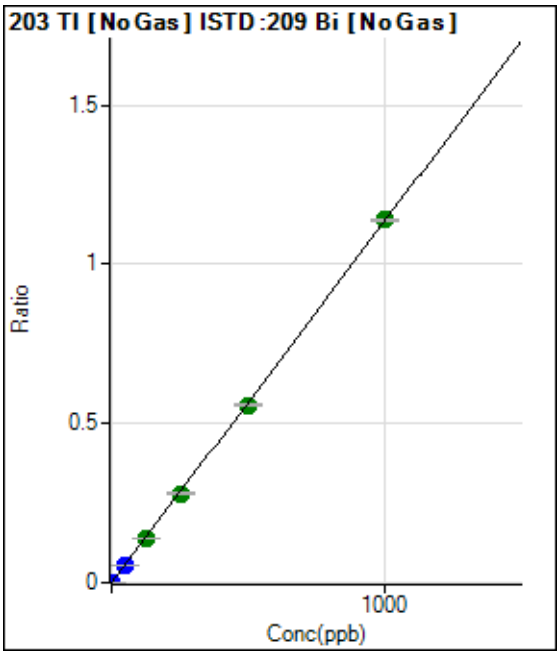


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			133.34		P	10.9
2	☐			125.56		P	15.1
3	☐			171.12		P	11.9
4	☐			185.56		P	17.7
5	☐			204.45		P	9.0
6	☐			277.78		P	5.9
7	☐			437.79		P	4.9
8	☐			907.82		P	5.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			73.33		P	19.8
2	☐			63.33		P	5.3
3	☐			108.89		P	10.7
4	☐			113.34		P	20.6
5	☐			150.00		P	10.2
6	☐			193.33		P	11.9
7	☐			300.01		P	1.1
8	☐			657.80		P	8.6

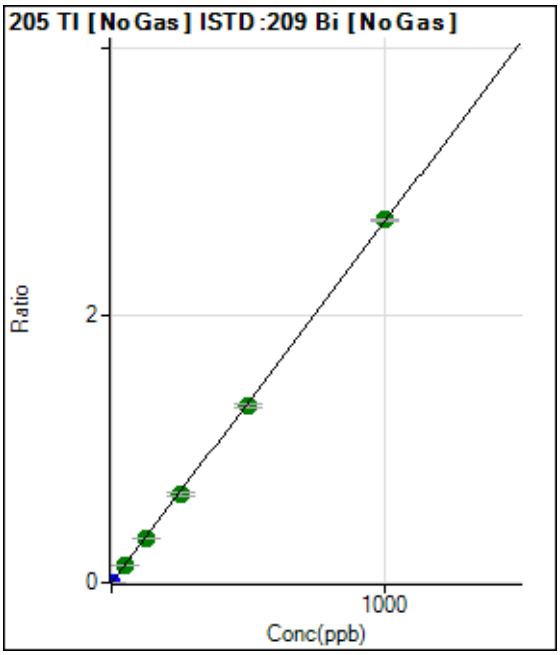
Reviewed By:mohan
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11:07:21 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	178.89	0.0000	P	12.1
2	☐	1.000	0.961	19728.82	0.0011	P	0.8
3	☐	50.000	49.205	1061393.40	0.0558	P	1.0
4	☐	125.000	122.604	2629349.61	0.1390	A	0.8
5	☐	250.000	247.631	5233604.19	0.2807	A	1.8
6	☐	500.000	492.274	10370735.40	0.5581	A	1.1
7	☐	1000.000	1004.795	20935999.55	1.1391	A	0.8
8	☐			1731.25	0.0001	P	30.9

y = 0.0011 * x + 1.0238E-005
R = 1.0000
DL = 0.003282
BEC = 0.009031

Weight: <None>
Min Conc: 0

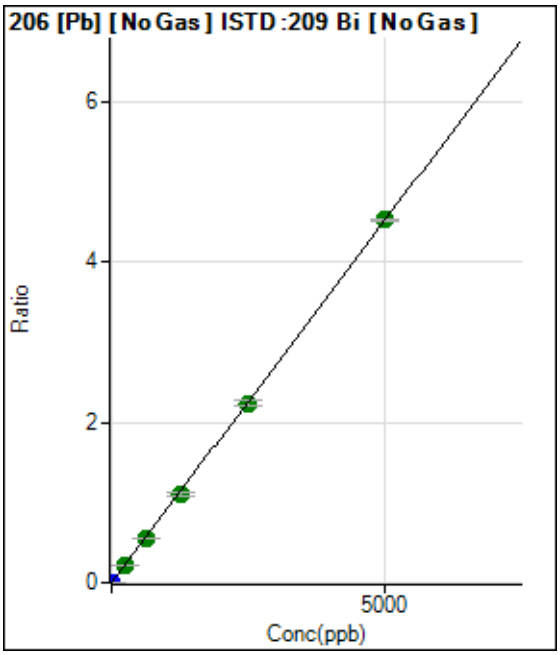


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	474.46	0.0000	P	14.7
2	☐	1.000	0.966	47296.34	0.0026	P	0.7
3	☐	50.000	48.852	2510754.60	0.1320	A	2.3
4	☐	125.000	121.841	6225702.55	0.3291	A	1.6
5	☐	250.000	244.359	12305153.15	0.6601	A	2.9
6	☐	500.000	492.502	24720340.74	1.3304	A	2.1
7	☐	1000.000	1005.612	49926191.48	2.7163	A	0.5
8	☐			3963.99	0.0003	P	28.5

y = 0.0027 * x + 2.7153E-005
R = 0.9999
DL = 0.004421
BEC = 0.01005

Weight: <None>
Min Conc: 0

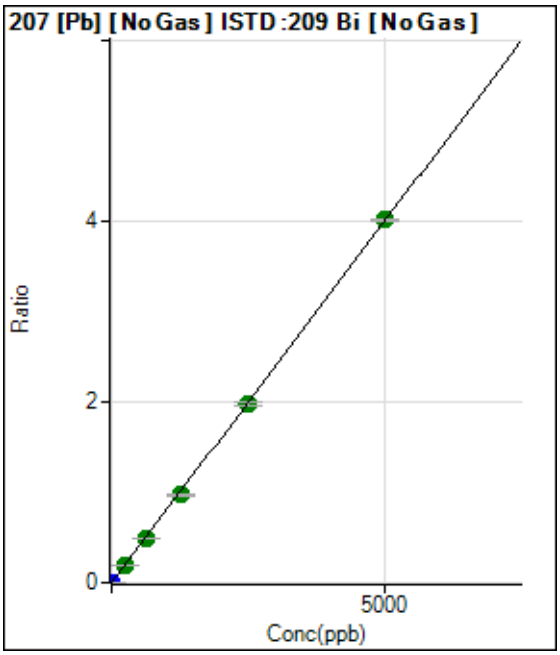
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	494.46	0.0000	P	3.7
2	☐	1.000	0.975	16273.19	0.0009	P	0.6
3	☐	250.000	245.105	4204356.85	0.2210	A	1.1
4	☐	625.000	609.812	10399623.46	0.5498	A	1.3
5	☐	1250.000	1223.571	20564489.00	1.1031	A	2.9
6	☐	2500.000	2485.545	41636972.16	2.2408	A	2.4
7	☐	5000.000	5015.978	83117609.87	4.5221	A	0.2
8	☐			12673.87	0.0008	P	16.6

y = 9.0153E-004 * x + 2.8303E-005
R = 1.0000
DL = 0.003505
BEC = 0.03139

Weight: <None>
Min Conc: 0

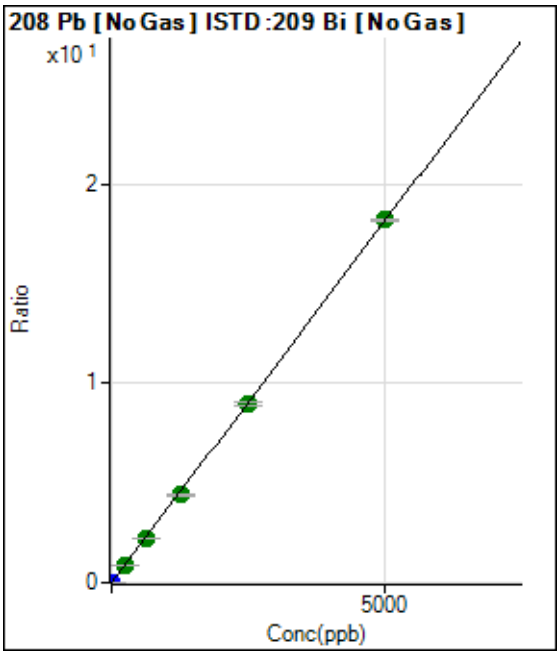


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	428.90	0.0000	P	11.4
2	☐	1.000	0.984	14553.44	0.0008	P	0.7
3	☐	250.000	247.656	3768444.39	0.1981	A	0.5
4	☐	625.000	608.718	9208393.82	0.4868	A	1.7
5	☐	1250.000	1218.357	18164596.12	0.9744	A	1.8
6	☐	2500.000	2478.937	36837686.95	1.9825	A	2.0
7	☐	5000.000	5020.595	73800208.34	4.0151	A	0.2
8	☐			11086.91	0.0007	P	14.8

y = 7.9972E-004 * x + 2.4555E-005
R = 1.0000
DL = 0.01051
BEC = 0.0307

Weight: <None>
Min Conc: 0

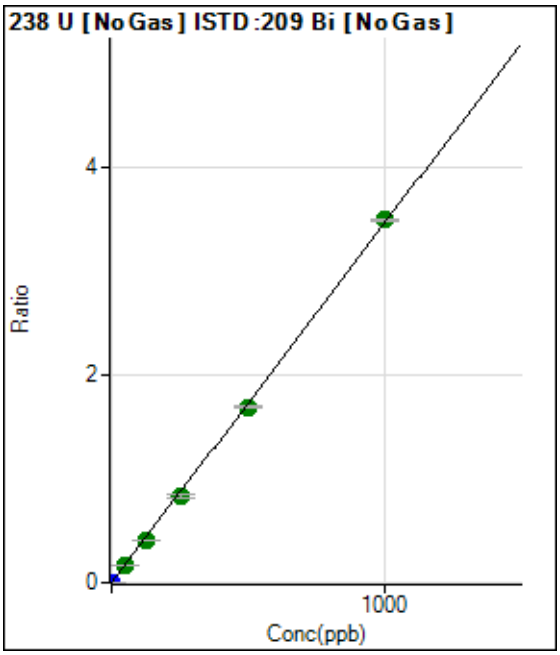
Reviewed By:mohan
On:11/14/2024
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1921.18	0.0001	P	1.6
2	☐	1.000	0.981	65734.76	0.0037	P	0.4
3	☐	250.000	245.794	16945810.27	0.8907	A	0.6
4	☐	625.000	608.733	41723340.56	2.2058	A	1.5
5	☐	1250.000	1220.647	82455985.02	4.4230	A	2.3
6	☐	2500.000	2472.744	166495305.57	8.9599	A	1.6
7	☐	5000.000	5023.210	334554482.23	18.2014	A	0.2
8	☐			49980.98	0.0033	P	16.1

y = 0.0036 * x + 1.0998E-004
R = 1.0000
DL = 0.001442
BEC = 0.03035

Weight: <None>
Min Conc: 0

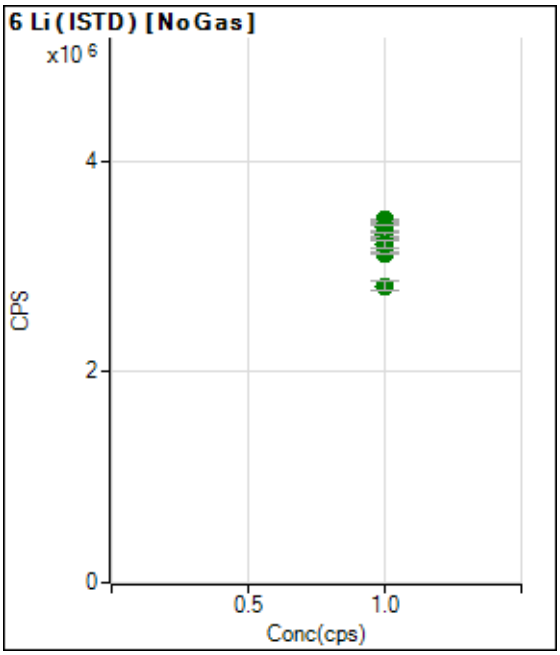


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	9.6
2	☐	1.000	0.935	58006.67	0.0032	P	0.7
3	☐	50.000	48.006	3158472.28	0.1660	A	1.0
4	☐	125.000	119.204	7797733.91	0.4122	A	0.7
5	☐	250.000	240.842	15526526.57	0.8329	A	3.2
6	☐	500.000	487.260	31313556.48	1.6850	A	1.0
7	☐	1000.000	1009.484	64164415.71	3.4910	A	0.5
8	☐			2543.71	0.0002	P	74.0

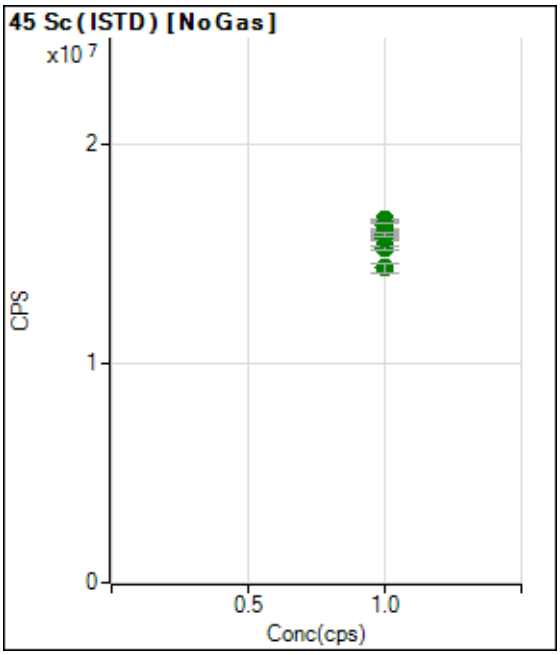
y = 0.0035 * x + 2.2259E-006
R = 0.9998
DL = 0.0001857
BEC = 0.0006437

Weight: <None>
Min Conc: 0

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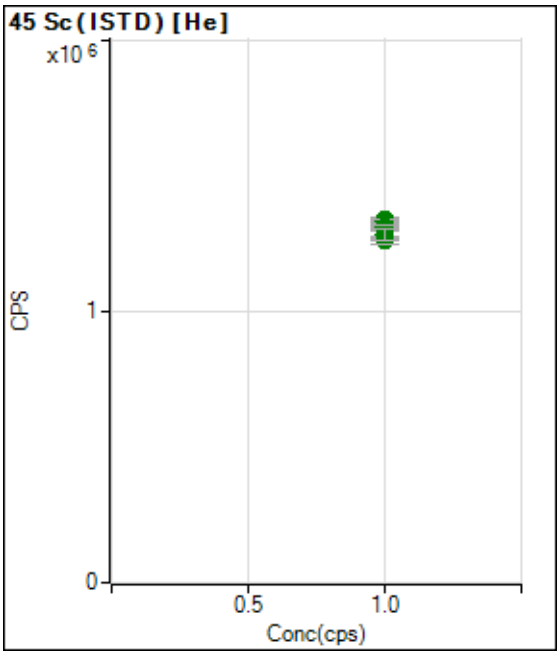


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3123419.66		A	1.0
2	☐	1.000		3253167.29		A	0.5
3	☐	1.000		3438321.08		A	0.3
4	☐	1.000		3422058.96		A	0.7
5	☐	1.000		3365909.54		A	1.4
6	☐	1.000		3296780.80		A	1.4
7	☐	1.000		3208586.96		A	1.8
8	☐	1.000		2811303.19		A	3.3

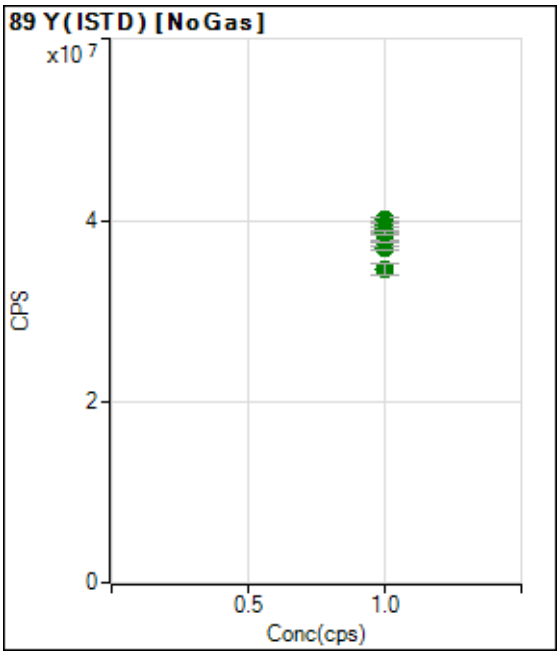


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15244830.74		A	0.8
2	☐	1.000		15638927.82		A	0.7
3	☐	1.000		16526326.84		A	0.3
4	☐	1.000		16258070.73		A	1.7
5	☐	1.000		15979682.81		A	0.9
6	☐	1.000		15714813.52		A	2.1
7	☐	1.000		15834026.01		A	1.3
8	☐	1.000		14322275.20		A	3.1

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

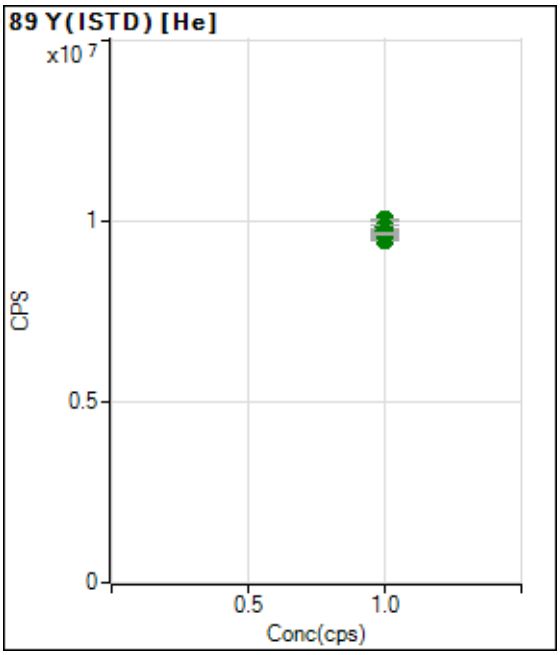


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1260108.58		A	1.4
2	☐	1.000		1307461.16		A	1.1
3	☐	1.000		1338755.00		A	1.1
4	☐	1.000		1334146.92		A	1.3
5	☐	1.000		1287639.85		A	1.2
6	☐	1.000		1311918.03		A	1.2
7	☐	1.000		1311883.52		A	0.8
8	☐	1.000		1286028.37		A	3.2

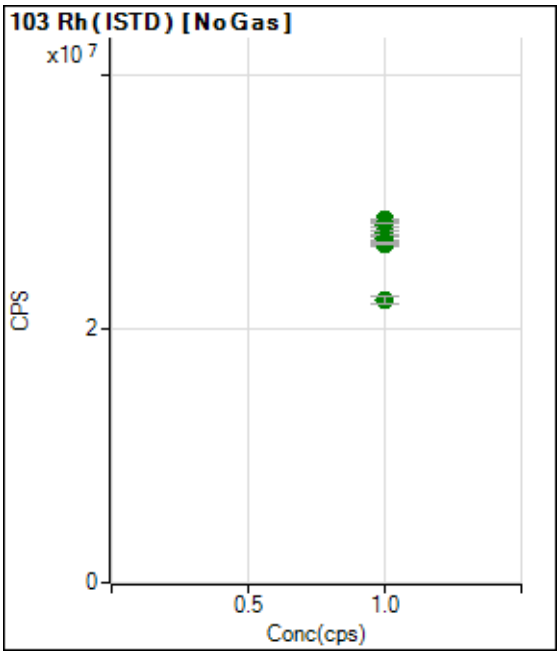


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		36965475.00		A	1.4
2	☐	1.000		37734206.94		A	0.8
3	☐	1.000		40045871.90		A	1.2
4	☐	1.000		39503054.97		A	0.9
5	☐	1.000		39043067.48		A	0.9
6	☐	1.000		39021314.70		A	1.7
7	☐	1.000		38600504.70		A	0.9
8	☐	1.000		34599830.88		A	3.5

Reviewed By:mohan
On:11/14/2024
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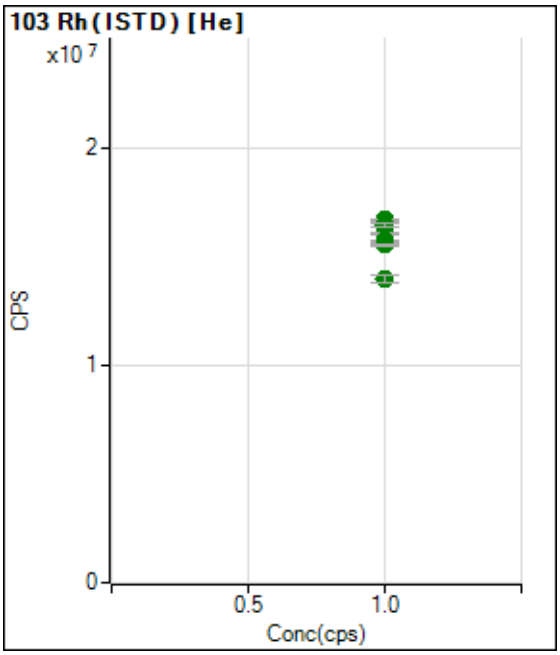


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1	☐	1.000		9472608.40		A	0.4
2	☐	1.000		9631194.30		A	1.2
3	☐	1.000		10002282.15		A	0.5
4	☐	1.000		10019323.11		A	0.7
5	☐	1.000		9731261.45		A	0.4
6	☐	1.000		9708699.44		A	1.0
7	☐	1.000		9829866.80		A	0.9
8	☐	1.000		9652321.66		A	0.4

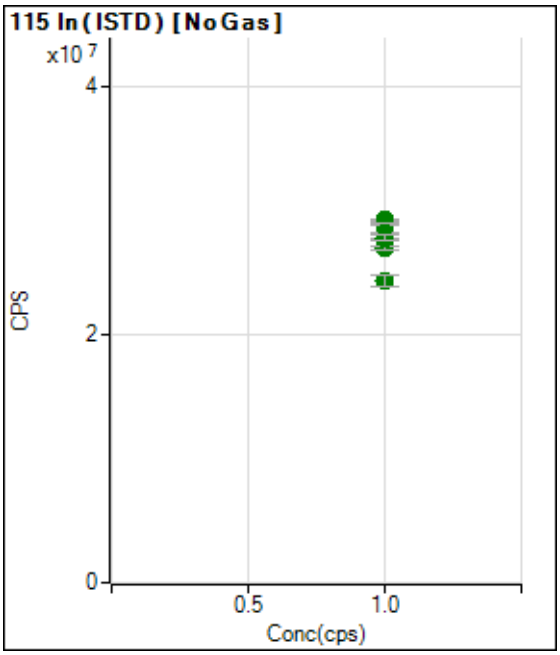


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1	☐	1.000		26614232.38		A	0.4
2	☐	1.000		27293867.65		A	0.3
3	☐	1.000		28573359.85		A	0.5
4	☐	1.000		28143792.92		A	1.0
5	☐	1.000		27495148.48		A	1.1
6	☐	1.000		27129137.10		A	1.7
7	☐	1.000		26737170.71		A	0.6
8	☐	1.000		22247323.28		A	3.0

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

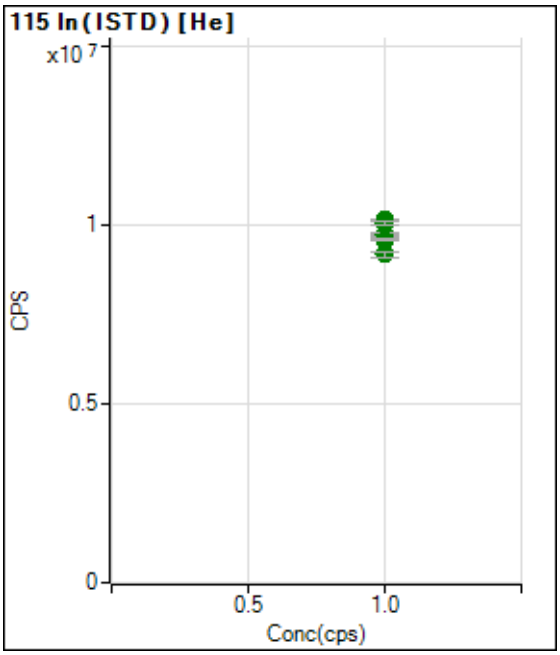


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1	☐	1.000		15691978.65		A	0.1
2	☐	1.000		16074476.98		A	0.4
3	☐	1.000		16730572.53		A	0.7
4	☐	1.000		16485480.59		A	0.8
5	☐	1.000		15745590.46		A	0.3
6	☐	1.000		15765550.74		A	0.8
7	☐	1.000		15594627.27		A	0.5
8	☐	1.000		14011518.82		A	2.4

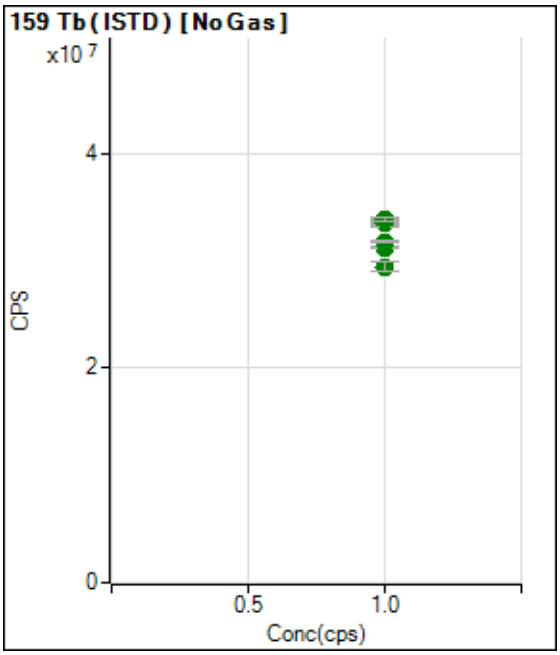


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2	☐	1.000		27716028.16		A	0.4
3	☐	1.000		29230635.45		A	0.6
4	☐	1.000		28922472.19		A	0.6
5	☐	1.000		28163417.15		A	0.6
6	☐	1.000		28199489.89		A	0.5
7	☐	1.000		27775121.30		A	1.9
8	☐	1.000		24322109.44		A	3.6

Reviewed By:mohan
On:11/14/2024
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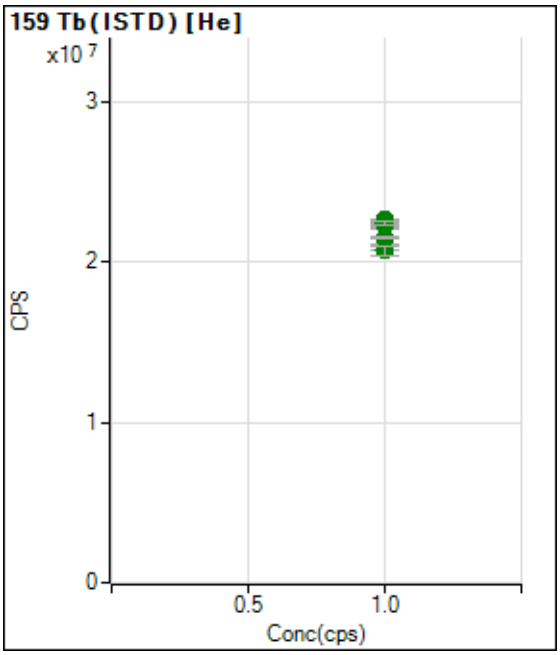


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2	☐	1.000		9732151.42		A	0.4
3	☐	1.000		10127065.69		A	0.8
4	☐	1.000		10046745.29		A	1.0
5	☐	1.000		9669196.39		A	0.4
6	☐	1.000		9719947.05		A	0.7
7	☐	1.000		9581194.91		A	0.1
8	☐	1.000		9152257.63		A	2.2

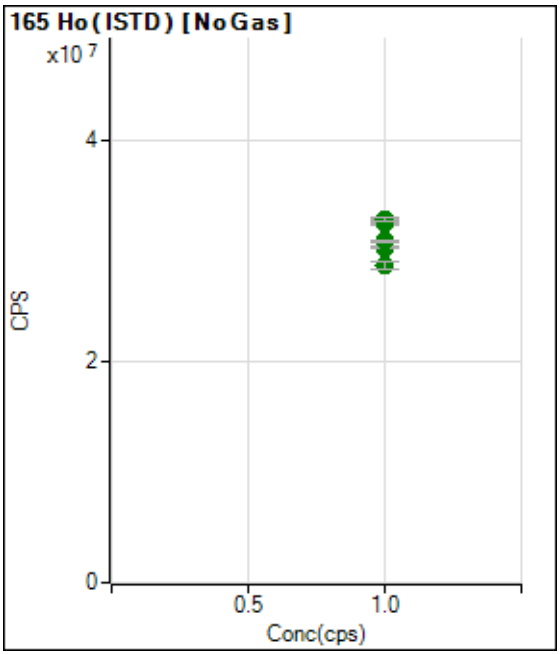


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2	☐	1.000		31793303.69		A	0.4
3	☐	1.000		33674997.27		A	1.2
4	☐	1.000		33621343.94		A	0.7
5	☐	1.000		33459781.17		A	1.1
6	☐	1.000		33533167.56		A	1.9
7	☐	1.000		33827696.72		A	0.9
8	☐	1.000		29442203.73		A	3.0

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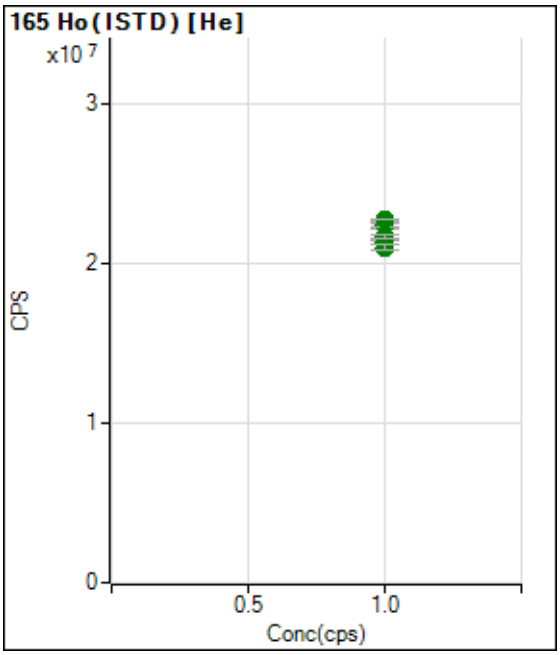


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20957015.38		A	1.3
2	☐	1.000		21529526.07		A	0.8
3	☐	1.000		22387347.16		A	0.4
4	☐	1.000		22654763.00		A	0.7
5	☐	1.000		22276644.39		A	1.7
6	☐	1.000		22355701.89		A	1.2
7	☐	1.000		22477183.00		A	0.8
8	☐	1.000		20760001.36		A	2.9

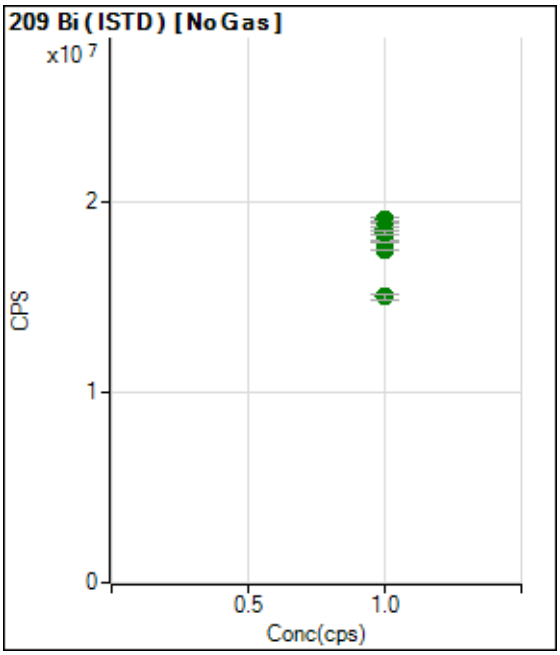


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2	☐	1.000		30882090.65		A	0.8
3	☐	1.000		32608416.46		A	0.6
4	☐	1.000		32765565.62		A	0.9
5	☐	1.000		32413060.35		A	0.6
6	☐	1.000		32626005.35		A	0.8
7	☐	1.000		32784660.07		A	1.0
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Reviewed By:mohan
On:11/14/2024
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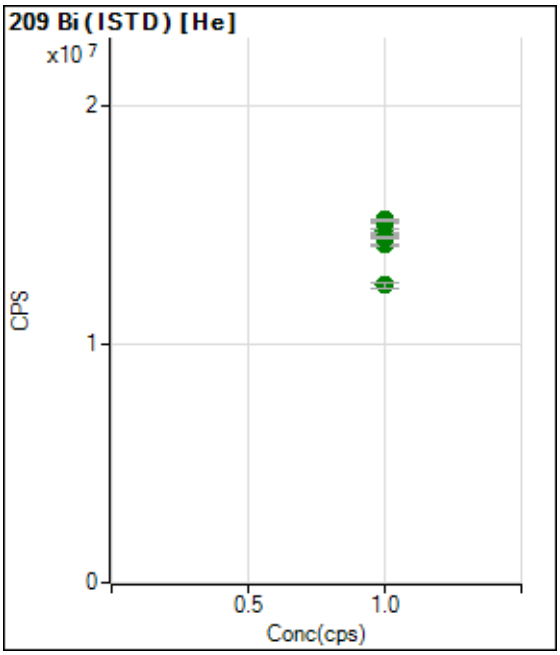


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21347535.10		A	0.9
2	☐	1.000		21712941.06		A	0.8
3	☐	1.000		22607593.00		A	0.9
4	☐	1.000		22645833.00		A	1.2
5	☐	1.000		22436381.61		A	1.9
6	☐	1.000		22444878.00		A	0.8
7	☐	1.000		22764932.44		A	0.1
8	☐	1.000		21045227.88		A	2.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17468878.07		A	0.3
2	☐	1.000		17935524.73		A	0.7
3	☐	1.000		19025400.41		A	0.9
4	☐	1.000		18916366.39		A	0.6
5	☐	1.000		18643174.31		A	0.4
6	☐	1.000		18584623.19		A	1.2
7	☐	1.000		18380492.23		A	1.0
8	☐	1.000		14984167.97		A	2.2

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On:11/14/2024
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14145111.32		A	0.4
2	☐	1.000		14508392.01		A	0.4
3	☐	1.000		15126168.25		A	0.4
4	☐	1.000		15197622.97		A	0.8
5	☐	1.000		14762499.36		A	1.1
6	☐	1.000		14612313.12		A	0.4
7	☐	1.000		14432046.31		A	0.7
8	☐	1.000		12456675.51		A	1.7

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7
ClientSampleId
:TUNE001

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7111224MS2.b
Acq. Date-Time	2024-11-12 11:12:07
Report Comment	---
Instrument Name	G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		31752	317516.46			0.333	5.000
24		182970	1829697.80			0.687	5.000
25		22673	226727.77			0.388	5.000
26		26445	264453.92			0.332	5.000
59		232234	2322335.39			0.661	5.000
113		29458	294575.69			0.508	5.000
115		365116	3651159.01			0.470	5.000
206		68865	688653.59			0.589	5.000
207		58360	583598.25			0.575	5.000
208		142425	1424248.12			1.535	5.000
220		0	3.80			57.805	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

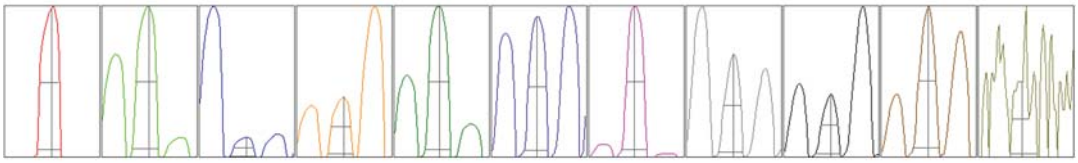
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	31902	31800	31620	31729	31708
24	181485	182203	182752	183742	184668
25	22561	22645	22680	22806	22671
26	26299	26480	26446	26532	26470
59	234189	230884	233481	231812	230802
113	29701	29447	29467	29356	29317
115	366409	365900	365775	365380	362115
206	69434	69042	68889	68536	68426
207	58882	58460	58309	58038	58111
208	145488	143196	142786	140010	140644

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	1	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	52751.71	9.00	8.90 - 9.10	
24	295935.52	24.00	23.90 - 24.10	
25	37957.15	25.00	24.90 - 25.10	
26	44407.88	26.00	25.90 - 26.10	
59	379261.51	58.95	58.90 - 59.10	
113	53727.11	112.95	112.90 - 113.10	
115	664795.27	114.95	114.90 - 115.10	
206	132006.70	206.00	205.90 - 206.10	
207	114054.15	207.00	206.90 - 207.10	
208	271084.13	208.00	207.90 - 208.10	
220	0.40	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.741	0.900	
24	0.65	0.823	0.900	
25	0.63	0.786	0.900	
26	0.62	0.788	0.900	
59	0.64	0.801	0.900	
113	0.57	0.742	0.900	
115	0.55	0.799	0.900	
206	0.54	0.771	0.900	
207	0.52	0.775	0.900	
208	0.54	0.813	0.900	
220	0.55	0.842		

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.9
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.7 V	Deflect	15.2 V
Extract 2	-155.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.5 mm		

EM

Discriminator	4.6 mV	Analog HV	2206 V	Pulse HV	955 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		74724	747235.30			0.412	
89		114763	1147630.29			0.834	
205		75337	753372.39			0.512	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	75156	74821	74766	74346	74528
89	115825	114190	114539	115661	113600
205	75357	75657	75775	74939	74958

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.6 V	Deflect	3.6 V

US EPA Tune Check Report

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7
ClientSampleId
:TUNE001

Extract 2	-170.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-80 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.5 mm		

EM

Discriminator	4.6 mV	Analog HV	2206 V	Pulse HV	955 V

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:38:37	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.05	-0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	0.44	-0.07	-0.37	0.00	N/A	ppb
Cadmium	111-1	0.03	0.00	-0.03	0.00	N/A	ppb
Calcium	43-1	-0.47	-0.59	1.05	0.00	N/A	ppb
Calcium	44-1	0.00	0.37	-0.37	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.01	0.02	-0.02	0.00	N/A	ppb
Iron	57-2	-0.19	0.34	-0.14	0.00	N/A	ppb
Iron	54-2	-0.19	0.35	-0.16	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:38:37	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.04	-0.05	0.01	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-16.07	-15.69	-15.25	-15.67		ppb
Potassium	39-2	0.15	2.21	-2.36	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.33	0.06	0.27	0.00	N/A	ppb
Selenium	77-2	-0.03	-0.03	0.06	0.00	N/A	ppb
Selenium	78-2	-0.31	-0.03	0.34	0.00	N/A	ppb
Silicon	28-1	-0.24	0.79	-0.54	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.29	0.35	-0.06	0.00	N/A	ppb
Strontium	86-1	-0.08	-0.02	0.10	0.00	N/A	ppb
Strontium	88-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-8.67	23.39	-3.40	3.77	455.61	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:38:37	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	0.02	-0.02	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:45:09	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.89	19.55	19.63	19.36	2.11	ppb
Antimony	121-1	2.02	2.03	2.07	2.04	1.28	ppb
Arsenic	75-2	1.07	1.05	1.09	1.07	2.07	ppb
Barium	135-1	9.79	10.04	10.26	10.03	2.34	ppb
Barium	137-1	10.04	10.20	10.15	10.13	0.84	ppb
Beryllium	9-1	0.88	0.91	1.02	0.94	8.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.09	1.10	0.97	1.05	6.84	ppb
Cadmium	106-1	0.90	0.55	1.15	0.87	34.78	ppb
Cadmium	111-1	1.02	1.02	1.14	1.06	6.58	ppb
Calcium	43-1	507.15	529.76	538.50	525.14	3.08	ppb
Calcium	44-1	506.20	522.65	525.20	518.02	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.08	2.05	2.05	1.70	ppb
Cobalt	59-2	1.07	1.06	1.10	1.08	2.21	ppb
Copper	63-2	1.95	2.00	2.00	1.98	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	54.43	54.30	54.92	54.55	0.59	ppb
Iron	57-2	55.43	54.23	57.63	55.76	3.10	ppb
Iron	54-2	55.77	53.95	56.45	55.39	2.33	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:45:09	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.98	0.97	0.97	0.98	0.64	ppb
Lead	207-1	0.99	0.98	0.98	0.98	0.71	ppb
Lead	208-1	0.98	0.99	0.98	0.98	0.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	525.84	523.81	526.74	525.46	0.29	ppb
Manganese	55-2	0.96	1.00	0.97	0.98	1.84	ppb
Molybdenum	94-1	5.66	5.60	5.82	5.69	2.08	ppb
Molybdenum	95-1	4.82	4.85	4.89	4.85	0.64	ppb
Molybdenum	96-1	4.81	4.79	4.95	4.85	1.75	ppb
Molybdenum	97-1	4.79	4.89	4.81	4.83	1.03	ppb
Molybdenum	98-1	4.78	4.92	4.84	4.85	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.05	1.04	1.04	1.00	ppb
Phosphorus	31-2	14.67	17.92	14.43	15.67	12.45	ppb
Potassium	39-2	518.47	512.48	528.01	519.65	1.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	5.25	5.69	5.38	5.44	4.18	ppb
Selenium	77-2	5.64	4.96	3.99	4.86	17.05	ppb
Selenium	78-2	5.18	4.69	4.75	4.88	5.47	ppb
Silicon	28-1	0.10	-0.22	-0.52	-0.21		ppb
Silver	107-1	1.00	1.05	1.07	1.04	3.08	ppb
Silver	109-1	1.03	1.07	1.08	1.06	2.41	ppb
Sodium	23-2	476.14	471.72	483.87	477.24	1.29	ppb
Strontium	86-1	24.12	25.50	24.41	24.68	2.96	ppb
Strontium	88-1	24.82	24.69	24.92	24.81	0.48	ppb
Sulfur	34-1	-51.06	35.27	4.47	-3.77		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.96	0.96	0.97	0.96	0.80	ppb
Thallium	205-1	0.97	0.96	0.97	0.97	0.75	ppb
Tin	118-1	5.03	5.17	5.19	5.13	1.70	ppb
Titanium	47-1	4.70	4.90	5.01	4.87	3.22	ppb

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:45:09	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.93	0.94	0.93	0.67	ppb
Vanadium	51-2	4.94	4.90	5.01	4.95	1.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5.15	4.81	5.14	5.03	3.82	ppb
Zirconium	90-1	0.96	0.97	1.00	0.98	2.06	ppb
Zirconium	91-1	0.97	0.98	1.02	0.99	2.32	ppb

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:48:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1037.28	1032.23	1054.86	1041.46	1.14	ppb
Antimony	121-1	49.99	51.23	51.02	50.75	1.31	ppb
Arsenic	75-2	51.99	51.40	51.08	51.49	0.90	ppb
Barium	135-1	247.12	256.29	253.33	252.25	1.86	ppb
Barium	137-1	252.65	255.28	252.91	253.61	0.57	ppb
Beryllium	9-1	47.82	49.09	48.67	48.53	1.34	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	52.05	55.89	53.13	53.69	3.68	ppb
Cadmium	106-1	53.79	56.12	53.39	54.43	2.71	ppb
Cadmium	111-1	53.29	54.29	53.28	53.62	1.08	ppb
Calcium	43-1	5246.33	5268.95	5286.51	5267.26	0.38	ppb
Calcium	44-1	5024.44	5087.54	5103.43	5071.80	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.28	50.29	51.31	50.63	1.17	ppb
Cobalt	59-2	51.38	51.30	52.09	51.59	0.84	ppb
Copper	63-2	525.14	526.27	532.90	528.10	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	2725.78	2668.03	2720.18	2704.66	1.18	ppb
Iron	57-2	2741.52	2751.33	2779.17	2757.34	0.71	ppb
Iron	54-2	2705.97	2744.12	2702.22	2717.44	0.85	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:48:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	242.14	246.29	246.89	245.11	1.06	ppb
Lead	207-1	246.47	248.77	247.73	247.66	0.47	ppb
Lead	208-1	244.07	246.65	246.67	245.79	0.61	ppb
Lithium	6-1				110		%
Magnesium	24-2	5445.36	5487.06	5526.96	5486.46	0.74	ppb
Manganese	55-2	514.42	503.02	520.00	512.48	1.69	ppb
Molybdenum	94-1	486.71	505.55	497.13	496.46	1.90	ppb
Molybdenum	95-1	484.96	498.68	495.94	493.19	1.47	ppb
Molybdenum	96-1	484.10	501.54	491.61	492.42	1.78	ppb
Molybdenum	97-1	485.45	503.44	494.41	494.43	1.82	ppb
Molybdenum	98-1	481.92	501.02	496.98	493.31	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.85	52.17	52.83	52.28	0.96	ppb
Phosphorus	31-2	1004.38	1013.56	1033.12	1017.02	1.44	ppb
Potassium	39-2	2587.23	2570.87	2656.78	2604.96	1.75	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	51.12	52.35	51.96	51.81	1.21	ppb
Selenium	77-2	55.94	52.58	52.20	53.57	3.84	ppb
Selenium	78-2	51.65	51.72	53.44	52.27	1.94	ppb
Silicon	28-1	46.80	46.24	46.04	46.36	0.85	ppb
Silver	107-1	52.39	54.22	52.94	53.18	1.77	ppb
Silver	109-1	54.30	54.89	54.10	54.43	0.76	ppb
Sodium	23-2	5099.86	5133.83	5210.70	5148.13	1.10	ppb
Strontium	86-1	1208.08	1247.75	1224.17	1226.67	1.63	ppb
Strontium	88-1	1227.67	1278.70	1259.69	1255.35	2.05	ppb
Sulfur	34-1	800.82	822.78	796.06	806.55	1.77	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	48.65	49.56	49.40	49.21	0.99	ppb
Thallium	205-1	47.62	49.18	49.76	48.85	2.27	ppb
Tin	118-1	50.35	51.70	51.31	51.12	1.36	ppb
Titanium	47-1	495.14	494.21	506.14	498.50	1.33	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:48:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.68	47.76	48.58	48.01	1.03	ppb
Vanadium	51-2	49.59	49.41	49.81	49.60	0.40	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	524.79	521.32	535.32	527.14	1.38	ppb
Zirconium	90-1	48.89	50.01	49.63	49.51	1.15	ppb
Zirconium	91-1	47.88	49.62	49.41	48.97	1.94	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:51:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2536.86	2531.99	2524.76	2531.20	0.24	ppb
Antimony	121-1	125.23	125.53	127.23	125.99	0.85	ppb
Arsenic	75-2	125.95	126.49	124.80	125.75	0.69	ppb
Barium	135-1	620.70	626.81	630.90	626.14	0.82	ppb
Barium	137-1	613.19	620.31	625.48	619.66	1.00	ppb
Beryllium	9-1	116.22	118.76	119.69	118.22	1.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	129.22	132.22	132.87	131.44	1.48	ppb
Cadmium	106-1	129.74	131.63	132.74	131.37	1.15	ppb
Cadmium	111-1	129.16	130.97	131.31	130.48	0.89	ppb
Calcium	43-1	12586.04	13065.48	13055.44	12902.32	2.12	ppb
Calcium	44-1	12242.66	12642.80	12549.57	12478.34	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.97	125.18	121.05	123.40	1.72	ppb
Cobalt	59-2	127.18	131.51	125.17	127.96	2.53	ppb
Copper	63-2	1279.12	1321.17	1266.14	1288.81	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	6578.31	6670.09	6499.62	6582.67	1.30	ppb
Iron	57-2	6538.57	6707.73	6489.49	6578.60	1.74	ppb
Iron	54-2	6609.64	6700.05	6524.22	6611.30	1.33	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:51:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	602.35	609.08	618.00	609.81	1.29	ppb
Lead	207-1	598.11	609.83	618.22	608.72	1.66	ppb
Lead	208-1	598.59	612.07	615.54	608.73	1.47	ppb
Lithium	6-1				110		%
Magnesium	24-2	13438.02	13543.92	13356.22	13446.05	0.70	ppb
Manganese	55-2	1253.03	1266.18	1224.60	1247.94	1.70	ppb
Molybdenum	94-1	1213.49	1234.96	1237.16	1228.54	1.06	ppb
Molybdenum	95-1	1215.79	1243.18	1247.89	1235.62	1.40	ppb
Molybdenum	96-1	1215.82	1222.86	1243.35	1227.34	1.17	ppb
Molybdenum	97-1	1215.41	1225.33	1236.62	1225.79	0.87	ppb
Molybdenum	98-1	1212.42	1222.39	1230.80	1221.87	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.68	128.96	125.03	127.23	1.58	ppb
Phosphorus	31-2	2535.78	2554.95	2478.59	2523.11	1.57	ppb
Potassium	39-2	6295.57	6349.86	6190.03	6278.49	1.29	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	125.97	129.97	130.58	128.84	1.95	ppb
Selenium	77-2	124.21	127.00	130.59	127.27	2.52	ppb
Selenium	78-2	127.50	125.85	128.13	127.16	0.93	ppb
Silicon	28-1	118.13	126.25	123.67	122.68	3.38	ppb
Silver	107-1	129.19	129.45	131.45	130.03	0.95	ppb
Silver	109-1	130.24	132.87	134.35	132.49	1.57	ppb
Sodium	23-2	12515.62	12651.15	12425.51	12530.76	0.91	ppb
Strontium	86-1	2972.84	3032.37	3059.39	3021.53	1.47	ppb
Strontium	88-1	3013.82	3097.29	3110.37	3073.83	1.70	ppb
Sulfur	34-1	2134.22	2314.83	2338.78	2262.61	4.94	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	122.17	123.76	121.88	122.60	0.83	ppb
Thallium	205-1	119.59	123.26	122.67	121.84	1.62	ppb
Tin	118-1	123.77	127.60	127.47	126.28	1.72	ppb
Titanium	47-1	1216.36	1238.57	1230.64	1228.53	0.92	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:51:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	118.28	119.66	119.67	119.20	0.67	ppb
Vanadium	51-2	120.88	122.52	118.93	120.78	1.49	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	1289.86	1332.65	1257.86	1293.46	2.90	ppb
Zirconium	90-1	119.25	124.65	123.80	122.57	2.37	ppb
Zirconium	91-1	119.02	121.64	122.74	121.13	1.58	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:54:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5124.99	5091.36	5085.95	5100.77	0.41	ppb
Antimony	121-1	240.31	253.98	254.01	249.43	3.17	ppb
Arsenic	75-2	254.71	254.13	251.59	253.48	0.66	ppb
Barium	135-1	1220.25	1264.75	1272.86	1252.62	2.26	ppb
Barium	137-1	1228.86	1266.23	1269.24	1254.78	1.79	ppb
Beryllium	9-1	231.48	240.01	234.05	235.18	1.86	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	249.62	260.22	263.50	257.78	2.81	ppb
Cadmium	106-1	251.11	259.88	260.98	257.32	2.10	ppb
Cadmium	111-1	249.03	261.55	258.87	256.48	2.57	ppb
Calcium	43-1	24421.83	25269.46	25630.42	25107.24	2.47	ppb
Calcium	44-1	24322.87	25500.35	25216.30	25013.17	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	256.01	254.05	251.83	253.97	0.82	ppb
Cobalt	59-2	259.16	262.23	252.13	257.84	2.01	ppb
Copper	63-2	2645.01	2590.92	2548.87	2594.93	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	13496.69	13406.80	13178.14	13360.54	1.23	ppb
Iron	57-2	13704.14	13491.51	13016.38	13404.01	2.63	ppb
Iron	54-2	13567.73	13332.86	13207.59	13369.39	1.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:54:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1183.22	1251.30	1236.19	1223.57	2.92	ppb
Lead	207-1	1194.04	1238.04	1222.98	1218.36	1.84	ppb
Lead	208-1	1189.00	1240.40	1232.54	1220.65	2.27	ppb
Lithium	6-1				108		%
Magnesium	24-2	28098.96	27433.29	27501.79	27678.01	1.32	ppb
Manganese	55-2	2584.08	2525.88	2483.79	2531.25	1.99	ppb
Molybdenum	94-1	2385.43	2472.03	2490.23	2449.23	2.29	ppb
Molybdenum	95-1	2392.91	2471.47	2492.65	2452.34	2.14	ppb
Molybdenum	96-1	2397.77	2468.82	2481.47	2449.35	1.84	ppb
Molybdenum	97-1	2415.31	2459.58	2491.10	2455.33	1.55	ppb
Molybdenum	98-1	2419.55	2458.24	2497.30	2458.36	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.79	255.88	251.15	255.94	1.88	ppb
Phosphorus	31-2	5301.65	5200.93	5033.78	5178.79	2.61	ppb
Potassium	39-2	13252.06	12923.94	12728.28	12968.10	2.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	251.70	256.01	257.73	255.15	1.22	ppb
Selenium	77-2	249.35	262.45	254.17	255.32	2.60	ppb
Selenium	78-2	263.03	263.47	261.99	262.83	0.29	ppb
Silicon	28-1	246.32	252.61	253.70	250.88	1.59	ppb
Silver	107-1	252.79	258.60	260.13	257.17	1.51	ppb
Silver	109-1	251.46	261.70	261.44	258.20	2.26	ppb
Sodium	23-2	26033.27	26001.77	25543.53	25859.52	1.06	ppb
Strontium	86-1	5977.27	6183.36	6192.78	6117.80	1.99	ppb
Strontium	88-1	5989.36	6101.83	6215.42	6102.21	1.85	ppb
Sulfur	34-1	4435.42	4584.46	4602.56	4540.81	2.02	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	242.88	251.59	248.43	247.63	1.78	ppb
Thallium	205-1	237.28	251.59	244.21	244.36	2.93	ppb
Tin	118-1	242.16	253.00	255.53	250.23	2.84	ppb
Titanium	47-1	2413.67	2516.05	2497.43	2475.72	2.20	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:54:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	232.99	248.27	241.27	240.84	3.18	ppb
Vanadium	51-2	253.00	249.89	244.89	249.26	1.64	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	2653.26	2570.55	2555.48	2593.10	2.03	ppb
Zirconium	90-1	241.51	249.27	250.16	246.98	1.93	ppb
Zirconium	91-1	239.17	250.68	250.81	246.88	2.71	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:56:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9819.60	10310.99	9967.66	10032.75	2.51	ppb
Antimony	121-1	488.49	511.83	501.12	500.48	2.33	ppb
Arsenic	75-2	499.15	499.98	507.33	502.15	0.90	ppb
Barium	135-1	2429.18	2567.77	2487.76	2494.90	2.79	ppb
Barium	137-1	2414.75	2545.74	2473.93	2478.14	2.65	ppb
Beryllium	9-1	487.11	502.77	506.38	498.75	2.05	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	491.88	520.65	503.13	505.22	2.87	ppb
Cadmium	106-1	494.35	518.41	506.50	506.42	2.38	ppb
Cadmium	111-1	487.86	517.90	509.28	505.01	3.06	ppb
Calcium	43-1	49826.84	51689.97	50807.03	50774.61	1.84	ppb
Calcium	44-1	49112.35	51254.86	50129.13	50165.44	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.76	505.53	493.54	497.94	1.32	ppb
Cobalt	59-2	488.53	500.69	500.34	496.52	1.39	ppb
Copper	63-2	4982.57	5089.65	4966.16	5012.79	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	25684.76	26374.73	25687.80	25915.76	1.53	ppb
Iron	57-2	25638.74	26063.86	25832.68	25845.09	0.82	ppb
Iron	54-2	25910.36	26649.57	25574.56	26044.83	2.11	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:56:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2422.65	2541.75	2492.24	2485.54	2.41	ppb
Lead	207-1	2423.31	2519.05	2494.45	2478.94	2.01	ppb
Lead	208-1	2430.15	2508.27	2479.81	2472.74	1.60	ppb
Lithium	6-1				106		%
Magnesium	24-2	52598.28	54330.28	53809.59	53579.39	1.66	ppb
Manganese	55-2	4911.43	5021.45	4898.54	4943.81	1.37	ppb
Molybdenum	94-1	4751.52	4944.72	4967.20	4887.81	2.43	ppb
Molybdenum	95-1	4736.03	4939.54	4942.01	4872.53	2.43	ppb
Molybdenum	96-1	4744.80	4948.73	4916.35	4869.96	2.25	ppb
Molybdenum	97-1	4750.14	4989.20	4932.05	4890.46	2.55	ppb
Molybdenum	98-1	4758.06	4997.28	4926.30	4893.88	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.52	499.66	490.63	498.60	1.50	ppb
Phosphorus	31-2	9932.91	10202.47	9887.44	10007.61	1.70	ppb
Potassium	39-2	24962.04	25378.19	25075.23	25138.49	0.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	488.31	509.72	507.33	501.78	2.34	ppb
Selenium	77-2	505.04	515.14	520.92	513.70	1.57	ppb
Selenium	78-2	500.47	502.99	507.54	503.67	0.71	ppb
Silicon	28-1	480.42	510.52	500.69	497.21	3.09	ppb
Silver	107-1	492.29	516.65	501.20	503.38	2.45	ppb
Silver	109-1	493.18	522.67	504.27	506.71	2.94	ppb
Sodium	23-2	49202.71	51286.48	50624.65	50371.28	2.11	ppb
Strontium	86-1	11860.00	12264.65	12290.82	12138.49	1.99	ppb
Strontium	88-1	12019.59	12419.97	12391.70	12277.09	1.82	ppb
Sulfur	34-1	10338.28	10850.65	10389.33	10526.09	2.68	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	488.10	498.70	490.02	492.27	1.15	ppb
Thallium	205-1	484.66	504.54	488.31	492.50	2.15	ppb
Tin	118-1	489.89	512.58	494.32	498.93	2.41	ppb
Titanium	47-1	4867.75	5075.92	4960.04	4967.90	2.10	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:56:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	482.36	491.82	487.59	487.26	0.97	ppb
Vanadium	51-2	494.65	503.30	492.56	496.84	1.15	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	5008.26	5123.18	4995.63	5042.36	1.39	ppb
Zirconium	90-1	482.01	500.94	498.85	493.93	2.10	ppb
Zirconium	91-1	481.57	496.88	501.52	493.32	2.12	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:59:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20453.34	20151.18	19952.60	20185.71	1.25	ppb
Antimony	121-1	994.64	1017.50	987.08	999.74	1.58	ppb
Arsenic	75-2	995.75	992.97	1004.93	997.89	0.63	ppb
Barium	135-1	4998.33	5046.17	4960.42	5001.64	0.86	ppb
Barium	137-1	4964.56	5060.99	5005.11	5010.22	0.97	ppb
Beryllium	9-1	987.85	995.57	1032.32	1005.25	2.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	996.67	1007.59	979.10	994.45	1.45	ppb
Cadmium	106-1	1002.36	1003.17	976.29	993.94	1.54	ppb
Cadmium	111-1	990.15	1008.54	986.33	995.01	1.19	ppb
Calcium	43-1	99398.96	102239.79	101346.56	100995.11	1.44	ppb
Calcium	44-1	99010.94	101628.58	101352.22	100663.91	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	996.00	991.00	1013.62	1000.21	1.19	ppb
Cobalt	59-2	1005.08	994.85	998.07	999.33	0.52	ppb
Copper	63-2	10108.54	9936.44	9845.86	9963.61	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	53113.01	52609.11	52129.81	52617.31	0.93	ppb
Iron	57-2	52404.47	51746.93	50981.45	51710.95	1.38	ppb
Iron	54-2	52896.60	52314.70	52115.50	52442.26	0.77	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:59:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5025.42	5007.21	5015.31	5015.98	0.18	ppb
Lead	207-1	5009.52	5030.42	5021.84	5020.59	0.21	ppb
Lead	208-1	5018.31	5036.53	5014.79	5023.21	0.23	ppb
Lithium	6-1				103		%
Magnesium	24-2	109575.36	108059.23	108836.76	108823.78	0.70	ppb
Manganese	55-2	10007.15	10083.05	9969.56	10019.92	0.58	ppb
Molybdenum	94-1	9902.19	10186.63	10126.12	10071.65	1.49	ppb
Molybdenum	95-1	9939.69	10262.19	10031.49	10077.79	1.65	ppb
Molybdenum	96-1	9917.99	10265.56	10059.13	10080.89	1.73	ppb
Molybdenum	97-1	9877.94	10191.72	10138.06	10069.24	1.67	ppb
Molybdenum	98-1	9907.11	10168.44	10126.41	10067.32	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.86	991.33	999.27	998.82	0.73	ppb
Phosphorus	31-2	20052.63	20002.42	19788.22	19947.76	0.70	ppb
Potassium	39-2	50676.95	50649.79	50247.45	50524.73	0.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	982.88	1007.38	1001.48	997.25	1.28	ppb
Selenium	77-2	990.11	994.84	989.13	991.36	0.31	ppb
Selenium	78-2	987.97	992.00	1003.76	994.58	0.82	ppb
Silicon	28-1	1005.62	1002.96	996.67	1001.75	0.46	ppb
Silver	107-1	1006.06	1012.42	968.71	995.73	2.37	ppb
Silver	109-1	997.06	995.41	987.84	993.44	0.49	ppb
Sodium	23-2	101940.40	102054.89	99881.51	101292.27	1.21	ppb
Strontium	86-1	24614.91	25298.48	25770.32	25227.90	2.30	ppb
Strontium	88-1	24812.76	25128.63	25522.20	25154.53	1.41	ppb
Sulfur	34-1	19567.69	19919.38	20186.23	19891.10	1.56	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	1012.98	997.00	1004.41	1004.79	0.80	ppb
Thallium	205-1	1010.78	1000.75	1005.31	1005.61	0.50	ppb
Tin	118-1	1004.70	1010.08	986.00	1000.26	1.26	ppb
Titanium	47-1	9912.55	9942.34	10219.75	10024.88	1.69	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:59:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1014.97	1004.32	1009.16	1009.48	0.53	ppb
Vanadium	51-2	1004.63	991.51	1010.81	1002.31	0.98	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	10063.26	9966.37	9816.64	9948.76	1.25	ppb
Zirconium	90-1	987.80	1007.73	1016.83	1004.12	1.48	ppb
Zirconium	91-1	991.15	1010.61	1012.19	1004.65	1.17	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:02:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100518.17	96884.06	102457.82	99953.35	2.83	ppb
Antimony	121-1	0.69	0.79	1.00	0.82	19.00	ppb
Arsenic	75-2	0.48	0.52	0.53	0.51	5.35	ppb
Barium	135-1	2.33	2.01	1.96	2.10	9.58	ppb
Barium	137-1	2.26	1.95	1.89	2.04	9.74	ppb
Beryllium	9-1	0.20	0.14	0.09	0.14	41.35	ppb
Bismuth	209-1				86		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.39	0.34	0.38	0.37	8.43	ppb
Cadmium	106-1	0.87	0.54	0.46	0.63	34.81	ppb
Cadmium	111-1	0.21	0.14	0.12	0.16	28.26	ppb
Calcium	43-1	499924.07	495976.71	503215.43	499705.40	0.73	ppb
Calcium	44-1	497628.05	498566.42	503354.99	499849.82	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.95	2.78	2.81	2.85	3.22	ppb
Cobalt	59-2	2.57	2.44	2.46	2.49	2.83	ppb
Copper	63-2	2.12	1.94	1.99	2.02	4.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				96		%
Iron	56-2	252818.60	238526.97	256649.15	249331.57	3.83	ppb
Iron	57-2	257413.42	240088.75	251049.76	249517.31	3.51	ppb
Iron	54-2	258798.00	239999.31	249259.84	249352.39	3.77	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:02:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.09	0.84	0.80	0.91	17.22	ppb
Lead	207-1	1.06	0.83	0.81	0.90	15.35	ppb
Lead	208-1	1.06	0.82	0.79	0.89	16.63	ppb
Lithium	6-1				90		%
Magnesium	24-2	514553.32	478513.60	500077.67	497714.86	3.64	ppb
Manganese	55-2	4.88	4.70	4.69	4.76	2.31	ppb
Molybdenum	94-1	3.02	2.53	2.64	2.73	9.59	ppb
Molybdenum	95-1	1.70	1.21	1.29	1.40	19.05	ppb
Molybdenum	96-1	3.14	2.54	2.67	2.78	11.33	ppb
Molybdenum	97-1	1.70	1.19	1.22	1.37	20.88	ppb
Molybdenum	98-1	1.61	1.09	1.16	1.29	22.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.89	3.60	3.83	3.77	4.11	ppb
Phosphorus	31-2	-3.85	-7.15	-11.10	-7.37		ppb
Potassium	39-2	256632.41	241515.88	251419.71	249856.00	3.07	ppb
Rhodium	103-1				84		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				102		%
Selenium	82-1	1.05	1.14	1.25	1.15	9.05	ppb
Selenium	77-2	0.41	0.24	0.06	0.24	74.92	ppb
Selenium	78-2	0.26	0.71	-0.08	0.30	132.17	ppb
Silicon	28-1	6.84	5.12	3.60	5.19	31.25	ppb
Silver	107-1	0.12	0.08	0.08	0.09	23.25	ppb
Silver	109-1	0.12	0.09	0.08	0.10	24.49	ppb
Sodium	23-2	505913.37	476094.94	516969.34	499659.22	4.23	ppb
Strontium	86-1	75.76	73.03	74.59	74.46	1.84	ppb
Strontium	88-1	75.44	73.36	72.71	73.83	1.93	ppb
Sulfur	34-1	-227.62	-325.85	-335.89	-296.45		ppb
Terbium	159-1				94		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.08	0.07	0.09	33.91	ppb
Thallium	205-1	0.12	0.08	0.07	0.09	31.79	ppb
Tin	118-1	0.86	0.81	0.79	0.82	3.82	ppb
Titanium	47-1	1.35	0.85	0.79	0.99	30.61	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:02:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.03	0.02	0.05	74.92	ppb
Vanadium	51-2	0.16	0.15	0.15	0.15	3.13	ppb
Yttrium	89-1				94		%
Yttrium	89-2				102		%
Zinc	66-2	26.77	25.32	25.99	26.02	2.79	ppb
Zirconium	90-1	0.88	0.85	0.90	0.88	2.64	ppb
Zirconium	91-1	0.88	0.88	0.91	0.89	1.64	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:43:05	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.71	498.39	497.20	493.77	1.42	ppb
Antimony	121-1	209.20	212.02	211.68	210.97	0.73	ppb
Arsenic	75-2	203.14	206.43	206.07	205.21	0.88	ppb
Barium	135-1	103.11	104.68	106.05	104.61	1.41	ppb
Barium	137-1	104.75	105.45	106.46	105.55	0.81	ppb
Beryllium	9-1	100.00	96.80	99.86	98.89	1.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	97.69	97.71	99.61	98.34	1.12	ppb
Cadmium	106-1	95.71	98.13	97.21	97.02	1.26	ppb
Cadmium	111-1	108.90	110.24	110.59	109.91	0.81	ppb
Calcium	43-1	2035.51	2037.38	2081.66	2051.51	1.27	ppb
Calcium	44-1	2017.57	1999.87	2013.47	2010.30	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.89	104.58	104.37	103.61	1.44	ppb
Cobalt	59-2	103.48	107.00	108.01	106.16	2.24	ppb
Copper	63-2	98.59	101.16	100.23	100.00	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	2093.32	2159.83	2134.72	2129.29	1.58	ppb
Iron	57-2	2140.39	2192.38	2178.08	2170.28	1.24	ppb
Iron	54-2	2181.83	2245.25	2257.18	2228.09	1.82	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:43:05	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	205.56	208.03	211.72	208.44	1.49	ppb
Lead	207-1	194.72	196.07	199.69	196.83	1.31	ppb
Lead	208-1	198.72	202.05	203.83	201.53	1.29	ppb
Lithium	6-1				103		%
Magnesium	24-2	1172.33	1204.55	1190.57	1189.15	1.36	ppb
Manganese	55-2	100.75	103.22	102.69	102.22	1.27	ppb
Molybdenum	94-1	0.07	0.07	0.08	0.07	10.10	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	6.95	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	14.59	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	20.81	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	7.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.01	106.64	106.83	105.82	1.49	ppb
Phosphorus	31-2	-15.82	-15.22	-16.73	-15.92		ppb
Potassium	39-2	2043.78	2065.76	2101.27	2070.27	1.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	204.28	204.96	203.88	204.37	0.27	ppb
Selenium	77-2	203.16	207.86	208.81	206.61	1.46	ppb
Selenium	78-2	207.07	206.86	203.16	205.70	1.07	ppb
Silicon	28-1	-1.16	-2.44	-1.73	-1.78		ppb
Silver	107-1	54.27	54.25	54.47	54.33	0.22	ppb
Silver	109-1	54.46	54.69	55.17	54.77	0.67	ppb
Sodium	23-2	1971.55	1996.54	1962.26	1976.78	0.90	ppb
Strontium	86-1	6.04	6.97	6.77	6.60	7.40	ppb
Strontium	88-1	7.15	7.15	7.22	7.17	0.52	ppb
Sulfur	34-1	-48.89	-114.21	-102.06	-88.38		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	199.52	201.74	202.47	201.24	0.76	ppb
Thallium	205-1	198.13	196.80	204.11	199.68	1.95	ppb
Tin	118-1	0.01	0.01	0.02	0.01	32.39	ppb
Titanium	47-1	0.02	0.04	0.04	0.03	40.55	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:43:05	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	58.43	ppb
Vanadium	51-2	97.93	99.89	100.41	99.41	1.32	ppb
Yttrium	89-1				105		%
Yttrium	89-2				109		%
Zinc	66-2	194.10	200.55	199.06	197.90	1.71	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	41.38	ppb
Zirconium	91-1	0.06	0.08	0.07	0.07	11.06	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:46:09	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.02	0.08	0.04	125.26	ppb
Antimony	121-1	0.26	0.12	0.10	0.16	52.41	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	27.07	ppb
Barium	135-1	0.13	0.02	0.01	0.05	115.88	ppb
Barium	137-1	0.10	0.03	0.01	0.04	100.99	ppb
Beryllium	9-1	0.09	0.04	0.00	0.04	100.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.00	0.01	0.04	157.70	ppb
Cadmium	106-1	0.88	0.00	0.09	0.32	151.00	ppb
Cadmium	111-1	0.18	0.04	0.02	0.08	111.87	ppb
Calcium	43-1	2.22	0.15	-1.64	0.24	793.03	ppb
Calcium	44-1	5.02	3.54	2.66	3.74	31.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	-0.01	0.00	591.45	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	634.40	ppb
Copper	63-2	0.01	-0.02	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	0.29	0.19	0.27	0.25	19.13	ppb
Iron	57-2	-0.61	-1.05	-0.52	-0.73		ppb
Iron	54-2	0.18	-0.28	0.42	0.10	340.71	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:46:09	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.08	0.03	0.12	88.96	ppb
Lead	207-1	0.22	0.08	0.04	0.11	88.37	ppb
Lead	208-1	0.22	0.08	0.03	0.11	87.73	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.07	-0.25	0.04	-0.05		ppb
Manganese	55-2	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	94-1	0.01	0.01	0.02	0.01	84.24	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.01	28.23	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	65.23	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	103.70	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	21.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-15.44	-15.66	-17.95	-16.35		ppb
Potassium	39-2	1.29	-1.19	0.31	0.14	905.06	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	0.66	0.64	0.22	0.51	49.43	ppb
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	0.02	0.19	0.63	0.28	112.90	ppb
Silicon	28-1	-2.44	-2.68	-1.93	-2.35		ppb
Silver	107-1	0.06	0.02	0.02	0.03	73.15	ppb
Silver	109-1	0.06	0.02	0.01	0.03	75.74	ppb
Sodium	23-2	-5.22	-7.04	-6.17	-6.14		ppb
Strontium	86-1	-0.05	-0.07	-0.26	-0.12		ppb
Strontium	88-1	0.00	-0.01	0.01	0.00	354.96	ppb
Sulfur	34-1	-91.08	-141.06	-118.32	-116.82		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.19	0.07	0.03	0.10	87.70	ppb
Thallium	205-1	0.19	0.07	0.03	0.09	87.20	ppb
Tin	118-1	0.02	0.00	0.00	0.01	109.60	ppb
Titanium	47-1	0.00	-0.01	0.00	0.00		ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:46:09	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	36.25	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	20.75	ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	0.02	-0.03	-0.02	-0.01		ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	211.40	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	309.02	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:49:27	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94648.48	91762.80	93110.70	93173.99	1.55	ppb
Antimony	121-1	1.14	1.16	1.13	1.14	1.05	ppb
Arsenic	75-2	0.32	0.31	0.34	0.32	4.56	ppb
Barium	135-1	1.47	1.46	1.50	1.48	1.58	ppb
Barium	137-1	1.47	1.50	1.40	1.46	3.72	ppb
Beryllium	9-1	0.31	0.32	0.27	0.30	8.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.82	9.67	8.72	9.40	6.35	ppb
Cadmium	106-1	0.40	-0.34	-0.55	-0.16		ppb
Cadmium	111-1	0.43	0.37	0.35	0.39	11.14	ppb
Calcium	43-1	100917.87	102145.63	102776.73	101946.74	0.93	ppb
Calcium	44-1	101060.94	101392.20	102235.95	101563.03	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.21	19.68	20.02	19.97	1.35	ppb
Cobalt	59-2	1.27	1.23	1.24	1.25	1.43	ppb
Copper	63-2	7.10	7.03	7.22	7.12	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	104635.03	104180.15	104484.40	104433.20	0.22	ppb
Iron	57-2	104171.85	102068.14	105427.66	103889.22	1.63	ppb
Iron	54-2	105291.08	101450.89	105782.32	104174.76	2.28	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:49:27	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.95	4.91	4.89	4.92	0.62	ppb
Lead	207-1	4.41	4.35	4.38	4.38	0.62	ppb
Lead	208-1	4.60	4.59	4.54	4.58	0.73	ppb
Lithium	6-1				95		%
Magnesium	24-2	102246.77	99406.76	102197.70	101283.74	1.61	ppb
Manganese	55-2	8.00	7.89	7.99	7.96	0.73	ppb
Molybdenum	94-1	1556.77	1589.57	1598.58	1581.64	1.39	ppb
Molybdenum	95-1	1900.08	1927.35	1944.66	1924.03	1.17	ppb
Molybdenum	96-1	1859.86	1880.73	1892.57	1877.72	0.88	ppb
Molybdenum	97-1	1900.67	1938.63	1927.64	1922.31	1.02	ppb
Molybdenum	98-1	1902.99	1940.19	1928.60	1923.93	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.33	5.28	5.27	5.29	0.53	ppb
Phosphorus	31-2	99401.80	97049.87	99514.82	98655.50	1.41	ppb
Potassium	39-2	100822.43	100103.59	101225.72	100717.25	0.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	82-1	0.21	0.50	0.50	0.40	41.91	ppb
Selenium	77-2	0.14	0.05	-0.03	0.05	157.70	ppb
Selenium	78-2	0.92	0.17	0.55	0.55	67.94	ppb
Silicon	28-1	1.34	-0.16	-0.98	0.07	1773.18	ppb
Silver	107-1	0.03	0.03	0.02	0.03	21.03	ppb
Silver	109-1	0.03	0.03	0.03	0.03	3.11	ppb
Sodium	23-2	97140.86	96366.16	96858.44	96788.49	0.41	ppb
Strontium	86-1	843.56	850.77	860.38	851.57	0.99	ppb
Strontium	88-1	860.21	868.68	869.35	866.08	0.59	ppb
Sulfur	34-1	97340.57	97192.58	98897.59	97810.25	0.97	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.13	0.12	0.11	0.12	9.19	ppb
Thallium	205-1	0.13	0.12	0.11	0.12	9.44	ppb
Tin	118-1	0.18	0.20	0.17	0.18	9.16	ppb
Titanium	47-1	2025.34	2035.56	2037.44	2032.78	0.32	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:49:27	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	10.40	ppb
Vanadium	51-2	0.17	0.18	0.17	0.17	3.83	ppb
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	10.95	10.93	10.90	10.93	0.26	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	46.99	ppb
Zirconium	91-1	0.00	0.02	0.02	0.02	62.76	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:52:28	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89896.57	91094.10	89210.16	90066.94	1.06	ppb
Antimony	121-1	20.74	21.55	21.40	21.23	2.03	ppb
Arsenic	75-2	20.23	20.28	20.09	20.20	0.49	ppb
Barium	135-1	21.16	21.79	21.75	21.57	1.65	ppb
Barium	137-1	21.02	21.64	21.60	21.42	1.62	ppb
Beryllium	9-1	20.49	20.30	20.10	20.30	0.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.64	27.11	26.31	26.35	2.79	ppb
Cadmium	106-1	17.51	17.37	18.01	17.63	1.89	ppb
Cadmium	111-1	20.19	20.73	20.50	20.47	1.32	ppb
Calcium	43-1	99428.80	100279.22	102398.06	100702.03	1.52	ppb
Calcium	44-1	99205.22	100762.29	101056.66	100341.39	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.02	39.54	38.75	39.10	1.03	ppb
Cobalt	59-2	20.65	21.06	20.64	20.78	1.15	ppb
Copper	63-2	25.25	25.86	25.40	25.51	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	103314.52	103363.07	103352.11	103343.23	0.02	ppb
Iron	57-2	101843.85	104941.85	102889.21	103224.97	1.53	ppb
Iron	54-2	101914.40	103060.54	102057.88	102344.27	0.61	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:52:28	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.60	25.60	25.81	25.67	0.48	ppb
Lead	207-1	23.99	24.12	24.34	24.15	0.72	ppb
Lead	208-1	24.43	24.54	24.85	24.61	0.89	ppb
Lithium	6-1				90		%
Magnesium	24-2	97253.21	98460.29	97316.38	97676.63	0.70	ppb
Manganese	55-2	27.38	27.30	27.07	27.25	0.59	ppb
Molybdenum	94-1	1566.10	1555.44	1579.67	1567.07	0.78	ppb
Molybdenum	95-1	1892.55	1885.16	1926.18	1901.30	1.15	ppb
Molybdenum	96-1	1847.13	1863.23	1870.66	1860.34	0.65	ppb
Molybdenum	97-1	1889.54	1892.64	1907.10	1896.43	0.49	ppb
Molybdenum	98-1	1893.01	1892.62	1908.21	1897.95	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.46	24.79	24.58	24.61	0.69	ppb
Phosphorus	31-2	97185.46	98801.07	95472.15	97152.89	1.71	ppb
Potassium	39-2	99865.01	99830.45	97909.07	99201.51	1.13	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				114		%
Selenium	82-1	19.05	19.25	19.18	19.16	0.52	ppb
Selenium	77-2	19.21	19.20	20.93	19.78	5.03	ppb
Selenium	78-2	20.21	20.89	19.96	20.35	2.36	ppb
Silicon	28-1	-0.89	-1.58	-1.62	-1.36		ppb
Silver	107-1	18.99	19.34	19.65	19.33	1.71	ppb
Silver	109-1	19.28	19.55	19.74	19.53	1.18	ppb
Sodium	23-2	95520.55	96126.98	95723.00	95790.18	0.32	ppb
Strontium	86-1	831.35	853.33	848.83	844.50	1.38	ppb
Strontium	88-1	848.61	863.92	847.61	853.38	1.07	ppb
Sulfur	34-1	94813.87	95926.80	96373.49	95704.72	0.84	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	20.50	20.72	20.89	20.70	0.94	ppb
Thallium	205-1	20.45	20.55	20.72	20.58	0.66	ppb
Tin	118-1	0.16	0.18	0.18	0.17	5.92	ppb
Titanium	47-1	2002.00	2042.11	1995.52	2013.21	1.25	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:52:28	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	4.77	ppb
Vanadium	51-2	19.15	19.28	18.96	19.13	0.84	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	30.61	30.42	30.21	30.41	0.65	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	5.97	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	23.02	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:59:42	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48601.61	49333.79	48536.51	48823.97	0.91	ppb
Antimony	121-1	527.19	519.28	516.57	521.01	1.06	ppb
Arsenic	75-2	514.07	515.41	514.28	514.59	0.14	ppb
Barium	135-1	2623.38	2539.05	2531.96	2564.79	1.98	ppb
Barium	137-1	2597.88	2540.92	2500.07	2546.29	1.93	ppb
Beryllium	9-1	552.90	513.97	510.94	525.94	4.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	533.30	523.92	524.67	527.30	0.99	ppb
Cadmium	106-1	540.17	526.67	528.80	531.88	1.37	ppb
Cadmium	111-1	535.91	526.18	524.56	528.89	1.16	ppb
Calcium	43-1	253390.56	244875.67	253003.61	250423.28	1.92	ppb
Calcium	44-1	254302.61	245449.90	249790.13	249847.55	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.40	496.45	492.97	492.61	0.82	ppb
Cobalt	59-2	517.86	525.38	509.08	517.44	1.58	ppb
Copper	63-2	4967.39	5008.91	4920.23	4965.51	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	125907.03	128120.50	126435.80	126821.11	0.91	ppb
Iron	57-2	126334.71	127728.47	126525.99	126863.06	0.60	ppb
Iron	54-2	124332.35	126522.67	125954.75	125603.26	0.90	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:59:42	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2539.66	2578.28	2583.19	2567.04	0.93	ppb
Lead	207-1	2547.07	2535.45	2548.36	2543.63	0.28	ppb
Lead	208-1	2545.52	2537.24	2554.48	2545.75	0.34	ppb
Lithium	6-1				93		%
Magnesium	24-2	260964.67	261613.11	259317.88	260631.89	0.45	ppb
Manganese	55-2	4894.74	5014.56	4949.27	4952.86	1.21	ppb
Molybdenum	94-1	5076.08	5017.93	5028.55	5040.85	0.61	ppb
Molybdenum	95-1	5072.60	5002.81	4975.99	5017.13	0.99	ppb
Molybdenum	96-1	5087.84	4988.25	4962.04	5012.71	1.32	ppb
Molybdenum	97-1	5018.06	4971.64	4969.28	4986.32	0.55	ppb
Molybdenum	98-1	5016.11	4933.18	4988.05	4979.12	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.68	512.96	499.29	508.31	1.54	ppb
Phosphorus	31-2	9588.61	9731.49	9639.12	9653.08	0.75	ppb
Potassium	39-2	127539.13	129376.57	128823.20	128579.63	0.73	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	506.54	496.16	499.67	500.79	1.05	ppb
Selenium	77-2	499.08	500.86	492.05	497.33	0.94	ppb
Selenium	78-2	499.50	495.70	504.84	500.01	0.92	ppb
Silicon	28-1	171.32	165.60	168.38	168.44	1.70	ppb
Silver	107-1	531.22	518.93	516.71	522.29	1.50	ppb
Silver	109-1	533.44	519.28	519.42	524.04	1.55	ppb
Sodium	23-2	237059.02	242979.19	240937.24	240325.15	1.25	ppb
Strontium	86-1	13312.83	13002.40	12947.60	13087.61	1.50	ppb
Strontium	88-1	13307.28	12943.13	13190.44	13146.95	1.41	ppb
Sulfur	34-1	10146.09	9774.84	9914.83	9945.26	1.89	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	517.50	506.49	512.57	512.19	1.08	ppb
Thallium	205-1	509.21	507.93	507.27	508.14	0.19	ppb
Tin	118-1	519.16	514.66	504.09	512.64	1.51	ppb
Titanium	47-1	5089.54	4978.20	5021.24	5029.66	1.12	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:59:42	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	517.57	505.94	519.96	514.49	1.46	ppb
Vanadium	51-2	496.75	506.61	500.89	501.42	0.99	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	4954.87	4955.00	4951.50	4953.79	0.04	ppb
Zirconium	90-1	517.31	512.62	516.52	515.48	0.49	ppb
Zirconium	91-1	516.44	509.33	512.52	512.76	0.70	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:02:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.44	0.14	0.39	58.16	ppb
Antimony	121-1	0.36	0.38	0.48	0.41	16.24	ppb
Arsenic	75-2	0.02	0.04	0.04	0.03	29.17	ppb
Barium	135-1	0.62	0.21	0.05	0.29	98.87	ppb
Barium	137-1	0.60	0.21	0.06	0.29	97.57	ppb
Beryllium	9-1	0.18	0.10	0.06	0.11	56.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.14	0.04	0.11	60.35	ppb
Cadmium	106-1	0.52	0.45	0.36	0.44	18.23	ppb
Cadmium	111-1	0.19	0.09	0.06	0.11	57.17	ppb
Calcium	43-1	61.12	20.81	5.38	29.10	98.87	ppb
Calcium	44-1	72.57	32.27	17.42	40.76	70.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	69.50	ppb
Copper	63-2	0.10	0.10	0.08	0.10	12.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	1.86	1.61	1.43	1.63	13.30	ppb
Iron	57-2	0.90	1.04	0.42	0.79	41.19	ppb
Iron	54-2	1.91	1.83	1.34	1.69	18.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:02:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.64	0.25	0.11	0.34	81.50	ppb
Lead	207-1	0.63	0.24	0.10	0.32	84.86	ppb
Lead	208-1	0.64	0.25	0.11	0.33	82.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.32	0.94	0.61	0.96	37.43	ppb
Manganese	55-2	0.04	0.03	0.02	0.03	33.71	ppb
Molybdenum	94-1	1.60	1.00	0.84	1.15	34.77	ppb
Molybdenum	95-1	1.30	0.57	0.32	0.73	69.78	ppb
Molybdenum	96-1	1.32	0.64	0.37	0.78	62.55	ppb
Molybdenum	97-1	1.33	0.59	0.32	0.75	70.40	ppb
Molybdenum	98-1	1.27	0.59	0.31	0.72	67.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	-18.23	-17.45	-14.68	-16.79		ppb
Potassium	39-2	26.65	27.15	24.32	26.04	5.80	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	0.32	0.41	0.03	0.26	77.10	ppb
Selenium	77-2	-0.03	0.05	-0.03	0.00		ppb
Selenium	78-2	0.46	0.66	0.26	0.46	42.43	ppb
Silicon	28-1	-4.29	-4.07	-3.68	-4.01		ppb
Silver	107-1	0.13	0.06	0.03	0.07	74.12	ppb
Silver	109-1	0.13	0.05	0.03	0.07	71.61	ppb
Sodium	23-2	16.61	17.42	16.36	16.79	3.29	ppb
Strontium	86-1	2.81	0.89	0.20	1.30	104.21	ppb
Strontium	88-1	3.05	1.09	0.28	1.47	96.57	ppb
Sulfur	34-1	-783.07	-732.29	-690.92	-735.43		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.18	0.11	0.10	0.13	34.52	ppb
Thallium	205-1	0.18	0.12	0.09	0.13	34.01	ppb
Tin	118-1	0.14	0.08	0.04	0.09	56.86	ppb
Titanium	47-1	1.26	0.49	0.15	0.63	89.67	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:02:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.05	0.01	0.06	88.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	77.68	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	0.03	0.04	0.02	0.03	27.77	ppb
Zirconium	90-1	0.31	0.30	0.32	0.31	2.60	ppb
Zirconium	91-1	0.34	0.30	0.35	0.33	8.28	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:07:25	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.14	0.04	-0.08		ppb
Antimony	121-1	0.04	0.06	0.08	0.06	39.60	ppb
Arsenic	75-2	0.00	0.01	0.00	0.01	81.63	ppb
Barium	135-1	0.01	0.00	0.01	0.01	77.03	ppb
Barium	137-1	0.01	0.00	0.01	0.01	56.74	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	24.02	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.02	0.01	0.00		ppb
Cadmium	106-1	-0.68	-0.09	-0.51	-0.43		ppb
Cadmium	111-1	-0.04	0.00	-0.03	-0.02		ppb
Calcium	43-1	6.01	7.37	8.15	7.18	15.10	ppb
Calcium	44-1	18.36	16.78	16.17	17.10	6.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.02	0.02	0.01	0.02	53.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				115		%
Iron	56-2	-0.07	-0.07	-0.09	-0.08		ppb
Iron	57-2	-1.60	-0.40	-0.75	-0.92		ppb
Iron	54-2	-1.07	-1.39	-1.63	-1.36		ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:07:25	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.03	0.04	0.04	15.63	ppb
Lead	207-1	0.04	0.04	0.03	0.03	14.25	ppb
Lead	208-1	0.04	0.03	0.04	0.04	10.73	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.15	0.02	-0.34	-0.16		ppb
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.02	0.03	0.06	0.04	59.54	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.03	12.40	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	23.57	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	26.04	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	11.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.05	-0.05		ppb
Phosphorus	31-2	-18.13	-15.63	-20.00	-17.92		ppb
Potassium	39-2	11.55	10.59	10.75	10.96	4.69	ppb
Rhodium	103-1				113		%
Rhodium	103-2				116		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	0.21	0.35	0.26	0.27	26.66	ppb
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	0.54	-0.15	0.31	0.23	149.01	ppb
Silicon	28-1	-5.38	-5.43	-5.24	-5.35		ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.92	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.44	ppb
Sodium	23-2	9.42	8.60	8.93	8.98	4.59	ppb
Strontium	86-1	0.07	-0.12	-0.02	-0.02		ppb
Strontium	88-1	0.18	0.15	0.16	0.16	8.96	ppb
Sulfur	34-1	-662.72	-672.97	-663.63	-666.44		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	0.05	0.04	0.04	0.04	7.85	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	1.67	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	7372.95	ppb
Titanium	47-1	0.03	0.00	0.02	0.02	94.48	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:07:25	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	254.96	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				115		%
Yttrium	89-2				117		%
Zinc	66-2	0.34	0.34	0.32	0.33	2.68	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	86.91	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	51.23	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:10:42	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.14	39.25	39.68	40.02	2.47	ppb
Antimony	121-1	4.10	4.48	4.52	4.37	5.30	ppb
Arsenic	75-2	2.21	2.08	2.30	2.20	4.88	ppb
Barium	135-1	19.71	21.51	21.65	20.96	5.16	ppb
Barium	137-1	19.77	21.41	21.76	20.98	5.05	ppb
Beryllium	9-1	2.04	2.04	2.01	2.03	0.97	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.22	2.09	2.13	2.15	2.96	ppb
Cadmium	106-1	3.41	3.12	3.29	3.27	4.55	ppb
Cadmium	111-1	2.22	2.44	2.44	2.37	5.31	ppb
Calcium	43-1	974.66	1042.40	1052.90	1023.32	4.15	ppb
Calcium	44-1	964.60	1047.91	1057.61	1023.38	5.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.35	4.29	4.27	4.30	0.98	ppb
Cobalt	59-2	2.22	2.21	2.18	2.20	0.96	ppb
Copper	63-2	4.59	4.40	4.41	4.47	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				117		%
Indium	115-2				116		%
Iron	56-2	462.59	447.67	446.53	452.26	1.98	ppb
Iron	57-2	465.35	455.52	458.80	459.89	1.09	ppb
Iron	54-2	463.01	449.44	456.58	456.34	1.49	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:10:42	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.03	2.15	2.17	2.12	3.42	ppb
Lead	207-1	1.99	2.14	2.11	2.08	3.80	ppb
Lead	208-1	2.00	2.16	2.13	2.10	3.99	ppb
Lithium	6-1				102		%
Magnesium	24-2	1081.00	1057.28	1057.67	1065.32	1.27	ppb
Manganese	55-2	2.18	2.18	2.16	2.17	0.70	ppb
Molybdenum	94-1	11.07	11.90	12.09	11.68	4.66	ppb
Molybdenum	95-1	9.33	10.11	10.10	9.85	4.57	ppb
Molybdenum	96-1	9.54	10.25	10.37	10.05	4.47	ppb
Molybdenum	97-1	9.31	10.00	10.26	9.85	4.98	ppb
Molybdenum	98-1	9.32	10.17	10.20	9.90	5.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	2.15	2.12	2.18	3.28	ppb
Phosphorus	31-2	-15.85	-18.90	-17.03	-17.26		ppb
Potassium	39-2	1097.55	1098.63	1105.52	1100.57	0.39	ppb
Rhodium	103-1				117		%
Rhodium	103-2				115		%
Scandium	45-1				119		%
Scandium	45-2				119		%
Selenium	82-1	10.65	11.19	10.86	10.90	2.46	ppb
Selenium	77-2	10.63	10.71	10.66	10.67	0.40	ppb
Selenium	78-2	11.49	10.25	10.99	10.91	5.72	ppb
Silicon	28-1	-2.92	-0.36	0.81	-0.82		ppb
Silver	107-1	2.06	2.23	2.30	2.20	5.64	ppb
Silver	109-1	2.06	2.27	2.31	2.21	6.07	ppb
Sodium	23-2	1049.30	1012.77	1005.62	1022.56	2.29	ppb
Strontium	86-1	47.94	52.14	52.87	50.98	5.22	ppb
Strontium	88-1	48.95	52.66	53.00	51.54	4.36	ppb
Sulfur	34-1	-724.02	-527.79	-509.17	-586.99		ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	1.95	2.10	2.10	2.05	4.18	ppb
Thallium	205-1	1.93	2.10	2.09	2.04	4.73	ppb
Tin	118-1	0.01	0.02	0.02	0.02	26.88	ppb
Titanium	47-1	9.67	10.45	10.31	10.14	4.11	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:10:42	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.83	1.97	1.95	1.91	3.91	ppb
Vanadium	51-2	10.65	10.24	10.18	10.36	2.45	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	11.67	11.44	11.49	11.53	1.02	ppb
Zirconium	90-1	1.95	2.09	2.12	2.05	4.56	ppb
Zirconium	91-1	1.93	2.15	2.16	2.08	6.27	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:13:55	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.14	19.01	19.19	19.11	0.49	ppb
Antimony	121-1	2.13	2.20	2.20	2.18	1.80	ppb
Arsenic	75-2	1.07	1.09	1.06	1.07	1.60	ppb
Barium	135-1	10.36	10.42	10.23	10.34	0.94	ppb
Barium	137-1	10.43	10.41	10.55	10.46	0.72	ppb
Beryllium	9-1	1.07	1.07	1.00	1.05	3.95	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.25	1.16	0.98	1.13	11.90	ppb
Cadmium	106-1	3.23	2.88	1.98	2.69	23.90	ppb
Cadmium	111-1	1.28	1.27	1.23	1.26	2.04	ppb
Calcium	43-1	504.56	518.28	518.28	513.71	1.54	ppb
Calcium	44-1	506.40	516.08	521.17	514.55	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	2.07	2.07	2.06	1.10	ppb
Cobalt	59-2	1.06	1.06	1.09	1.07	1.43	ppb
Copper	63-2	2.23	2.18	2.26	2.22	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				115		%
Iron	56-2	221.32	214.27	219.40	218.33	1.67	ppb
Iron	57-2	223.33	216.23	220.77	220.11	1.63	ppb
Iron	54-2	220.14	219.80	223.74	221.23	0.99	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:13:55	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.07	1.06	1.08	1.07	1.03	ppb
Lead	207-1	1.03	1.07	1.03	1.05	2.16	ppb
Lead	208-1	1.05	1.06	1.07	1.06	0.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	516.95	515.08	527.68	519.90	1.31	ppb
Manganese	55-2	1.07	1.09	1.11	1.09	2.06	ppb
Molybdenum	94-1	5.77	5.85	5.87	5.83	0.82	ppb
Molybdenum	95-1	4.91	4.85	4.88	4.88	0.66	ppb
Molybdenum	96-1	4.93	4.94	4.96	4.94	0.30	ppb
Molybdenum	97-1	4.87	4.83	4.88	4.86	0.58	ppb
Molybdenum	98-1	4.88	4.86	4.94	4.90	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.06	1.08	1.07	0.86	ppb
Phosphorus	31-2	-17.58	-16.24	-20.34	-18.05		ppb
Potassium	39-2	544.08	539.07	552.71	545.28	1.27	ppb
Rhodium	103-1				115		%
Rhodium	103-2				115		%
Scandium	45-1				117		%
Scandium	45-2				118		%
Selenium	82-1	5.49	5.29	5.95	5.58	6.09	ppb
Selenium	77-2	4.69	5.27	5.69	5.22	9.59	ppb
Selenium	78-2	5.47	5.41	5.16	5.35	3.05	ppb
Silicon	28-1	-2.98	-3.58	-3.13	-3.23		ppb
Silver	107-1	1.10	1.10	1.12	1.11	0.93	ppb
Silver	109-1	1.11	1.12	1.11	1.11	0.80	ppb
Sodium	23-2	478.49	467.38	478.17	474.68	1.33	ppb
Strontium	86-1	24.63	25.47	24.99	25.03	1.69	ppb
Strontium	88-1	25.59	25.51	25.51	25.54	0.16	ppb
Sulfur	34-1	-472.64	-454.16	-468.56	-465.12		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	1.04	1.03	1.02	1.03	1.41	ppb
Thallium	205-1	1.00	1.04	1.01	1.02	1.75	ppb
Tin	118-1	0.01	0.02	0.01	0.02	38.40	ppb
Titanium	47-1	4.95	4.92	5.00	4.96	0.83	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:13:55	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.93	0.96	0.94	1.58	ppb
Vanadium	51-2	5.00	4.87	5.06	4.98	1.97	ppb
Yttrium	89-1				117		%
Yttrium	89-2				117		%
Zinc	66-2	5.75	5.67	5.85	5.76	1.58	ppb
Zirconium	90-1	1.02	1.00	1.03	1.02	1.15	ppb
Zirconium	91-1	1.04	1.03	1.03	1.03	0.45	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:17:09	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.02	-0.01	0.00	2749.89	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	31.51	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	677.96	ppb
Barium	135-1	0.02	0.00	0.00	0.01	110.32	ppb
Barium	137-1	0.01	0.01	0.00	0.01	53.68	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	67.57	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.01	-0.02	-0.01		ppb
Cadmium	106-1	1.02	1.54	1.29	1.28	20.38	ppb
Cadmium	111-1	0.08	0.12	0.10	0.10	17.75	ppb
Calcium	43-1	5.46	7.36	6.56	6.46	14.82	ppb
Calcium	44-1	12.86	14.39	14.65	13.96	6.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	-0.05	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	154.85	ppb
Copper	63-2	0.01	0.01	0.00	0.01	47.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				113		%
Iron	56-2	-0.09	-0.23	-0.23	-0.18		ppb
Iron	57-2	-1.26	-1.36	-1.12	-1.25		ppb
Iron	54-2	-1.06	-1.23	-1.33	-1.21		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:17:09	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.02	0.02	8.69	ppb
Lead	207-1	0.02	0.02	0.03	0.02	11.42	ppb
Lead	208-1	0.03	0.03	0.03	0.03	0.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.61	-0.38	-0.41	-0.47		ppb
Manganese	55-2	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	-0.01	0.00	0.03	0.01	362.35	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	33.24	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	34.41	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	41.63	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	15.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.04	-0.05		ppb
Phosphorus	31-2	-18.38	-17.11	-18.66	-18.05		ppb
Potassium	39-2	8.61	9.15	8.83	8.86	3.06	ppb
Rhodium	103-1				112		%
Rhodium	103-2				114		%
Scandium	45-1				114		%
Scandium	45-2				118		%
Selenium	82-1	0.14	0.16	0.13	0.14	12.14	ppb
Selenium	77-2	-0.03	0.05	0.05	0.02	209.11	ppb
Selenium	78-2	0.40	0.60	-0.05	0.32	105.06	ppb
Silicon	28-1	-5.85	-5.11	-3.61	-4.85		ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.56	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.12	ppb
Sodium	23-2	8.70	8.15	8.27	8.37	3.48	ppb
Strontium	86-1	0.05	0.04	0.10	0.06	58.49	ppb
Strontium	88-1	0.17	0.16	0.17	0.16	3.42	ppb
Sulfur	34-1	-453.70	-419.21	-386.23	-419.71		ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.02	0.02	0.02	0.56	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.01	ppb
Tin	118-1	-0.02	0.00	0.00	-0.01		ppb
Titanium	47-1	0.01	0.02	0.03	0.02	57.09	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:17:09	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	114.10	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				115		%
Yttrium	89-2				117		%
Zinc	66-2	0.32	0.27	0.31	0.30	8.89	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	575.65	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	131.89	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:20:27	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.30	40.82	39.99	40.37	1.04	ppb
Antimony	121-1	4.40	4.41	4.42	4.41	0.22	ppb
Arsenic	75-2	2.26	2.25	2.19	2.23	1.69	ppb
Barium	135-1	21.41	21.35	21.62	21.46	0.66	ppb
Barium	137-1	21.55	21.44	21.57	21.52	0.33	ppb
Beryllium	9-1	2.29	2.14	1.84	2.09	11.06	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.30	2.26	2.41	2.32	3.22	ppb
Cadmium	106-1	3.53	3.09	3.11	3.24	7.71	ppb
Cadmium	111-1	2.46	2.47	2.40	2.44	1.58	ppb
Calcium	43-1	1092.79	1062.59	1041.77	1065.72	2.41	ppb
Calcium	44-1	1060.06	1029.07	1038.81	1042.65	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.25	4.32	4.17	4.25	1.79	ppb
Cobalt	59-2	2.14	2.15	2.17	2.16	0.70	ppb
Copper	63-2	4.37	4.46	4.37	4.40	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				114		%
Iron	56-2	446.42	456.02	446.46	449.64	1.23	ppb
Iron	57-2	452.25	454.01	452.41	452.89	0.21	ppb
Iron	54-2	451.81	451.01	450.11	450.98	0.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:20:27	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.15	2.15	2.18	2.16	0.82	ppb
Lead	207-1	2.14	2.12	2.15	2.14	0.66	ppb
Lead	208-1	2.16	2.12	2.16	2.14	1.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	1052.13	1050.64	1059.32	1054.03	0.44	ppb
Manganese	55-2	2.13	2.13	2.15	2.13	0.47	ppb
Molybdenum	94-1	12.25	12.01	11.96	12.07	1.30	ppb
Molybdenum	95-1	10.23	10.10	10.02	10.12	1.03	ppb
Molybdenum	96-1	10.46	10.21	10.05	10.24	2.02	ppb
Molybdenum	97-1	10.40	10.17	10.06	10.21	1.67	ppb
Molybdenum	98-1	10.25	10.13	10.04	10.14	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	2.09	2.16	2.11	2.11	ppb
Phosphorus	31-2	-16.08	-18.37	-19.81	-18.09		ppb
Potassium	39-2	1070.33	1103.84	1070.75	1081.64	1.78	ppb
Rhodium	103-1				112		%
Rhodium	103-2				114		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	82-1	11.08	10.89	10.84	10.94	1.16	ppb
Selenium	77-2	11.75	11.52	11.31	11.53	1.93	ppb
Selenium	78-2	12.63	11.09	12.56	12.09	7.16	ppb
Silicon	28-1	2.64	1.77	1.08	1.83	42.83	ppb
Silver	107-1	2.23	2.24	2.26	2.24	0.59	ppb
Silver	109-1	2.27	2.32	2.27	2.29	1.14	ppb
Sodium	23-2	1029.80	1018.11	1031.57	1026.49	0.71	ppb
Strontium	86-1	52.76	52.89	51.25	52.30	1.74	ppb
Strontium	88-1	53.30	52.34	52.25	52.63	1.10	ppb
Sulfur	34-1	-293.65	-392.85	-404.76	-363.76		ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	2.14	2.08	2.06	2.09	2.01	ppb
Thallium	205-1	2.12	2.05	2.05	2.07	2.13	ppb
Tin	118-1	0.03	0.03	0.01	0.02	41.25	ppb
Titanium	47-1	10.65	10.24	10.40	10.43	1.99	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:20:27	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.97	1.94	1.94	1.95	0.95	ppb
Vanadium	51-2	10.26	10.20	10.37	10.28	0.85	ppb
Yttrium	89-1				113		%
Yttrium	89-2				116		%
Zinc	66-2	11.45	11.50	11.50	11.48	0.27	ppb
Zirconium	90-1	2.13	2.11	2.10	2.11	0.67	ppb
Zirconium	91-1	2.14	2.17	2.09	2.13	1.92	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:23:39	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.49	19.76	20.04	20.09	1.82	ppb
Antimony	121-1	2.16	2.16	2.18	2.17	0.44	ppb
Arsenic	75-2	1.07	1.17	1.15	1.13	4.92	ppb
Barium	135-1	10.51	10.35	10.74	10.53	1.88	ppb
Barium	137-1	10.51	10.52	10.66	10.56	0.81	ppb
Beryllium	9-1	0.99	1.06	1.05	1.03	3.36	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.10	1.03	1.05	3.86	ppb
Cadmium	106-1	2.61	2.47	2.12	2.40	10.37	ppb
Cadmium	111-1	1.20	1.26	1.21	1.22	2.63	ppb
Calcium	43-1	512.22	520.91	509.09	514.07	1.19	ppb
Calcium	44-1	514.14	528.25	516.48	519.62	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.09	2.06	2.08	0.99	ppb
Cobalt	59-2	1.09	1.06	1.07	1.07	1.32	ppb
Copper	63-2	2.20	2.16	2.15	2.17	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				115		%
Iron	56-2	225.44	220.70	221.54	222.56	1.14	ppb
Iron	57-2	229.80	219.58	224.30	224.56	2.28	ppb
Iron	54-2	227.10	221.44	224.92	224.49	1.27	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:23:39	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.07	1.06	1.07	1.07	0.52	ppb
Lead	207-1	1.05	1.06	1.05	1.05	0.72	ppb
Lead	208-1	1.07	1.07	1.06	1.06	0.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	533.26	511.94	527.53	524.24	2.10	ppb
Manganese	55-2	1.08	1.06	1.04	1.06	1.79	ppb
Molybdenum	94-1	5.84	5.82	5.94	5.87	1.07	ppb
Molybdenum	95-1	4.87	4.89	4.97	4.91	1.02	ppb
Molybdenum	96-1	5.00	5.08	5.06	5.04	0.81	ppb
Molybdenum	97-1	4.90	4.94	5.02	4.95	1.21	ppb
Molybdenum	98-1	4.90	4.99	5.02	4.97	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.05	1.04	1.06	1.88	ppb
Phosphorus	31-2	-18.26	-20.19	-17.56	-18.67		ppb
Potassium	39-2	562.58	548.47	553.67	554.91	1.29	ppb
Rhodium	103-1				113		%
Rhodium	103-2				114		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	82-1	5.65	5.70	5.83	5.73	1.56	ppb
Selenium	77-2	5.30	5.60	4.87	5.26	6.97	ppb
Selenium	78-2	5.45	5.51	5.97	5.64	5.03	ppb
Silicon	28-1	-0.66	-1.04	-2.26	-1.32		ppb
Silver	107-1	1.07	1.11	1.16	1.11	3.90	ppb
Silver	109-1	1.10	1.10	1.14	1.12	1.94	ppb
Sodium	23-2	487.26	474.11	482.86	481.41	1.39	ppb
Strontium	86-1	24.78	25.54	25.99	25.44	2.40	ppb
Strontium	88-1	25.56	25.86	25.92	25.78	0.75	ppb
Sulfur	34-1	-447.20	-411.91	-458.98	-439.37		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	1.03	1.04	1.01	1.03	1.41	ppb
Thallium	205-1	1.02	1.03	1.00	1.02	1.32	ppb
Tin	118-1	0.02	0.02	0.01	0.02	12.37	ppb
Titanium	47-1	4.88	5.15	5.05	5.03	2.71	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:23:39	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.97	0.96	0.96	1.40	ppb
Vanadium	51-2	5.19	4.98	5.03	5.07	2.08	ppb
Yttrium	89-1				114		%
Yttrium	89-2				118		%
Zinc	66-2	5.87	5.56	5.62	5.68	2.90	ppb
Zirconium	90-1	1.01	1.05	1.05	1.04	2.12	ppb
Zirconium	91-1	1.05	1.05	1.04	1.05	0.52	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BL	Instrumnet Name :	P7
Client Sample ID :	PBS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:26:56	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.08	-0.08	-0.10		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	44.47	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	455.87	ppb
Barium	135-1	0.01	0.00	0.01	0.01	56.60	ppb
Barium	137-1	0.01	0.01	0.01	0.01	34.79	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	85.19	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.03	0.05	0.02	131.38	ppb
Cadmium	106-1	1.26	1.47	0.79	1.17	29.71	ppb
Cadmium	111-1	0.10	0.11	0.06	0.09	29.07	ppb
Calcium	43-1	5.69	5.61	7.09	6.13	13.64	ppb
Calcium	44-1	16.29	15.56	15.59	15.81	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.05	-0.04	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.00	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				114		%
Iron	56-2	-0.25	-0.25	-0.29	-0.26		ppb
Iron	57-2	-0.73	-1.09	-1.15	-0.99		ppb
Iron	54-2	-0.94	-1.40	-1.43	-1.25		ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BL	Instrumnet Name :	P7
Client Sample ID :	PBS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:26:56	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	17.34	ppb
Lead	207-1	0.02	0.01	0.02	0.02	11.58	ppb
Lead	208-1	0.02	0.02	0.02	0.02	5.00	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.49	-0.47	-0.46	-0.47		ppb
Manganese	55-2	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	-0.02	0.00	0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	51.39	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	72.77	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	185.00	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	44.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.06	-0.06		ppb
Phosphorus	31-2	-19.26	-17.47	-19.14	-18.62		ppb
Potassium	39-2	4.59	6.05	4.72	5.12	15.83	ppb
Rhodium	103-1				114		%
Rhodium	103-2				115		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	82-1	0.41	0.24	0.62	0.43	45.17	ppb
Selenium	77-2	0.05	-0.03	-0.03	0.00		ppb
Selenium	78-2	0.32	0.48	0.10	0.30	63.68	ppb
Silicon	28-1	-3.59	-4.27	-4.93	-4.26		ppb
Silver	107-1	0.01	0.01	0.00	0.01	24.73	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.11	ppb
Sodium	23-2	3.71	4.09	4.03	3.94	5.16	ppb
Strontium	86-1	-0.21	0.06	-0.17	-0.11		ppb
Strontium	88-1	0.18	0.16	0.14	0.16	12.59	ppb
Sulfur	34-1	-338.49	-413.84	-376.70	-376.34		ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	0.01	0.01	0.01	0.01	5.46	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.49	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.01	0.00	0.01	0.00	128.26	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BL	Instrumnet Name :	P7
Client Sample ID :	PBS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:26:56	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	665.31	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				116		%
Yttrium	89-2				117		%
Zinc	66-2	0.30	0.28	0.30	0.29	4.10	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	418.17	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BS	Instrumnet Name :	P7
Client Sample ID :	LCS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:30:11	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.56	40.65	39.23	40.14	1.98	ppb
Antimony	121-1	4.44	4.45	4.50	4.46	0.69	ppb
Arsenic	75-2	2.26	2.42	2.20	2.29	4.84	ppb
Barium	135-1	21.48	21.48	21.74	21.57	0.71	ppb
Barium	137-1	21.43	21.35	21.79	21.52	1.08	ppb
Beryllium	9-1	2.20	2.16	2.14	2.17	1.29	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	2.37	2.19	2.28	3.89	ppb
Cadmium	106-1	4.01	3.57	3.36	3.65	9.09	ppb
Cadmium	111-1	2.53	2.46	2.50	2.50	1.53	ppb
Calcium	43-1	1028.48	1058.99	1054.55	1047.34	1.57	ppb
Calcium	44-1	1042.38	1069.45	1023.97	1045.26	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.27	4.29	4.21	4.26	0.92	ppb
Cobalt	59-2	2.24	2.17	2.16	2.19	1.91	ppb
Copper	63-2	4.41	4.35	4.42	4.39	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				115		%
Iron	56-2	450.28	456.23	438.03	448.18	2.07	ppb
Iron	57-2	454.21	457.59	447.72	453.18	1.11	ppb
Iron	54-2	459.03	451.07	451.08	453.73	1.01	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BS	Instrumnet Name :	P7
Client Sample ID :	LCS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:30:11	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.18	2.12	2.20	2.17	2.11	ppb
Lead	207-1	2.13	2.13	2.24	2.17	2.79	ppb
Lead	208-1	2.16	2.13	2.20	2.16	1.67	ppb
Lithium	6-1				102		%
Magnesium	24-2	1069.25	1070.78	1055.16	1065.06	0.81	ppb
Manganese	55-2	2.18	2.17	2.09	2.14	2.35	ppb
Molybdenum	94-1	12.01	12.02	12.14	12.05	0.59	ppb
Molybdenum	95-1	9.99	10.19	10.18	10.12	1.10	ppb
Molybdenum	96-1	10.13	10.19	10.27	10.20	0.70	ppb
Molybdenum	97-1	10.15	10.16	10.21	10.17	0.32	ppb
Molybdenum	98-1	10.05	10.23	10.19	10.15	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	2.13	2.15	2.10	3.44	ppb
Phosphorus	31-2	-17.58	-18.32	-17.71	-17.87		ppb
Potassium	39-2	1077.65	1089.61	1075.61	1080.96	0.70	ppb
Rhodium	103-1				115		%
Rhodium	103-2				116		%
Scandium	45-1				118		%
Scandium	45-2				121		%
Selenium	82-1	11.44	11.29	10.99	11.24	2.05	ppb
Selenium	77-2	10.86	9.45	11.46	10.59	9.73	ppb
Selenium	78-2	10.71	11.33	11.09	11.04	2.84	ppb
Silicon	28-1	0.18	0.49	0.73	0.47	59.52	ppb
Silver	107-1	2.25	2.31	2.33	2.30	1.65	ppb
Silver	109-1	2.30	2.29	2.31	2.30	0.52	ppb
Sodium	23-2	1016.20	1017.63	1037.89	1023.91	1.18	ppb
Strontium	86-1	52.20	53.83	52.70	52.91	1.58	ppb
Strontium	88-1	52.14	53.03	52.36	52.51	0.89	ppb
Sulfur	34-1	-352.41	-273.45	-298.14	-308.00		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	2.10	2.08	2.13	2.10	1.24	ppb
Thallium	205-1	2.12	2.08	2.16	2.12	2.01	ppb
Tin	118-1	0.03	0.03	0.02	0.03	28.56	ppb
Titanium	47-1	10.20	10.67	10.30	10.39	2.39	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BS	Instrumnet Name :	P7
Client Sample ID :	LCS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:30:11	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.97	1.93	2.03	1.98	2.43	ppb
Vanadium	51-2	10.33	10.27	10.19	10.27	0.69	ppb
Yttrium	89-1				117		%
Yttrium	89-2				118		%
Zinc	66-2	11.26	11.32	11.08	11.22	1.12	ppb
Zirconium	90-1	2.11	2.11	2.10	2.11	0.28	ppb
Zirconium	91-1	2.08	2.11	2.11	2.10	0.92	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:33:33	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.73	19.29	20.23	19.75	2.37	ppb
Antimony	121-1	2.11	2.18	2.21	2.17	2.33	ppb
Arsenic	75-2	1.04	1.09	1.19	1.10	6.86	ppb
Barium	135-1	10.43	10.75	10.57	10.58	1.54	ppb
Barium	137-1	10.24	10.54	10.52	10.44	1.62	ppb
Beryllium	9-1	0.95	0.98	1.03	0.99	4.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	1.29	1.09	1.15	10.63	ppb
Cadmium	106-1	2.50	2.71	1.78	2.33	20.84	ppb
Cadmium	111-1	1.24	1.29	1.23	1.25	2.60	ppb
Calcium	43-1	509.51	510.19	515.87	511.86	0.68	ppb
Calcium	44-1	522.99	522.66	525.43	523.69	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.11	2.04	2.08	1.70	ppb
Cobalt	59-2	1.08	1.04	1.05	1.05	2.04	ppb
Copper	63-2	2.16	2.20	2.19	2.18	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				115		%
Iron	56-2	220.35	223.14	219.83	221.11	0.81	ppb
Iron	57-2	223.86	224.70	220.10	222.88	1.10	ppb
Iron	54-2	221.55	224.09	219.72	221.79	0.99	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:33:33	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.07	1.08	1.06	1.07	0.80	ppb
Lead	207-1	1.05	1.04	1.02	1.04	1.38	ppb
Lead	208-1	1.06	1.08	1.05	1.06	1.26	ppb
Lithium	6-1				104		%
Magnesium	24-2	524.03	531.56	525.46	527.02	0.76	ppb
Manganese	55-2	1.03	1.07	1.06	1.05	2.16	ppb
Molybdenum	94-1	5.84	5.81	5.83	5.83	0.26	ppb
Molybdenum	95-1	4.90	4.86	4.95	4.90	1.00	ppb
Molybdenum	96-1	5.07	4.98	5.05	5.03	0.94	ppb
Molybdenum	97-1	4.96	4.92	5.04	4.97	1.19	ppb
Molybdenum	98-1	4.92	4.96	4.90	4.93	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.06	0.99	1.02	4.04	ppb
Phosphorus	31-2	-19.26	-17.89	-19.04	-18.73		ppb
Potassium	39-2	547.15	554.94	547.72	549.93	0.79	ppb
Rhodium	103-1				114		%
Rhodium	103-2				115		%
Scandium	45-1				117		%
Scandium	45-2				118		%
Selenium	82-1	5.53	5.59	5.52	5.55	0.70	ppb
Selenium	77-2	5.86	5.18	5.17	5.40	7.29	ppb
Selenium	78-2	5.40	5.47	6.78	5.88	13.28	ppb
Silicon	28-1	-2.50	-2.34	-2.01	-2.28		ppb
Silver	107-1	1.08	1.13	1.14	1.11	2.85	ppb
Silver	109-1	1.09	1.15	1.15	1.13	3.01	ppb
Sodium	23-2	480.54	484.73	479.73	481.67	0.56	ppb
Strontium	86-1	25.95	25.34	26.27	25.85	1.82	ppb
Strontium	88-1	25.90	25.48	25.70	25.69	0.82	ppb
Sulfur	34-1	-228.27	-257.63	-250.33	-245.41		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	1.01	1.01	1.02	1.01	0.64	ppb
Thallium	205-1	1.00	1.00	1.01	1.00	0.30	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	280.62	ppb
Titanium	47-1	5.03	5.01	4.98	5.00	0.53	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:33:33	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.96	0.92	0.94	1.75	ppb
Vanadium	51-2	5.04	5.18	5.05	5.09	1.55	ppb
Yttrium	89-1				116		%
Yttrium	89-2				116		%
Zinc	66-2	5.75	5.66	5.63	5.68	1.04	ppb
Zirconium	90-1	1.01	1.00	1.02	1.01	0.76	ppb
Zirconium	91-1	0.98	1.00	1.00	1.00	1.08	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-01	Instrumnet Name :	P7
Client Sample ID :	MYE557	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:36:46	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34672.25	35003.40	34614.45	34763.37	0.60	ppb
Antimony	121-1	1.55	1.61	1.60	1.58	2.07	ppb
Arsenic	75-2	95.49	94.75	94.26	94.83	0.66	ppb
Barium	135-1	348.38	352.26	345.70	348.78	0.95	ppb
Barium	137-1	338.87	355.00	347.56	347.14	2.33	ppb
Beryllium	9-1	1.41	1.44	1.45	1.44	1.34	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.60	1.71	1.66	1.66	3.27	ppb
Cadmium	106-1	3.92	3.33	2.62	3.29	19.85	ppb
Cadmium	111-1	1.13	1.13	1.12	1.12	0.77	ppb
Calcium	43-1	8990.91	9421.18	9382.26	9264.78	2.57	ppb
Calcium	44-1	8759.71	9217.27	9211.66	9062.88	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.75	65.09	64.60	65.15	0.88	ppb
Cobalt	59-2	35.60	35.10	34.94	35.21	0.97	ppb
Copper	63-2	153.76	151.53	153.41	152.90	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	77648.15	76706.83	75622.95	76659.31	1.32	ppb
Iron	57-2	76267.93	75773.23	75034.99	75692.05	0.82	ppb
Iron	54-2	76028.36	75175.71	75074.74	75426.27	0.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-01	Instrumnet Name :	P7
Client Sample ID :	MYE557	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:36:46	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.25	44.34	44.18	43.26	4.02	ppb
Lead	207-1	41.06	42.97	43.28	42.44	2.84	ppb
Lead	208-1	40.66	43.01	43.40	42.36	3.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	14224.53	14183.59	14148.45	14185.52	0.27	ppb
Manganese	55-2	1630.04	1622.61	1616.16	1622.94	0.43	ppb
Molybdenum	94-1	15.64	16.06	16.16	15.95	1.70	ppb
Molybdenum	95-1	0.86	0.91	0.92	0.90	3.60	ppb
Molybdenum	96-1	2.86	2.91	2.91	2.89	1.13	ppb
Molybdenum	97-1	0.85	0.93	0.85	0.88	5.35	ppb
Molybdenum	98-1	0.86	0.90	0.89	0.88	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.42	60.26	60.44	60.71	1.03	ppb
Phosphorus	31-2	1701.02	1651.29	1668.57	1673.63	1.51	ppb
Potassium	39-2	7481.97	7398.30	7322.50	7400.92	1.08	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				117		%
Selenium	82-1	0.85	0.99	0.93	0.93	7.77	ppb
Selenium	77-2	16.45	14.20	15.15	15.27	7.41	ppb
Selenium	78-2	3.19	4.61	3.99	3.93	18.03	ppb
Silicon	28-1	1933.93	2067.08	2054.15	2018.39	3.64	ppb
Silver	107-1	0.26	0.26	0.24	0.25	6.24	ppb
Silver	109-1	0.28	0.27	0.25	0.27	5.01	ppb
Sodium	23-2	133.97	130.86	130.56	131.79	1.43	ppb
Strontium	86-1	1645.93	1694.60	1689.83	1676.79	1.60	ppb
Strontium	88-1	1693.88	1724.90	1738.71	1719.16	1.34	ppb
Sulfur	34-1	-272.96	-434.18	-580.19	-429.11		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.41	0.43	0.40	0.41	3.01	ppb
Thallium	205-1	0.42	0.41	0.41	0.42	0.95	ppb
Tin	118-1	2.81	2.86	2.78	2.82	1.41	ppb
Titanium	47-1	583.42	627.88	625.40	612.23	4.08	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-01	Instrumnet Name :	P7
Client Sample ID :	MYE557	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:36:46	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.93	0.93	0.91	4.14	ppb
Vanadium	51-2	130.84	127.27	129.10	129.07	1.38	ppb
Yttrium	89-1				118		%
Yttrium	89-2				116		%
Zinc	66-2	225.03	223.49	224.30	224.28	0.34	ppb
Zirconium	90-1	8.50	8.88	8.84	8.74	2.44	ppb
Zirconium	91-1	8.49	8.75	8.84	8.69	2.12	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-02	Instrumnet Name :	P7
Client Sample ID :	MYE558	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:39:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48696.13	48972.96	48581.65	48750.24	0.41	ppb
Antimony	121-1	2.16	2.16	2.20	2.17	0.99	ppb
Arsenic	75-2	117.77	117.58	120.01	118.46	1.14	ppb
Barium	135-1	582.66	576.75	579.10	579.50	0.51	ppb
Barium	137-1	571.15	574.20	566.14	570.50	0.71	ppb
Beryllium	9-1	1.86	1.99	1.87	1.91	3.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.56	1.67	1.67	1.63	3.62	ppb
Cadmium	106-1	3.68	3.43	3.57	3.56	3.55	ppb
Cadmium	111-1	0.69	0.63	0.66	0.66	4.46	ppb
Calcium	43-1	18977.46	18369.13	18120.68	18489.09	2.38	ppb
Calcium	44-1	18832.34	18167.21	18082.94	18360.83	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.93	94.96	93.70	94.20	0.71	ppb
Cobalt	59-2	54.82	55.31	54.42	54.85	0.81	ppb
Copper	63-2	135.69	132.19	135.85	134.57	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	111624.41	110662.01	109414.80	110567.07	1.00	ppb
Iron	57-2	108263.21	110305.40	107994.62	108854.41	1.16	ppb
Iron	54-2	109845.01	109338.19	108550.67	109244.63	0.60	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-02	Instrumnet Name :	P7
Client Sample ID :	MYE558	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:39:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.47	31.20	31.17	31.28	0.53	ppb
Lead	207-1	29.44	29.16	29.22	29.27	0.51	ppb
Lead	208-1	30.06	29.92	29.89	29.96	0.31	ppb
Lithium	6-1				88		%
Magnesium	24-2	22359.96	22960.22	22714.80	22678.33	1.33	ppb
Manganese	55-2	2611.37	2618.69	2583.03	2604.36	0.72	ppb
Molybdenum	94-1	28.77	28.16	28.58	28.50	1.09	ppb
Molybdenum	95-1	1.19	1.17	1.15	1.17	1.56	ppb
Molybdenum	96-1	4.81	4.63	4.62	4.68	2.26	ppb
Molybdenum	97-1	1.17	1.14	1.14	1.15	1.49	ppb
Molybdenum	98-1	1.15	1.11	1.13	1.13	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.38	99.02	98.51	98.64	0.34	ppb
Phosphorus	31-2	1895.00	1954.03	1941.07	1930.03	1.61	ppb
Potassium	39-2	6702.65	6851.14	6825.56	6793.12	1.17	ppb
Rhodium	103-1				107		%
Rhodium	103-2				111		%
Scandium	45-1				115		%
Scandium	45-2				121		%
Selenium	82-1	1.03	0.65	0.62	0.77	29.77	ppb
Selenium	77-2	17.58	19.58	19.02	18.73	5.50	ppb
Selenium	78-2	5.38	4.91	5.35	5.21	5.12	ppb
Silicon	28-1	1696.09	1617.56	1618.90	1644.19	2.73	ppb
Silver	107-1	0.14	0.14	0.15	0.15	1.52	ppb
Silver	109-1	0.13	0.13	0.15	0.14	5.10	ppb
Sodium	23-2	325.54	326.21	325.44	325.73	0.13	ppb
Strontium	86-1	2618.40	2555.06	2578.57	2584.01	1.24	ppb
Strontium	88-1	2692.99	2616.74	2626.06	2645.26	1.57	ppb
Sulfur	34-1	-988.30	-1135.65	-1169.19	-1097.71		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.55	0.54	0.56	0.55	2.26	ppb
Thallium	205-1	0.55	0.55	0.55	0.55	0.07	ppb
Tin	118-1	2.44	2.44	2.44	2.44	0.11	ppb
Titanium	47-1	1020.81	975.68	979.02	991.84	2.54	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-02	Instrumnet Name :	P7
Client Sample ID :	MYE558	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:39:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.61	1.60	1.60	1.60	0.62	ppb
Vanadium	51-2	189.19	187.46	187.63	188.09	0.51	ppb
Yttrium	89-1				119		%
Yttrium	89-2				123		%
Zinc	66-2	197.80	200.33	200.06	199.40	0.70	ppb
Zirconium	90-1	15.89	15.63	15.63	15.72	0.95	ppb
Zirconium	91-1	15.99	15.54	15.51	15.68	1.73	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-03	Instrumnet Name :	P7
Client Sample ID :	MYE559	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:42:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42973.16	42819.96	41534.10	42442.41	1.86	ppb
Antimony	121-1	1.22	1.26	1.26	1.24	1.76	ppb
Arsenic	75-2	132.80	132.18	131.23	132.07	0.60	ppb
Barium	135-1	483.46	489.22	483.61	485.43	0.68	ppb
Barium	137-1	470.42	476.11	485.84	477.45	1.63	ppb
Beryllium	9-1	1.54	1.68	1.66	1.63	4.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	2.46	2.29	2.33	4.79	ppb
Cadmium	106-1	3.76	4.03	3.58	3.79	5.89	ppb
Cadmium	111-1	1.09	1.20	1.12	1.14	4.97	ppb
Calcium	43-1	11919.79	12217.72	12387.79	12175.10	1.95	ppb
Calcium	44-1	11688.86	11852.53	12010.83	11850.74	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.19	90.10	89.87	90.72	1.41	ppb
Cobalt	59-2	48.95	47.64	47.40	48.00	1.74	ppb
Copper	63-2	170.97	167.20	164.29	167.49	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	95571.07	94074.39	93197.97	94281.15	1.27	ppb
Iron	57-2	94036.64	91686.61	90684.92	92136.06	1.87	ppb
Iron	54-2	94849.73	92547.18	92867.97	93421.63	1.33	ppb
Krypton	83-1						cps

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-03	Instrumnet Name :	P7
Client Sample ID :	MYE559	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:42:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.45	49.25	48.68	48.46	1.89	ppb
Lead	207-1	46.46	47.54	47.62	47.21	1.38	ppb
Lead	208-1	46.59	47.98	47.71	47.43	1.55	ppb
Lithium	6-1				86		%
Magnesium	24-2	19729.62	19415.45	18988.92	19377.99	1.92	ppb
Manganese	55-2	2148.44	2118.66	2124.24	2130.45	0.74	ppb
Molybdenum	94-1	32.30	32.75	32.99	32.68	1.07	ppb
Molybdenum	95-1	0.83	0.86	0.82	0.83	2.31	ppb
Molybdenum	96-1	4.67	4.68	4.71	4.69	0.43	ppb
Molybdenum	97-1	0.82	0.80	0.81	0.81	0.86	ppb
Molybdenum	98-1	0.80	0.80	0.83	0.81	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.86	101.77	101.13	102.25	1.40	ppb
Phosphorus	31-2	2061.09	2030.19	2013.74	2035.00	1.18	ppb
Potassium	39-2	8517.45	8587.97	8425.97	8510.46	0.95	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	82-1	1.06	0.44	0.44	0.64	55.64	ppb
Selenium	77-2	18.63	17.44	18.46	18.18	3.54	ppb
Selenium	78-2	4.70	4.81	5.10	4.87	4.26	ppb
Silicon	28-1	2184.99	2270.13	2287.46	2247.53	2.44	ppb
Silver	107-1	0.28	0.29	0.29	0.29	2.69	ppb
Silver	109-1	0.27	0.29	0.28	0.28	2.44	ppb
Sodium	23-2	139.46	135.48	134.66	136.53	1.88	ppb
Strontium	86-1	2201.91	2220.67	2247.14	2223.24	1.02	ppb
Strontium	88-1	2260.46	2276.25	2272.24	2269.65	0.36	ppb
Sulfur	34-1	-981.29	-1003.59	-984.36	-989.75		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.49	0.52	0.52	0.51	3.64	ppb
Thallium	205-1	0.49	0.51	0.51	0.50	2.21	ppb
Tin	118-1	2.55	2.58	2.67	2.60	2.35	ppb
Titanium	47-1	930.67	945.79	956.22	944.23	1.36	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-03	Instrumnet Name :	P7
Client Sample ID :	MYE559	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:42:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.23	1.23	1.21	2.10	ppb
Vanadium	51-2	176.59	173.20	175.97	175.25	1.03	ppb
Yttrium	89-1				120		%
Yttrium	89-2				117		%
Zinc	66-2	240.51	236.35	234.94	237.27	1.22	ppb
Zirconium	90-1	17.94	18.13	18.40	18.16	1.28	ppb
Zirconium	91-1	17.92	18.12	18.28	18.11	1.01	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-04	Instrumnet Name :	P7
Client Sample ID :	MYE560	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:45:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28717.58	29458.00	28922.75	29032.77	1.32	ppb
Antimony	121-1	1.41	1.50	1.47	1.46	3.20	ppb
Arsenic	75-2	86.37	87.70	86.49	86.86	0.85	ppb
Barium	135-1	405.68	419.15	415.94	413.59	1.70	ppb
Barium	137-1	400.30	419.82	408.39	409.50	2.39	ppb
Beryllium	9-1	1.23	1.23	1.14	1.20	4.30	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.23	1.99	2.22	2.15	6.30	ppb
Cadmium	106-1	3.52	3.61	2.46	3.20	19.98	ppb
Cadmium	111-1	1.51	1.61	1.49	1.54	4.17	ppb
Calcium	43-1	6647.59	6888.61	6969.60	6835.26	2.45	ppb
Calcium	44-1	6523.46	6665.14	6821.48	6670.03	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70.04	70.84	69.46	70.11	0.99	ppb
Cobalt	59-2	41.60	42.20	41.49	41.76	0.91	ppb
Copper	63-2	190.29	194.90	189.24	191.48	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				112		%
Iron	56-2	73122.57	74136.77	73710.42	73656.59	0.69	ppb
Iron	57-2	71300.44	73279.65	71945.94	72175.34	1.40	ppb
Iron	54-2	71315.01	73101.28	72365.22	72260.50	1.24	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-04	Instrumnet Name :	P7
Client Sample ID :	MYE560	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:45:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	62.69	63.91	65.30	63.96	2.04	ppb
Lead	207-1	60.64	61.14	64.89	62.22	3.73	ppb
Lead	208-1	60.98	62.08	64.24	62.43	2.66	ppb
Lithium	6-1				88		%
Magnesium	24-2	15548.30	15452.84	15322.01	15441.05	0.74	ppb
Manganese	55-2	1876.04	1929.41	1913.46	1906.30	1.44	ppb
Molybdenum	94-1	20.10	21.04	21.14	20.76	2.75	ppb
Molybdenum	95-1	0.78	0.76	0.78	0.77	1.70	ppb
Molybdenum	96-1	3.23	3.34	3.40	3.32	2.53	ppb
Molybdenum	97-1	0.73	0.79	0.79	0.77	4.77	ppb
Molybdenum	98-1	0.72	0.76	0.77	0.75	3.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.36	81.29	80.57	80.74	0.60	ppb
Phosphorus	31-2	1557.88	1563.69	1593.94	1571.84	1.23	ppb
Potassium	39-2	5927.98	6053.88	5927.31	5969.72	1.22	ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				120		%
Selenium	82-1	0.63	0.62	0.78	0.67	13.33	ppb
Selenium	77-2	15.46	16.33	14.66	15.48	5.38	ppb
Selenium	78-2	3.43	4.23	3.99	3.88	10.62	ppb
Silicon	28-1	2168.79	2249.59	2243.11	2220.50	2.02	ppb
Silver	107-1	0.36	0.39	0.39	0.38	4.24	ppb
Silver	109-1	0.36	0.38	0.39	0.38	3.84	ppb
Sodium	23-2	116.36	118.15	115.40	116.64	1.20	ppb
Strontium	86-1	1302.27	1358.59	1369.84	1343.57	2.69	ppb
Strontium	88-1	1337.29	1379.34	1393.36	1370.00	2.13	ppb
Sulfur	34-1	-1301.46	-1351.51	-1345.24	-1332.73		ppb
Terbium	159-1				112		%
Terbium	159-2				113		%
Thallium	203-1	0.49	0.49	0.50	0.49	1.16	ppb
Thallium	205-1	0.47	0.49	0.48	0.48	2.09	ppb
Tin	118-1	2.25	2.36	2.39	2.33	3.12	ppb
Titanium	47-1	794.93	816.16	832.25	814.45	2.30	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-04	Instrumnet Name :	P7
Client Sample ID :	MYE560	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:45:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.95	0.99	0.97	2.26	ppb
Vanadium	51-2	138.64	139.11	135.13	137.63	1.58	ppb
Yttrium	89-1				121		%
Yttrium	89-2				119		%
Zinc	66-2	214.03	216.33	210.18	213.51	1.45	ppb
Zirconium	90-1	11.26	11.74	11.77	11.59	2.46	ppb
Zirconium	91-1	11.24	11.83	11.71	11.59	2.68	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-05	Instrumnet Name :	P7
Client Sample ID :	MYE561	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:48:54	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56488.88	58008.04	56987.16	57161.36	1.35	ppb
Antimony	121-1	1.43	1.44	1.45	1.44	0.82	ppb
Arsenic	75-2	225.65	224.06	223.58	224.43	0.48	ppb
Barium	135-1	412.13	405.34	407.68	408.38	0.84	ppb
Barium	137-1	411.41	395.79	404.57	403.92	1.94	ppb
Beryllium	9-1	1.10	1.07	1.12	1.09	2.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.31	1.19	1.19	1.23	5.44	ppb
Cadmium	106-1	3.41	2.26	2.51	2.73	22.25	ppb
Cadmium	111-1	0.57	0.51	0.49	0.52	7.52	ppb
Calcium	43-1	156229.61	150298.53	150566.78	152364.97	2.20	ppb
Calcium	44-1	154091.11	151344.01	150271.93	151902.35	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	748.62	762.25	752.72	754.53	0.93	ppb
Cobalt	59-2	124.04	127.98	126.22	126.08	1.57	ppb
Copper	63-2	228.34	236.37	232.99	232.57	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	168130.28	170686.61	169582.61	169466.50	0.76	ppb
Iron	57-2	167304.27	170283.80	168269.80	168619.29	0.90	ppb
Iron	54-2	165673.18	168902.14	167527.33	167367.55	0.97	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-05	Instrumnet Name :	P7
Client Sample ID :	MYE561	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:48:54	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.57	17.92	17.71	18.07	2.50	ppb
Lead	207-1	17.56	17.29	17.03	17.29	1.51	ppb
Lead	208-1	17.84	17.32	17.14	17.43	2.08	ppb
Lithium	6-1				83		%
Magnesium	24-2	57824.70	58684.42	58726.41	58411.84	0.87	ppb
Manganese	55-2	5572.09	5669.15	5627.10	5622.78	0.87	ppb
Molybdenum	94-1	9.95	9.88	10.17	10.00	1.52	ppb
Molybdenum	95-1	1.60	1.54	1.64	1.59	3.45	ppb
Molybdenum	96-1	3.43	3.39	3.49	3.44	1.54	ppb
Molybdenum	97-1	1.55	1.54	1.58	1.56	1.27	ppb
Molybdenum	98-1	1.51	1.51	1.53	1.52	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.18	541.62	543.51	538.10	1.45	ppb
Phosphorus	31-2	1286.90	1306.35	1285.03	1292.76	0.91	ppb
Potassium	39-2	1813.48	1829.43	1802.74	1815.22	0.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				122		%
Scandium	45-2				125		%
Selenium	82-1	0.82	0.35	0.54	0.57	41.34	ppb
Selenium	77-2	15.24	14.30	12.63	14.06	9.42	ppb
Selenium	78-2	2.87	2.68	2.42	2.66	8.57	ppb
Silicon	28-1	1843.71	1790.92	1796.83	1810.49	1.60	ppb
Silver	107-1	0.07	0.06	0.06	0.06	3.02	ppb
Silver	109-1	0.06	0.06	0.07	0.06	5.12	ppb
Sodium	23-2	408.13	417.30	409.28	411.57	1.21	ppb
Strontium	86-1	3766.83	3758.23	3934.93	3820.00	2.61	ppb
Strontium	88-1	3830.39	3857.21	3915.21	3867.60	1.12	ppb
Sulfur	34-1	-843.55	-1019.00	-1029.35	-963.97		ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.25	0.25	0.26	0.25	1.39	ppb
Thallium	205-1	0.26	0.25	0.25	0.25	2.43	ppb
Tin	118-1	2.15	2.06	2.15	2.12	2.46	ppb
Titanium	47-1	1513.35	1468.34	1476.89	1486.19	1.61	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-05	Instrumnet Name :	P7
Client Sample ID :	MYE561	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:48:54	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.76	0.76	0.77	1.96	ppb
Vanadium	51-2	420.68	431.40	419.06	423.71	1.58	ppb
Yttrium	89-1				121		%
Yttrium	89-2				121		%
Zinc	66-2	277.29	280.21	279.08	278.86	0.53	ppb
Zirconium	90-1	4.93	4.84	5.03	4.93	1.90	ppb
Zirconium	91-1	4.99	4.94	5.06	5.00	1.26	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-06	Instrumnet Name :	P7
Client Sample ID :	MYE562	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:51:53	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36320.65	35738.78	36092.66	36050.70	0.81	ppb
Antimony	121-1	1.22	1.29	1.32	1.28	3.84	ppb
Arsenic	75-2	83.79	84.11	84.13	84.01	0.23	ppb
Barium	135-1	477.38	496.63	503.71	492.57	2.77	ppb
Barium	137-1	469.57	491.19	498.53	486.43	3.09	ppb
Beryllium	9-1	1.27	1.39	1.53	1.40	9.33	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.56	1.55	1.54	1.55	0.47	ppb
Cadmium	106-1	3.00	2.79	2.96	2.92	3.83	ppb
Cadmium	111-1	0.69	0.72	0.75	0.72	3.75	ppb
Calcium	43-1	7388.54	8015.49	7831.54	7745.19	4.16	ppb
Calcium	44-1	7274.03	7743.43	7587.98	7535.15	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77.02	75.39	77.00	76.47	1.22	ppb
Cobalt	59-2	44.82	43.87	45.45	44.71	1.78	ppb
Copper	63-2	123.80	120.82	124.04	122.89	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				116		%
Indium	115-2				111		%
Iron	56-2	83165.03	81349.88	83728.51	82747.81	1.50	ppb
Iron	57-2	80276.48	79298.67	80743.24	80106.13	0.92	ppb
Iron	54-2	81626.27	79202.00	81979.03	80935.77	1.87	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-06	Instrumnet Name :	P7
Client Sample ID :	MYE562	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:51:53	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.92	30.62	30.43	29.66	5.09	ppb
Lead	207-1	26.40	28.09	28.34	27.61	3.82	ppb
Lead	208-1	26.86	29.36	29.28	28.50	4.99	ppb
Lithium	6-1				84		%
Magnesium	24-2	17367.99	17027.94	17762.40	17386.11	2.11	ppb
Manganese	55-2	2034.43	1970.65	2039.20	2014.76	1.90	ppb
Molybdenum	94-1	24.14	25.18	24.53	24.61	2.13	ppb
Molybdenum	95-1	0.79	0.84	0.82	0.81	2.99	ppb
Molybdenum	96-1	3.74	3.92	3.84	3.84	2.30	ppb
Molybdenum	97-1	0.79	0.85	0.81	0.82	3.66	ppb
Molybdenum	98-1	0.79	0.84	0.83	0.82	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.85	82.64	84.15	83.88	1.35	ppb
Phosphorus	31-2	1602.96	1589.98	1559.01	1583.98	1.43	ppb
Potassium	39-2	7001.28	6831.39	6990.94	6941.20	1.37	ppb
Rhodium	103-1				113		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				119		%
Selenium	82-1	0.73	0.69	0.26	0.56	47.06	ppb
Selenium	77-2	18.20	18.52	16.05	17.59	7.64	ppb
Selenium	78-2	4.28	3.68	4.21	4.06	8.07	ppb
Silicon	28-1	2002.98	2108.02	2081.44	2064.15	2.65	ppb
Silver	107-1	0.15	0.17	0.16	0.16	4.54	ppb
Silver	109-1	0.14	0.15	0.16	0.15	5.33	ppb
Sodium	23-2	122.45	118.86	123.25	121.52	1.93	ppb
Strontium	86-1	1538.51	1600.17	1572.08	1570.25	1.97	ppb
Strontium	88-1	1532.52	1633.03	1598.52	1588.02	3.22	ppb
Sulfur	34-1	-976.95	-1128.14	-1249.60	-1118.23		ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.39	0.41	0.41	0.40	2.78	ppb
Thallium	205-1	0.38	0.40	0.39	0.39	3.13	ppb
Tin	118-1	2.27	2.39	2.39	2.35	3.17	ppb
Titanium	47-1	866.12	924.18	912.97	901.09	3.42	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-06	Instrumnet Name :	P7
Client Sample ID :	MYE562	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:51:53	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.10	1.12	1.09	3.50	ppb
Vanadium	51-2	148.24	145.80	148.98	147.68	1.13	ppb
Yttrium	89-1				121		%
Yttrium	89-2				119		%
Zinc	66-2	159.34	155.47	160.01	158.27	1.55	ppb
Zirconium	90-1	13.44	14.13	13.75	13.78	2.53	ppb
Zirconium	91-1	13.30	13.84	13.74	13.63	2.09	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-07	Instrumnet Name :	P7
Client Sample ID :	MYE582	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:54:54	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28545.71	27487.06	27411.97	27814.91	2.28	ppb
Antimony	121-1	0.69	0.67	0.69	0.68	2.25	ppb
Arsenic	75-2	47.11	47.17	47.40	47.23	0.33	ppb
Barium	135-1	284.53	280.62	283.78	282.98	0.73	ppb
Barium	137-1	284.36	278.22	276.45	279.68	1.49	ppb
Beryllium	9-1	1.31	1.26	1.27	1.28	2.10	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.90	1.98	1.82	1.90	4.07	ppb
Cadmium	106-1	4.03	3.25	3.00	3.43	15.71	ppb
Cadmium	111-1	1.17	1.07	1.05	1.10	5.65	ppb
Calcium	43-1	75937.01	75703.44	75457.39	75699.28	0.32	ppb
Calcium	44-1	75285.88	75490.45	75506.83	75427.72	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.79	58.52	59.30	59.87	2.86	ppb
Cobalt	59-2	25.66	24.42	24.53	24.87	2.75	ppb
Copper	63-2	107.36	101.75	103.38	104.16	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	49298.38	46177.39	46641.62	47372.46	3.55	ppb
Iron	57-2	48112.48	46040.89	46495.34	46882.90	2.32	ppb
Iron	54-2	47806.21	45654.23	46410.96	46623.80	2.34	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-07	Instrumnet Name :	P7
Client Sample ID :	MYE582	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:54:54	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.40	43.65	44.10	43.38	2.03	ppb
Lead	207-1	40.87	40.99	42.18	41.34	1.75	ppb
Lead	208-1	41.20	41.94	42.98	42.04	2.13	ppb
Lithium	6-1				87		%
Magnesium	24-2	13577.31	13145.99	13115.62	13279.64	1.94	ppb
Manganese	55-2	1273.59	1218.83	1225.11	1239.18	2.42	ppb
Molybdenum	94-1	24.99	24.95	25.28	25.07	0.72	ppb
Molybdenum	95-1	0.85	0.86	0.86	0.86	1.07	ppb
Molybdenum	96-1	3.65	3.69	3.61	3.65	1.16	ppb
Molybdenum	97-1	0.88	0.84	0.83	0.85	3.33	ppb
Molybdenum	98-1	0.83	0.84	0.83	0.83	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.90	87.20	88.41	88.84	2.12	ppb
Phosphorus	31-2	2104.61	1942.23	1991.99	2012.94	4.13	ppb
Potassium	39-2	6945.04	6583.07	6726.37	6751.49	2.70	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	82-1	0.66	0.63	0.21	0.50	50.50	ppb
Selenium	77-2	11.71	11.12	11.15	11.33	2.93	ppb
Selenium	78-2	3.91	2.34	2.45	2.90	30.13	ppb
Silicon	28-1	2131.65	2046.38	2095.21	2091.08	2.05	ppb
Silver	107-1	0.27	0.27	0.27	0.27	0.90	ppb
Silver	109-1	0.27	0.28	0.29	0.28	2.61	ppb
Sodium	23-2	304.11	286.66	289.41	293.39	3.20	ppb
Strontium	86-1	2216.81	2231.16	2234.72	2227.56	0.43	ppb
Strontium	88-1	2275.72	2291.53	2249.84	2272.36	0.93	ppb
Sulfur	34-1	256.03	172.01	183.36	203.80	22.37	ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.34	0.34	0.36	0.35	3.59	ppb
Thallium	205-1	0.33	0.34	0.34	0.34	1.45	ppb
Tin	118-1	2.58	2.57	2.61	2.59	0.89	ppb
Titanium	47-1	902.43	880.08	902.96	895.16	1.46	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-07	Instrumnet Name :	P7
Client Sample ID :	MYE582	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:54:54	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.10	1.13	1.10	1.93	ppb
Vanadium	51-2	90.51	85.79	86.64	87.64	2.87	ppb
Yttrium	89-1				120		%
Yttrium	89-2				116		%
Zinc	66-2	213.53	203.13	207.23	207.96	2.52	ppb
Zirconium	90-1	13.89	13.83	13.86	13.86	0.23	ppb
Zirconium	91-1	13.92	13.99	13.98	13.96	0.29	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-08	Instrumnet Name :	P7
Client Sample ID :	MYE583	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:57:58	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51603.08	52065.91	51198.11	51622.37	0.84	ppb
Antimony	121-1	1.95	2.02	2.03	2.00	2.14	ppb
Arsenic	75-2	182.92	186.11	182.83	183.96	1.01	ppb
Barium	135-1	738.04	748.19	772.28	752.84	2.34	ppb
Barium	137-1	738.34	743.81	761.15	747.77	1.59	ppb
Beryllium	9-1	1.65	1.76	1.70	1.70	3.11	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.30	2.70	2.70	2.57	8.99	ppb
Cadmium	106-1	3.78	3.99	3.72	3.83	3.81	ppb
Cadmium	111-1	1.57	1.59	1.64	1.60	2.30	ppb
Calcium	43-1	14622.28	15335.10	15556.44	15171.27	3.22	ppb
Calcium	44-1	14343.34	15009.52	15337.93	14896.93	3.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156.13	162.55	159.00	159.23	2.02	ppb
Cobalt	59-2	78.65	76.89	75.69	77.08	1.93	ppb
Copper	63-2	255.28	255.06	247.91	252.75	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	144354.53	145507.13	141450.03	143770.56	1.45	ppb
Iron	57-2	144824.60	143239.40	141949.76	143337.92	1.00	ppb
Iron	54-2	141045.47	143450.29	140432.21	141642.66	1.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-08	Instrumnet Name :	P7
Client Sample ID :	MYE583	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:57:58	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	62.68	66.74	66.06	65.16	3.34	ppb
Lead	207-1	62.16	65.50	64.54	64.07	2.69	ppb
Lead	208-1	61.84	64.03	65.08	63.65	2.59	ppb
Lithium	6-1				88		%
Magnesium	24-2	29184.28	29625.14	29141.37	29316.93	0.91	ppb
Manganese	55-2	5341.70	5435.06	5342.01	5372.92	1.00	ppb
Molybdenum	94-1	27.81	28.56	28.71	28.36	1.69	ppb
Molybdenum	95-1	1.72	1.74	1.78	1.75	1.78	ppb
Molybdenum	96-1	5.17	5.33	5.44	5.31	2.60	ppb
Molybdenum	97-1	1.69	1.68	1.71	1.70	0.95	ppb
Molybdenum	98-1	1.61	1.69	1.67	1.66	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	145.00	147.22	143.68	145.30	1.23	ppb
Phosphorus	31-2	2465.60	2408.27	2427.99	2433.95	1.20	ppb
Potassium	39-2	11334.15	11118.34	11206.84	11219.78	0.97	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				118		%
Scandium	45-2				118		%
Selenium	82-1	0.84	0.98	1.05	0.96	10.99	ppb
Selenium	77-2	15.69	19.07	17.78	17.51	9.73	ppb
Selenium	78-2	4.50	5.02	3.30	4.27	20.66	ppb
Silicon	28-1	1677.73	1717.59	1728.13	1707.82	1.56	ppb
Silver	107-1	0.37	0.39	0.40	0.39	3.75	ppb
Silver	109-1	0.36	0.39	0.39	0.38	3.93	ppb
Sodium	23-2	143.08	145.15	142.24	143.49	1.04	ppb
Strontium	86-1	1972.86	2003.79	2027.51	2001.39	1.37	ppb
Strontium	88-1	1985.29	2062.78	2064.75	2037.60	2.22	ppb
Sulfur	34-1	-844.47	-952.32	-921.77	-906.18		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.43	0.44	0.42	0.43	2.05	ppb
Thallium	205-1	0.43	0.44	0.44	0.43	1.29	ppb
Tin	118-1	2.81	2.92	2.94	2.89	2.51	ppb
Titanium	47-1	1041.08	1098.29	1109.47	1082.95	3.39	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-08	Instrumnet Name :	P7
Client Sample ID :	MYE583	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:57:58	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	1.02	1.01	0.99	2.97	ppb
Vanadium	51-2	275.61	284.97	276.36	278.98	1.87	ppb
Yttrium	89-1				122		%
Yttrium	89-2				118		%
Zinc	66-2	298.16	296.52	293.61	296.10	0.78	ppb
Zirconium	90-1	15.07	15.55	15.67	15.43	2.08	ppb
Zirconium	91-1	14.86	15.54	15.69	15.36	2.89	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-09	Instrumnet Name :	P7
Client Sample ID :	MYE584	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:00:57	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36647.67	36631.45	35736.24	36338.45	1.44	ppb
Antimony	121-1	1.16	1.22	1.25	1.21	3.84	ppb
Arsenic	75-2	103.74	105.78	104.87	104.80	0.97	ppb
Barium	135-1	374.58	384.79	403.29	387.56	3.75	ppb
Barium	137-1	367.97	385.87	399.08	384.31	4.06	ppb
Beryllium	9-1	1.19	1.20	1.29	1.23	4.54	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.07	2.31	2.15	2.18	5.80	ppb
Cadmium	106-1	2.48	2.40	2.36	2.41	2.58	ppb
Cadmium	111-1	1.48	1.49	1.52	1.50	1.54	ppb
Calcium	43-1	16435.77	17152.11	17155.06	16914.31	2.45	ppb
Calcium	44-1	16454.28	17076.82	17018.07	16849.73	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.71	92.93	92.52	93.05	0.65	ppb
Cobalt	59-2	43.80	43.64	43.56	43.67	0.28	ppb
Copper	63-2	142.05	143.65	141.39	142.36	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	87075.64	86546.12	86359.85	86660.54	0.43	ppb
Iron	57-2	84316.49	85001.85	85026.75	84781.70	0.48	ppb
Iron	54-2	84717.25	85692.97	84833.53	85081.25	0.63	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-09	Instrumnet Name :	P7
Client Sample ID :	MYE584	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:00:57	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.11	38.20	38.55	37.62	3.51	ppb
Lead	207-1	35.22	37.10	37.26	36.53	3.11	ppb
Lead	208-1	35.35	37.27	37.52	36.71	3.24	ppb
Lithium	6-1				88		%
Magnesium	24-2	18856.33	18968.11	18778.63	18867.69	0.50	ppb
Manganese	55-2	2274.38	2291.26	2263.23	2276.29	0.62	ppb
Molybdenum	94-1	18.99	20.06	19.93	19.66	2.95	ppb
Molybdenum	95-1	0.93	0.93	0.95	0.93	1.35	ppb
Molybdenum	96-1	3.32	3.45	3.45	3.41	2.13	ppb
Molybdenum	97-1	0.90	0.93	0.95	0.93	2.69	ppb
Molybdenum	98-1	0.89	0.92	0.92	0.91	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.66	87.16	87.64	87.49	0.33	ppb
Phosphorus	31-2	2033.04	1993.75	1995.79	2007.53	1.10	ppb
Potassium	39-2	8331.03	8297.00	8230.67	8286.23	0.62	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				119		%
Selenium	82-1	0.68	0.41	0.35	0.48	36.67	ppb
Selenium	77-2	12.57	13.93	14.09	13.53	6.18	ppb
Selenium	78-2	2.36	3.10	3.00	2.82	14.18	ppb
Silicon	28-1	1795.27	1884.07	1866.34	1848.56	2.54	ppb
Silver	107-1	0.30	0.31	0.31	0.31	3.25	ppb
Silver	109-1	0.30	0.31	0.31	0.31	3.04	ppb
Sodium	23-2	197.38	195.19	196.10	196.23	0.56	ppb
Strontium	86-1	1400.26	1439.78	1452.03	1430.69	1.89	ppb
Strontium	88-1	1412.59	1469.10	1487.63	1456.44	2.68	ppb
Sulfur	34-1	-908.15	-913.08	-918.41	-913.21		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.30	0.32	0.31	0.31	3.70	ppb
Thallium	205-1	0.30	0.32	0.31	0.31	2.96	ppb
Tin	118-1	2.42	2.57	2.53	2.51	3.22	ppb
Titanium	47-1	924.24	967.59	960.05	950.63	2.44	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-09	Instrumnet Name :	P7
Client Sample ID :	MYE584	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:00:57	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.80	0.82	0.80	3.17	ppb
Vanadium	51-2	170.35	169.54	166.76	168.88	1.11	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	202.74	201.93	201.62	202.10	0.29	ppb
Zirconium	90-1	10.44	10.91	10.91	10.75	2.51	ppb
Zirconium	91-1	10.49	11.00	10.99	10.83	2.72	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-10	Instrumnet Name :	P7
Client Sample ID :	MYE585	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:04:00	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34246.76	34839.54	33567.46	34217.92	1.86	ppb
Antimony	121-1	2.47	2.71	2.76	2.64	5.88	ppb
Arsenic	75-2	185.57	186.12	185.45	185.71	0.19	ppb
Barium	135-1	512.41	572.09	580.80	555.10	6.71	ppb
Barium	137-1	506.88	561.68	573.66	547.41	6.50	ppb
Beryllium	9-1	1.17	1.24	1.33	1.25	6.49	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.48	1.40	1.49	1.46	3.64	ppb
Cadmium	106-1	1.33	2.42	1.81	1.85	29.63	ppb
Cadmium	111-1	0.49	0.67	0.59	0.59	15.61	ppb
Calcium	43-1	15640.53	17446.24	18032.79	17039.86	7.32	ppb
Calcium	44-1	15735.22	17711.06	17975.17	17140.48	7.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.05	103.43	100.34	101.94	1.52	ppb
Cobalt	59-2	60.16	61.12	59.76	60.35	1.16	ppb
Copper	63-2	135.27	135.93	131.19	134.13	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				116		%
Indium	115-2				108		%
Iron	56-2	131877.09	134744.72	131453.07	132691.62	1.35	ppb
Iron	57-2	129769.18	132771.88	128527.20	130356.09	1.67	ppb
Iron	54-2	131214.98	132753.14	128590.68	130852.93	1.61	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-10	Instrumnet Name :	P7
Client Sample ID :	MYE585	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:04:00	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.62	64.56	66.63	62.94	7.50	ppb
Lead	207-1	52.11	58.06	60.04	56.74	7.28	ppb
Lead	208-1	54.23	60.18	62.10	58.84	6.98	ppb
Lithium	6-1				88		%
Magnesium	24-2	21098.53	21290.98	20726.07	21038.53	1.37	ppb
Manganese	55-2	5057.14	5197.22	5034.64	5096.33	1.73	ppb
Molybdenum	94-1	22.19	25.02	25.67	24.29	7.61	ppb
Molybdenum	95-1	1.40	1.57	1.58	1.52	6.63	ppb
Molybdenum	96-1	4.17	4.74	4.89	4.60	8.29	ppb
Molybdenum	97-1	1.36	1.55	1.55	1.49	7.45	ppb
Molybdenum	98-1	1.31	1.49	1.53	1.45	8.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.05	103.18	99.96	101.73	1.60	ppb
Phosphorus	31-2	1520.00	1512.31	1498.81	1510.37	0.71	ppb
Potassium	39-2	4589.81	4607.96	4557.35	4585.04	0.56	ppb
Rhodium	103-1				114		%
Rhodium	103-2				111		%
Scandium	45-1				117		%
Scandium	45-2				118		%
Selenium	82-1	0.72	0.50	0.41	0.54	29.88	ppb
Selenium	77-2	14.93	15.47	13.30	14.57	7.76	ppb
Selenium	78-2	2.57	3.06	3.07	2.90	9.78	ppb
Silicon	28-1	1454.19	1615.04	1662.78	1577.34	6.93	ppb
Silver	107-1	0.09	0.09	0.09	0.09	0.69	ppb
Silver	109-1	0.08	0.09	0.09	0.09	9.47	ppb
Sodium	23-2	116.12	116.37	112.90	115.13	1.68	ppb
Strontium	86-1	1248.14	1416.32	1445.65	1370.04	7.78	ppb
Strontium	88-1	1271.83	1437.55	1444.50	1384.63	7.06	ppb
Sulfur	34-1	-1459.93	-1300.88	-1293.29	-1351.36		ppb
Terbium	159-1				117		%
Terbium	159-2				111		%
Thallium	203-1	0.31	0.35	0.37	0.34	8.89	ppb
Thallium	205-1	0.32	0.35	0.36	0.35	6.91	ppb
Tin	118-1	1.65	1.85	1.88	1.79	7.14	ppb
Titanium	47-1	684.24	767.31	784.20	745.25	7.18	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-10	Instrumnet Name :	P7
Client Sample ID :	MYE585	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:04:00	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.81	0.84	0.79	8.81	ppb
Vanadium	51-2	268.63	271.36	264.00	268.00	1.39	ppb
Yttrium	89-1				124		%
Yttrium	89-2				118		%
Zinc	66-2	191.35	196.15	189.84	192.45	1.71	ppb
Zirconium	90-1	11.85	13.50	13.86	13.07	8.17	ppb
Zirconium	91-1	12.00	13.58	13.86	13.15	7.64	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:07:00	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40353.59	41252.43	41185.64	40930.55	1.22	ppb
Antimony	121-1	2.21	2.23	2.27	2.24	1.56	ppb
Arsenic	75-2	161.84	162.38	162.61	162.28	0.24	ppb
Barium	135-1	657.85	672.80	654.30	661.65	1.48	ppb
Barium	137-1	652.39	664.09	656.82	657.77	0.90	ppb
Beryllium	9-1	1.40	1.33	1.42	1.38	3.30	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.06	2.33	2.14	2.18	6.25	ppb
Cadmium	106-1	3.02	2.66	2.46	2.71	10.45	ppb
Cadmium	111-1	1.40	1.33	1.38	1.37	2.40	ppb
Calcium	43-1	12252.96	12305.95	12633.24	12397.38	1.66	ppb
Calcium	44-1	11956.27	12152.56	12332.80	12147.21	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.76	131.31	132.34	131.47	0.61	ppb
Cobalt	59-2	70.19	71.59	71.43	71.07	1.08	ppb
Copper	63-2	198.25	203.07	204.08	201.80	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	132320.03	136320.60	136338.76	134993.13	1.71	ppb
Iron	57-2	129762.27	132922.77	133061.98	131915.67	1.41	ppb
Iron	54-2	130209.82	134081.60	132937.14	132409.52	1.50	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:07:00	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.25	57.02	58.21	57.49	1.10	ppb
Lead	207-1	55.88	56.40	57.23	56.50	1.20	ppb
Lead	208-1	56.50	56.70	57.12	56.77	0.56	ppb
Lithium	6-1				88		%
Magnesium	24-2	24877.54	24926.99	25411.48	25072.00	1.18	ppb
Manganese	55-2	5745.69	5899.84	5836.03	5827.19	1.33	ppb
Molybdenum	94-1	21.35	21.38	21.78	21.50	1.11	ppb
Molybdenum	95-1	1.54	1.56	1.61	1.57	2.10	ppb
Molybdenum	96-1	4.44	4.35	4.33	4.37	1.30	ppb
Molybdenum	97-1	1.52	1.55	1.54	1.54	0.83	ppb
Molybdenum	98-1	1.48	1.48	1.51	1.49	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.95	121.96	121.06	120.66	1.28	ppb
Phosphorus	31-2	2114.50	2158.52	2095.67	2122.90	1.52	ppb
Potassium	39-2	9430.69	9596.80	9448.32	9491.94	0.96	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	82-1	0.78	1.18	1.04	1.00	20.01	ppb
Selenium	77-2	16.45	16.35	16.04	16.28	1.33	ppb
Selenium	78-2	3.11	2.69	3.56	3.12	13.99	ppb
Silicon	28-1	1689.13	1691.97	1714.41	1698.50	0.82	ppb
Silver	107-1	0.33	0.34	0.35	0.34	2.47	ppb
Silver	109-1	0.34	0.37	0.34	0.35	4.45	ppb
Sodium	23-2	120.99	125.46	123.35	123.26	1.81	ppb
Strontium	86-1	1801.11	1803.36	1815.30	1806.59	0.42	ppb
Strontium	88-1	1842.90	1844.14	1842.76	1843.27	0.04	ppb
Sulfur	34-1	-964.11	-995.03	-945.06	-968.06		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.39	0.39	0.38	0.39	1.24	ppb
Thallium	205-1	0.38	0.38	0.37	0.38	1.70	ppb
Tin	118-1	2.24	2.28	2.30	2.27	1.38	ppb
Titanium	47-1	865.09	866.73	887.85	873.23	1.45	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:07:00	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.83	0.84	0.84	0.78	ppb
Vanadium	51-2	267.79	270.92	267.11	268.61	0.76	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	247.14	252.83	251.05	250.34	1.16	ppb
Zirconium	90-1	11.47	11.63	11.63	11.57	0.81	ppb
Zirconium	91-1	11.62	11.70	11.73	11.68	0.49	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40557.67	41577.53	41013.23	41049.47	1.24	ppb
Antimony	121-1	1.88	2.01	2.07	1.99	4.71	ppb
Arsenic	75-2	158.57	161.22	156.22	158.67	1.58	ppb
Barium	135-1	574.11	615.48	626.04	605.21	4.53	ppb
Barium	137-1	570.92	612.84	621.16	601.64	4.48	ppb
Beryllium	9-1	1.26	1.34	1.42	1.34	6.04	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.98	1.97	1.85	11.90	ppb
Cadmium	106-1	2.65	2.43	1.98	2.36	14.47	ppb
Cadmium	111-1	1.21	1.31	1.24	1.25	3.99	ppb
Calcium	43-1	11708.94	12512.24	12915.33	12378.84	4.96	ppb
Calcium	44-1	11321.29	12343.38	12549.76	12071.47	5.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.32	129.30	128.60	128.74	0.39	ppb
Cobalt	59-2	69.18	69.84	69.99	69.67	0.62	ppb
Copper	63-2	200.48	205.14	205.33	203.65	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				111		%
Indium	115-1				115		%
Indium	115-2				108		%
Iron	56-2	130391.11	132600.70	130740.03	131243.95	0.91	ppb
Iron	57-2	128576.80	130338.66	130032.10	129649.18	0.73	ppb
Iron	54-2	127627.48	129905.97	127838.34	128457.26	0.98	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.33	57.86	58.98	56.72	5.27	ppb
Lead	207-1	51.91	56.49	57.44	55.28	5.35	ppb
Lead	208-1	52.43	56.72	57.82	55.66	5.12	ppb
Lithium	6-1				92		%
Magnesium	24-2	24712.05	25517.67	24599.44	24943.05	2.01	ppb
Manganese	55-2	5565.84	5642.64	5514.36	5574.28	1.16	ppb
Molybdenum	94-1	18.97	20.78	21.02	20.25	5.53	ppb
Molybdenum	95-1	1.35	1.45	1.47	1.43	4.40	ppb
Molybdenum	96-1	3.84	4.21	4.16	4.07	4.83	ppb
Molybdenum	97-1	1.29	1.42	1.46	1.39	6.50	ppb
Molybdenum	98-1	1.26	1.37	1.39	1.34	5.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.52	121.84	119.03	119.80	1.49	ppb
Phosphorus	31-2	2131.51	2151.55	2172.52	2151.86	0.95	ppb
Potassium	39-2	9543.10	9519.94	9794.56	9619.20	1.58	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				115		%
Selenium	82-1	0.96	0.87	1.05	0.96	9.22	ppb
Selenium	77-2	13.96	15.81	14.06	14.61	7.12	ppb
Selenium	78-2	3.01	3.54	3.80	3.45	11.59	ppb
Silicon	28-1	1594.86	1718.99	1712.23	1675.36	4.17	ppb
Silver	107-1	0.30	0.34	0.34	0.33	6.09	ppb
Silver	109-1	0.31	0.34	0.34	0.33	4.85	ppb
Sodium	23-2	119.54	123.63	120.92	121.36	1.72	ppb
Strontium	86-1	1610.37	1748.51	1762.78	1707.22	4.93	ppb
Strontium	88-1	1648.36	1789.73	1813.55	1750.55	5.10	ppb
Sulfur	34-1	-1075.20	-974.35	-907.68	-985.74		ppb
Terbium	159-1				117		%
Terbium	159-2				113		%
Thallium	203-1	0.35	0.37	0.39	0.37	5.94	ppb
Thallium	205-1	0.35	0.37	0.37	0.36	2.60	ppb
Tin	118-1	2.03	2.20	2.29	2.17	6.01	ppb
Titanium	47-1	778.47	851.79	862.38	830.88	5.50	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.83	0.84	0.81	5.93	ppb
Vanadium	51-2	265.13	266.64	262.09	264.62	0.88	ppb
Yttrium	89-1				122		%
Yttrium	89-2				116		%
Zinc	66-2	248.50	251.83	250.60	250.31	0.67	ppb
Zirconium	90-1	10.21	11.08	11.29	10.86	5.30	ppb
Zirconium	91-1	10.12	11.23	11.20	10.85	5.83	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 15:13:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8547.53	8846.29	8671.89	8688.57	1.73	ppb
Antimony	121-1	0.44	0.43	0.44	0.44	1.65	ppb
Arsenic	75-2	33.67	33.48	33.72	33.62	0.38	ppb
Barium	135-1	128.46	129.57	132.09	130.04	1.43	ppb
Barium	137-1	129.26	130.08	130.16	129.83	0.38	ppb
Beryllium	9-1	0.31	0.30	0.29	0.30	2.24	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.39	0.41	0.50	0.43	13.80	ppb
Cadmium	106-1	0.06	-0.33	-0.22	-0.16		ppb
Cadmium	111-1	0.23	0.22	0.22	0.22	3.42	ppb
Calcium	43-1	2587.77	2638.02	2611.98	2612.59	0.96	ppb
Calcium	44-1	2506.10	2598.47	2553.67	2552.75	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.96	26.69	25.82	26.15	1.80	ppb
Cobalt	59-2	14.68	14.97	14.49	14.71	1.65	ppb
Copper	63-2	41.16	42.41	41.68	41.75	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	27036.41	27984.69	27428.02	27483.04	1.73	ppb
Iron	57-2	26586.21	27552.02	27103.42	27080.55	1.78	ppb
Iron	54-2	26965.73	27307.52	27016.64	27096.63	0.68	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 15:13:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.36	11.64	11.55	11.52	1.25	ppb
Lead	207-1	11.07	11.22	11.24	11.18	0.82	ppb
Lead	208-1	11.07	11.33	11.27	11.22	1.20	ppb
Lithium	6-1				93		%
Magnesium	24-2	5270.91	5355.84	5288.32	5305.02	0.85	ppb
Manganese	55-2	1171.31	1211.97	1196.70	1193.33	1.72	ppb
Molybdenum	94-1	4.30	4.42	4.33	4.35	1.41	ppb
Molybdenum	95-1	0.32	0.33	0.34	0.33	2.44	ppb
Molybdenum	96-1	0.87	0.92	0.91	0.90	2.96	ppb
Molybdenum	97-1	0.33	0.32	0.33	0.32	1.94	ppb
Molybdenum	98-1	0.30	0.33	0.32	0.31	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.18	25.54	24.97	25.23	1.16	ppb
Phosphorus	31-2	431.14	438.97	429.30	433.14	1.19	ppb
Potassium	39-2	1983.59	2040.52	2003.22	2009.11	1.44	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	0.30	0.39	0.10	0.27	55.20	ppb
Selenium	77-2	3.85	2.46	3.73	3.35	22.94	ppb
Selenium	78-2	1.18	0.62	0.86	0.88	31.66	ppb
Silicon	28-1	356.41	356.24	354.54	355.73	0.29	ppb
Silver	107-1	0.07	0.07	0.07	0.07	1.76	ppb
Silver	109-1	0.08	0.07	0.07	0.07	7.39	ppb
Sodium	23-2	34.36	35.88	34.60	34.95	2.34	ppb
Strontium	86-1	374.57	369.87	370.83	371.76	0.67	ppb
Strontium	88-1	369.10	376.08	372.30	372.50	0.94	ppb
Sulfur	34-1	-1095.44	-1108.34	-1124.13	-1109.30		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	0.09	0.09	0.09	0.09	1.66	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.28	ppb
Tin	118-1	0.47	0.46	0.46	0.46	0.94	ppb
Titanium	47-1	175.96	179.91	179.35	178.41	1.20	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 15:13:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.16	0.17	4.30	ppb
Vanadium	51-2	53.30	53.99	53.05	53.45	0.91	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	51.66	53.09	52.16	52.30	1.39	ppb
Zirconium	90-1	2.31	2.34	2.35	2.33	0.85	ppb
Zirconium	91-1	2.30	2.38	2.35	2.34	1.59	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:16:12	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43887.44	43340.78	44141.37	43789.86	0.93	ppb
Antimony	121-1	77.91	79.13	75.69	77.58	2.25	ppb
Arsenic	75-2	191.07	191.55	189.95	190.86	0.43	ppb
Barium	135-1	2000.63	2062.43	1988.31	2017.12	1.97	ppb
Barium	137-1	2002.08	2039.52	2002.06	2014.55	1.07	ppb
Beryllium	9-1	33.93	32.37	35.19	33.83	4.17	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.91	34.91	35.09	34.97	0.30	ppb
Cadmium	106-1	35.72	35.38	34.01	35.04	2.57	ppb
Cadmium	111-1	38.03	38.31	37.46	37.93	1.13	ppb
Calcium	43-1	12426.35	12590.71	12671.75	12562.93	1.00	ppb
Calcium	44-1	12343.42	12361.72	12514.31	12406.48	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	265.75	267.16	270.65	267.85	0.94	ppb
Cobalt	59-2	413.38	407.95	416.91	412.75	1.09	ppb
Copper	63-2	366.98	365.89	371.20	368.02	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	136444.58	136226.33	136595.86	136422.26	0.14	ppb
Iron	57-2	134548.89	133460.34	134830.91	134280.05	0.54	ppb
Iron	54-2	134251.91	133964.41	134636.00	134284.10	0.25	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:16:12	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.94	73.28	72.59	72.94	0.47	ppb
Lead	207-1	71.52	71.30	71.12	71.31	0.28	ppb
Lead	208-1	72.39	72.32	71.15	71.95	0.97	ppb
Lithium	6-1				92		%
Magnesium	24-2	25858.74	25967.79	26120.59	25982.37	0.51	ppb
Manganese	55-2	6170.75	6161.28	6195.03	6175.69	0.28	ppb
Molybdenum	94-1	21.36	21.37	21.59	21.44	0.61	ppb
Molybdenum	95-1	1.56	1.59	1.62	1.59	1.79	ppb
Molybdenum	96-1	4.36	4.33	4.38	4.36	0.58	ppb
Molybdenum	97-1	1.51	1.56	1.55	1.54	1.52	ppb
Molybdenum	98-1	1.52	1.51	1.49	1.51	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.22	470.04	474.16	471.47	0.49	ppb
Phosphorus	31-2	2198.96	2184.28	2220.83	2201.36	0.84	ppb
Potassium	39-2	9609.15	9808.01	9780.70	9732.62	1.11	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				113		%
Selenium	82-1	77.90	78.00	78.52	78.14	0.42	ppb
Selenium	77-2	94.06	91.48	88.89	91.48	2.83	ppb
Selenium	78-2	81.33	79.49	82.12	80.98	1.66	ppb
Silicon	28-1	1754.46	1742.02	1743.62	1746.70	0.39	ppb
Silver	107-1	28.88	29.44	28.76	29.03	1.24	ppb
Silver	109-1	29.17	29.70	29.20	29.36	1.02	ppb
Sodium	23-2	122.03	124.13	126.93	124.36	1.98	ppb
Strontium	86-1	1796.72	1805.92	1838.78	1813.81	1.22	ppb
Strontium	88-1	1851.93	1857.74	1834.91	1848.19	0.64	ppb
Sulfur	34-1	-841.23	-870.18	-861.25	-857.55		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	36.45	36.64	36.57	36.55	0.26	ppb
Thallium	205-1	35.80	36.11	36.42	36.11	0.85	ppb
Tin	118-1	2.29	2.29	2.24	2.27	1.36	ppb
Titanium	47-1	887.50	883.77	887.76	886.34	0.25	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:16:12	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.86	0.85	0.85	0.71	ppb
Vanadium	51-2	605.76	597.44	599.12	600.77	0.73	ppb
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	579.48	584.70	586.60	583.59	0.63	ppb
Zirconium	90-1	11.47	11.48	11.62	11.52	0.75	ppb
Zirconium	91-1	11.42	11.66	11.66	11.58	1.21	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MS	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:19:07	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46393.46	45526.43	46122.59	46014.16	0.96	ppb
Antimony	121-1	272.52	293.25	292.92	286.23	4.15	ppb
Arsenic	75-2	267.16	268.70	266.86	267.57	0.37	ppb
Barium	135-1	5916.86	6336.12	6455.64	6236.21	4.54	ppb
Barium	137-1	5919.08	6434.29	6454.50	6269.29	4.84	ppb
Beryllium	9-1	129.56	136.87	138.90	135.11	3.64	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	123.94	134.81	134.16	130.97	4.66	ppb
Cadmium	106-1	123.15	131.84	131.49	128.83	3.82	ppb
Cadmium	111-1	137.26	147.83	148.61	144.57	4.38	ppb
Calcium	43-1	11626.06	12194.94	12111.02	11977.34	2.56	ppb
Calcium	44-1	11294.63	11830.83	11831.09	11652.18	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	698.36	694.50	695.47	696.11	0.29	ppb
Cobalt	59-2	1491.93	1478.56	1487.85	1486.12	0.46	ppb
Copper	63-2	874.02	858.77	857.78	863.52	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	132269.27	129371.68	131197.40	130946.12	1.12	ppb
Iron	57-2	129850.33	127513.37	131730.82	129698.17	1.63	ppb
Iron	54-2	132314.48	128738.51	130187.33	130413.44	1.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MS	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:19:07	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.44	114.71	117.57	114.24	3.14	ppb
Lead	207-1	105.85	112.50	114.24	110.86	3.99	ppb
Lead	208-1	107.38	113.59	115.51	112.16	3.79	ppb
Lithium	6-1				91		%
Magnesium	24-2	24854.43	24659.16	24763.96	24759.18	0.39	ppb
Manganese	55-2	6927.55	6797.01	6867.86	6864.14	0.95	ppb
Molybdenum	94-1	19.15	21.10	20.91	20.39	5.28	ppb
Molybdenum	95-1	1.41	1.57	1.55	1.51	5.82	ppb
Molybdenum	96-1	3.94	4.25	4.27	4.15	4.48	ppb
Molybdenum	97-1	1.37	1.46	1.51	1.45	4.76	ppb
Molybdenum	98-1	1.37	1.49	1.49	1.45	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1560.74	1523.25	1569.33	1551.10	1.58	ppb
Phosphorus	31-2	2086.34	2088.22	2100.42	2091.66	0.37	ppb
Potassium	39-2	9214.49	9262.93	9324.36	9267.26	0.59	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	283.38	305.79	303.94	297.70	4.18	ppb
Selenium	77-2	310.56	314.52	305.60	310.23	1.44	ppb
Selenium	78-2	304.85	303.34	307.37	305.19	0.67	ppb
Silicon	28-1	1595.16	1684.98	1654.48	1644.87	2.78	ppb
Silver	107-1	110.49	116.18	118.25	114.97	3.49	ppb
Silver	109-1	112.54	119.29	120.05	117.29	3.53	ppb
Sodium	23-2	119.19	117.82	120.64	119.22	1.18	ppb
Strontium	86-1	1628.05	1758.77	1749.97	1712.26	4.27	ppb
Strontium	88-1	1661.18	1777.51	1787.35	1742.01	4.03	ppb
Sulfur	34-1	-926.15	-933.65	-958.99	-939.60		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	139.85	146.37	149.66	145.29	3.44	ppb
Thallium	205-1	137.97	144.05	146.26	142.76	3.01	ppb
Tin	118-1	2.08	2.22	2.16	2.15	3.28	ppb
Titanium	47-1	808.23	848.80	850.27	835.77	2.85	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MS	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:19:07	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.81	0.82	0.80	3.46	ppb
Vanadium	51-2	1648.52	1642.47	1650.96	1647.32	0.27	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	1637.46	1617.83	1624.41	1626.57	0.61	ppb
Zirconium	90-1	10.26	11.19	11.23	10.90	5.02	ppb
Zirconium	91-1	10.37	11.28	11.17	10.94	4.51	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-14	Instrumnet Name :	P7
Client Sample ID :	MYE587	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:21:59	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40188.87	41953.27	41459.22	41200.46	2.21	ppb
Antimony	121-1	1.10	1.13	1.11	1.11	1.53	ppb
Arsenic	75-2	132.60	137.96	137.75	136.10	2.23	ppb
Barium	135-1	476.15	512.12	503.00	497.09	3.76	ppb
Barium	137-1	470.56	496.26	496.32	487.71	3.05	ppb
Beryllium	9-1	1.48	1.39	1.39	1.42	3.64	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.67	1.74	1.63	7.60	ppb
Cadmium	106-1	1.70	2.13	1.85	1.89	11.49	ppb
Cadmium	111-1	0.97	1.06	1.01	1.02	4.70	ppb
Calcium	43-1	19148.34	20370.45	20260.31	19926.37	3.39	ppb
Calcium	44-1	19058.58	20427.73	20151.18	19879.16	3.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.19	112.82	114.39	113.46	0.72	ppb
Cobalt	59-2	55.99	56.12	56.40	56.17	0.38	ppb
Copper	63-2	149.84	151.03	152.46	151.11	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	105650.60	106445.96	106821.33	106305.96	0.56	ppb
Iron	57-2	104595.75	104647.64	105145.04	104796.14	0.29	ppb
Iron	54-2	104560.88	104303.08	106535.78	105133.25	1.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-14	Instrumnet Name :	P7
Client Sample ID :	MYE587	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:21:59	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.00	45.25	43.46	43.57	3.74	ppb
Lead	207-1	40.45	43.79	42.12	42.12	3.97	ppb
Lead	208-1	40.94	44.11	42.43	42.49	3.74	ppb
Lithium	6-1				90		%
Magnesium	24-2	23124.75	23351.50	23651.62	23375.96	1.13	ppb
Manganese	55-2	3185.97	3179.89	3221.47	3195.78	0.70	ppb
Molybdenum	94-1	18.01	19.17	19.03	18.74	3.36	ppb
Molybdenum	95-1	0.94	1.02	1.01	0.99	4.57	ppb
Molybdenum	96-1	3.31	3.53	3.54	3.46	3.67	ppb
Molybdenum	97-1	0.95	1.02	0.99	0.99	3.60	ppb
Molybdenum	98-1	0.93	0.99	0.97	0.97	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.32	108.07	108.67	108.02	0.63	ppb
Phosphorus	31-2	1962.83	1983.52	1998.95	1981.77	0.91	ppb
Potassium	39-2	8248.50	8296.38	8352.91	8299.26	0.63	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	0.57	0.57	0.45	0.53	13.40	ppb
Selenium	77-2	14.35	16.21	15.68	15.41	6.19	ppb
Selenium	78-2	3.90	3.68	3.64	3.74	3.69	ppb
Silicon	28-1	1786.29	1877.19	1881.53	1848.34	2.91	ppb
Silver	107-1	0.27	0.26	0.25	0.26	5.34	ppb
Silver	109-1	0.29	0.27	0.25	0.27	6.09	ppb
Sodium	23-2	148.27	156.03	154.81	153.04	2.73	ppb
Strontium	86-1	1542.49	1634.89	1615.98	1597.79	3.06	ppb
Strontium	88-1	1569.97	1656.78	1651.09	1625.95	2.99	ppb
Sulfur	34-1	-1031.21	-970.93	-992.66	-998.26		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.38	0.40	0.38	0.39	2.59	ppb
Thallium	205-1	0.38	0.40	0.37	0.38	3.82	ppb
Tin	118-1	2.31	2.52	2.43	2.42	4.38	ppb
Titanium	47-1	831.53	875.90	857.87	855.10	2.61	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-14	Instrumnet Name :	P7
Client Sample ID :	MYE587	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:21:59	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.85	0.82	0.82	3.79	ppb
Vanadium	51-2	219.19	220.78	220.62	220.20	0.40	ppb
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	207.44	213.15	216.16	212.25	2.09	ppb
Zirconium	90-1	9.86	10.58	10.42	10.28	3.68	ppb
Zirconium	91-1	9.88	10.70	10.52	10.37	4.16	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-15	Instrumnet Name :	P7
Client Sample ID :	MYE588	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:24:59	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54284.60	53419.45	53855.38	53853.14	0.80	ppb
Antimony	121-1	1.30	1.34	1.35	1.33	2.27	ppb
Arsenic	75-2	163.01	162.46	158.93	161.47	1.37	ppb
Barium	135-1	583.11	602.76	603.75	596.54	1.95	ppb
Barium	137-1	577.75	594.43	595.20	589.13	1.67	ppb
Beryllium	9-1	1.83	1.55	1.73	1.71	8.33	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.20	1.93	2.26	2.13	8.38	ppb
Cadmium	106-1	3.02	2.29	2.65	2.66	13.82	ppb
Cadmium	111-1	1.33	1.31	1.34	1.33	1.11	ppb
Calcium	43-1	13493.74	13623.48	13680.83	13599.35	0.70	ppb
Calcium	44-1	13085.08	13346.80	13375.92	13269.26	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	164.31	163.92	165.80	164.67	0.60	ppb
Cobalt	59-2	72.78	73.08	72.96	72.94	0.21	ppb
Copper	63-2	221.93	215.09	218.63	218.55	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	134178.65	133621.70	134650.18	134150.18	0.38	ppb
Iron	57-2	133862.82	131593.06	131350.19	132268.69	1.05	ppb
Iron	54-2	131855.38	132299.82	130692.31	131615.84	0.63	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-15	Instrumnet Name :	P7
Client Sample ID :	MYE588	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:24:59	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.69	55.96	54.94	54.86	2.07	ppb
Lead	207-1	52.08	54.00	53.51	53.20	1.87	ppb
Lead	208-1	52.75	54.26	53.30	53.44	1.43	ppb
Lithium	6-1				89		%
Magnesium	24-2	29943.73	29277.85	29730.01	29650.53	1.15	ppb
Manganese	55-2	4116.98	4164.34	4117.98	4133.10	0.65	ppb
Molybdenum	94-1	24.17	24.58	24.95	24.57	1.58	ppb
Molybdenum	95-1	1.15	1.17	1.20	1.17	1.88	ppb
Molybdenum	96-1	4.26	4.31	4.33	4.30	0.77	ppb
Molybdenum	97-1	1.11	1.18	1.14	1.14	2.95	ppb
Molybdenum	98-1	1.11	1.12	1.13	1.12	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.45	141.48	143.38	143.10	1.05	ppb
Phosphorus	31-2	2039.02	2022.59	2032.59	2031.40	0.41	ppb
Potassium	39-2	10685.75	10669.65	10515.77	10623.72	0.88	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	0.48	0.46	1.24	0.73	61.35	ppb
Selenium	77-2	17.08	17.64	19.38	18.03	6.62	ppb
Selenium	78-2	4.66	3.99	4.22	4.29	7.98	ppb
Silicon	28-1	1626.90	1650.56	1639.68	1639.05	0.72	ppb
Silver	107-1	0.35	0.36	0.36	0.36	2.62	ppb
Silver	109-1	0.35	0.35	0.36	0.35	2.29	ppb
Sodium	23-2	134.21	132.44	132.19	132.95	0.83	ppb
Strontium	86-1	1746.64	1790.27	1807.59	1781.50	1.76	ppb
Strontium	88-1	1803.95	1831.80	1855.33	1830.36	1.41	ppb
Sulfur	34-1	-1172.63	-1202.23	-1196.33	-1190.40		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.45	0.46	0.46	0.46	1.70	ppb
Thallium	205-1	0.45	0.46	0.46	0.46	1.40	ppb
Tin	118-1	2.73	2.77	2.76	2.75	0.68	ppb
Titanium	47-1	1011.63	1057.80	1046.04	1038.49	2.31	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-15	Instrumnet Name :	P7
Client Sample ID :	MYE588	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:24:59	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.07	1.09	1.06	2.91	ppb
Vanadium	51-2	260.13	263.36	260.01	261.17	0.73	ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	251.01	249.54	248.70	249.75	0.47	ppb
Zirconium	90-1	13.24	13.58	13.67	13.50	1.71	ppb
Zirconium	91-1	13.29	13.54	13.67	13.50	1.42	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-16	Instrumnet Name :	P7
Client Sample ID :	MYE589	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:28:00	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53341.86	53216.71	53827.07	53461.88	0.60	ppb
Antimony	121-1	1.85	1.92	1.89	1.89	1.91	ppb
Arsenic	75-2	171.68	172.47	171.34	171.83	0.34	ppb
Barium	135-1	686.26	709.58	715.36	703.74	2.19	ppb
Barium	137-1	673.10	703.24	713.15	696.50	2.99	ppb
Beryllium	9-1	1.26	1.31	1.36	1.31	4.04	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.86	1.76	1.75	1.79	3.47	ppb
Cadmium	106-1	1.86	2.41	2.19	2.15	12.86	ppb
Cadmium	111-1	1.04	1.11	1.13	1.09	4.01	ppb
Calcium	43-1	11471.67	11910.68	11801.86	11728.07	1.95	ppb
Calcium	44-1	11315.72	11628.17	11619.62	11521.17	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210.69	211.75	210.32	210.92	0.35	ppb
Cobalt	59-2	101.86	102.02	103.81	102.56	1.05	ppb
Copper	63-2	239.45	237.53	238.12	238.37	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	192645.26	193313.93	192885.67	192948.29	0.18	ppb
Iron	57-2	187070.34	188286.64	192717.79	189358.26	1.57	ppb
Iron	54-2	189469.16	188420.08	190200.54	189363.26	0.47	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-16	Instrumnet Name :	P7
Client Sample ID :	MYE589	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:28:00	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.34	58.37	58.27	57.32	3.00	ppb
Lead	207-1	55.11	58.03	58.06	57.06	2.97	ppb
Lead	208-1	55.33	57.65	57.45	56.81	2.26	ppb
Lithium	6-1				89		%
Magnesium	24-2	36318.56	35795.29	36896.54	36336.79	1.52	ppb
Manganese	55-2	8567.48	8580.32	8560.26	8569.35	0.12	ppb
Molybdenum	94-1	16.88	17.15	17.27	17.10	1.16	ppb
Molybdenum	95-1	1.88	1.98	1.92	1.93	2.45	ppb
Molybdenum	96-1	4.38	4.59	4.63	4.53	2.91	ppb
Molybdenum	97-1	1.78	1.90	1.89	1.86	3.48	ppb
Molybdenum	98-1	1.78	1.81	1.84	1.81	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	146.36	145.53	148.72	146.87	1.13	ppb
Phosphorus	31-2	2099.72	2144.37	2130.68	2124.92	1.08	ppb
Potassium	39-2	9789.84	9903.09	9915.51	9869.48	0.70	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	82-1	0.88	0.64	0.72	0.75	16.31	ppb
Selenium	77-2	16.92	16.92	15.61	16.48	4.58	ppb
Selenium	78-2	3.88	4.24	3.79	3.97	5.96	ppb
Silicon	28-1	1307.06	1354.62	1380.96	1347.55	2.78	ppb
Silver	107-1	0.19	0.20	0.20	0.20	1.87	ppb
Silver	109-1	0.19	0.20	0.20	0.20	2.49	ppb
Sodium	23-2	148.48	149.29	153.05	150.28	1.62	ppb
Strontium	86-1	1947.85	2004.29	2035.63	1995.93	2.23	ppb
Strontium	88-1	2002.86	2039.13	2081.73	2041.24	1.93	ppb
Sulfur	34-1	-1050.84	-1041.46	-1091.79	-1061.36		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.33	0.33	0.35	0.33	3.17	ppb
Thallium	205-1	0.33	0.33	0.33	0.33	1.09	ppb
Tin	118-1	2.30	2.44	2.47	2.41	3.87	ppb
Titanium	47-1	874.06	911.14	903.71	896.30	2.19	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-16	Instrumnet Name :	P7
Client Sample ID :	MYE589	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:28:00	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.88	0.86	0.85	2.84	ppb
Vanadium	51-2	358.01	358.16	362.16	359.44	0.65	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	315.57	315.93	321.78	317.76	1.10	ppb
Zirconium	90-1	8.58	8.84	8.97	8.80	2.27	ppb
Zirconium	91-1	8.60	9.00	9.10	8.90	2.98	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-17	Instrumnet Name :	P7
Client Sample ID :	MYE590	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:30:58	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48254.95	48389.66	47821.08	48155.23	0.62	ppb
Antimony	121-1	1.50	1.49	1.49	1.49	0.41	ppb
Arsenic	75-2	178.07	177.64	182.11	179.27	1.38	ppb
Barium	135-1	567.61	572.72	579.49	573.27	1.04	ppb
Barium	137-1	572.89	568.69	566.70	569.43	0.56	ppb
Beryllium	9-1	1.72	1.48	1.55	1.58	7.77	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	2.06	2.04	2.10	4.11	ppb
Cadmium	106-1	2.94	2.52	2.31	2.59	12.32	ppb
Cadmium	111-1	1.25	1.23	1.18	1.22	3.22	ppb
Calcium	43-1	15443.11	15302.76	15593.30	15446.39	0.94	ppb
Calcium	44-1	15135.37	14996.76	15119.44	15083.86	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	149.83	150.91	150.12	150.29	0.37	ppb
Cobalt	59-2	75.73	76.89	76.28	76.30	0.76	ppb
Copper	63-2	209.82	214.07	212.13	212.01	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	139507.91	143508.48	139585.46	140867.28	1.62	ppb
Iron	57-2	136056.74	140064.38	136436.62	137519.25	1.61	ppb
Iron	54-2	137154.48	139146.19	138909.57	138403.41	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-17	Instrumnet Name :	P7
Client Sample ID :	MYE590	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:30:58	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	59.47	57.95	58.53	58.65	1.31	ppb
Lead	207-1	58.01	56.53	57.02	57.18	1.32	ppb
Lead	208-1	58.16	57.45	57.85	57.82	0.61	ppb
Lithium	6-1				89		%
Magnesium	24-2	30022.50	30083.48	29446.03	29850.67	1.18	ppb
Manganese	55-2	4236.54	4366.40	4232.65	4278.53	1.78	ppb
Molybdenum	94-1	23.83	23.68	23.71	23.74	0.33	ppb
Molybdenum	95-1	1.34	1.30	1.34	1.33	1.74	ppb
Molybdenum	96-1	4.51	4.39	4.52	4.48	1.56	ppb
Molybdenum	97-1	1.29	1.26	1.31	1.29	1.71	ppb
Molybdenum	98-1	1.31	1.26	1.26	1.28	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.20	142.29	141.07	141.19	0.74	ppb
Phosphorus	31-2	2122.53	2207.20	2155.25	2161.66	1.98	ppb
Potassium	39-2	10110.61	10464.59	10370.97	10315.39	1.78	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	82-1	0.97	0.99	0.92	0.96	3.57	ppb
Selenium	77-2	16.23	15.55	15.73	15.83	2.21	ppb
Selenium	78-2	3.27	4.12	3.30	3.56	13.58	ppb
Silicon	28-1	1745.71	1698.04	1714.54	1719.43	1.41	ppb
Silver	107-1	0.30	0.29	0.30	0.30	1.32	ppb
Silver	109-1	0.30	0.31	0.30	0.30	1.09	ppb
Sodium	23-2	126.45	129.57	127.07	127.70	1.29	ppb
Strontium	86-1	1662.95	1624.28	1657.26	1648.16	1.27	ppb
Strontium	88-1	1691.21	1667.25	1667.85	1675.44	0.82	ppb
Sulfur	34-1	-892.03	-1024.19	-978.72	-964.98		ppb
Terbium	159-1				113		%
Terbium	159-2				113		%
Thallium	203-1	0.39	0.38	0.38	0.38	1.24	ppb
Thallium	205-1	0.38	0.37	0.37	0.37	1.66	ppb
Tin	118-1	2.57	2.61	2.55	2.58	1.06	ppb
Titanium	47-1	935.62	934.17	956.15	941.98	1.31	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-17	Instrumnet Name :	P7
Client Sample ID :	MYE590	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:30:58	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.90	0.92	0.92	1.94	ppb
Vanadium	51-2	286.22	292.10	290.34	289.55	1.04	ppb
Yttrium	89-1				118		%
Yttrium	89-2				117		%
Zinc	66-2	249.38	255.06	250.23	251.55	1.22	ppb
Zirconium	90-1	12.99	12.78	12.99	12.92	0.95	ppb
Zirconium	91-1	12.95	12.92	13.08	12.98	0.65	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-18	Instrumnet Name :	P7
Client Sample ID :	MYE591	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:33:58	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42651.17	42917.96	44243.84	43270.99	1.97	ppb
Antimony	121-1	1.30	1.38	1.37	1.35	3.21	ppb
Arsenic	75-2	143.06	143.17	143.21	143.15	0.05	ppb
Barium	135-1	699.88	755.15	733.91	729.64	3.82	ppb
Barium	137-1	686.11	741.39	738.11	721.87	4.30	ppb
Beryllium	9-1	1.51	1.77	1.79	1.69	9.18	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.77	2.72	2.80	2.76	1.49	ppb
Cadmium	106-1	3.80	3.53	2.97	3.43	12.27	ppb
Cadmium	111-1	2.02	2.21	2.14	2.13	4.42	ppb
Calcium	43-1	10931.77	11667.05	11814.83	11471.22	4.12	ppb
Calcium	44-1	10893.25	11457.85	11484.80	11278.63	2.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.88	119.45	118.61	119.65	0.96	ppb
Cobalt	59-2	72.14	72.55	72.78	72.49	0.44	ppb
Copper	63-2	299.87	301.87	311.46	304.40	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	120829.59	121771.02	123073.71	121891.44	0.92	ppb
Iron	57-2	118436.67	117899.46	118589.83	118308.65	0.31	ppb
Iron	54-2	119473.92	119397.82	121352.50	120074.75	0.92	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-18	Instrumnet Name :	P7
Client Sample ID :	MYE591	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:33:58	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	88.83	93.17	96.67	92.89	4.23	ppb
Lead	207-1	87.05	91.64	94.52	91.07	4.13	ppb
Lead	208-1	87.86	92.13	94.60	91.53	3.73	ppb
Lithium	6-1				91		%
Magnesium	24-2	25107.58	25161.62	25528.19	25265.80	0.91	ppb
Manganese	55-2	5989.47	5964.89	6084.52	6012.96	1.05	ppb
Molybdenum	94-1	22.07	23.54	23.53	23.05	3.67	ppb
Molybdenum	95-1	1.08	1.19	1.14	1.14	5.23	ppb
Molybdenum	96-1	3.92	4.19	4.21	4.11	3.91	ppb
Molybdenum	97-1	1.03	1.17	1.10	1.10	6.39	ppb
Molybdenum	98-1	1.03	1.11	1.10	1.08	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.30	113.99	116.18	115.49	1.13	ppb
Phosphorus	31-2	2365.28	2430.62	2501.01	2432.30	2.79	ppb
Potassium	39-2	10167.67	10338.44	10471.06	10325.72	1.47	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	82-1	1.00	0.81	0.86	0.89	11.14	ppb
Selenium	77-2	17.31	17.83	17.56	17.57	1.48	ppb
Selenium	78-2	3.38	4.03	4.30	3.90	12.11	ppb
Silicon	28-1	2042.08	2175.11	2169.38	2128.85	3.53	ppb
Silver	107-1	0.59	0.62	0.62	0.61	2.78	ppb
Silver	109-1	0.58	0.64	0.62	0.61	5.13	ppb
Sodium	23-2	132.32	133.23	134.94	133.49	1.00	ppb
Strontium	86-1	1644.90	1771.73	1786.73	1734.45	4.49	ppb
Strontium	88-1	1664.20	1815.33	1823.90	1767.81	5.08	ppb
Sulfur	34-1	-888.76	-904.80	-894.44	-896.00		ppb
Terbium	159-1				116		%
Terbium	159-2				112		%
Thallium	203-1	0.51	0.53	0.56	0.53	4.27	ppb
Thallium	205-1	0.50	0.54	0.55	0.53	4.83	ppb
Tin	118-1	2.39	2.65	2.56	2.53	5.19	ppb
Titanium	47-1	788.19	814.61	835.69	812.83	2.93	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-18	Instrumnet Name :	P7
Client Sample ID :	MYE591	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:33:58	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.94	0.97	0.93	4.98	ppb
Vanadium	51-2	249.66	249.28	251.67	250.20	0.51	ppb
Yttrium	89-1				119		%
Yttrium	89-2				114		%
Zinc	66-2	320.48	324.17	325.30	323.31	0.78	ppb
Zirconium	90-1	11.89	13.00	12.98	12.62	5.05	ppb
Zirconium	91-1	12.01	12.99	12.88	12.63	4.26	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-19	Instrumnet Name :	P7
Client Sample ID :	MYE592	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:36:58	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50858.37	50884.53	51705.17	51149.36	0.94	ppb
Antimony	121-1	1.49	1.50	1.49	1.49	0.40	ppb
Arsenic	75-2	179.06	178.65	179.29	179.00	0.18	ppb
Barium	135-1	748.50	771.78	772.23	764.17	1.78	ppb
Barium	137-1	759.39	773.91	764.75	766.02	0.96	ppb
Beryllium	9-1	2.02	2.10	1.98	2.03	3.02	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.22	3.59	3.58	3.46	6.12	ppb
Cadmium	106-1	3.75	4.06	3.94	3.92	4.01	ppb
Cadmium	111-1	2.41	2.53	2.50	2.48	2.39	ppb
Calcium	43-1	12562.37	12718.99	12934.59	12738.65	1.47	ppb
Calcium	44-1	12299.55	12581.01	12450.86	12443.81	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139.27	138.26	138.69	138.74	0.37	ppb
Cobalt	59-2	82.38	84.03	84.18	83.53	1.20	ppb
Copper	63-2	354.80	359.08	360.98	358.28	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	140425.72	142561.81	141252.84	141413.46	0.76	ppb
Iron	57-2	140246.12	141963.54	141228.52	141146.06	0.61	ppb
Iron	54-2	138916.57	138077.06	138552.41	138515.35	0.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-19	Instrumnet Name :	P7
Client Sample ID :	MYE592	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:36:58	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.30	116.73	114.45	114.50	1.94	ppb
Lead	207-1	110.73	112.61	111.68	111.67	0.84	ppb
Lead	208-1	110.03	112.49	112.09	111.54	1.18	ppb
Lithium	6-1				89		%
Magnesium	24-2	29486.03	29704.35	30139.56	29776.65	1.12	ppb
Manganese	55-2	5859.82	5823.46	5835.43	5839.57	0.32	ppb
Molybdenum	94-1	27.75	27.86	27.99	27.86	0.44	ppb
Molybdenum	95-1	1.55	1.55	1.62	1.57	2.68	ppb
Molybdenum	96-1	5.08	5.10	5.17	5.11	0.92	ppb
Molybdenum	97-1	1.55	1.53	1.56	1.55	0.88	ppb
Molybdenum	98-1	1.50	1.49	1.50	1.50	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.79	131.38	133.73	132.30	0.95	ppb
Phosphorus	31-2	2457.51	2445.78	2424.29	2442.53	0.69	ppb
Potassium	39-2	12073.93	12026.29	12064.13	12054.78	0.21	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	0.97	1.05	0.94	0.99	5.65	ppb
Selenium	77-2	14.31	19.81	17.81	17.31	16.09	ppb
Selenium	78-2	3.32	4.05	4.51	3.96	15.19	ppb
Silicon	28-1	2101.18	2169.75	2177.07	2149.33	1.95	ppb
Silver	107-1	0.72	0.75	0.74	0.73	2.23	ppb
Silver	109-1	0.72	0.74	0.74	0.73	1.65	ppb
Sodium	23-2	161.01	160.03	164.47	161.84	1.44	ppb
Strontium	86-1	1776.31	1796.52	1823.81	1798.88	1.33	ppb
Strontium	88-1	1838.19	1827.39	1861.67	1842.42	0.95	ppb
Sulfur	34-1	-661.38	-661.99	-656.59	-659.99		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.61	0.62	0.62	0.62	0.69	ppb
Thallium	205-1	0.59	0.61	0.60	0.60	1.94	ppb
Tin	118-1	3.07	3.19	3.17	3.15	2.04	ppb
Titanium	47-1	923.58	974.06	968.42	955.36	2.90	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-19	Instrumnet Name :	P7
Client Sample ID :	MYE592	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:36:58	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.13	1.11	1.12	0.57	ppb
Vanadium	51-2	287.02	289.13	291.53	289.23	0.78	ppb
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	375.34	376.31	376.53	376.06	0.17	ppb
Zirconium	90-1	14.96	15.21	15.33	15.16	1.27	ppb
Zirconium	91-1	14.92	15.14	15.43	15.16	1.68	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-20	Instrumnet Name :	P7
Client Sample ID :	MYE593	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:39:58	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58927.07	56905.16	58699.74	58177.32	1.90	ppb
Antimony	121-1	1.86	1.81	1.83	1.83	1.32	ppb
Arsenic	75-2	185.01	186.54	186.15	185.90	0.43	ppb
Barium	135-1	618.44	620.87	622.51	620.60	0.33	ppb
Barium	137-1	612.56	619.44	614.52	615.51	0.58	ppb
Beryllium	9-1	1.81	2.05	2.02	1.96	6.81	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	2.24	2.31	2.28	1.63	ppb
Cadmium	106-1	3.42	2.49	3.17	3.03	15.98	ppb
Cadmium	111-1	1.31	1.22	1.31	1.28	3.95	ppb
Calcium	43-1	15676.68	15677.16	15572.01	15641.95	0.39	ppb
Calcium	44-1	15338.35	15209.38	15270.18	15272.63	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.18	169.60	173.50	171.09	1.23	ppb
Cobalt	59-2	84.08	82.65	83.70	83.48	0.89	ppb
Copper	63-2	220.07	223.60	222.66	222.11	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	156125.87	156233.70	158147.11	156835.56	0.73	ppb
Iron	57-2	157339.14	155743.69	157173.76	156752.20	0.56	ppb
Iron	54-2	156488.89	152113.55	157244.09	155282.18	1.78	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-20	Instrumnet Name :	P7
Client Sample ID :	MYE593	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:39:58	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.85	53.71	54.01	53.53	1.12	ppb
Lead	207-1	51.13	51.98	52.25	51.79	1.13	ppb
Lead	208-1	51.88	52.33	52.76	52.32	0.84	ppb
Lithium	6-1				88		%
Magnesium	24-2	32495.49	32136.03	32530.28	32387.26	0.67	ppb
Manganese	55-2	4206.17	4131.64	4206.09	4181.30	1.03	ppb
Molybdenum	94-1	31.41	31.32	31.06	31.26	0.58	ppb
Molybdenum	95-1	1.48	1.49	1.47	1.48	0.65	ppb
Molybdenum	96-1	5.46	5.44	5.51	5.47	0.64	ppb
Molybdenum	97-1	1.47	1.43	1.44	1.45	1.56	ppb
Molybdenum	98-1	1.41	1.41	1.39	1.40	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.40	154.11	154.59	153.70	0.75	ppb
Phosphorus	31-2	2475.74	2478.78	2523.15	2492.56	1.06	ppb
Potassium	39-2	12795.05	12671.85	12819.76	12762.22	0.62	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	0.67	0.60	0.62	0.63	5.27	ppb
Selenium	77-2	20.99	20.26	21.43	20.89	2.82	ppb
Selenium	78-2	4.50	4.82	3.88	4.40	10.84	ppb
Silicon	28-1	1670.54	1664.64	1638.77	1657.98	1.02	ppb
Silver	107-1	0.30	0.30	0.30	0.30	0.78	ppb
Silver	109-1	0.29	0.30	0.29	0.29	0.93	ppb
Sodium	23-2	142.54	139.84	143.42	141.93	1.31	ppb
Strontium	86-1	1900.34	1903.89	1918.04	1907.42	0.49	ppb
Strontium	88-1	1957.88	1933.43	1959.36	1950.22	0.75	ppb
Sulfur	34-1	-963.93	-1009.18	-1045.88	-1006.33		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.48	0.49	0.47	0.48	2.98	ppb
Thallium	205-1	0.46	0.48	0.48	0.47	2.42	ppb
Tin	118-1	3.46	3.39	3.48	3.44	1.40	ppb
Titanium	47-1	1209.30	1201.85	1202.09	1204.41	0.35	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-20	Instrumnet Name :	P7
Client Sample ID :	MYE593	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:39:58	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.10	1.11	1.10	0.67	ppb
Vanadium	51-2	305.49	298.07	305.86	303.14	1.45	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	271.57	271.78	271.67	271.67	0.04	ppb
Zirconium	90-1	17.12	17.14	16.99	17.08	0.48	ppb
Zirconium	91-1	17.10	17.13	17.11	17.11	0.09	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:42:56	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50031.12	51399.08	49145.09	50191.76	2.26	ppb
Antimony	121-1	496.21	507.55	514.41	506.06	1.82	ppb
Arsenic	75-2	520.75	515.43	510.71	515.63	0.97	ppb
Barium	135-1	2440.63	2515.91	2544.28	2500.27	2.14	ppb
Barium	137-1	2435.18	2481.95	2514.07	2477.07	1.60	ppb
Beryllium	9-1	500.10	529.08	515.86	515.01	2.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	494.44	512.02	511.22	505.89	1.96	ppb
Cadmium	106-1	491.80	507.85	513.77	504.47	2.25	ppb
Cadmium	111-1	501.04	518.49	516.45	511.99	1.86	ppb
Calcium	43-1	245662.11	252363.00	250274.50	249433.20	1.37	ppb
Calcium	44-1	245043.02	248183.22	251263.99	248163.41	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.00	512.62	502.32	511.32	1.65	ppb
Cobalt	59-2	536.93	530.45	526.93	531.44	0.95	ppb
Copper	63-2	5180.43	5173.22	5104.44	5152.70	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	130919.79	132182.81	129521.75	130874.78	1.02	ppb
Iron	57-2	130500.08	132466.79	129229.95	130732.27	1.25	ppb
Iron	54-2	129494.16	130646.80	127343.14	129161.37	1.30	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:42:56	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2511.40	2565.49	2619.22	2565.37	2.10	ppb
Lead	207-1	2512.97	2561.93	2600.54	2558.48	1.72	ppb
Lead	208-1	2507.61	2570.36	2597.01	2558.33	1.79	ppb
Lithium	6-1				89		%
Magnesium	24-2	267133.90	269366.23	263985.71	266828.61	1.01	ppb
Manganese	55-2	5104.30	5147.16	4991.24	5080.90	1.59	ppb
Molybdenum	94-1	4934.06	5082.22	5017.94	5011.41	1.48	ppb
Molybdenum	95-1	4874.58	5062.80	4988.88	4975.42	1.91	ppb
Molybdenum	96-1	4941.72	5008.98	5006.39	4985.70	0.76	ppb
Molybdenum	97-1	4975.89	5056.09	4963.81	4998.60	1.00	ppb
Molybdenum	98-1	4982.87	5032.09	5002.34	5005.77	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.88	532.28	516.52	524.90	1.51	ppb
Phosphorus	31-2	9859.02	9855.32	9513.12	9742.49	2.04	ppb
Potassium	39-2	129995.28	131122.53	127455.98	129524.60	1.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	486.75	492.38	495.04	491.39	0.86	ppb
Selenium	77-2	489.43	503.42	514.98	502.61	2.55	ppb
Selenium	78-2	493.63	498.56	494.39	495.53	0.54	ppb
Silicon	28-1	162.28	168.06	166.09	165.47	1.77	ppb
Silver	107-1	487.28	506.75	507.17	500.40	2.27	ppb
Silver	109-1	497.16	510.43	512.23	506.60	1.62	ppb
Sodium	23-2	252863.21	249089.11	246112.94	249355.09	1.36	ppb
Strontium	86-1	12813.86	13054.63	12957.83	12942.11	0.94	ppb
Strontium	88-1	12861.35	13101.47	13083.56	13015.46	1.03	ppb
Sulfur	34-1	9926.70	10030.29	10014.27	9990.42	0.56	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	505.12	513.84	519.76	512.91	1.44	ppb
Thallium	205-1	496.73	513.39	519.66	509.93	2.32	ppb
Tin	118-1	485.18	501.84	510.51	499.18	2.58	ppb
Titanium	47-1	5014.57	5073.67	5055.32	5047.85	0.60	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:42:56	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.51	518.79	522.26	515.19	1.83	ppb
Vanadium	51-2	524.96	521.81	505.33	517.37	2.04	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	5164.57	5155.41	5081.85	5133.94	0.88	ppb
Zirconium	90-1	502.18	516.40	510.03	509.54	1.40	ppb
Zirconium	91-1	493.71	509.45	506.43	503.20	1.66	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:45:39	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.47	0.33	0.40	17.81	ppb
Antimony	121-1	0.24	0.24	0.31	0.26	15.23	ppb
Arsenic	75-2	0.02	0.02	0.03	0.03	34.11	ppb
Barium	135-1	0.28	0.09	0.03	0.13	96.97	ppb
Barium	137-1	0.29	0.09	0.04	0.14	92.89	ppb
Beryllium	9-1	0.09	0.07	0.02	0.06	58.42	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.03	0.01	0.04	86.21	ppb
Cadmium	106-1	-0.29	-0.65	-0.69	-0.54		ppb
Cadmium	111-1	0.06	-0.02	-0.04	0.00	3906.13	ppb
Calcium	43-1	31.98	9.63	3.71	15.11	98.69	ppb
Calcium	44-1	34.91	12.97	5.79	17.89	84.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.22	0.20	0.19	0.20	6.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	2.00	1.77	1.65	1.81	10.02	ppb
Iron	57-2	1.12	0.19	-0.25	0.35	197.28	ppb
Iron	54-2	1.35	0.99	1.28	1.21	15.48	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:45:39	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.34	0.13	0.08	0.18	75.67	ppb
Lead	207-1	0.31	0.13	0.08	0.17	71.30	ppb
Lead	208-1	0.32	0.12	0.08	0.18	74.24	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.44	0.03	0.12	0.19	110.51	ppb
Manganese	55-2	0.08	0.07	0.07	0.07	10.32	ppb
Molybdenum	94-1	0.87	0.47	0.41	0.58	43.04	ppb
Molybdenum	95-1	0.71	0.30	0.20	0.40	66.42	ppb
Molybdenum	96-1	0.72	0.31	0.23	0.42	62.82	ppb
Molybdenum	97-1	0.74	0.31	0.21	0.42	67.13	ppb
Molybdenum	98-1	0.74	0.30	0.20	0.41	68.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.04	-0.04		ppb
Phosphorus	31-2	-16.06	-18.63	-15.39	-16.69		ppb
Potassium	39-2	13.33	13.38	12.16	12.95	5.33	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	-0.19	0.46	-0.07	0.06	540.29	ppb
Selenium	77-2	0.05	0.05	-0.03	0.03	189.43	ppb
Selenium	78-2	0.45	0.34	0.24	0.34	31.60	ppb
Silicon	28-1	-4.80	-6.03	-6.54	-5.79		ppb
Silver	107-1	0.06	0.03	0.02	0.04	54.74	ppb
Silver	109-1	0.06	0.04	0.02	0.04	49.50	ppb
Sodium	23-2	12.17	11.56	10.41	11.38	7.84	ppb
Strontium	86-1	1.37	0.43	0.07	0.62	107.24	ppb
Strontium	88-1	1.60	0.50	0.22	0.77	93.62	ppb
Sulfur	34-1	-624.22	-634.23	-696.15	-651.53		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.12	0.09	0.08	0.10	22.05	ppb
Thallium	205-1	0.12	0.09	0.07	0.10	26.31	ppb
Tin	118-1	0.08	0.04	0.02	0.05	73.77	ppb
Titanium	47-1	0.73	0.23	0.12	0.36	91.17	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:45:39	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.02	0.01	0.03	91.58	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	64.46	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	0.14	0.15	0.13	0.14	6.43	ppb
Zirconium	90-1	0.17	0.13	0.13	0.14	15.65	ppb
Zirconium	91-1	0.18	0.14	0.14	0.15	16.46	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-21	Instrumnet Name :	P7
Client Sample ID :	MYE594	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:48:53	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49574.57	48956.89	49896.39	49475.95	0.97	ppb
Antimony	121-1	1.15	1.18	1.19	1.17	1.60	ppb
Arsenic	75-2	146.58	145.79	147.18	146.51	0.48	ppb
Barium	135-1	896.80	904.65	894.22	898.56	0.60	ppb
Barium	137-1	883.49	887.20	889.72	886.80	0.35	ppb
Beryllium	9-1	1.59	1.58	1.55	1.57	1.09	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	2.14	1.69	1.88	12.61	ppb
Cadmium	106-1	2.86	2.35	2.79	2.67	10.45	ppb
Cadmium	111-1	0.96	0.92	0.95	0.94	2.15	ppb
Calcium	43-1	19325.58	19192.32	19154.88	19224.26	0.47	ppb
Calcium	44-1	19470.80	19336.21	19064.23	19290.41	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	140.53	139.70	140.68	140.30	0.38	ppb
Cobalt	59-2	70.16	69.88	71.21	70.42	1.00	ppb
Copper	63-2	176.91	176.14	180.48	177.85	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	127430.18	126806.13	128932.59	127722.97	0.86	ppb
Iron	57-2	126970.48	125598.27	130037.81	127535.52	1.78	ppb
Iron	54-2	127169.89	126500.24	127874.46	127181.53	0.54	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-21	Instrumnet Name :	P7
Client Sample ID :	MYE594	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:48:53	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.54	46.02	45.76	45.78	0.52	ppb
Lead	207-1	44.24	44.88	44.26	44.46	0.83	ppb
Lead	208-1	44.53	44.92	44.64	44.70	0.46	ppb
Lithium	6-1				90		%
Magnesium	24-2	29560.00	29480.48	30069.49	29703.32	1.08	ppb
Manganese	55-2	7609.51	7569.45	7770.42	7649.79	1.39	ppb
Molybdenum	94-1	21.85	22.10	21.88	21.94	0.63	ppb
Molybdenum	95-1	1.20	1.16	1.16	1.17	2.07	ppb
Molybdenum	96-1	4.02	4.03	4.09	4.04	0.93	ppb
Molybdenum	97-1	1.08	1.07	1.05	1.07	1.30	ppb
Molybdenum	98-1	1.08	1.08	1.07	1.07	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.94	127.53	129.67	128.05	1.12	ppb
Phosphorus	31-2	2031.42	2009.28	2044.17	2028.29	0.87	ppb
Potassium	39-2	9639.94	9888.67	9863.59	9797.40	1.40	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	82-1	0.82	0.81	0.67	0.77	11.10	ppb
Selenium	77-2	14.17	16.15	15.70	15.34	6.78	ppb
Selenium	78-2	3.87	3.76	4.83	4.16	14.16	ppb
Silicon	28-1	2123.30	2092.00	2087.62	2100.97	0.93	ppb
Silver	107-1	0.26	0.25	0.24	0.25	5.35	ppb
Silver	109-1	0.26	0.25	0.24	0.25	4.36	ppb
Sodium	23-2	138.43	138.60	140.70	139.25	0.91	ppb
Strontium	86-1	1885.27	1895.46	1863.98	1881.57	0.85	ppb
Strontium	88-1	1927.10	1942.22	1897.35	1922.22	1.19	ppb
Sulfur	34-1	-796.74	-938.45	-1037.67	-924.29		ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	0.55	0.49	0.50	0.51	5.91	ppb
Thallium	205-1	0.55	0.51	0.49	0.52	5.42	ppb
Tin	118-1	2.23	2.30	2.28	2.27	1.68	ppb
Titanium	47-1	967.47	968.94	944.11	960.17	1.45	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-21	Instrumnet Name :	P7
Client Sample ID :	MYE594	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:48:53	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.95	0.93	0.94	0.71	ppb
Vanadium	51-2	259.45	258.96	261.93	260.12	0.61	ppb
Yttrium	89-1				119		%
Yttrium	89-2				118		%
Zinc	66-2	234.19	232.81	237.38	234.79	1.00	ppb
Zirconium	90-1	12.16	12.06	11.85	12.02	1.33	ppb
Zirconium	91-1	12.08	12.16	12.02	12.09	0.60	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-22	Instrumnet Name :	P7
Client Sample ID :	MYE595	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:51:55	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48492.36	48707.77	47326.69	48175.61	1.54	ppb
Antimony	121-1	0.45	0.46	0.48	0.46	2.41	ppb
Arsenic	75-2	31.19	31.42	31.24	31.29	0.39	ppb
Barium	135-1	45.38	46.25	45.48	45.70	1.04	ppb
Barium	137-1	45.57	46.26	45.38	45.73	1.01	ppb
Beryllium	9-1	0.23	0.22	0.23	0.22	2.21	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.20	1.40	1.34	1.32	7.86	ppb
Cadmium	106-1	0.95	0.16	-0.76	0.12	736.89	ppb
Cadmium	111-1	0.19	0.12	0.07	0.13	48.76	ppb
Calcium	43-1	14659.12	15204.84	14943.03	14935.67	1.83	ppb
Calcium	44-1	14468.46	15021.04	14666.97	14718.82	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.84	254.03	248.82	252.23	1.17	ppb
Cobalt	59-2	58.77	59.21	57.45	58.48	1.57	ppb
Copper	63-2	220.76	221.93	211.77	218.15	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	93052.49	93235.54	91528.65	92605.56	1.01	ppb
Iron	57-2	91848.50	92567.64	90089.50	91501.88	1.39	ppb
Iron	54-2	92844.82	92106.04	91693.53	92214.80	0.63	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-22	Instrumnet Name :	P7
Client Sample ID :	MYE595	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:51:55	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.87	3.93	3.99	3.93	1.45	ppb
Lead	207-1	3.74	3.85	3.88	3.82	1.95	ppb
Lead	208-1	3.81	3.85	3.89	3.85	1.10	ppb
Lithium	6-1				88		%
Magnesium	24-2	45552.78	45203.49	44565.72	45107.33	1.11	ppb
Manganese	55-2	1241.96	1257.72	1218.71	1239.46	1.58	ppb
Molybdenum	94-1	4.05	4.10	4.19	4.11	1.63	ppb
Molybdenum	95-1	0.53	0.54	0.54	0.53	0.53	ppb
Molybdenum	96-1	1.48	1.45	1.45	1.46	1.28	ppb
Molybdenum	97-1	0.53	0.50	0.56	0.53	5.47	ppb
Molybdenum	98-1	0.51	0.53	0.52	0.52	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	214.23	216.17	209.02	213.14	1.73	ppb
Phosphorus	31-2	616.01	645.23	614.95	625.40	2.75	ppb
Potassium	39-2	799.46	800.32	782.77	794.18	1.25	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	82-1	0.48	0.28	0.42	0.39	24.98	ppb
Selenium	77-2	3.82	3.77	3.84	3.81	1.00	ppb
Selenium	78-2	0.70	0.98	0.97	0.88	17.96	ppb
Silicon	28-1	1726.88	1756.95	1747.33	1743.72	0.88	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.00	ppb
Silver	109-1	0.05	0.05	0.06	0.05	3.04	ppb
Sodium	23-2	355.30	358.53	347.54	353.79	1.60	ppb
Strontium	86-1	786.61	791.49	804.38	794.16	1.16	ppb
Strontium	88-1	785.04	818.17	818.44	807.22	2.38	ppb
Sulfur	34-1	-1278.69	-1288.73	-1307.33	-1291.58		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.07	0.07	0.07	0.07	1.41	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	4.08	ppb
Tin	118-1	1.49	1.52	1.50	1.51	1.09	ppb
Titanium	47-1	1569.11	1611.35	1582.37	1587.61	1.36	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-22	Instrumnet Name :	P7
Client Sample ID :	MYE595	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:51:55	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.12	0.12	0.12	3.02	ppb
Vanadium	51-2	175.23	173.47	172.06	173.59	0.91	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	104.35	104.57	102.19	103.70	1.27	ppb
Zirconium	90-1	2.03	2.05	2.10	2.06	1.83	ppb
Zirconium	91-1	2.03	2.08	2.14	2.08	2.52	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-01	Instrumnet Name :	P7
Client Sample ID :	MYE596	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:54:58	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47012.62	48289.90	46811.40	47371.31	1.69	ppb
Antimony	121-1	3.21	3.25	3.26	3.24	0.80	ppb
Arsenic	75-2	199.43	195.98	196.26	197.23	0.97	ppb
Barium	135-1	625.83	628.76	636.66	630.42	0.89	ppb
Barium	137-1	629.39	627.54	626.89	627.94	0.21	ppb
Beryllium	9-1	1.92	1.82	1.79	1.84	3.55	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.28	3.51	3.29	3.36	3.93	ppb
Cadmium	106-1	4.34	3.88	3.63	3.95	9.11	ppb
Cadmium	111-1	2.51	2.47	2.41	2.46	1.92	ppb
Calcium	43-1	7130.21	7189.50	7161.63	7160.44	0.41	ppb
Calcium	44-1	6926.77	7092.23	7015.64	7011.55	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151.53	151.99	147.45	150.33	1.66	ppb
Cobalt	59-2	93.04	93.86	91.42	92.77	1.34	ppb
Copper	63-2	290.69	295.82	284.95	290.48	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	260098.74	264095.52	257573.81	260589.36	1.26	ppb
Iron	57-2	254579.18	260332.64	250524.90	255145.57	1.93	ppb
Iron	54-2	257447.47	261195.85	252260.68	256968.00	1.75	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-01	Instrumnet Name :	P7
Client Sample ID :	MYE596	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:54:58	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	124.57	128.02	128.33	126.97	1.64	ppb
Lead	207-1	129.34	127.35	130.07	128.92	1.09	ppb
Lead	208-1	126.65	126.18	128.42	127.08	0.93	ppb
Lithium	6-1				91		%
Magnesium	24-2	24561.12	24932.89	24300.55	24598.18	1.29	ppb
Manganese	55-2	7775.94	7995.86	7794.88	7855.56	1.55	ppb
Molybdenum	94-1	25.02	25.60	25.35	25.33	1.15	ppb
Molybdenum	95-1	2.49	2.53	2.50	2.51	0.99	ppb
Molybdenum	96-1	6.20	6.41	6.42	6.34	1.93	ppb
Molybdenum	97-1	2.44	2.42	2.44	2.43	0.67	ppb
Molybdenum	98-1	2.41	2.41	2.37	2.40	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.57	109.36	106.80	108.25	1.21	ppb
Phosphorus	31-2	2356.00	2438.33	2329.27	2374.53	2.39	ppb
Potassium	39-2	11446.76	11630.21	11403.87	11493.61	1.05	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	82-1	0.99	0.85	1.02	0.95	9.96	ppb
Selenium	77-2	15.17	16.74	16.24	16.05	5.00	ppb
Selenium	78-2	3.94	4.47	4.39	4.27	6.77	ppb
Silicon	28-1	1654.00	1620.15	1634.22	1636.12	1.04	ppb
Silver	107-1	0.49	0.49	0.51	0.49	2.20	ppb
Silver	109-1	0.49	0.49	0.48	0.49	1.00	ppb
Sodium	23-2	128.88	130.58	124.20	127.89	2.58	ppb
Strontium	86-1	1704.26	1729.52	1725.64	1719.81	0.79	ppb
Strontium	88-1	1746.34	1761.73	1739.37	1749.15	0.65	ppb
Sulfur	34-1	-881.89	-862.37	-888.07	-877.44		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.50	0.49	0.48	0.49	2.22	ppb
Thallium	205-1	0.49	0.49	0.50	0.49	0.84	ppb
Tin	118-1	2.84	2.86	2.89	2.86	0.85	ppb
Titanium	47-1	1300.81	1305.79	1287.62	1298.07	0.72	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-01	Instrumnet Name :	P7
Client Sample ID :	MYE596	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:54:58	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.50	1.51	1.54	1.52	1.43	ppb
Vanadium	51-2	367.85	372.79	364.00	368.22	1.20	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	478.73	480.71	467.93	475.79	1.45	ppb
Zirconium	90-1	13.26	13.30	13.31	13.29	0.22	ppb
Zirconium	91-1	13.15	13.32	13.16	13.21	0.72	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-02	Instrumnet Name :	P7
Client Sample ID :	MYE597	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:57:58	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42242.96	40629.03	43198.31	42023.43	3.09	ppb
Antimony	121-1	2.55	2.71	2.72	2.66	3.41	ppb
Arsenic	75-2	140.85	139.38	142.05	140.76	0.95	ppb
Barium	135-1	618.50	649.96	650.25	639.57	2.85	ppb
Barium	137-1	620.10	654.96	658.10	644.39	3.27	ppb
Beryllium	9-1	1.57	1.72	1.79	1.69	6.55	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.32	2.52	2.32	2.39	4.92	ppb
Cadmium	106-1	2.54	2.79	2.64	2.66	4.80	ppb
Cadmium	111-1	1.49	1.65	1.59	1.58	5.14	ppb
Calcium	43-1	10177.89	10752.98	10933.25	10621.38	3.71	ppb
Calcium	44-1	10080.57	10531.84	10715.26	10442.56	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.63	129.87	133.74	131.42	1.56	ppb
Cobalt	59-2	71.88	70.36	72.20	71.48	1.37	ppb
Copper	63-2	237.14	229.27	235.63	234.02	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	188851.06	182621.42	193843.25	188438.58	2.98	ppb
Iron	57-2	186781.25	183735.85	188579.83	186365.64	1.31	ppb
Iron	54-2	185761.31	180560.30	190068.48	185463.36	2.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-02	Instrumnet Name :	P7
Client Sample ID :	MYE597	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:57:58	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	75.96	80.66	81.98	79.53	3.98	ppb
Lead	207-1	74.90	80.23	79.87	78.33	3.80	ppb
Lead	208-1	74.70	80.99	79.94	78.54	4.29	ppb
Lithium	6-1				92		%
Magnesium	24-2	21507.03	20488.85	22235.21	21410.36	4.10	ppb
Manganese	55-2	6927.18	6762.33	6995.89	6895.13	1.74	ppb
Molybdenum	94-1	19.61	20.49	20.96	20.35	3.37	ppb
Molybdenum	95-1	2.16	2.23	2.28	2.22	2.80	ppb
Molybdenum	96-1	4.88	5.14	5.27	5.10	3.90	ppb
Molybdenum	97-1	2.09	2.14	2.19	2.14	2.31	ppb
Molybdenum	98-1	2.09	2.15	2.18	2.14	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.66	100.06	104.95	103.22	2.66	ppb
Phosphorus	31-2	2045.19	2049.40	2052.17	2048.92	0.17	ppb
Potassium	39-2	10089.67	10010.42	10092.54	10064.21	0.46	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	0.72	0.47	0.69	0.63	21.43	ppb
Selenium	77-2	14.83	13.70	12.46	13.67	8.67	ppb
Selenium	78-2	3.61	2.92	3.87	3.46	14.23	ppb
Silicon	28-1	1508.51	1611.75	1588.36	1569.54	3.45	ppb
Silver	107-1	0.36	0.39	0.40	0.38	5.20	ppb
Silver	109-1	0.38	0.38	0.39	0.38	2.15	ppb
Sodium	23-2	216.81	205.02	218.60	213.47	3.46	ppb
Strontium	86-1	1660.75	1723.62	1781.76	1722.04	3.51	ppb
Strontium	88-1	1716.89	1764.05	1794.18	1758.37	2.22	ppb
Sulfur	34-1	-831.19	-793.41	-782.62	-802.41		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.44	0.46	0.46	0.45	2.03	ppb
Thallium	205-1	0.43	0.46	0.46	0.45	3.74	ppb
Tin	118-1	2.70	2.83	2.93	2.82	4.07	ppb
Titanium	47-1	1048.08	1107.18	1110.97	1088.74	3.24	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-02	Instrumnet Name :	P7
Client Sample ID :	MYE597	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:57:58	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.38	1.36	1.35	3.73	ppb
Vanadium	51-2	290.01	284.48	290.34	288.28	1.14	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	338.39	330.58	343.74	337.57	1.96	ppb
Zirconium	90-1	10.20	10.61	10.89	10.57	3.31	ppb
Zirconium	91-1	10.06	10.62	11.04	10.57	4.64	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-03	Instrumnet Name :	P7
Client Sample ID :	MYE598	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:00:57	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38893.17	37962.76	38316.70	38390.88	1.22	ppb
Antimony	121-1	2.01	2.14	2.11	2.09	3.15	ppb
Arsenic	75-2	136.48	136.86	138.10	137.15	0.62	ppb
Barium	135-1	509.76	537.15	527.60	524.83	2.65	ppb
Barium	137-1	514.35	527.43	527.04	522.94	1.42	ppb
Beryllium	9-1	1.45	1.54	1.49	1.50	3.19	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.99	1.81	1.93	1.91	4.73	ppb
Cadmium	106-1	2.18	2.10	1.42	1.90	22.18	ppb
Cadmium	111-1	1.43	1.49	1.42	1.45	2.54	ppb
Calcium	43-1	6157.56	6265.40	6348.45	6257.14	1.53	ppb
Calcium	44-1	5961.25	6109.08	6170.47	6080.26	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.17	129.73	132.38	131.10	1.01	ppb
Cobalt	59-2	71.54	69.80	69.87	70.40	1.40	ppb
Copper	63-2	261.14	253.80	254.72	256.55	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	192301.18	188049.89	186985.07	189112.05	1.49	ppb
Iron	57-2	185780.94	183649.10	182934.54	184121.53	0.80	ppb
Iron	54-2	183956.25	183540.86	183578.07	183691.73	0.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-03	Instrumnet Name :	P7
Client Sample ID :	MYE598	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:00:57	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.91	82.35	82.20	81.82	0.97	ppb
Lead	207-1	79.58	80.85	81.29	80.57	1.10	ppb
Lead	208-1	79.66	81.34	81.63	80.87	1.31	ppb
Lithium	6-1				90		%
Magnesium	24-2	20318.33	20099.59	20396.01	20271.31	0.76	ppb
Manganese	55-2	6434.02	6370.05	6294.67	6366.25	1.10	ppb
Molybdenum	94-1	16.62	16.98	17.16	16.92	1.63	ppb
Molybdenum	95-1	1.87	1.90	1.94	1.90	1.75	ppb
Molybdenum	96-1	4.41	4.48	4.49	4.46	0.97	ppb
Molybdenum	97-1	1.82	1.87	1.87	1.85	1.54	ppb
Molybdenum	98-1	1.81	1.80	1.84	1.82	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.77	95.21	95.39	95.79	0.89	ppb
Phosphorus	31-2	1732.26	1690.65	1720.63	1714.51	1.25	ppb
Potassium	39-2	9289.67	9061.49	9112.20	9154.45	1.31	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.75	0.75	0.70	0.74	3.89	ppb
Selenium	77-2	12.36	14.37	13.88	13.54	7.75	ppb
Selenium	78-2	3.51	2.87	3.02	3.13	10.74	ppb
Silicon	28-1	1591.55	1642.64	1626.17	1620.12	1.61	ppb
Silver	107-1	0.34	0.34	0.35	0.34	1.68	ppb
Silver	109-1	0.34	0.35	0.35	0.34	1.90	ppb
Sodium	23-2	122.16	114.72	114.03	116.97	3.85	ppb
Strontium	86-1	1410.55	1434.10	1448.80	1431.15	1.35	ppb
Strontium	88-1	1422.41	1459.89	1471.08	1451.13	1.76	ppb
Sulfur	34-1	-1071.27	-1079.96	-1088.99	-1080.07		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.40	0.42	0.42	0.41	1.96	ppb
Thallium	205-1	0.40	0.40	0.40	0.40	0.65	ppb
Tin	118-1	2.40	2.46	2.49	2.45	1.89	ppb
Titanium	47-1	987.47	1031.69	1034.37	1017.85	2.59	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-03	Instrumnet Name :	P7
Client Sample ID :	MYE598	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:00:57	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.25	1.27	1.25	1.28	ppb
Vanadium	51-2	281.06	283.64	285.30	283.34	0.75	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	288.49	283.39	286.35	286.08	0.90	ppb
Zirconium	90-1	8.54	8.79	8.82	8.71	1.77	ppb
Zirconium	91-1	8.53	8.71	8.95	8.73	2.40	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-04	Instrumnet Name :	P7
Client Sample ID :	MYE599	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:03:58	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55424.88	52866.96	54747.20	54346.35	2.44	ppb
Antimony	121-1	0.80	0.80	0.82	0.81	0.94	ppb
Arsenic	75-2	49.24	47.21	48.31	48.25	2.10	ppb
Barium	135-1	88.43	86.83	86.19	87.15	1.33	ppb
Barium	137-1	87.50	86.44	86.44	86.79	0.71	ppb
Beryllium	9-1	0.37	0.38	0.34	0.37	5.24	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.78	1.58	1.56	1.64	7.36	ppb
Cadmium	106-1	0.73	0.20	-0.58	0.12	566.37	ppb
Cadmium	111-1	0.36	0.30	0.24	0.30	20.07	ppb
Calcium	43-1	15031.97	14898.47	15014.75	14981.73	0.48	ppb
Calcium	44-1	14746.46	14373.46	14587.55	14569.16	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313.37	294.67	306.20	304.75	3.10	ppb
Cobalt	59-2	95.07	88.81	92.83	92.23	3.44	ppb
Copper	63-2	260.74	249.35	256.70	255.60	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	118602.50	112430.14	115102.76	115378.47	2.68	ppb
Iron	57-2	117479.70	110790.65	113651.97	113974.11	2.94	ppb
Iron	54-2	115943.78	111652.19	114615.79	114070.59	1.93	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-04	Instrumnet Name :	P7
Client Sample ID :	MYE599	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:03:58	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.92	10.04	9.94	9.97	0.64	ppb
Lead	207-1	9.81	9.78	9.82	9.80	0.22	ppb
Lead	208-1	9.78	9.75	9.82	9.78	0.34	ppb
Lithium	6-1				86		%
Magnesium	24-2	50550.55	48630.68	50373.10	49851.44	2.13	ppb
Manganese	55-2	1990.45	1921.18	1957.03	1956.22	1.77	ppb
Molybdenum	94-1	4.05	4.12	4.12	4.10	1.00	ppb
Molybdenum	95-1	0.45	0.45	0.48	0.46	3.41	ppb
Molybdenum	96-1	1.53	1.49	1.49	1.51	1.26	ppb
Molybdenum	97-1	0.46	0.43	0.45	0.45	2.89	ppb
Molybdenum	98-1	0.44	0.42	0.41	0.43	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	241.41	230.43	235.82	235.89	2.33	ppb
Phosphorus	31-2	964.03	977.84	975.80	972.56	0.77	ppb
Potassium	39-2	3536.21	3414.76	3523.05	3491.34	1.91	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	82-1	0.27	0.03	0.47	0.26	85.74	ppb
Selenium	77-2	4.82	3.44	4.96	4.41	18.98	ppb
Selenium	78-2	1.68	1.10	0.96	1.24	30.67	ppb
Silicon	28-1	1574.01	1562.89	1588.30	1575.07	0.81	ppb
Silver	107-1	0.09	0.09	0.08	0.09	3.88	ppb
Silver	109-1	0.09	0.09	0.08	0.09	4.87	ppb
Sodium	23-2	279.52	266.22	276.34	274.03	2.53	ppb
Strontium	86-1	1332.04	1340.16	1330.85	1334.35	0.38	ppb
Strontium	88-1	1381.18	1375.71	1375.54	1377.48	0.23	ppb
Sulfur	34-1	-904.74	-966.82	-990.38	-953.98		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.08	0.08	0.08	0.08	2.89	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	0.41	ppb
Tin	118-1	1.92	1.92	1.92	1.92	0.08	ppb
Titanium	47-1	1046.58	1050.11	1042.77	1046.48	0.35	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-04	Instrumnet Name :	P7
Client Sample ID :	MYE599	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:03:58	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.23	0.23	0.23	1.24	ppb
Vanadium	51-2	246.81	232.01	241.80	240.21	3.13	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	151.34	144.81	148.29	148.15	2.21	ppb
Zirconium	90-1	2.07	2.09	2.10	2.08	0.73	ppb
Zirconium	91-1	2.07	2.08	2.09	2.08	0.60	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-05	Instrumnet Name :	P7
Client Sample ID :	MYE5A0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:06:59	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45859.20	45836.35	44774.49	45490.01	1.36	ppb
Antimony	121-1	1.39	1.41	1.44	1.41	1.67	ppb
Arsenic	75-2	99.07	95.89	96.71	97.22	1.69	ppb
Barium	135-1	678.95	675.75	699.12	684.61	1.85	ppb
Barium	137-1	671.68	683.58	695.70	683.65	1.76	ppb
Beryllium	9-1	2.36	2.37	2.15	2.29	5.44	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.45	2.19	2.32	2.32	5.59	ppb
Cadmium	106-1	1.87	2.13	1.72	1.91	11.05	ppb
Cadmium	111-1	1.23	1.25	1.30	1.26	3.11	ppb
Calcium	43-1	16211.35	16039.50	16290.93	16180.59	0.79	ppb
Calcium	44-1	15711.32	15598.93	16072.51	15794.25	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.92	119.57	118.21	118.90	0.57	ppb
Cobalt	59-2	60.25	59.48	58.98	59.57	1.08	ppb
Copper	63-2	192.20	192.87	189.53	191.53	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	147425.30	145245.05	145468.96	146046.44	0.82	ppb
Iron	57-2	143482.42	144299.26	142094.67	143292.12	0.78	ppb
Iron	54-2	144337.44	144330.52	141939.33	143535.77	0.96	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-05	Instrumnet Name :	P7
Client Sample ID :	MYE5A0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:06:59	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	75.47	77.16	76.40	76.34	1.11	ppb
Lead	207-1	73.77	75.78	74.73	74.76	1.35	ppb
Lead	208-1	73.85	76.09	75.73	75.22	1.60	ppb
Lithium	6-1				88		%
Magnesium	24-2	19045.51	18949.10	18662.54	18885.72	1.05	ppb
Manganese	55-2	6381.12	6295.33	6278.10	6318.18	0.87	ppb
Molybdenum	94-1	23.60	24.21	23.85	23.89	1.29	ppb
Molybdenum	95-1	1.39	1.43	1.46	1.43	2.53	ppb
Molybdenum	96-1	4.54	4.63	4.54	4.57	1.11	ppb
Molybdenum	97-1	1.37	1.35	1.44	1.39	3.19	ppb
Molybdenum	98-1	1.33	1.35	1.35	1.34	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.39	92.28	91.36	92.35	1.10	ppb
Phosphorus	31-2	1485.39	1494.79	1462.74	1480.97	1.11	ppb
Potassium	39-2	7642.93	7699.16	7514.26	7618.79	1.24	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	82-1	0.50	0.76	0.83	0.69	25.32	ppb
Selenium	77-2	16.91	16.12	15.74	16.26	3.68	ppb
Selenium	78-2	3.25	3.04	3.36	3.22	5.09	ppb
Silicon	28-1	1681.91	1669.07	1698.65	1683.21	0.88	ppb
Silver	107-1	0.34	0.35	0.35	0.34	1.52	ppb
Silver	109-1	0.34	0.35	0.35	0.35	1.90	ppb
Sodium	23-2	166.86	165.02	162.56	164.82	1.31	ppb
Strontium	86-1	1740.67	1773.04	1777.49	1763.74	1.14	ppb
Strontium	88-1	1768.55	1794.80	1815.41	1792.92	1.31	ppb
Sulfur	34-1	-991.41	-1069.42	-1073.84	-1044.89		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.46	0.49	0.48	0.48	3.17	ppb
Thallium	205-1	0.48	0.49	0.48	0.49	0.63	ppb
Tin	118-1	2.64	2.63	2.62	2.63	0.39	ppb
Titanium	47-1	1006.43	995.66	1010.89	1004.33	0.78	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-05	Instrumnet Name :	P7
Client Sample ID :	MYE5A0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:06:59	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.28	1.25	1.26	1.28	ppb
Vanadium	51-2	220.38	219.57	215.69	218.55	1.15	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	247.04	247.36	244.58	246.33	0.62	ppb
Zirconium	90-1	12.72	12.96	13.05	12.91	1.32	ppb
Zirconium	91-1	12.67	13.00	13.16	12.95	1.94	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-06	Instrumnet Name :	P7
Client Sample ID :	MYE5A1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:10:01	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38063.04	38266.23	38544.61	38291.29	0.63	ppb
Antimony	121-1	2.47	2.51	2.54	2.51	1.45	ppb
Arsenic	75-2	129.73	129.06	129.59	129.46	0.27	ppb
Barium	135-1	530.59	546.42	544.87	540.62	1.61	ppb
Barium	137-1	530.78	541.49	535.77	536.01	1.00	ppb
Beryllium	9-1	1.43	1.40	1.51	1.45	3.70	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.43	2.32	2.50	2.42	3.76	ppb
Cadmium	106-1	1.66	2.55	1.45	1.89	31.03	ppb
Cadmium	111-1	1.86	1.93	1.85	1.88	2.27	ppb
Calcium	43-1	7102.18	7113.03	7157.38	7124.20	0.41	ppb
Calcium	44-1	6881.10	7018.54	6908.44	6936.03	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.93	125.15	125.29	124.79	0.60	ppb
Cobalt	59-2	68.96	69.49	69.56	69.33	0.48	ppb
Copper	63-2	257.54	263.83	258.00	259.79	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	184600.49	187498.30	187709.01	186602.60	0.93	ppb
Iron	57-2	185837.96	185019.58	183920.08	184925.87	0.52	ppb
Iron	54-2	181233.59	184490.43	183155.07	182959.70	0.89	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-06	Instrumnet Name :	P7
Client Sample ID :	MYE5A1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:10:01	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.86	97.80	94.98	95.88	1.73	ppb
Lead	207-1	94.31	96.78	94.46	95.18	1.46	ppb
Lead	208-1	94.63	96.42	94.03	95.03	1.31	ppb
Lithium	6-1				86		%
Magnesium	24-2	20242.68	20532.59	20230.51	20335.26	0.84	ppb
Manganese	55-2	7724.21	7847.78	7787.28	7786.43	0.79	ppb
Molybdenum	94-1	16.49	16.70	17.44	16.88	2.95	ppb
Molybdenum	95-1	2.31	2.34	2.30	2.32	0.91	ppb
Molybdenum	96-1	4.71	4.75	4.87	4.77	1.71	ppb
Molybdenum	97-1	2.24	2.31	2.29	2.28	1.65	ppb
Molybdenum	98-1	2.19	2.23	2.19	2.21	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.38	94.10	93.38	93.62	0.44	ppb
Phosphorus	31-2	1994.79	1993.65	2021.48	2003.31	0.79	ppb
Potassium	39-2	9835.80	9939.74	9934.35	9903.29	0.59	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	0.90	0.90	0.51	0.77	29.11	ppb
Selenium	77-2	11.82	11.92	12.88	12.21	4.83	ppb
Selenium	78-2	2.24	3.17	3.46	2.96	21.49	ppb
Silicon	28-1	1421.92	1428.95	1412.28	1421.05	0.59	ppb
Silver	107-1	0.45	0.45	0.47	0.45	2.60	ppb
Silver	109-1	0.46	0.45	0.47	0.46	1.94	ppb
Sodium	23-2	122.08	125.13	124.04	123.75	1.25	ppb
Strontium	86-1	1648.47	1668.21	1684.39	1667.03	1.08	ppb
Strontium	88-1	1678.51	1705.56	1685.95	1690.01	0.83	ppb
Sulfur	34-1	-947.66	-954.46	-971.75	-957.96		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.39	0.41	0.39	0.40	2.69	ppb
Thallium	205-1	0.39	0.41	0.39	0.39	2.51	ppb
Tin	118-1	2.52	2.52	2.59	2.55	1.62	ppb
Titanium	47-1	1096.10	1117.87	1119.79	1111.25	1.18	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-06	Instrumnet Name :	P7
Client Sample ID :	MYE5A1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:10:01	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.35	1.37	1.34	1.35	1.15	ppb
Vanadium	51-2	288.48	290.50	285.93	288.30	0.79	ppb
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	446.78	450.60	446.64	448.01	0.50	ppb
Zirconium	90-1	8.34	8.43	8.47	8.41	0.81	ppb
Zirconium	91-1	8.35	8.53	8.53	8.47	1.25	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:13:00	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36045.81	36777.93	35955.22	36259.65	1.24	ppb
Antimony	121-1	2.25	2.33	2.31	2.30	1.74	ppb
Arsenic	75-2	121.04	121.90	120.31	121.08	0.66	ppb
Barium	135-1	498.47	519.27	499.85	505.86	2.30	ppb
Barium	137-1	492.30	503.92	500.76	499.00	1.20	ppb
Beryllium	9-1	1.29	1.49	1.30	1.36	8.13	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.03	2.22	2.14	2.13	4.33	ppb
Cadmium	106-1	1.67	2.33	1.25	1.75	31.13	ppb
Cadmium	111-1	1.49	1.57	1.51	1.52	2.88	ppb
Calcium	43-1	9551.68	9652.68	9669.28	9624.55	0.66	ppb
Calcium	44-1	9372.17	9476.91	9418.20	9422.43	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112.08	113.51	111.46	112.35	0.94	ppb
Cobalt	59-2	62.43	63.75	62.90	63.02	1.06	ppb
Copper	63-2	234.03	243.86	235.10	237.66	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	158687.24	162593.38	157622.69	159634.44	1.64	ppb
Iron	57-2	155120.73	158247.84	155696.59	156355.05	1.06	ppb
Iron	54-2	155734.62	158941.52	156561.03	157079.05	1.06	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:13:00	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.29	87.22	89.07	87.53	1.62	ppb
Lead	207-1	85.78	86.42	88.23	86.81	1.46	ppb
Lead	208-1	85.69	86.39	86.91	86.33	0.71	ppb
Lithium	6-1				88		%
Magnesium	24-2	19111.50	19368.30	18836.85	19105.55	1.39	ppb
Manganese	55-2	5571.29	5725.50	5576.44	5624.41	1.56	ppb
Molybdenum	94-1	16.22	16.55	16.35	16.37	1.00	ppb
Molybdenum	95-1	1.87	1.84	1.84	1.85	0.90	ppb
Molybdenum	96-1	4.29	4.32	4.26	4.29	0.71	ppb
Molybdenum	97-1	1.81	1.80	1.77	1.79	1.18	ppb
Molybdenum	98-1	1.79	1.80	1.79	1.79	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.88	88.04	86.37	86.76	1.30	ppb
Phosphorus	31-2	1539.34	1649.40	1573.53	1587.42	3.55	ppb
Potassium	39-2	7998.58	8144.10	7979.37	8040.68	1.12	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	1.20	1.22	0.67	1.03	30.59	ppb
Selenium	77-2	11.14	11.38	13.35	11.95	10.16	ppb
Selenium	78-2	3.25	1.89	2.38	2.51	27.36	ppb
Silicon	28-1	1533.70	1534.69	1556.41	1541.60	0.83	ppb
Silver	107-1	0.42	0.43	0.43	0.43	0.76	ppb
Silver	109-1	0.42	0.42	0.42	0.42	0.27	ppb
Sodium	23-2	191.51	196.66	190.69	192.95	1.68	ppb
Strontium	86-1	1762.40	1800.96	1789.91	1784.43	1.11	ppb
Strontium	88-1	1808.94	1831.68	1819.39	1820.00	0.63	ppb
Sulfur	34-1	-854.65	-862.97	-879.57	-865.73		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.36	0.35	0.36	0.36	1.18	ppb
Thallium	205-1	0.35	0.36	0.36	0.36	1.43	ppb
Tin	118-1	2.34	2.41	2.33	2.36	1.88	ppb
Titanium	47-1	1034.12	1034.19	1038.86	1035.72	0.26	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:13:00	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.15	1.15	1.15	0.64	ppb
Vanadium	51-2	241.28	246.67	239.57	242.51	1.53	ppb
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	266.25	271.86	264.03	267.38	1.51	ppb
Zirconium	90-1	8.42	8.63	8.52	8.52	1.21	ppb
Zirconium	91-1	8.49	8.58	8.53	8.53	0.50	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:16:02	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33619.75	34205.00	34041.04	33955.26	0.89	ppb
Antimony	121-1	2.18	2.16	2.23	2.19	1.60	ppb
Arsenic	75-2	113.22	114.24	112.74	113.40	0.68	ppb
Barium	135-1	461.19	452.85	462.56	458.87	1.15	ppb
Barium	137-1	457.71	450.94	463.04	457.23	1.33	ppb
Beryllium	9-1	1.31	1.33	1.37	1.34	2.29	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.02	2.10	2.21	2.11	4.48	ppb
Cadmium	106-1	1.54	1.63	1.67	1.61	4.25	ppb
Cadmium	111-1	1.39	1.37	1.41	1.39	1.25	ppb
Calcium	43-1	9199.97	9090.54	9496.97	9262.49	2.27	ppb
Calcium	44-1	8987.29	8930.15	9305.96	9074.47	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.90	105.48	105.40	104.93	0.85	ppb
Cobalt	59-2	58.52	59.11	59.69	59.11	1.00	ppb
Copper	63-2	219.00	222.89	224.12	222.00	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	150353.79	151520.50	153705.25	151859.84	1.12	ppb
Iron	57-2	146557.81	148204.86	150144.92	148302.53	1.21	ppb
Iron	54-2	149462.02	150128.95	150175.82	149922.26	0.27	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:16:02	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.04	79.85	81.90	80.60	1.40	ppb
Lead	207-1	80.96	78.96	81.35	80.43	1.60	ppb
Lead	208-1	79.19	79.52	81.09	79.93	1.27	ppb
Lithium	6-1				89		%
Magnesium	24-2	17773.92	17999.58	17815.21	17862.91	0.67	ppb
Manganese	55-2	5095.62	5078.79	5173.69	5116.03	0.99	ppb
Molybdenum	94-1	15.99	15.87	16.31	16.05	1.41	ppb
Molybdenum	95-1	1.74	1.75	1.78	1.76	1.11	ppb
Molybdenum	96-1	4.06	4.06	4.17	4.10	1.49	ppb
Molybdenum	97-1	1.70	1.64	1.74	1.70	2.92	ppb
Molybdenum	98-1	1.66	1.63	1.72	1.67	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.60	80.53	81.07	80.73	0.37	ppb
Phosphorus	31-2	1477.00	1480.79	1474.74	1477.51	0.21	ppb
Potassium	39-2	7364.60	7489.60	7603.99	7486.06	1.60	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				112		%
Selenium	82-1	0.76	0.93	0.79	0.83	10.63	ppb
Selenium	77-2	10.06	10.79	12.01	10.95	8.99	ppb
Selenium	78-2	2.57	2.60	2.05	2.41	12.82	ppb
Silicon	28-1	1534.21	1507.51	1540.53	1527.42	1.15	ppb
Silver	107-1	0.40	0.38	0.40	0.39	2.09	ppb
Silver	109-1	0.39	0.39	0.40	0.39	0.44	ppb
Sodium	23-2	181.94	185.54	184.84	184.11	1.04	ppb
Strontium	86-1	1700.54	1683.02	1748.74	1710.77	1.99	ppb
Strontium	88-1	1728.06	1706.69	1759.85	1731.53	1.54	ppb
Sulfur	34-1	-802.20	-897.86	-814.14	-838.06		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.34	0.34	0.36	0.34	2.85	ppb
Thallium	205-1	0.35	0.34	0.35	0.34	1.46	ppb
Tin	118-1	2.20	2.17	2.21	2.19	0.88	ppb
Titanium	47-1	1002.03	986.70	1017.63	1002.12	1.54	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:16:02	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.07	1.13	1.09	3.04	ppb
Vanadium	51-2	231.16	234.70	237.38	234.41	1.33	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	250.16	251.51	252.63	251.43	0.49	ppb
Zirconium	90-1	8.37	8.28	8.53	8.39	1.53	ppb
Zirconium	91-1	8.37	8.26	8.58	8.40	1.94	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 16:19:02	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7840.48	7828.83	7496.19	7721.83	2.53	ppb
Antimony	121-1	0.45	0.46	0.47	0.46	1.73	ppb
Arsenic	75-2	25.84	26.28	26.24	26.12	0.93	ppb
Barium	135-1	101.52	101.67	102.17	101.79	0.33	ppb
Barium	137-1	99.99	101.92	102.34	101.42	1.23	ppb
Beryllium	9-1	0.28	0.24	0.30	0.27	12.48	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.43	0.43	0.39	16.78	ppb
Cadmium	106-1	-0.46	-0.79	-0.79	-0.68		ppb
Cadmium	111-1	0.28	0.22	0.26	0.25	12.32	ppb
Calcium	43-1	2041.96	2040.09	2039.06	2040.37	0.07	ppb
Calcium	44-1	2017.54	1972.14	1984.09	1991.26	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.07	24.27	23.17	23.84	2.47	ppb
Cobalt	59-2	13.49	13.70	13.21	13.46	1.82	ppb
Copper	63-2	51.15	51.73	49.16	50.68	2.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	33688.78	34393.48	33095.70	33725.99	1.93	ppb
Iron	57-2	33943.02	33864.49	32486.79	33431.43	2.45	ppb
Iron	54-2	33596.61	33962.73	32731.37	33430.24	1.89	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 16:19:02	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.14	18.81	19.25	19.07	1.20	ppb
Lead	207-1	18.99	18.68	18.87	18.85	0.82	ppb
Lead	208-1	18.94	18.67	18.88	18.83	0.76	ppb
Lithium	6-1				91		%
Magnesium	24-2	4146.04	4192.52	3971.15	4103.24	2.84	ppb
Manganese	55-2	1185.53	1214.27	1171.21	1190.33	1.84	ppb
Molybdenum	94-1	3.39	3.33	3.27	3.33	1.81	ppb
Molybdenum	95-1	0.39	0.40	0.40	0.39	1.31	ppb
Molybdenum	96-1	0.88	0.90	0.88	0.89	1.59	ppb
Molybdenum	97-1	0.35	0.38	0.39	0.37	5.02	ppb
Molybdenum	98-1	0.38	0.37	0.37	0.37	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.65	18.94	18.28	18.62	1.75	ppb
Phosphorus	31-2	313.71	329.01	306.74	316.49	3.60	ppb
Potassium	39-2	1716.98	1724.30	1673.05	1704.78	1.63	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.43	0.10	0.28	0.27	60.73	ppb
Selenium	77-2	3.22	3.26	2.80	3.10	8.24	ppb
Selenium	78-2	0.69	-0.29	1.19	0.53	142.46	ppb
Silicon	28-1	319.33	323.71	323.98	322.34	0.81	ppb
Silver	107-1	0.08	0.09	0.09	0.09	5.53	ppb
Silver	109-1	0.09	0.09	0.09	0.09	0.73	ppb
Sodium	23-2	47.48	48.16	43.78	46.47	5.07	ppb
Strontium	86-1	375.31	372.45	372.80	373.52	0.42	ppb
Strontium	88-1	376.64	374.17	372.81	374.54	0.52	ppb
Sulfur	34-1	-1015.85	-1079.30	-1090.69	-1061.95		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.08	0.08	0.08	10.28	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.67	ppb
Tin	118-1	0.48	0.45	0.48	0.47	3.54	ppb
Titanium	47-1	210.55	209.57	209.37	209.83	0.30	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 16:19:02	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.23	0.23	0.97	ppb
Vanadium	51-2	50.56	51.55	49.52	50.54	2.01	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	59.82	60.82	57.92	59.52	2.48	ppb
Zirconium	90-1	1.71	1.75	1.73	1.73	1.01	ppb
Zirconium	91-1	1.72	1.78	1.72	1.74	1.75	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:22:14	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37454.35	36732.21	36891.62	37026.06	1.02	ppb
Antimony	121-1	69.51	73.18	74.54	72.41	3.59	ppb
Arsenic	75-2	144.44	143.44	145.43	144.44	0.69	ppb
Barium	135-1	1783.63	1878.18	1885.05	1848.95	3.07	ppb
Barium	137-1	1755.43	1870.60	1871.63	1832.55	3.64	ppb
Beryllium	9-1	34.56	34.45	35.39	34.80	1.48	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.70	33.42	34.96	33.69	3.42	ppb
Cadmium	106-1	31.89	32.50	31.75	32.05	1.25	ppb
Cadmium	111-1	35.17	37.30	37.17	36.55	3.27	ppb
Calcium	43-1	8743.11	9355.42	9248.17	9115.57	3.59	ppb
Calcium	44-1	8573.41	9085.26	8996.71	8885.13	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.34	260.89	260.70	259.98	0.55	ppb
Cobalt	59-2	422.20	422.66	430.12	424.99	1.05	ppb
Copper	63-2	405.43	405.12	405.75	405.43	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	159312.82	156440.02	158751.12	158167.99	0.96	ppb
Iron	57-2	155523.93	156783.03	156055.95	156120.97	0.40	ppb
Iron	54-2	157988.23	155374.93	157014.26	156792.47	0.84	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:22:14	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.16	97.19	96.31	95.55	2.22	ppb
Lead	207-1	91.79	96.31	96.62	94.91	2.85	ppb
Lead	208-1	92.65	96.84	96.67	95.39	2.49	ppb
Lithium	6-1				89		%
Magnesium	24-2	18966.33	19031.91	19072.19	19023.48	0.28	ppb
Manganese	55-2	5929.54	5836.52	5893.56	5886.54	0.80	ppb
Molybdenum	94-1	15.06	15.64	16.04	15.58	3.17	ppb
Molybdenum	95-1	1.68	1.79	1.81	1.76	4.15	ppb
Molybdenum	96-1	3.89	4.08	4.10	4.02	2.91	ppb
Molybdenum	97-1	1.69	1.74	1.72	1.72	1.48	ppb
Molybdenum	98-1	1.63	1.72	1.74	1.70	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	452.62	451.65	457.81	454.03	0.73	ppb
Phosphorus	31-2	1547.16	1546.85	1541.17	1545.06	0.22	ppb
Potassium	39-2	7767.78	7798.29	7863.80	7809.96	0.63	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	70.99	73.04	74.16	72.73	2.21	ppb
Selenium	77-2	85.62	82.17	84.79	84.19	2.14	ppb
Selenium	78-2	73.78	75.51	73.82	74.37	1.33	ppb
Silicon	28-1	1410.31	1529.78	1485.13	1475.07	4.09	ppb
Silver	107-1	28.40	30.18	30.02	29.53	3.34	ppb
Silver	109-1	28.88	30.35	30.28	29.84	2.77	ppb
Sodium	23-2	190.86	192.39	190.36	191.20	0.55	ppb
Strontium	86-1	1628.21	1701.02	1739.24	1689.49	3.34	ppb
Strontium	88-1	1645.39	1710.07	1760.25	1705.24	3.38	ppb
Sulfur	34-1	-944.04	-811.87	-853.53	-869.81		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	34.55	36.30	36.07	35.64	2.67	ppb
Thallium	205-1	34.12	36.24	36.37	35.58	3.55	ppb
Tin	118-1	2.08	2.21	2.19	2.16	3.30	ppb
Titanium	47-1	933.93	1011.87	999.61	981.80	4.27	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:22:14	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.11	1.10	1.08	2.94	ppb
Vanadium	51-2	594.47	585.45	590.91	590.28	0.77	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	607.77	605.24	606.71	606.57	0.21	ppb
Zirconium	90-1	7.76	8.12	8.28	8.05	3.32	ppb
Zirconium	91-1	7.79	8.14	8.28	8.07	3.10	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:25:10	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39842.97	40157.92	40913.24	40304.71	1.36	ppb
Antimony	121-1	292.66	299.25	302.33	298.08	1.66	ppb
Arsenic	75-2	224.36	224.36	231.65	226.79	1.85	ppb
Barium	135-1	6121.97	6305.90	6411.30	6279.72	2.33	ppb
Barium	137-1	5987.71	6295.24	6376.87	6219.94	3.30	ppb
Beryllium	9-1	135.58	142.04	142.93	140.18	2.86	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	130.65	134.73	135.59	133.66	1.98	ppb
Cadmium	106-1	130.32	130.69	131.18	130.73	0.33	ppb
Cadmium	111-1	146.10	148.07	150.37	148.18	1.44	ppb
Calcium	43-1	8826.84	9167.39	9221.68	9071.97	2.36	ppb
Calcium	44-1	8683.40	8997.32	9019.65	8900.12	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	702.15	699.50	702.58	701.41	0.24	ppb
Cobalt	59-2	1551.56	1559.50	1566.14	1559.06	0.47	ppb
Copper	63-2	933.07	934.39	953.93	940.47	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	156263.46	158558.29	161224.61	158682.12	1.56	ppb
Iron	57-2	156694.98	156798.22	158341.54	157278.24	0.59	ppb
Iron	54-2	156876.18	156109.66	157352.92	156779.59	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:25:10	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	136.11	142.41	142.51	140.34	2.61	ppb
Lead	207-1	134.57	139.36	142.36	138.77	2.83	ppb
Lead	208-1	135.78	140.25	141.79	139.27	2.24	ppb
Lithium	6-1				86		%
Magnesium	24-2	18489.09	18445.58	18776.89	18570.52	0.97	ppb
Manganese	55-2	6810.86	6757.01	6907.07	6824.98	1.11	ppb
Molybdenum	94-1	15.08	15.88	15.70	15.55	2.72	ppb
Molybdenum	95-1	1.76	1.77	1.84	1.79	2.30	ppb
Molybdenum	96-1	3.98	4.04	4.12	4.05	1.67	ppb
Molybdenum	97-1	1.68	1.72	1.74	1.71	1.81	ppb
Molybdenum	98-1	1.68	1.73	1.75	1.72	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1564.34	1585.63	1611.41	1587.13	1.49	ppb
Phosphorus	31-2	1509.44	1516.29	1523.51	1516.41	0.46	ppb
Potassium	39-2	7610.06	7669.00	7777.25	7685.43	1.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	299.95	306.90	308.49	305.11	1.49	ppb
Selenium	77-2	313.94	311.24	314.09	313.09	0.51	ppb
Selenium	78-2	299.56	304.96	315.21	306.58	2.59	ppb
Silicon	28-1	1405.88	1502.49	1495.40	1467.93	3.67	ppb
Silver	107-1	104.65	108.19	106.86	106.57	1.68	ppb
Silver	109-1	106.51	115.64	110.44	110.86	4.13	ppb
Sodium	23-2	188.44	190.19	192.31	190.31	1.02	ppb
Strontium	86-1	1649.40	1682.82	1690.05	1674.09	1.30	ppb
Strontium	88-1	1664.64	1701.03	1709.50	1691.72	1.41	ppb
Sulfur	34-1	-853.11	-823.34	-893.60	-856.68		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	146.55	150.41	149.92	148.96	1.41	ppb
Thallium	205-1	145.60	148.52	148.11	147.41	1.07	ppb
Tin	118-1	2.07	2.13	2.15	2.12	1.99	ppb
Titanium	47-1	951.69	1012.59	1002.86	989.05	3.31	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:25:10	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.07	1.08	1.06	2.30	ppb
Vanadium	51-2	1662.12	1664.59	1682.45	1669.72	0.66	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	1710.59	1691.77	1721.16	1707.84	0.87	ppb
Zirconium	90-1	7.80	8.05	8.06	7.97	1.86	ppb
Zirconium	91-1	7.96	8.21	8.07	8.08	1.56	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-10	Instrumnet Name :	P7
Client Sample ID :	MYE5A3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:28:02	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39063.62	39525.77	37381.74	38657.05	2.92	ppb
Antimony	121-1	1.90	1.97	1.95	1.94	2.05	ppb
Arsenic	75-2	130.64	129.17	128.42	129.41	0.87	ppb
Barium	135-1	501.63	521.49	520.31	514.48	2.17	ppb
Barium	137-1	501.29	522.16	519.30	514.25	2.20	ppb
Beryllium	9-1	1.48	1.51	1.57	1.52	3.09	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.72	2.93	2.89	2.85	3.91	ppb
Cadmium	106-1	2.14	1.78	1.49	1.81	18.04	ppb
Cadmium	111-1	2.08	2.10	2.06	2.08	0.78	ppb
Calcium	43-1	4979.83	5183.39	5185.57	5116.26	2.31	ppb
Calcium	44-1	4874.64	5018.64	5118.95	5004.08	2.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.07	120.45	115.79	119.10	2.42	ppb
Cobalt	59-2	68.04	67.22	65.51	66.92	1.93	ppb
Copper	63-2	328.50	322.05	312.34	320.96	2.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	160809.66	161595.07	157321.43	159908.72	1.42	ppb
Iron	57-2	159339.52	158238.11	154697.91	157425.18	1.54	ppb
Iron	54-2	161467.29	159159.95	154459.86	158362.37	2.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-10	Instrumnet Name :	P7
Client Sample ID :	MYE5A3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:28:02	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	100.40	104.88	102.52	102.60	2.18	ppb
Lead	207-1	98.79	102.89	103.25	101.64	2.44	ppb
Lead	208-1	99.07	103.62	103.26	101.99	2.48	ppb
Lithium	6-1				86		%
Magnesium	24-2	20386.55	20111.66	19384.14	19960.79	2.59	ppb
Manganese	55-2	6209.31	6159.35	6006.48	6125.04	1.73	ppb
Molybdenum	94-1	16.59	17.12	16.95	16.89	1.60	ppb
Molybdenum	95-1	1.83	1.87	1.85	1.85	1.13	ppb
Molybdenum	96-1	4.18	4.30	4.33	4.27	1.81	ppb
Molybdenum	97-1	1.76	1.81	1.81	1.79	1.55	ppb
Molybdenum	98-1	1.72	1.75	1.76	1.74	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.43	91.83	88.99	91.41	2.46	ppb
Phosphorus	31-2	1575.99	1591.93	1513.66	1560.53	2.65	ppb
Potassium	39-2	9270.21	9403.63	9119.98	9264.61	1.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	0.77	0.80	0.95	0.84	11.38	ppb
Selenium	77-2	15.92	14.85	12.17	14.31	13.49	ppb
Selenium	78-2	3.78	3.24	3.16	3.39	9.94	ppb
Silicon	28-1	1638.33	1709.95	1702.77	1683.68	2.34	ppb
Silver	107-1	0.62	0.64	0.61	0.63	2.11	ppb
Silver	109-1	0.63	0.63	0.62	0.63	0.65	ppb
Sodium	23-2	116.18	115.25	111.54	114.32	2.15	ppb
Strontium	86-1	1167.09	1209.59	1203.26	1193.31	1.92	ppb
Strontium	88-1	1195.70	1224.91	1230.78	1217.13	1.54	ppb
Sulfur	34-1	-1142.30	-1168.67	-1207.83	-1172.94		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.48	0.48	0.48	0.48	0.60	ppb
Thallium	205-1	0.47	0.46	0.46	0.47	0.90	ppb
Tin	118-1	2.30	2.41	2.42	2.38	2.68	ppb
Titanium	47-1	1094.62	1143.64	1143.38	1127.21	2.50	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-10	Instrumnet Name :	P7
Client Sample ID :	MYE5A3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:28:02	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	1.32	1.31	1.30	1.97	ppb
Vanadium	51-2	276.99	274.35	267.66	273.00	1.76	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	306.18	301.79	290.73	299.57	2.66	ppb
Zirconium	90-1	8.50	8.78	8.72	8.67	1.75	ppb
Zirconium	91-1	8.66	8.94	8.82	8.80	1.60	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-11	Instrumnet Name :	P7
Client Sample ID :	MYE5A4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:31:02	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36591.83	38557.48	38168.24	37772.52	2.76	ppb
Antimony	121-1	1.62	1.64	1.65	1.64	1.00	ppb
Arsenic	75-2	105.97	107.68	106.30	106.65	0.85	ppb
Barium	135-1	441.71	439.58	434.07	438.45	0.90	ppb
Barium	137-1	439.13	437.16	439.06	438.45	0.26	ppb
Beryllium	9-1	1.27	1.42	1.40	1.36	6.00	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.53	1.52	1.49	3.81	ppb
Cadmium	106-1	1.05	0.66	0.52	0.74	37.04	ppb
Cadmium	111-1	0.89	0.88	0.86	0.88	1.60	ppb
Calcium	43-1	14926.59	14945.01	15010.81	14960.80	0.30	ppb
Calcium	44-1	14626.08	14766.65	14471.72	14621.49	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.93	99.80	98.94	98.56	1.49	ppb
Cobalt	59-2	53.52	55.86	55.40	54.92	2.26	ppb
Copper	63-2	180.63	192.00	186.10	186.24	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	125977.32	128974.48	128038.98	127663.60	1.20	ppb
Iron	57-2	124858.17	127352.28	125968.39	126059.61	0.99	ppb
Iron	54-2	123653.55	128679.93	126957.59	126430.36	2.02	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-11	Instrumnet Name :	P7
Client Sample ID :	MYE5A4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:31:02	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.55	46.73	46.54	46.28	1.37	ppb
Lead	207-1	44.32	45.25	44.96	44.84	1.06	ppb
Lead	208-1	44.67	45.73	45.35	45.25	1.18	ppb
Lithium	6-1				87		%
Magnesium	24-2	21293.37	22692.33	22008.65	21998.12	3.18	ppb
Manganese	55-2	4348.70	4465.21	4413.57	4409.16	1.32	ppb
Molybdenum	94-1	13.67	14.02	14.09	13.93	1.59	ppb
Molybdenum	95-1	1.95	2.01	2.01	1.99	1.65	ppb
Molybdenum	96-1	3.90	3.93	3.94	3.92	0.54	ppb
Molybdenum	97-1	1.91	1.94	1.97	1.94	1.64	ppb
Molybdenum	98-1	1.89	1.91	1.95	1.92	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.13	81.74	80.95	80.61	1.66	ppb
Phosphorus	31-2	2963.46	3081.80	3090.63	3045.30	2.33	ppb
Potassium	39-2	8991.43	9311.71	9214.50	9172.54	1.79	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	1.19	0.81	0.90	0.96	20.43	ppb
Selenium	77-2	12.11	12.56	13.84	12.84	6.98	ppb
Selenium	78-2	2.92	3.42	2.55	2.96	14.71	ppb
Silicon	28-1	1725.53	1692.39	1708.52	1708.81	0.97	ppb
Silver	107-1	0.18	0.18	0.18	0.18	0.67	ppb
Silver	109-1	0.18	0.19	0.17	0.18	4.49	ppb
Sodium	23-2	166.28	174.44	170.28	170.33	2.39	ppb
Strontium	86-1	2736.56	2757.43	2779.58	2757.86	0.78	ppb
Strontium	88-1	2808.37	2809.17	2801.25	2806.26	0.16	ppb
Sulfur	34-1	-478.90	-580.84	-575.64	-545.12		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.35	0.37	0.35	0.36	2.07	ppb
Thallium	205-1	0.35	0.36	0.35	0.35	1.71	ppb
Tin	118-1	2.28	2.27	2.34	2.30	1.80	ppb
Titanium	47-1	825.80	812.36	820.05	819.40	0.82	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-11	Instrumnet Name :	P7
Client Sample ID :	MYE5A4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:31:02	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.39	1.43	1.41	1.41	1.41	ppb
Vanadium	51-2	230.11	241.32	234.09	235.17	2.41	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	296.60	309.43	308.23	304.75	2.33	ppb
Zirconium	90-1	6.88	7.01	7.05	6.98	1.25	ppb
Zirconium	91-1	6.89	7.01	7.09	7.00	1.43	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-12	Instrumnet Name :	P7
Client Sample ID :	MYE5A5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:34:04	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39627.85	39528.00	38899.78	39351.88	1.00	ppb
Antimony	121-1	1.59	1.58	1.55	1.58	1.42	ppb
Arsenic	75-2	102.73	101.32	101.49	101.85	0.76	ppb
Barium	135-1	515.10	518.51	503.14	512.25	1.58	ppb
Barium	137-1	512.26	511.74	496.65	506.88	1.75	ppb
Beryllium	9-1	1.30	1.39	1.42	1.37	4.18	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.36	1.48	1.51	1.45	5.64	ppb
Cadmium	106-1	0.73	0.58	-0.32	0.33	171.61	ppb
Cadmium	111-1	0.88	0.83	0.75	0.82	7.75	ppb
Calcium	43-1	13612.80	14104.99	13773.12	13830.31	1.82	ppb
Calcium	44-1	13463.84	13692.90	13374.99	13510.58	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.58	100.23	98.66	99.82	1.03	ppb
Cobalt	59-2	53.95	53.90	52.87	53.58	1.13	ppb
Copper	63-2	188.30	189.50	186.38	188.06	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	121624.48	120845.51	120617.51	121029.17	0.44	ppb
Iron	57-2	119967.73	118711.11	117349.41	118676.09	1.10	ppb
Iron	54-2	119628.67	119247.30	118346.33	119074.10	0.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-12	Instrumnet Name :	P7
Client Sample ID :	MYE5A5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:34:04	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.35	48.66	48.94	48.65	0.60	ppb
Lead	207-1	46.76	47.33	47.44	47.18	0.77	ppb
Lead	208-1	47.39	47.65	47.91	47.65	0.54	ppb
Lithium	6-1				87		%
Magnesium	24-2	21551.15	21600.53	21308.34	21486.68	0.73	ppb
Manganese	55-2	4910.11	4951.19	4845.82	4902.37	1.08	ppb
Molybdenum	94-1	13.44	13.44	13.21	13.36	1.01	ppb
Molybdenum	95-1	1.89	1.94	1.93	1.92	1.26	ppb
Molybdenum	96-1	3.72	3.84	3.83	3.80	1.83	ppb
Molybdenum	97-1	1.94	1.89	1.93	1.92	1.24	ppb
Molybdenum	98-1	1.87	1.89	1.86	1.87	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.64	82.13	80.88	81.88	1.11	ppb
Phosphorus	31-2	3161.40	3141.81	3080.79	3128.00	1.34	ppb
Potassium	39-2	9108.81	9144.63	9112.07	9121.84	0.22	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	82-1	0.97	0.82	0.92	0.90	8.50	ppb
Selenium	77-2	13.56	10.44	11.94	11.98	13.05	ppb
Selenium	78-2	2.86	2.68	2.48	2.67	7.14	ppb
Silicon	28-1	1679.71	1703.22	1669.50	1684.14	1.03	ppb
Silver	107-1	0.19	0.19	0.18	0.19	1.11	ppb
Silver	109-1	0.19	0.19	0.18	0.19	2.18	ppb
Sodium	23-2	164.01	163.38	161.06	162.82	0.95	ppb
Strontium	86-1	2852.12	2833.38	2833.50	2839.67	0.38	ppb
Strontium	88-1	2912.30	2881.34	2849.76	2881.14	1.09	ppb
Sulfur	34-1	-501.46	-498.49	-638.29	-546.08		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.36	0.35	0.35	0.35	0.83	ppb
Thallium	205-1	0.35	0.36	0.37	0.36	3.11	ppb
Tin	118-1	2.07	2.09	2.01	2.06	2.09	ppb
Titanium	47-1	854.66	873.74	851.83	860.08	1.39	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-12	Instrumnet Name :	P7
Client Sample ID :	MYE5A5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:34:04	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.47	1.50	1.53	1.50	1.92	ppb
Vanadium	51-2	225.55	224.65	225.54	225.25	0.23	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	298.33	299.24	291.30	296.29	1.47	ppb
Zirconium	90-1	6.65	6.72	6.71	6.69	0.55	ppb
Zirconium	91-1	6.67	6.71	6.70	6.69	0.29	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-13	Instrumnet Name :	P7
Client Sample ID :	MYE5A6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:37:05	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60963.61	62107.09	60729.09	61266.60	1.20	ppb
Antimony	121-1	1.59	1.67	1.65	1.63	2.59	ppb
Arsenic	75-2	63.17	64.82	63.85	63.95	1.30	ppb
Barium	135-1	137.22	141.81	139.52	139.52	1.64	ppb
Barium	137-1	136.32	140.99	140.78	139.37	1.89	ppb
Beryllium	9-1	0.49	0.54	0.66	0.56	15.40	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.15	2.03	1.91	2.03	5.82	ppb
Cadmium	106-1	0.80	0.39	0.40	0.53	43.67	ppb
Cadmium	111-1	0.45	0.46	0.44	0.45	1.87	ppb
Calcium	43-1	14099.81	14930.36	14702.07	14577.41	2.94	ppb
Calcium	44-1	13780.94	14535.09	14366.71	14227.58	2.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	320.77	329.30	316.12	322.06	2.08	ppb
Cobalt	59-2	100.69	102.53	101.63	101.61	0.91	ppb
Copper	63-2	301.26	303.69	298.12	301.02	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	136300.83	138543.86	133871.83	136238.84	1.72	ppb
Iron	57-2	133572.86	137329.87	130782.37	133895.03	2.45	ppb
Iron	54-2	133987.30	137821.93	133666.58	135158.60	1.71	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-13	Instrumnet Name :	P7
Client Sample ID :	MYE5A6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:37:05	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.08	18.60	18.52	18.40	1.53	ppb
Lead	207-1	17.82	18.42	18.36	18.20	1.82	ppb
Lead	208-1	17.90	18.39	18.45	18.25	1.65	ppb
Lithium	6-1				87		%
Magnesium	24-2	53666.50	54365.55	52334.53	53455.53	1.93	ppb
Manganese	55-2	2714.82	2785.08	2695.80	2731.90	1.72	ppb
Molybdenum	94-1	5.99	6.40	6.31	6.23	3.41	ppb
Molybdenum	95-1	0.79	0.81	0.79	0.80	1.23	ppb
Molybdenum	96-1	2.08	2.19	2.20	2.16	3.22	ppb
Molybdenum	97-1	0.72	0.81	0.82	0.78	6.68	ppb
Molybdenum	98-1	0.74	0.77	0.77	0.76	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.00	259.13	251.41	255.85	1.56	ppb
Phosphorus	31-2	1176.16	1199.79	1177.43	1184.46	1.12	ppb
Potassium	39-2	4295.17	4276.53	4298.95	4290.22	0.28	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	0.63	0.33	0.66	0.54	34.16	ppb
Selenium	77-2	7.86	6.21	5.54	6.54	18.27	ppb
Selenium	78-2	1.74	2.27	1.63	1.88	18.23	ppb
Silicon	28-1	1226.59	1293.45	1261.59	1260.54	2.65	ppb
Silver	107-1	0.13	0.13	0.13	0.13	3.79	ppb
Silver	109-1	0.13	0.14	0.14	0.14	0.92	ppb
Sodium	23-2	313.12	318.50	303.17	311.59	2.50	ppb
Strontium	86-1	1573.46	1652.79	1648.64	1624.96	2.75	ppb
Strontium	88-1	1589.19	1665.64	1660.50	1638.44	2.61	ppb
Sulfur	34-1	-1088.32	-991.52	-1045.35	-1041.73		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.11	0.11	0.12	0.11	4.14	ppb
Thallium	205-1	0.11	0.11	0.12	0.11	0.95	ppb
Tin	118-1	1.77	1.84	1.78	1.80	2.27	ppb
Titanium	47-1	1257.26	1334.73	1315.33	1302.44	3.10	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-13	Instrumnet Name :	P7
Client Sample ID :	MYE5A6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:37:05	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.36	0.36	0.35	1.45	ppb
Vanadium	51-2	264.74	268.31	265.37	266.14	0.72	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	183.55	185.93	181.31	183.60	1.26	ppb
Zirconium	90-1	3.03	3.23	3.22	3.16	3.63	ppb
Zirconium	91-1	3.06	3.25	3.25	3.19	3.50	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-14	Instrumnet Name :	P7
Client Sample ID :	MYE5A7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:40:08	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53449.22	52307.37	52547.20	52767.93	1.14	ppb
Antimony	121-1	1.23	1.26	1.25	1.25	1.21	ppb
Arsenic	75-2	82.38	82.19	83.74	82.77	1.02	ppb
Barium	135-1	302.74	299.22	310.15	304.04	1.84	ppb
Barium	137-1	301.36	303.42	307.12	303.97	0.96	ppb
Beryllium	9-1	0.88	0.95	0.93	0.92	3.69	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.06	1.96	1.95	1.99	3.16	ppb
Cadmium	106-1	1.50	1.01	0.89	1.14	28.20	ppb
Cadmium	111-1	0.87	0.89	0.88	0.88	1.43	ppb
Calcium	43-1	14633.14	15114.92	15198.87	14982.31	2.04	ppb
Calcium	44-1	14260.60	14785.50	14869.05	14638.39	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	256.33	255.32	257.17	256.27	0.36	ppb
Cobalt	59-2	78.36	78.90	78.46	78.57	0.37	ppb
Copper	63-2	283.32	272.74	273.16	276.41	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	144846.39	140783.79	141186.42	142272.20	1.57	ppb
Iron	57-2	142602.79	142007.87	141908.18	142172.95	0.26	ppb
Iron	54-2	141167.95	139261.78	143033.01	141154.25	1.34	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-14	Instrumnet Name :	P7
Client Sample ID :	MYE5A7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:40:08	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.07	49.26	48.67	48.33	2.34	ppb
Lead	207-1	46.90	49.21	49.11	48.41	2.69	ppb
Lead	208-1	46.96	48.91	48.69	48.19	2.21	ppb
Lithium	6-1				88		%
Magnesium	24-2	44146.40	42557.32	43322.10	43341.94	1.83	ppb
Manganese	55-2	3903.88	3811.03	3878.31	3864.41	1.24	ppb
Molybdenum	94-1	11.14	11.41	11.75	11.43	2.70	ppb
Molybdenum	95-1	1.07	1.10	1.13	1.10	2.63	ppb
Molybdenum	96-1	2.93	2.96	3.03	2.97	1.66	ppb
Molybdenum	97-1	1.07	1.11	1.11	1.10	2.08	ppb
Molybdenum	98-1	1.03	1.06	1.06	1.05	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	202.62	199.00	198.83	200.15	1.07	ppb
Phosphorus	31-2	1234.73	1193.84	1202.56	1210.37	1.78	ppb
Potassium	39-2	4197.42	4235.13	4290.33	4240.96	1.10	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	0.69	0.16	0.22	0.36	82.04	ppb
Selenium	77-2	9.38	7.40	8.14	8.31	12.07	ppb
Selenium	78-2	2.26	2.27	1.95	2.16	8.48	ppb
Silicon	28-1	1537.26	1592.13	1605.92	1578.44	2.30	ppb
Silver	107-1	0.29	0.27	0.29	0.29	3.87	ppb
Silver	109-1	0.29	0.28	0.28	0.28	2.34	ppb
Sodium	23-2	274.01	266.59	274.39	271.66	1.62	ppb
Strontium	86-1	1409.25	1441.25	1474.20	1441.56	2.25	ppb
Strontium	88-1	1416.52	1489.31	1484.59	1463.47	2.78	ppb
Sulfur	34-1	-1058.56	-1020.49	-1012.16	-1030.41		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.22	0.22	0.22	0.22	1.80	ppb
Thallium	205-1	0.21	0.22	0.22	0.22	1.81	ppb
Tin	118-1	1.93	2.02	2.01	1.99	2.38	ppb
Titanium	47-1	1269.30	1306.60	1300.08	1291.99	1.54	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-14	Instrumnet Name :	P7
Client Sample ID :	MYE5A7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:40:08	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.63	0.62	0.62	0.84	ppb
Vanadium	51-2	273.57	268.67	274.50	272.25	1.15	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	208.62	204.79	206.08	206.49	0.94	ppb
Zirconium	90-1	5.89	6.01	6.11	6.00	1.81	ppb
Zirconium	91-1	5.90	6.04	6.17	6.04	2.16	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-15	Instrumnet Name :	P7
Client Sample ID :	MYE5A8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:43:09	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41912.77	40217.86	40464.70	40865.11	2.24	ppb
Antimony	121-1	2.03	2.16	2.09	2.09	2.94	ppb
Arsenic	75-2	121.03	121.02	120.08	120.71	0.45	ppb
Barium	135-1	557.70	579.52	569.51	568.91	1.92	ppb
Barium	137-1	554.91	575.95	569.68	566.85	1.91	ppb
Beryllium	9-1	1.43	1.35	1.43	1.40	3.52	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.65	1.71	1.74	1.70	2.95	ppb
Cadmium	106-1	1.58	0.96	0.37	0.97	62.82	ppb
Cadmium	111-1	1.18	1.15	1.10	1.14	3.20	ppb
Calcium	43-1	8280.54	8511.54	8471.17	8421.08	1.47	ppb
Calcium	44-1	7919.15	8324.42	8146.90	8130.16	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.19	115.14	117.44	117.92	2.59	ppb
Cobalt	59-2	70.75	67.65	68.59	69.00	2.31	ppb
Copper	63-2	228.99	217.35	219.00	221.78	2.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	185730.30	177912.16	182976.81	182206.43	2.18	ppb
Iron	57-2	186936.74	176822.22	180079.00	181279.32	2.85	ppb
Iron	54-2	183753.44	176135.32	180191.98	180026.91	2.12	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-15	Instrumnet Name :	P7
Client Sample ID :	MYE5A8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:43:09	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	66.24	68.23	69.14	67.87	2.19	ppb
Lead	207-1	66.28	67.91	68.97	67.72	2.00	ppb
Lead	208-1	66.13	67.42	68.72	67.42	1.92	ppb
Lithium	6-1				87		%
Magnesium	24-2	22177.98	21432.87	21522.90	21711.25	1.87	ppb
Manganese	55-2	6999.50	6719.24	6961.08	6893.28	2.20	ppb
Molybdenum	94-1	13.60	14.49	14.66	14.25	3.99	ppb
Molybdenum	95-1	2.14	2.25	2.27	2.22	3.11	ppb
Molybdenum	96-1	4.34	4.49	4.63	4.49	3.15	ppb
Molybdenum	97-1	2.13	2.16	2.18	2.16	1.14	ppb
Molybdenum	98-1	2.06	2.14	2.21	2.14	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.52	89.48	90.08	90.70	1.77	ppb
Phosphorus	31-2	2359.32	2305.10	2285.80	2316.74	1.65	ppb
Potassium	39-2	11658.10	11292.33	11535.14	11495.19	1.62	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	0.59	0.55	0.69	0.61	11.39	ppb
Selenium	77-2	11.66	11.45	12.10	11.74	2.82	ppb
Selenium	78-2	2.92	3.38	2.53	2.94	14.45	ppb
Silicon	28-1	1424.46	1459.69	1479.97	1454.71	1.93	ppb
Silver	107-1	0.33	0.36	0.35	0.34	4.83	ppb
Silver	109-1	0.34	0.35	0.35	0.34	2.04	ppb
Sodium	23-2	145.48	139.02	141.08	141.86	2.33	ppb
Strontium	86-1	2390.61	2494.10	2493.64	2459.45	2.42	ppb
Strontium	88-1	2427.13	2525.00	2548.98	2500.37	2.58	ppb
Sulfur	34-1	-770.31	-740.55	-780.68	-763.85		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.35	0.35	0.37	0.36	3.19	ppb
Thallium	205-1	0.35	0.35	0.38	0.36	3.74	ppb
Tin	118-1	1.96	2.04	2.04	2.01	2.42	ppb
Titanium	47-1	970.70	995.52	988.71	984.98	1.30	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-15	Instrumnet Name :	P7
Client Sample ID :	MYE5A8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:43:09	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.22	1.25	1.22	2.09	ppb
Vanadium	51-2	299.63	290.22	287.81	292.55	2.13	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	357.30	338.63	343.84	346.59	2.78	ppb
Zirconium	90-1	6.89	7.13	7.19	7.07	2.28	ppb
Zirconium	91-1	6.95	7.20	7.23	7.13	2.19	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-16	Instrumnet Name :	P7
Client Sample ID :	MYE5A9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:46:12	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55832.66	55318.48	55192.92	55448.02	0.61	ppb
Antimony	121-1	1.21	1.24	1.24	1.23	1.64	ppb
Arsenic	75-2	138.40	139.98	137.20	138.53	1.00	ppb
Barium	135-1	654.57	661.69	668.90	661.72	1.08	ppb
Barium	137-1	637.55	661.89	657.73	652.39	2.00	ppb
Beryllium	9-1	2.35	2.33	2.29	2.32	1.49	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.54	1.64	1.54	1.57	3.50	ppb
Cadmium	106-1	1.32	0.66	0.32	0.77	66.66	ppb
Cadmium	111-1	0.66	0.67	0.64	0.66	2.31	ppb
Calcium	43-1	10524.99	10776.03	10832.17	10711.06	1.53	ppb
Calcium	44-1	10309.47	10381.49	10546.71	10412.56	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	141.40	138.82	139.23	139.82	0.99	ppb
Cobalt	59-2	71.57	72.46	70.77	71.60	1.18	ppb
Copper	63-2	199.56	201.83	196.81	199.40	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	176859.67	179009.77	175750.73	177206.72	0.94	ppb
Iron	57-2	173384.29	178820.09	173089.24	175097.88	1.84	ppb
Iron	54-2	172995.10	175382.69	174053.87	174143.89	0.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-16	Instrumnet Name :	P7
Client Sample ID :	MYE5A9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:46:12	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.75	69.98	70.16	69.30	1.94	ppb
Lead	207-1	67.52	69.20	69.19	68.64	1.41	ppb
Lead	208-1	67.55	69.52	69.02	68.70	1.49	ppb
Lithium	6-1				82		%
Magnesium	24-2	23277.46	23471.60	22741.34	23163.47	1.63	ppb
Manganese	55-2	7385.64	7448.87	7394.78	7409.76	0.46	ppb
Molybdenum	94-1	17.56	17.91	18.07	17.85	1.45	ppb
Molybdenum	95-1	1.54	1.57	1.57	1.56	1.17	ppb
Molybdenum	96-1	4.13	4.18	4.22	4.18	1.18	ppb
Molybdenum	97-1	1.45	1.52	1.53	1.50	2.73	ppb
Molybdenum	98-1	1.43	1.46	1.46	1.45	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.55	102.03	99.16	100.58	1.43	ppb
Phosphorus	31-2	1097.45	1096.72	1109.36	1101.18	0.64	ppb
Potassium	39-2	5674.46	5799.03	5735.41	5736.30	1.09	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.48	0.63	0.77	0.62	23.30	ppb
Selenium	77-2	15.93	15.54	16.16	15.88	1.97	ppb
Selenium	78-2	4.22	3.82	3.57	3.87	8.37	ppb
Silicon	28-1	1605.61	1661.06	1662.76	1643.14	1.98	ppb
Silver	107-1	0.28	0.29	0.28	0.28	3.10	ppb
Silver	109-1	0.28	0.29	0.29	0.29	2.00	ppb
Sodium	23-2	139.35	143.38	140.18	140.97	1.51	ppb
Strontium	86-1	1887.22	1915.06	1913.59	1905.29	0.82	ppb
Strontium	88-1	1920.88	1942.08	1969.40	1944.12	1.25	ppb
Sulfur	34-1	-1102.37	-1107.56	-1103.23	-1104.39		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.52	0.53	0.55	0.53	2.47	ppb
Thallium	205-1	0.53	0.54	0.55	0.54	1.96	ppb
Tin	118-1	2.44	2.58	2.58	2.53	3.20	ppb
Titanium	47-1	903.83	932.09	925.59	920.50	1.61	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-16	Instrumnet Name :	P7
Client Sample ID :	MYE5A9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:46:12	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.42	1.47	1.47	1.45	2.03	ppb
Vanadium	51-2	301.81	303.75	299.46	301.67	0.71	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	234.36	236.39	235.25	235.34	0.43	ppb
Zirconium	90-1	9.30	9.53	9.62	9.48	1.74	ppb
Zirconium	91-1	9.37	9.47	9.72	9.52	1.91	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-17	Instrumnet Name :	P7
Client Sample ID :	MYE5B0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:49:13	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56671.02	57143.44	56576.38	56796.95	0.53	ppb
Antimony	121-1	1.51	1.54	1.56	1.54	1.53	ppb
Arsenic	75-2	128.92	125.68	128.12	127.57	1.32	ppb
Barium	135-1	630.04	644.17	650.56	641.59	1.64	ppb
Barium	137-1	624.74	635.44	640.80	633.66	1.29	ppb
Beryllium	9-1	1.95	2.26	2.02	2.08	7.97	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.46	1.43	1.71	1.53	9.99	ppb
Cadmium	106-1	0.72	0.49	0.47	0.56	25.05	ppb
Cadmium	111-1	0.56	0.59	0.55	0.57	3.48	ppb
Calcium	43-1	9995.28	10020.02	10052.03	10022.44	0.28	ppb
Calcium	44-1	9643.25	9831.53	9787.04	9753.94	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137.79	140.20	137.51	138.50	1.07	ppb
Cobalt	59-2	68.26	69.99	69.54	69.26	1.30	ppb
Copper	63-2	182.94	192.52	186.45	187.31	2.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	183061.47	188706.76	185917.97	185895.40	1.52	ppb
Iron	57-2	181074.90	181877.38	183990.36	182314.21	0.83	ppb
Iron	54-2	182523.80	184941.00	182711.19	183392.00	0.73	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-17	Instrumnet Name :	P7
Client Sample ID :	MYE5B0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:49:13	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.87	56.95	57.50	56.78	1.46	ppb
Lead	207-1	54.35	56.08	56.20	55.54	1.87	ppb
Lead	208-1	55.04	56.24	55.95	55.74	1.13	ppb
Lithium	6-1				83		%
Magnesium	24-2	22008.97	22889.05	22795.09	22564.37	2.14	ppb
Manganese	55-2	6967.83	7240.53	7058.08	7088.81	1.96	ppb
Molybdenum	94-1	19.91	20.26	20.25	20.14	0.98	ppb
Molybdenum	95-1	1.59	1.61	1.63	1.61	1.17	ppb
Molybdenum	96-1	4.45	4.63	4.55	4.54	1.93	ppb
Molybdenum	97-1	1.54	1.61	1.57	1.58	2.17	ppb
Molybdenum	98-1	1.51	1.53	1.53	1.52	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.20	96.31	96.17	95.56	1.24	ppb
Phosphorus	31-2	1037.83	1076.61	1058.19	1057.54	1.83	ppb
Potassium	39-2	5367.42	5497.59	5482.93	5449.31	1.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.80	0.64	0.68	0.70	12.20	ppb
Selenium	77-2	14.73	13.68	14.39	14.27	3.75	ppb
Selenium	78-2	3.09	3.49	3.28	3.29	6.19	ppb
Silicon	28-1	1458.60	1490.72	1477.46	1475.59	1.09	ppb
Silver	107-1	0.26	0.26	0.26	0.26	1.01	ppb
Silver	109-1	0.26	0.26	0.28	0.27	3.43	ppb
Sodium	23-2	142.74	145.16	144.03	143.97	0.84	ppb
Strontium	86-1	1659.98	1693.61	1696.17	1683.25	1.20	ppb
Strontium	88-1	1729.67	1732.71	1731.18	1731.18	0.09	ppb
Sulfur	34-1	-1124.87	-1183.91	-1176.70	-1161.83		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.43	0.47	0.46	0.46	4.79	ppb
Thallium	205-1	0.43	0.46	0.46	0.45	3.28	ppb
Tin	118-1	2.30	2.35	2.43	2.36	2.71	ppb
Titanium	47-1	958.61	968.08	969.63	965.44	0.62	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-17	Instrumnet Name :	P7
Client Sample ID :	MYE5B0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:49:13	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.33	1.34	1.32	2.27	ppb
Vanadium	51-2	301.03	306.13	297.60	301.59	1.42	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	212.19	218.42	214.59	215.07	1.46	ppb
Zirconium	90-1	10.53	10.77	10.72	10.68	1.18	ppb
Zirconium	91-1	10.43	10.79	10.78	10.67	1.90	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-18	Instrumnet Name :	P7
Client Sample ID :	MYE5B1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:52:17	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38195.99	46329.16	39764.50	41429.88	10.41	ppb
Antimony	121-1	1.31	1.31	1.33	1.32	0.80	ppb
Arsenic	75-2	95.73	116.44	100.59	104.25	10.39	ppb
Barium	135-1	854.04	878.75	881.95	871.58	1.75	ppb
Barium	137-1	853.26	860.09	873.22	862.19	1.18	ppb
Beryllium	9-1	1.45	1.55	1.66	1.55	6.80	ppb
Bismuth	209-1				114		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	1.93	1.57	1.76	10.22	ppb
Cadmium	106-1	0.98	0.36	0.12	0.49	91.18	ppb
Cadmium	111-1	1.09	1.13	1.04	1.09	3.84	ppb
Calcium	43-1	9798.58	10138.00	9958.93	9965.17	1.70	ppb
Calcium	44-1	9468.20	9875.16	9771.83	9705.06	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.68	124.39	107.39	111.49	10.25	ppb
Cobalt	59-2	67.38	81.79	70.93	73.37	10.23	ppb
Copper	63-2	193.60	230.80	200.62	208.34	9.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				100		%
Indium	115-1				110		%
Indium	115-2				95		%
Iron	56-2	148938.59	179622.78	155397.68	161319.68	10.03	ppb
Iron	57-2	146145.20	175846.90	153115.97	158369.36	9.81	ppb
Iron	54-2	145092.89	175199.27	152979.33	157757.16	9.90	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-18	Instrumnet Name :	P7
Client Sample ID :	MYE5B1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:52:17	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	59.26	61.70	61.59	60.85	2.27	ppb
Lead	207-1	59.27	61.25	61.96	60.83	2.29	ppb
Lead	208-1	58.94	61.86	61.09	60.63	2.50	ppb
Lithium	6-1				84		%
Magnesium	24-2	18781.47	22667.39	19503.85	20317.57	10.17	ppb
Manganese	55-2	10323.45	12404.31	10683.08	11136.95	9.99	ppb
Molybdenum	94-1	18.28	19.11	18.51	18.63	2.29	ppb
Molybdenum	95-1	1.57	1.62	1.56	1.58	2.14	ppb
Molybdenum	96-1	4.03	4.17	4.08	4.09	1.73	ppb
Molybdenum	97-1	1.53	1.52	1.48	1.51	1.62	ppb
Molybdenum	98-1	1.44	1.52	1.46	1.47	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.82	105.84	91.76	94.81	10.41	ppb
Phosphorus	31-2	1380.89	1726.93	1498.70	1535.51	11.46	ppb
Potassium	39-2	7508.34	8969.88	7694.33	8057.52	9.87	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	82-1	0.97	0.71	0.25	0.64	57.01	ppb
Selenium	77-2	13.41	16.70	12.33	14.15	16.10	ppb
Selenium	78-2	3.72	4.47	3.14	3.78	17.63	ppb
Silicon	28-1	1709.90	1752.21	1723.86	1728.66	1.25	ppb
Silver	107-1	0.32	0.30	0.31	0.31	1.86	ppb
Silver	109-1	0.30	0.32	0.31	0.31	3.43	ppb
Sodium	23-2	251.36	312.24	262.65	275.41	11.76	ppb
Strontium	86-1	1578.95	1648.95	1596.18	1608.03	2.27	ppb
Strontium	88-1	1611.68	1672.79	1653.81	1646.09	1.90	ppb
Sulfur	34-1	-961.96	-919.68	-1010.37	-964.00		ppb
Terbium	159-1				114		%
Terbium	159-2				102		%
Thallium	203-1	0.47	0.53	0.52	0.51	5.48	ppb
Thallium	205-1	0.49	0.51	0.51	0.50	2.25	ppb
Tin	118-1	2.07	2.12	2.20	2.13	2.89	ppb
Titanium	47-1	884.90	916.36	913.23	904.83	1.92	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-18	Instrumnet Name :	P7
Client Sample ID :	MYE5B1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:52:17	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.10	1.11	1.09	1.84	ppb
Vanadium	51-2	226.54	271.63	235.41	244.53	9.77	ppb
Yttrium	89-1				113		%
Yttrium	89-2				101		%
Zinc	66-2	257.47	310.99	269.46	279.31	10.06	ppb
Zirconium	90-1	9.72	10.11	9.87	9.90	2.01	ppb
Zirconium	91-1	9.63	10.14	9.86	9.88	2.60	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-19	Instrumnet Name :	P7
Client Sample ID :	MYE5B2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:55:18	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37925.19	37734.48	38092.45	37917.37	0.47	ppb
Antimony	121-1	1.99	2.07	2.05	2.04	2.12	ppb
Arsenic	75-2	127.66	126.59	127.32	127.19	0.43	ppb
Barium	135-1	687.94	717.28	706.24	703.82	2.11	ppb
Barium	137-1	688.73	709.28	705.08	701.03	1.55	ppb
Beryllium	9-1	1.45	1.56	1.51	1.51	3.60	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.31	1.99	1.85	2.05	11.64	ppb
Cadmium	106-1	1.41	1.73	0.86	1.34	33.04	ppb
Cadmium	111-1	1.25	1.34	1.24	1.28	3.97	ppb
Calcium	43-1	7490.02	7723.30	7793.08	7668.80	2.07	ppb
Calcium	44-1	7370.98	7527.72	7595.66	7498.12	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.49	117.05	117.22	117.58	0.67	ppb
Cobalt	59-2	69.63	69.02	69.01	69.22	0.51	ppb
Copper	63-2	280.54	272.79	280.40	277.91	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	168775.12	164707.78	171012.13	168165.01	1.90	ppb
Iron	57-2	168626.73	163902.45	166330.93	166286.70	1.42	ppb
Iron	54-2	165966.35	162545.82	166635.05	165049.07	1.33	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-19	Instrumnet Name :	P7
Client Sample ID :	MYE5B2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:55:18	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	85.97	88.73	88.31	87.67	1.69	ppb
Lead	207-1	85.23	87.83	87.59	86.88	1.65	ppb
Lead	208-1	84.69	87.33	88.12	86.71	2.08	ppb
Lithium	6-1				84		%
Magnesium	24-2	20277.61	19947.76	20055.83	20093.73	0.84	ppb
Manganese	55-2	8204.72	8076.32	8219.38	8166.80	0.96	ppb
Molybdenum	94-1	16.62	17.25	17.45	17.11	2.56	ppb
Molybdenum	95-1	1.89	1.95	2.00	1.95	2.92	ppb
Molybdenum	96-1	4.38	4.42	4.46	4.42	0.90	ppb
Molybdenum	97-1	1.86	1.88	1.94	1.89	2.26	ppb
Molybdenum	98-1	1.79	1.88	1.89	1.86	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.60	91.79	95.08	93.82	1.89	ppb
Phosphorus	31-2	1678.29	1670.96	1695.44	1681.57	0.75	ppb
Potassium	39-2	8149.11	8097.71	8120.58	8122.47	0.32	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.98	0.86	0.57	0.81	26.05	ppb
Selenium	77-2	13.11	13.84	12.09	13.01	6.74	ppb
Selenium	78-2	3.14	2.67	2.51	2.77	11.80	ppb
Silicon	28-1	1510.24	1554.09	1599.24	1554.52	2.86	ppb
Silver	107-1	0.48	0.48	0.46	0.47	2.42	ppb
Silver	109-1	0.46	0.47	0.48	0.47	1.94	ppb
Sodium	23-2	2023.24	1967.21	1985.26	1991.90	1.44	ppb
Strontium	86-1	1532.12	1573.79	1575.16	1560.35	1.57	ppb
Strontium	88-1	1563.38	1604.19	1596.13	1587.90	1.36	ppb
Sulfur	34-1	-974.00	-982.21	-971.08	-975.76		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.40	0.40	0.41	0.41	2.05	ppb
Thallium	205-1	0.39	0.41	0.41	0.40	2.84	ppb
Tin	118-1	2.75	2.84	2.84	2.81	1.92	ppb
Titanium	47-1	1014.26	1015.11	1039.11	1022.83	1.38	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-19	Instrumnet Name :	P7
Client Sample ID :	MYE5B2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:55:18	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.35	1.32	1.32	2.36	ppb
Vanadium	51-2	280.96	276.40	279.76	279.04	0.85	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	291.13	284.87	289.56	288.52	1.13	ppb
Zirconium	90-1	8.60	8.91	8.95	8.82	2.18	ppb
Zirconium	91-1	8.61	8.98	8.88	8.82	2.16	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:58:19	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25738.03	25466.11	25662.55	25622.23	0.55	ppb
Antimony	121-1	2.66	2.69	2.67	2.67	0.72	ppb
Arsenic	75-2	128.65	128.25	129.32	128.74	0.42	ppb
Barium	135-1	515.72	509.17	510.72	511.87	0.67	ppb
Barium	137-1	516.30	512.07	509.20	512.52	0.70	ppb
Beryllium	9-1	1.37	1.54	1.32	1.41	8.28	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.44	4.26	4.18	4.30	3.07	ppb
Cadmium	106-1	3.83	3.40	3.31	3.51	7.91	ppb
Cadmium	111-1	4.04	3.99	3.89	3.97	1.90	ppb
Calcium	43-1	5868.23	5945.97	5882.19	5898.80	0.70	ppb
Calcium	44-1	5756.45	5693.72	5792.15	5747.44	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.27	82.06	81.35	81.89	0.59	ppb
Cobalt	59-2	46.19	46.20	45.78	46.06	0.52	ppb
Copper	63-2	516.16	508.37	503.23	509.25	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	98452.56	98002.61	97786.18	98080.45	0.35	ppb
Iron	57-2	97357.76	95161.87	94903.99	95807.87	1.41	ppb
Iron	54-2	96288.73	96226.39	96657.67	96390.93	0.24	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:58:19	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	191.21	194.09	192.98	192.76	0.75	ppb
Lead	207-1	194.70	197.96	190.92	194.53	1.81	ppb
Lead	208-1	192.63	194.55	191.61	192.93	0.77	ppb
Lithium	6-1				84		%
Magnesium	24-2	12047.91	11754.67	11808.08	11870.22	1.32	ppb
Manganese	55-2	3389.25	3392.31	3388.30	3389.96	0.06	ppb
Molybdenum	94-1	20.40	20.40	20.11	20.30	0.83	ppb
Molybdenum	95-1	1.51	1.51	1.55	1.52	1.30	ppb
Molybdenum	96-1	4.07	4.04	3.99	4.03	0.92	ppb
Molybdenum	97-1	1.56	1.53	1.51	1.53	1.61	ppb
Molybdenum	98-1	1.52	1.53	1.50	1.52	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.92	78.36	78.37	78.55	0.41	ppb
Phosphorus	31-2	1943.04	1966.62	1948.92	1952.86	0.63	ppb
Potassium	39-2	6127.39	6139.83	6148.56	6138.59	0.17	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	1.10	1.14	1.43	1.23	14.65	ppb
Selenium	77-2	14.91	17.99	14.43	15.78	12.23	ppb
Selenium	78-2	3.86	4.08	3.70	3.88	4.83	ppb
Silicon	28-1	1865.75	1908.94	1881.41	1885.36	1.16	ppb
Silver	107-1	1.02	1.02	1.00	1.01	1.23	ppb
Silver	109-1	1.01	1.03	1.02	1.02	1.08	ppb
Sodium	23-2	108.89	107.14	108.66	108.23	0.88	ppb
Strontium	86-1	1426.23	1437.11	1416.97	1426.77	0.71	ppb
Strontium	88-1	1456.33	1460.97	1449.21	1455.50	0.41	ppb
Sulfur	34-1	-1117.75	-1245.07	-1279.77	-1214.20		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.42	0.43	0.43	0.43	1.17	ppb
Thallium	205-1	0.41	0.42	0.42	0.42	0.85	ppb
Tin	118-1	3.46	3.52	3.42	3.47	1.31	ppb
Titanium	47-1	1110.86	1121.58	1129.82	1120.76	0.85	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:58:19	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.22	1.24	1.23	0.70	ppb
Vanadium	51-2	180.91	182.36	179.98	181.08	0.66	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	389.40	381.87	383.38	384.88	1.04	ppb
Zirconium	90-1	10.86	10.89	10.75	10.83	0.65	ppb
Zirconium	91-1	10.77	10.93	10.71	10.81	1.06	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:01:17	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36671.98	35017.29	35268.30	35652.52	2.50	ppb
Antimony	121-1	2.23	2.33	2.29	2.28	2.28	ppb
Arsenic	75-2	165.20	164.05	162.47	163.91	0.84	ppb
Barium	135-1	688.47	705.42	704.19	699.36	1.35	ppb
Barium	137-1	681.55	700.09	703.34	695.00	1.69	ppb
Beryllium	9-1	2.02	2.17	1.98	2.06	4.93	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.55	6.82	6.29	6.55	4.10	ppb
Cadmium	106-1	6.16	6.78	5.47	6.14	10.65	ppb
Cadmium	111-1	5.61	5.80	5.64	5.68	1.76	ppb
Calcium	43-1	11122.89	11412.19	11422.51	11319.20	1.50	ppb
Calcium	44-1	10970.93	11056.99	11127.48	11051.80	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.08	101.81	102.86	103.25	1.62	ppb
Cobalt	59-2	62.80	60.71	61.74	61.75	1.70	ppb
Copper	63-2	991.15	956.13	973.32	973.53	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	108675.95	107111.07	107290.81	107692.61	0.80	ppb
Iron	57-2	106649.60	104434.59	104092.74	105058.98	1.32	ppb
Iron	54-2	106832.50	104194.63	106276.55	105767.89	1.31	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:01:17	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	266.21	275.57	274.26	272.01	1.86	ppb
Lead	207-1	270.69	275.32	279.15	275.05	1.54	ppb
Lead	208-1	266.52	273.66	275.28	271.82	1.71	ppb
Lithium	6-1				85		%
Magnesium	24-2	14932.98	14265.82	14494.46	14564.42	2.33	ppb
Manganese	55-2	5172.39	5104.64	5121.17	5132.73	0.69	ppb
Molybdenum	94-1	34.28	34.99	34.56	34.61	1.04	ppb
Molybdenum	95-1	1.44	1.47	1.46	1.46	1.04	ppb
Molybdenum	96-1	5.41	5.59	5.58	5.53	1.79	ppb
Molybdenum	97-1	1.40	1.44	1.45	1.43	1.71	ppb
Molybdenum	98-1	1.39	1.42	1.38	1.39	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.09	114.61	115.31	115.67	1.11	ppb
Phosphorus	31-2	3260.67	3143.91	3235.46	3213.34	1.91	ppb
Potassium	39-2	8170.53	8092.65	8093.48	8118.89	0.55	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	1.37	1.14	1.51	1.34	13.79	ppb
Selenium	77-2	22.96	23.89	25.45	24.10	5.22	ppb
Selenium	78-2	6.57	5.62	5.62	5.94	9.28	ppb
Silicon	28-1	2018.40	2049.04	2072.31	2046.58	1.32	ppb
Silver	107-1	2.29	2.40	2.39	2.36	2.55	ppb
Silver	109-1	2.35	2.44	2.41	2.40	1.93	ppb
Sodium	23-2	128.40	122.13	122.60	124.38	2.81	ppb
Strontium	86-1	2436.61	2507.52	2481.70	2475.27	1.45	ppb
Strontium	88-1	2506.59	2514.97	2547.69	2523.08	0.86	ppb
Sulfur	34-1	-1196.64	-1230.75	-1268.33	-1231.90		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.61	0.61	0.65	0.62	3.58	ppb
Thallium	205-1	0.60	0.62	0.63	0.61	2.53	ppb
Tin	118-1	3.71	3.83	3.80	3.78	1.60	ppb
Titanium	47-1	1365.00	1381.27	1396.18	1380.82	1.13	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:01:17	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.74	1.79	1.79	1.77	1.47	ppb
Vanadium	51-2	186.10	181.17	184.06	183.78	1.35	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	483.39	468.54	474.59	475.51	1.57	ppb
Zirconium	90-1	18.66	19.24	18.94	18.95	1.53	ppb
Zirconium	91-1	18.91	19.28	19.14	19.11	0.98	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:04:20	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28037.79	28413.95	28023.26	28158.33	0.79	ppb
Antimony	121-1	6.98	7.06	6.97	7.00	0.70	ppb
Arsenic	75-2	118.07	117.87	118.18	118.04	0.13	ppb
Barium	135-1	463.60	461.75	458.51	461.29	0.56	ppb
Barium	137-1	462.17	465.93	455.74	461.28	1.12	ppb
Beryllium	9-1	1.34	1.39	1.43	1.39	3.22	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.74	4.11	4.02	3.96	4.81	ppb
Cadmium	106-1	2.24	1.86	1.88	1.99	10.97	ppb
Cadmium	111-1	3.55	3.55	3.53	3.54	0.25	ppb
Calcium	43-1	6693.09	6831.92	6760.10	6761.70	1.03	ppb
Calcium	44-1	6517.38	6691.68	6622.75	6610.60	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.61	73.69	72.29	73.19	1.07	ppb
Cobalt	59-2	45.02	45.17	44.92	45.04	0.29	ppb
Copper	63-2	473.90	471.04	471.28	472.07	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	79028.39	79693.24	78880.21	79200.61	0.55	ppb
Iron	57-2	77341.31	77281.61	76713.88	77112.27	0.45	ppb
Iron	54-2	78068.05	77216.86	77789.23	77691.38	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:04:20	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	185.26	190.94	188.93	188.37	1.53	ppb
Lead	207-1	181.39	191.75	188.36	187.17	2.82	ppb
Lead	208-1	182.71	190.03	188.83	187.19	2.10	ppb
Lithium	6-1				84		%
Magnesium	24-2	12450.11	12372.24	12337.43	12386.59	0.47	ppb
Manganese	55-2	3563.44	3541.56	3552.33	3552.44	0.31	ppb
Molybdenum	94-1	11.48	11.53	11.53	11.52	0.25	ppb
Molybdenum	95-1	1.48	1.46	1.46	1.47	0.41	ppb
Molybdenum	96-1	2.92	2.90	2.89	2.90	0.64	ppb
Molybdenum	97-1	1.47	1.44	1.43	1.45	1.26	ppb
Molybdenum	98-1	1.42	1.45	1.42	1.43	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.70	66.14	66.36	66.40	0.43	ppb
Phosphorus	31-2	1974.67	2002.17	1936.86	1971.24	1.66	ppb
Potassium	39-2	6745.43	6770.36	6709.89	6741.89	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	1.10	0.97	0.97	1.01	7.21	ppb
Selenium	77-2	16.25	14.79	14.03	15.02	7.53	ppb
Selenium	78-2	3.34	2.89	2.95	3.06	7.93	ppb
Silicon	28-1	2344.24	2391.56	2350.08	2361.96	1.09	ppb
Silver	107-1	1.07	1.10	1.06	1.08	1.57	ppb
Silver	109-1	1.09	1.10	1.09	1.09	0.39	ppb
Sodium	23-2	124.54	124.32	123.15	124.00	0.60	ppb
Strontium	86-1	1384.60	1397.02	1369.60	1383.74	0.99	ppb
Strontium	88-1	1412.64	1436.67	1398.00	1415.77	1.38	ppb
Sulfur	34-1	-1189.81	-1262.38	-1337.34	-1263.18		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.47	0.49	0.47	0.47	3.14	ppb
Thallium	205-1	0.46	0.48	0.47	0.47	2.65	ppb
Tin	118-1	3.44	3.56	3.44	3.48	1.97	ppb
Titanium	47-1	994.92	1022.56	1014.26	1010.58	1.40	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:04:20	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.11	1.13	1.11	1.92	ppb
Vanadium	51-2	139.15	139.19	137.86	138.73	0.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	385.96	382.82	383.38	384.06	0.44	ppb
Zirconium	90-1	5.87	5.92	5.85	5.88	0.53	ppb
Zirconium	91-1	5.98	5.96	5.87	5.94	1.04	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:07:19	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48603.86	48727.10	46751.56	48027.51	2.30	ppb
Antimony	121-1	502.97	498.28	498.51	499.92	0.53	ppb
Arsenic	75-2	509.53	511.17	507.31	509.34	0.38	ppb
Barium	135-1	2516.37	2480.58	2477.86	2491.61	0.86	ppb
Barium	137-1	2493.59	2458.55	2508.30	2486.81	1.03	ppb
Beryllium	9-1	517.03	495.69	520.63	511.12	2.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.67	496.57	505.20	502.15	0.96	ppb
Cadmium	106-1	503.86	499.31	501.44	501.54	0.45	ppb
Cadmium	111-1	512.88	505.36	515.12	511.12	1.00	ppb
Calcium	43-1	247477.27	243256.99	248521.80	246418.69	1.13	ppb
Calcium	44-1	250475.62	242469.02	248269.72	247071.45	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.39	505.23	497.59	502.41	0.83	ppb
Cobalt	59-2	523.01	530.64	509.75	521.13	2.03	ppb
Copper	63-2	5144.45	5096.32	4988.11	5076.29	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	126952.82	127873.03	126163.37	126996.41	0.67	ppb
Iron	57-2	127263.64	129328.10	125085.52	127225.75	1.67	ppb
Iron	54-2	126805.62	127231.85	125336.40	126457.95	0.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:07:19	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2583.31	2599.12	2513.24	2565.22	1.78	ppb
Lead	207-1	2564.63	2563.79	2498.85	2542.43	1.48	ppb
Lead	208-1	2572.14	2567.19	2507.10	2548.81	1.42	ppb
Lithium	6-1				86		%
Magnesium	24-2	264608.04	263328.99	260946.87	262961.30	0.71	ppb
Manganese	55-2	5010.94	4981.51	4966.22	4986.23	0.46	ppb
Molybdenum	94-1	5053.00	5056.27	5003.60	5037.62	0.59	ppb
Molybdenum	95-1	5079.76	5044.53	4983.05	5035.78	0.97	ppb
Molybdenum	96-1	5072.54	5025.62	4999.70	5032.62	0.73	ppb
Molybdenum	97-1	5067.92	5016.45	4985.93	5023.43	0.82	ppb
Molybdenum	98-1	5090.54	5004.73	5021.64	5038.97	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.53	518.90	509.22	515.88	1.12	ppb
Phosphorus	31-2	9413.71	9704.98	9392.88	9503.86	1.84	ppb
Potassium	39-2	124852.99	128766.99	125648.96	126422.98	1.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	498.65	499.05	489.45	495.72	1.10	ppb
Selenium	77-2	487.45	496.32	485.79	489.85	1.15	ppb
Selenium	78-2	485.71	485.54	481.71	484.32	0.47	ppb
Silicon	28-1	163.68	164.77	164.46	164.30	0.34	ppb
Silver	107-1	500.64	490.66	497.39	496.23	1.03	ppb
Silver	109-1	506.23	500.50	504.99	503.90	0.60	ppb
Sodium	23-2	242508.36	245384.38	235840.56	241244.43	2.03	ppb
Strontium	86-1	13193.40	13044.38	12920.24	13052.67	1.05	ppb
Strontium	88-1	13077.95	13130.17	12948.35	13052.16	0.72	ppb
Sulfur	34-1	9931.84	9788.79	9943.03	9887.89	0.87	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	513.92	521.13	507.86	514.30	1.29	ppb
Thallium	205-1	513.78	518.49	504.74	512.34	1.36	ppb
Tin	118-1	496.60	495.07	498.29	496.65	0.32	ppb
Titanium	47-1	5090.33	5043.43	5026.39	5053.38	0.66	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:07:19	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	517.46	521.94	512.48	517.29	0.92	ppb
Vanadium	51-2	506.24	514.67	498.17	506.36	1.63	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	5070.43	5069.99	4922.31	5020.91	1.70	ppb
Zirconium	90-1	512.39	519.11	507.97	513.16	1.09	ppb
Zirconium	91-1	513.09	512.83	503.16	509.69	1.11	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:10:03	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.01	0.94	0.81	0.92	10.89	ppb
Antimony	121-1	0.21	0.21	0.26	0.23	13.00	ppb
Arsenic	75-2	0.00	0.02	0.02	0.02	72.52	ppb
Barium	135-1	0.35	0.16	0.10	0.20	65.99	ppb
Barium	137-1	0.34	0.14	0.09	0.19	68.84	ppb
Beryllium	9-1	0.12	0.06	0.04	0.07	54.74	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.04	0.00	0.05	108.98	ppb
Cadmium	106-1	-0.73	-0.88	-1.34	-0.98		ppb
Cadmium	111-1	0.04	-0.02	-0.06	-0.02		ppb
Calcium	43-1	39.96	14.80	9.82	21.53	75.05	ppb
Calcium	44-1	40.51	16.48	13.20	23.39	63.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	105.11	ppb
Copper	63-2	0.26	0.22	0.22	0.23	10.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	4.03	3.30	2.71	3.35	19.70	ppb
Iron	57-2	2.47	2.10	1.61	2.06	21.04	ppb
Iron	54-2	3.01	2.62	1.62	2.42	29.58	ppb
Krypton	83-1						cps

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:10:03	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.38	0.18	0.13	0.23	56.13	ppb
Lead	207-1	0.39	0.18	0.13	0.23	60.02	ppb
Lead	208-1	0.39	0.18	0.13	0.23	59.85	ppb
Lithium	6-1				91		%
Magnesium	24-2	4.76	3.57	2.62	3.65	29.37	ppb
Manganese	55-2	0.15	0.13	0.11	0.13	16.43	ppb
Molybdenum	94-1	0.94	0.47	0.42	0.61	46.91	ppb
Molybdenum	95-1	0.81	0.36	0.29	0.49	58.49	ppb
Molybdenum	96-1	0.80	0.38	0.30	0.49	54.32	ppb
Molybdenum	97-1	0.79	0.36	0.30	0.48	55.20	ppb
Molybdenum	98-1	0.80	0.36	0.29	0.48	57.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.03	0.03	8.81	ppb
Phosphorus	31-2	-19.09	-19.60	-18.53	-19.07		ppb
Potassium	39-2	11.14	11.21	10.14	10.83	5.50	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.53	0.06	0.39	0.33	72.92	ppb
Selenium	77-2	-0.03	0.14	-0.03	0.03	372.91	ppb
Selenium	78-2	0.29	0.55	0.21	0.35	51.59	ppb
Silicon	28-1	-6.39	-7.06	-6.78	-6.74		ppb
Silver	107-1	0.08	0.04	0.03	0.05	55.50	ppb
Silver	109-1	0.08	0.04	0.03	0.05	48.45	ppb
Sodium	23-2	12.60	10.81	9.68	11.03	13.32	ppb
Strontium	86-1	1.57	0.84	0.40	0.94	63.10	ppb
Strontium	88-1	1.88	0.80	0.50	1.06	68.58	ppb
Sulfur	34-1	-654.40	-698.67	-686.82	-679.96		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.14	0.09	0.08	0.11	28.73	ppb
Thallium	205-1	0.13	0.10	0.08	0.11	23.97	ppb
Tin	118-1	0.08	0.03	0.03	0.05	63.09	ppb
Titanium	47-1	0.73	0.31	0.18	0.41	71.00	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:10:03	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.03	0.02	0.04	68.31	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	63.78	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	0.28	0.28	0.30	0.28	3.87	ppb
Zirconium	90-1	0.15	0.11	0.11	0.13	19.05	ppb
Zirconium	91-1	0.16	0.12	0.12	0.13	15.59	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-04	Instrumnet Name :	P7
Client Sample ID :	MYE5G7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:13:17	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37176.46	37524.82	37141.10	37280.79	0.57	ppb
Antimony	121-1	3.80	3.92	3.91	3.88	1.69	ppb
Arsenic	75-2	208.57	208.11	206.71	207.80	0.47	ppb
Barium	135-1	886.95	920.10	906.41	904.49	1.84	ppb
Barium	137-1	889.21	925.69	903.77	906.22	2.03	ppb
Beryllium	9-1	2.21	2.16	2.02	2.13	4.61	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.24	5.34	5.24	5.27	1.12	ppb
Cadmium	106-1	6.74	6.34	5.84	6.31	7.20	ppb
Cadmium	111-1	3.88	3.92	3.97	3.92	1.11	ppb
Calcium	43-1	11344.47	11694.92	11457.30	11498.90	1.56	ppb
Calcium	44-1	11219.27	11316.38	11327.97	11287.87	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.54	121.89	121.92	121.45	0.65	ppb
Cobalt	59-2	68.39	69.75	68.05	68.73	1.31	ppb
Copper	63-2	541.32	552.41	543.69	545.81	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	150052.86	151290.21	150703.13	150682.07	0.41	ppb
Iron	57-2	146634.31	147727.16	146205.34	146855.60	0.53	ppb
Iron	54-2	147670.87	148651.32	148757.20	148359.80	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-04	Instrumnet Name :	P7
Client Sample ID :	MYE5G7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:13:17	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	260.05	267.41	259.38	262.28	1.70	ppb
Lead	207-1	262.18	263.30	258.57	261.35	0.95	ppb
Lead	208-1	258.73	263.16	258.64	260.17	0.99	ppb
Lithium	6-1				78		%
Magnesium	24-2	17101.00	17397.50	17018.63	17172.37	1.16	ppb
Manganese	55-2	6684.34	6746.65	6755.13	6728.70	0.57	ppb
Molybdenum	94-1	49.31	49.43	49.30	49.35	0.15	ppb
Molybdenum	95-1	2.07	2.05	2.05	2.06	0.56	ppb
Molybdenum	96-1	7.96	7.85	7.89	7.90	0.70	ppb
Molybdenum	97-1	1.96	1.94	1.97	1.96	0.97	ppb
Molybdenum	98-1	1.95	1.96	1.95	1.96	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.47	139.66	139.98	139.37	0.57	ppb
Phosphorus	31-2	3098.99	3139.90	3123.36	3120.75	0.66	ppb
Potassium	39-2	8073.36	8003.85	8156.47	8077.89	0.95	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	1.30	1.37	1.67	1.45	13.67	ppb
Selenium	77-2	23.13	20.99	23.32	22.48	5.74	ppb
Selenium	78-2	5.62	6.10	5.08	5.60	9.05	ppb
Silicon	28-1	1873.98	1912.36	1867.83	1884.72	1.28	ppb
Silver	107-1	1.22	1.24	1.19	1.22	1.97	ppb
Silver	109-1	1.20	1.22	1.22	1.21	1.11	ppb
Sodium	23-2	158.83	164.42	160.50	161.25	1.78	ppb
Strontium	86-1	3154.97	3145.82	3167.96	3156.25	0.35	ppb
Strontium	88-1	3227.50	3206.82	3208.41	3214.25	0.36	ppb
Sulfur	34-1	-928.63	-1099.10	-1247.68	-1091.81		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.80	0.78	0.75	0.78	3.16	ppb
Thallium	205-1	0.80	0.79	0.74	0.78	4.15	ppb
Tin	118-1	4.16	3.77	3.72	3.88	6.19	ppb
Titanium	47-1	1655.38	1675.22	1692.35	1674.32	1.10	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-04	Instrumnet Name :	P7
Client Sample ID :	MYE5G7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:13:17	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.55	1.62	1.57	1.58	2.30	ppb
Vanadium	51-2	271.08	273.89	275.13	273.37	0.76	ppb
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	340.38	347.36	339.34	342.36	1.27	ppb
Zirconium	90-1	27.24	27.15	27.12	27.17	0.22	ppb
Zirconium	91-1	27.46	27.17	26.97	27.20	0.92	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-05	Instrumnet Name :	P7
Client Sample ID :	MYE5G8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:16:16	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22564.01	22103.99	22728.40	22465.47	1.44	ppb
Antimony	121-1	1.54	1.61	1.56	1.57	2.57	ppb
Arsenic	75-2	152.02	154.58	152.29	152.97	0.92	ppb
Barium	135-1	339.82	352.34	338.25	343.47	2.25	ppb
Barium	137-1	338.42	352.34	331.40	340.72	3.13	ppb
Beryllium	9-1	1.03	0.99	0.95	0.99	4.19	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.52	1.55	1.69	1.59	5.50	ppb
Cadmium	106-1	1.03	0.77	0.73	0.85	19.03	ppb
Cadmium	111-1	0.75	0.76	0.73	0.75	2.34	ppb
Calcium	43-1	27851.76	28235.70	26513.24	27533.57	3.28	ppb
Calcium	44-1	27329.04	28240.16	26573.66	27380.96	3.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.38	82.81	83.35	83.18	0.38	ppb
Cobalt	59-2	36.96	36.37	36.92	36.75	0.90	ppb
Copper	63-2	135.20	132.78	135.07	134.35	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	66859.43	65678.48	66440.59	66326.17	0.90	ppb
Iron	57-2	65222.02	63175.43	66044.26	64813.90	2.28	ppb
Iron	54-2	64916.50	64448.17	65440.26	64934.98	0.76	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-05	Instrumnet Name :	P7
Client Sample ID :	MYE5G8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:16:16	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.74	42.66	40.28	41.56	2.89	ppb
Lead	207-1	39.51	40.05	38.07	39.21	2.61	ppb
Lead	208-1	40.10	41.03	38.81	39.98	2.79	ppb
Lithium	6-1				77		%
Magnesium	24-2	15169.56	14484.57	14975.27	14876.47	2.37	ppb
Manganese	55-2	2422.39	2408.48	2431.43	2420.77	0.48	ppb
Molybdenum	94-1	17.70	18.03	17.17	17.63	2.46	ppb
Molybdenum	95-1	1.08	1.12	1.06	1.09	2.63	ppb
Molybdenum	96-1	3.17	3.29	3.15	3.20	2.44	ppb
Molybdenum	97-1	1.11	1.11	1.07	1.10	2.18	ppb
Molybdenum	98-1	1.06	1.08	1.03	1.06	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.25	75.24	75.95	75.82	0.69	ppb
Phosphorus	31-2	1462.20	1379.04	1429.85	1423.69	2.94	ppb
Potassium	39-2	3543.65	3486.11	3520.36	3516.71	0.82	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	82-1	0.92	0.90	0.74	0.85	11.36	ppb
Selenium	77-2	15.60	16.22	15.31	15.71	2.96	ppb
Selenium	78-2	2.94	3.56	3.92	3.47	14.20	ppb
Silicon	28-1	1882.10	1931.67	1802.33	1872.03	3.49	ppb
Silver	107-1	0.20	0.21	0.20	0.21	2.91	ppb
Silver	109-1	0.20	0.21	0.21	0.21	2.06	ppb
Sodium	23-2	152.12	151.17	153.88	152.39	0.90	ppb
Strontium	86-1	1386.34	1424.83	1372.70	1394.62	1.94	ppb
Strontium	88-1	1430.30	1471.32	1388.27	1429.96	2.90	ppb
Sulfur	34-1	-966.38	-935.79	-1074.70	-992.29		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	0.27	0.26	0.26	0.26	3.20	ppb
Thallium	205-1	0.25	0.27	0.25	0.26	4.03	ppb
Tin	118-1	1.97	2.04	1.98	2.00	1.74	ppb
Titanium	47-1	504.72	524.57	489.45	506.25	3.48	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-05	Instrumnet Name :	P7
Client Sample ID :	MYE5G8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:16:16	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.84	0.80	0.82	3.09	ppb
Vanadium	51-2	112.23	110.33	112.27	111.61	1.00	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	189.20	187.55	190.20	188.99	0.71	ppb
Zirconium	90-1	9.55	9.71	9.32	9.53	2.06	ppb
Zirconium	91-1	9.48	9.63	9.35	9.49	1.51	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:19:19	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30598.90	30138.68	30640.15	30459.25	0.91	ppb
Antimony	121-1	1.02	1.06	1.09	1.06	3.47	ppb
Arsenic	75-2	82.73	83.31	83.59	83.21	0.53	ppb
Barium	135-1	400.33	418.44	419.89	412.89	2.64	ppb
Barium	137-1	394.68	420.49	421.64	412.27	3.70	ppb
Beryllium	9-1	1.29	1.35	1.38	1.34	3.33	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	2.29	2.03	2.17	6.17	ppb
Cadmium	106-1	2.54	1.51	1.53	1.86	31.72	ppb
Cadmium	111-1	1.70	1.75	1.76	1.74	1.91	ppb
Calcium	43-1	8355.50	8908.20	8939.15	8734.29	3.76	ppb
Calcium	44-1	8112.16	8705.41	8726.62	8514.73	4.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.05	87.46	86.28	87.60	1.59	ppb
Cobalt	59-2	44.75	43.70	43.57	44.01	1.47	ppb
Copper	63-2	215.39	210.01	210.97	212.12	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	82377.76	79905.87	80103.33	80795.65	1.70	ppb
Iron	57-2	79943.57	78100.58	78769.49	78937.88	1.18	ppb
Iron	54-2	81117.37	78845.81	78406.85	79456.68	1.83	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:19:19	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.14	90.01	91.07	89.07	2.91	ppb
Lead	207-1	83.27	87.66	88.12	86.35	3.10	ppb
Lead	208-1	83.73	88.01	88.46	86.73	3.01	ppb
Lithium	6-1				83		%
Magnesium	24-2	17652.10	17601.91	17554.66	17602.89	0.28	ppb
Manganese	55-2	2724.07	2653.54	2639.59	2672.40	1.69	ppb
Molybdenum	94-1	15.64	16.89	16.81	16.45	4.23	ppb
Molybdenum	95-1	1.03	1.09	1.09	1.07	3.14	ppb
Molybdenum	96-1	2.98	3.23	3.22	3.15	4.45	ppb
Molybdenum	97-1	0.99	1.07	1.08	1.05	4.78	ppb
Molybdenum	98-1	1.00	1.07	1.05	1.04	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.24	96.93	96.38	96.85	0.45	ppb
Phosphorus	31-2	1874.34	1824.88	1839.24	1846.16	1.38	ppb
Potassium	39-2	6948.25	6953.36	6839.31	6913.64	0.93	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.56	0.59	0.88	0.68	25.98	ppb
Selenium	77-2	13.44	13.51	15.39	14.11	7.81	ppb
Selenium	78-2	3.23	3.25	4.02	3.50	12.82	ppb
Silicon	28-1	2903.56	3121.44	3150.77	3058.59	4.42	ppb
Silver	107-1	0.44	0.47	0.46	0.46	2.82	ppb
Silver	109-1	0.46	0.47	0.47	0.47	1.10	ppb
Sodium	23-2	141.97	137.76	139.69	139.81	1.51	ppb
Strontium	86-1	1019.32	1089.15	1069.63	1059.37	3.40	ppb
Strontium	88-1	1045.91	1100.93	1084.28	1077.04	2.62	ppb
Sulfur	34-1	-1131.17	-1172.30	-1234.67	-1179.38		ppb
Terbium	159-1				116		%
Terbium	159-2				110		%
Thallium	203-1	0.44	0.45	0.49	0.46	4.83	ppb
Thallium	205-1	0.44	0.46	0.45	0.45	1.91	ppb
Tin	118-1	2.60	2.75	2.80	2.72	3.87	ppb
Titanium	47-1	730.42	777.14	785.40	764.32	3.88	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:19:19	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.99	1.00	0.97	3.10	ppb
Vanadium	51-2	156.25	151.50	151.47	153.07	1.80	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	344.58	339.97	338.63	341.06	0.92	ppb
Zirconium	90-1	8.51	9.08	9.08	8.89	3.72	ppb
Zirconium	91-1	8.46	9.13	9.04	8.88	4.05	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:22:23	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30054.49	30355.09	30473.90	30294.50	0.71	ppb
Antimony	121-1	1.14	1.19	1.17	1.17	2.20	ppb
Arsenic	75-2	84.88	84.02	84.91	84.60	0.60	ppb
Barium	135-1	400.71	405.09	410.80	405.53	1.25	ppb
Barium	137-1	395.77	405.82	406.40	402.66	1.48	ppb
Beryllium	9-1	1.28	1.33	1.44	1.35	6.22	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.23	2.16	2.15	2.18	2.13	ppb
Cadmium	106-1	1.12	1.03	0.53	0.89	35.69	ppb
Cadmium	111-1	1.58	1.60	1.58	1.59	0.74	ppb
Calcium	43-1	8136.38	8461.41	8579.89	8392.56	2.74	ppb
Calcium	44-1	7902.99	8331.77	8394.48	8209.75	3.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.35	85.33	86.62	85.77	0.86	ppb
Cobalt	59-2	44.07	44.39	44.59	44.35	0.59	ppb
Copper	63-2	207.77	206.04	207.70	207.17	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	56-2	79410.65	79094.67	79846.63	79450.65	0.48	ppb
Iron	57-2	77727.18	77635.84	77341.72	77568.25	0.26	ppb
Iron	54-2	78157.94	79119.86	79370.34	78882.71	0.81	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:22:23	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.13	86.18	86.43	84.91	2.84	ppb
Lead	207-1	80.21	83.40	83.47	82.36	2.26	ppb
Lead	208-1	81.53	84.22	84.28	83.34	1.89	ppb
Lithium	6-1				83		%
Magnesium	24-2	17094.65	17166.46	17139.97	17133.69	0.21	ppb
Manganese	55-2	2657.30	2671.38	2688.33	2672.34	0.58	ppb
Molybdenum	94-1	16.76	17.70	17.64	17.36	3.04	ppb
Molybdenum	95-1	1.01	1.03	1.07	1.04	2.70	ppb
Molybdenum	96-1	3.09	3.22	3.28	3.20	3.06	ppb
Molybdenum	97-1	0.97	1.03	1.01	1.00	2.97	ppb
Molybdenum	98-1	0.96	0.99	1.03	0.99	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.65	93.81	93.48	93.65	0.18	ppb
Phosphorus	31-2	1821.40	1769.03	1835.19	1808.54	1.93	ppb
Potassium	39-2	6684.45	6580.40	6688.37	6651.08	0.92	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.73	0.82	0.38	0.64	35.77	ppb
Selenium	77-2	14.13	13.10	14.88	14.04	6.36	ppb
Selenium	78-2	3.05	3.40	3.77	3.40	10.59	ppb
Silicon	28-1	2866.95	2900.04	2924.35	2897.11	0.99	ppb
Silver	107-1	0.44	0.46	0.45	0.45	2.03	ppb
Silver	109-1	0.43	0.45	0.45	0.44	2.37	ppb
Sodium	23-2	134.11	135.48	135.94	135.17	0.70	ppb
Strontium	86-1	994.58	1049.73	1058.00	1034.10	3.33	ppb
Strontium	88-1	1015.89	1058.82	1074.79	1049.83	2.90	ppb
Sulfur	34-1	-1354.30	-1296.81	-1318.14	-1323.08		ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.42	0.47	0.45	0.45	5.79	ppb
Thallium	205-1	0.43	0.45	0.44	0.44	2.44	ppb
Tin	118-1	2.50	2.61	2.62	2.58	2.64	ppb
Titanium	47-1	726.13	765.83	766.98	752.98	3.09	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:22:23	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.94	0.93	0.93	1.87	ppb
Vanadium	51-2	152.34	150.02	156.21	152.86	2.05	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	331.99	332.09	333.33	332.47	0.23	ppb
Zirconium	90-1	9.12	9.56	9.61	9.43	2.87	ppb
Zirconium	91-1	9.01	9.63	9.58	9.41	3.69	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 17:25:23	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6425.37	6425.83	6455.55	6435.58	0.27	ppb
Antimony	121-1	0.21	0.22	0.23	0.22	3.91	ppb
Arsenic	75-2	17.80	17.74	17.37	17.64	1.34	ppb
Barium	135-1	82.56	85.57	84.57	84.23	1.82	ppb
Barium	137-1	83.21	84.96	85.21	84.46	1.29	ppb
Beryllium	9-1	0.32	0.27	0.27	0.29	9.77	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.55	0.36	0.47	20.83	ppb
Cadmium	106-1	-0.85	-1.39	-2.01	-1.42		ppb
Cadmium	111-1	0.27	0.22	0.22	0.24	11.03	ppb
Calcium	43-1	1821.70	1881.04	1872.08	1858.27	1.72	ppb
Calcium	44-1	1787.67	1845.62	1864.33	1832.54	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.35	18.10	18.13	18.19	0.73	ppb
Cobalt	59-2	9.25	9.31	9.14	9.23	0.93	ppb
Copper	63-2	44.21	43.74	43.54	43.83	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	17147.87	16915.48	16627.62	16896.99	1.54	ppb
Iron	57-2	16379.52	16469.27	16289.73	16379.51	0.55	ppb
Iron	54-2	16606.62	16552.13	16519.32	16559.36	0.27	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 17:25:23	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.91	18.25	18.39	18.19	1.37	ppb
Lead	207-1	17.38	17.57	17.93	17.63	1.59	ppb
Lead	208-1	17.48	17.92	18.02	17.81	1.60	ppb
Lithium	6-1				84		%
Magnesium	24-2	3745.34	3705.75	3668.30	3706.46	1.04	ppb
Manganese	55-2	559.26	555.37	556.26	556.96	0.37	ppb
Molybdenum	94-1	3.48	3.53	3.54	3.52	0.93	ppb
Molybdenum	95-1	0.23	0.24	0.23	0.23	3.80	ppb
Molybdenum	96-1	0.65	0.68	0.67	0.67	2.85	ppb
Molybdenum	97-1	0.22	0.23	0.21	0.22	4.40	ppb
Molybdenum	98-1	0.23	0.22	0.22	0.22	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.77	20.74	20.69	20.73	0.18	ppb
Phosphorus	31-2	376.15	378.55	368.06	374.26	1.47	ppb
Potassium	39-2	1465.98	1481.55	1430.15	1459.23	1.81	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.29	0.13	0.56	0.32	67.49	ppb
Selenium	77-2	3.33	2.19	3.63	3.05	25.02	ppb
Selenium	78-2	0.54	0.54	0.87	0.65	28.95	ppb
Silicon	28-1	649.98	656.19	655.51	653.89	0.52	ppb
Silver	107-1	0.09	0.10	0.10	0.10	2.14	ppb
Silver	109-1	0.10	0.10	0.10	0.10	3.02	ppb
Sodium	23-2	35.29	35.10	34.54	34.98	1.11	ppb
Strontium	86-1	222.57	228.72	225.27	225.52	1.37	ppb
Strontium	88-1	227.04	230.82	231.12	229.66	0.99	ppb
Sulfur	34-1	-1581.55	-1546.87	-1551.86	-1560.09		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.10	0.10	0.09	0.10	1.95	ppb
Thallium	205-1	0.10	0.09	0.10	0.10	4.18	ppb
Tin	118-1	0.54	0.56	0.58	0.56	3.48	ppb
Titanium	47-1	154.53	158.04	158.99	157.19	1.50	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 17:25:23	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.20	0.20	1.27	ppb
Vanadium	51-2	31.42	31.44	31.21	31.36	0.41	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	72.63	72.43	71.72	72.26	0.66	ppb
Zirconium	90-1	1.84	1.91	1.89	1.88	1.99	ppb
Zirconium	91-1	1.86	1.92	1.88	1.89	1.49	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:28:35	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30737.21	30372.82	30761.46	30623.83	0.71	ppb
Antimony	121-1	73.21	74.38	80.39	75.99	5.06	ppb
Arsenic	75-2	106.59	108.97	108.04	107.87	1.11	ppb
Barium	135-1	1750.54	1764.24	1933.48	1816.09	5.61	ppb
Barium	137-1	1743.39	1766.69	1931.65	1813.91	5.66	ppb
Beryllium	9-1	33.93	34.40	37.76	35.36	5.90	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.79	35.33	37.45	35.86	3.92	ppb
Cadmium	106-1	33.69	33.22	35.69	34.20	3.84	ppb
Cadmium	111-1	37.40	38.19	41.35	38.98	5.36	ppb
Calcium	43-1	8313.02	8686.47	9295.03	8764.84	5.66	ppb
Calcium	44-1	8220.30	8436.96	9104.46	8587.24	5.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	226.19	220.90	223.82	223.64	1.18	ppb
Cobalt	59-2	397.03	389.07	397.14	394.41	1.17	ppb
Copper	63-2	369.22	368.28	375.02	370.84	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	78140.68	77403.51	78217.49	77920.56	0.58	ppb
Iron	57-2	77333.35	75364.94	77946.41	76881.57	1.75	ppb
Iron	54-2	76691.60	75759.26	77217.32	76556.06	0.96	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:28:35	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	99.24	99.87	112.17	103.76	7.03	ppb
Lead	207-1	95.99	97.19	107.52	100.23	6.33	ppb
Lead	208-1	97.94	98.04	109.28	101.75	6.40	ppb
Lithium	6-1				81		%
Magnesium	24-2	16890.44	16702.49	16910.46	16834.46	0.68	ppb
Manganese	55-2	2889.47	2847.59	2892.28	2876.45	0.87	ppb
Molybdenum	94-1	16.10	16.31	17.38	16.60	4.13	ppb
Molybdenum	95-1	1.01	1.07	1.12	1.07	5.27	ppb
Molybdenum	96-1	3.02	3.07	3.24	3.11	3.68	ppb
Molybdenum	97-1	1.00	1.08	1.12	1.06	5.65	ppb
Molybdenum	98-1	1.03	1.03	1.08	1.05	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	458.56	456.10	459.75	458.14	0.41	ppb
Phosphorus	31-2	1799.32	1748.57	1750.62	1766.17	1.63	ppb
Potassium	39-2	6589.06	6490.58	6539.31	6539.65	0.75	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	68.23	70.40	74.38	71.00	4.39	ppb
Selenium	77-2	80.81	80.60	80.65	80.69	0.14	ppb
Selenium	78-2	68.87	70.61	68.65	69.38	1.54	ppb
Silicon	28-1	2977.58	3141.78	3299.00	3139.45	5.12	ppb
Silver	107-1	28.31	29.41	31.38	29.70	5.24	ppb
Silver	109-1	28.90	29.53	31.78	30.07	5.04	ppb
Sodium	23-2	130.04	127.51	131.35	129.63	1.51	ppb
Strontium	86-1	1028.39	1050.95	1114.37	1064.57	4.19	ppb
Strontium	88-1	1027.02	1053.28	1148.17	1076.15	5.92	ppb
Sulfur	34-1	-1317.77	-1251.91	-1127.93	-1232.54		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	36.18	36.67	40.51	37.79	6.28	ppb
Thallium	205-1	36.16	36.66	40.08	37.63	5.67	ppb
Tin	118-1	2.55	2.63	2.85	2.68	5.76	ppb
Titanium	47-1	725.74	744.95	822.25	764.31	6.68	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:28:35	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.93	1.04	0.97	6.17	ppb
Vanadium	51-2	488.79	481.90	483.37	484.69	0.75	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	668.52	655.79	665.33	663.21	1.00	ppb
Zirconium	90-1	8.55	8.83	9.41	8.93	4.88	ppb
Zirconium	91-1	8.52	8.81	9.28	8.87	4.32	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:31:32	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35327.45	33864.39	34016.98	34402.94	2.34	ppb
Antimony	121-1	282.97	287.99	287.75	286.24	0.99	ppb
Arsenic	75-2	186.92	184.36	187.13	186.14	0.83	ppb
Barium	135-1	6040.32	6195.69	6158.17	6131.39	1.32	ppb
Barium	137-1	6093.96	6142.14	6111.21	6115.77	0.40	ppb
Beryllium	9-1	143.30	141.53	141.84	142.23	0.66	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	129.32	129.37	130.95	129.88	0.71	ppb
Cadmium	106-1	124.93	127.79	125.82	126.18	1.16	ppb
Cadmium	111-1	142.12	146.30	143.87	144.10	1.46	ppb
Calcium	43-1	8141.93	8414.78	8291.40	8282.70	1.65	ppb
Calcium	44-1	7962.45	8243.95	8084.08	8096.83	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	693.16	674.90	681.88	683.31	1.35	ppb
Cobalt	59-2	1586.32	1554.85	1529.99	1557.05	1.81	ppb
Copper	63-2	930.90	916.40	904.67	917.32	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	80467.22	78678.75	78343.46	79163.14	1.44	ppb
Iron	57-2	79764.91	78279.47	77218.22	78420.87	1.63	ppb
Iron	54-2	80358.76	77700.77	77373.08	78477.53	2.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:31:32	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	141.02	145.56	142.86	143.15	1.60	ppb
Lead	207-1	140.48	144.53	140.46	141.83	1.65	ppb
Lead	208-1	139.89	143.86	140.86	141.54	1.46	ppb
Lithium	6-1				82		%
Magnesium	24-2	16672.18	16688.60	16508.44	16623.07	0.60	ppb
Manganese	55-2	4024.26	3901.36	3912.12	3945.91	1.72	ppb
Molybdenum	94-1	15.96	16.29	16.30	16.18	1.21	ppb
Molybdenum	95-1	1.09	1.05	1.11	1.08	2.58	ppb
Molybdenum	96-1	3.02	3.06	3.11	3.07	1.48	ppb
Molybdenum	97-1	1.02	1.08	1.06	1.05	2.99	ppb
Molybdenum	98-1	1.05	1.07	1.07	1.07	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1638.90	1620.73	1595.71	1618.45	1.34	ppb
Phosphorus	31-2	1762.70	1694.26	1719.14	1725.37	2.01	ppb
Potassium	39-2	6498.27	6351.79	6344.07	6398.04	1.36	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	297.78	297.93	299.11	298.27	0.24	ppb
Selenium	77-2	316.99	317.35	313.90	316.08	0.60	ppb
Selenium	78-2	297.86	298.61	296.75	297.74	0.31	ppb
Silicon	28-1	2875.56	2882.87	2877.43	2878.62	0.13	ppb
Silver	107-1	118.69	121.65	118.84	119.72	1.40	ppb
Silver	109-1	121.23	121.39	121.04	121.22	0.14	ppb
Sodium	23-2	132.71	131.00	130.02	131.24	1.04	ppb
Strontium	86-1	995.86	1002.35	1009.16	1002.46	0.66	ppb
Strontium	88-1	1028.53	1030.32	1035.44	1031.43	0.35	ppb
Sulfur	34-1	-1305.22	-1306.35	-1322.35	-1311.31		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	142.55	147.92	144.80	145.09	1.86	ppb
Thallium	205-1	142.44	149.22	145.31	145.66	2.34	ppb
Tin	118-1	2.55	2.63	2.60	2.59	1.61	ppb
Titanium	47-1	724.29	730.65	738.46	731.13	0.97	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:31:32	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.93	0.93	0.92	1.88	ppb
Vanadium	51-2	1619.19	1585.34	1588.23	1597.59	1.17	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	1819.18	1793.57	1744.12	1785.62	2.14	ppb
Zirconium	90-1	8.58	8.73	8.83	8.71	1.43	ppb
Zirconium	91-1	8.63	8.90	8.92	8.81	1.86	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-09	Instrumnet Name :	P7
Client Sample ID :	MYE5H0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:34:24	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35403.00	35430.96	34780.64	35204.87	1.04	ppb
Antimony	121-1	0.97	0.92	0.93	0.94	2.61	ppb
Arsenic	75-2	120.22	116.92	118.26	118.47	1.40	ppb
Barium	135-1	600.36	608.03	608.39	605.60	0.75	ppb
Barium	137-1	596.15	600.57	606.29	601.00	0.85	ppb
Beryllium	9-1	1.29	1.61	1.50	1.47	11.02	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.53	1.56	1.50	4.93	ppb
Cadmium	106-1	1.54	0.88	0.69	1.04	43.00	ppb
Cadmium	111-1	0.88	0.82	0.79	0.83	5.25	ppb
Calcium	43-1	137973.44	136362.35	140810.57	138382.12	1.63	ppb
Calcium	44-1	137301.10	137845.81	140255.82	138467.58	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.77	84.23	84.12	84.37	0.41	ppb
Cobalt	59-2	45.74	44.79	45.16	45.23	1.06	ppb
Copper	63-2	153.34	148.73	152.93	151.67	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	77999.44	78613.89	77166.89	77926.74	0.93	ppb
Iron	57-2	77914.26	76641.94	77139.13	77231.78	0.83	ppb
Iron	54-2	77274.47	76859.85	76641.61	76925.31	0.42	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-09	Instrumnet Name :	P7
Client Sample ID :	MYE5H0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:34:24	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	69.49	69.91	70.27	69.89	0.56	ppb
Lead	207-1	67.37	67.21	67.82	67.46	0.47	ppb
Lead	208-1	67.47	68.26	68.81	68.18	0.99	ppb
Lithium	6-1				80		%
Magnesium	24-2	20477.82	19918.52	19935.88	20110.74	1.58	ppb
Manganese	55-2	3608.21	3564.32	3539.73	3570.75	0.97	ppb
Molybdenum	94-1	16.44	16.48	16.98	16.63	1.82	ppb
Molybdenum	95-1	0.65	0.66	0.69	0.67	3.31	ppb
Molybdenum	96-1	2.77	2.79	2.79	2.78	0.53	ppb
Molybdenum	97-1	0.66	0.62	0.66	0.65	2.98	ppb
Molybdenum	98-1	0.62	0.62	0.64	0.63	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.84	98.73	98.34	98.97	0.78	ppb
Phosphorus	31-2	2476.16	2453.31	2474.60	2468.02	0.52	ppb
Potassium	39-2	7640.49	7699.36	7617.65	7652.50	0.55	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	0.93	0.87	1.13	0.98	14.28	ppb
Selenium	77-2	16.80	13.36	16.40	15.52	12.10	ppb
Selenium	78-2	3.62	3.89	4.15	3.89	6.77	ppb
Silicon	28-1	2519.33	2565.52	2522.08	2535.64	1.02	ppb
Silver	107-1	0.30	0.29	0.26	0.28	6.55	ppb
Silver	109-1	0.30	0.27	0.28	0.28	6.74	ppb
Sodium	23-2	119.63	120.09	119.08	119.60	0.42	ppb
Strontium	86-1	2149.77	2156.47	2167.14	2157.79	0.41	ppb
Strontium	88-1	2207.20	2204.14	2203.10	2204.82	0.10	ppb
Sulfur	34-1	-471.66	-499.34	-449.17	-473.39		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.52	0.51	0.50	0.51	1.70	ppb
Thallium	205-1	0.52	0.50	0.51	0.51	1.61	ppb
Tin	118-1	2.35	2.36	2.39	2.37	0.81	ppb
Titanium	47-1	716.40	732.78	733.11	727.43	1.31	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-09	Instrumnet Name :	P7
Client Sample ID :	MYE5H0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:34:24	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.73	0.74	0.73	1.09	ppb
Vanadium	51-2	163.62	160.65	162.48	162.25	0.93	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	193.37	191.55	189.99	191.64	0.88	ppb
Zirconium	90-1	9.13	9.14	9.35	9.21	1.35	ppb
Zirconium	91-1	9.09	9.20	9.25	9.18	0.87	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-10	Instrumnet Name :	P7
Client Sample ID :	MYE5H1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:37:25	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33965.16	34458.65	33506.74	33976.85	1.40	ppb
Antimony	121-1	0.89	0.86	0.83	0.86	2.93	ppb
Arsenic	75-2	104.71	104.09	104.22	104.34	0.31	ppb
Barium	135-1	427.31	412.69	415.81	418.60	1.84	ppb
Barium	137-1	425.38	406.15	410.03	413.85	2.46	ppb
Beryllium	9-1	1.35	1.25	1.26	1.29	4.27	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.46	1.37	1.48	1.43	4.11	ppb
Cadmium	106-1	1.27	1.43	0.23	0.98	67.12	ppb
Cadmium	111-1	0.88	0.89	0.76	0.84	9.05	ppb
Calcium	43-1	51410.81	50336.08	50629.92	50792.27	1.09	ppb
Calcium	44-1	52494.30	50762.78	50819.65	51358.91	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.64	80.33	79.35	80.11	0.84	ppb
Cobalt	59-2	40.87	41.10	40.39	40.79	0.89	ppb
Copper	63-2	150.17	150.51	145.87	148.85	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	75294.25	76745.11	74131.53	75390.30	1.74	ppb
Iron	57-2	74668.30	74892.83	72542.07	74034.40	1.75	ppb
Iron	54-2	74965.79	75372.93	72729.52	74356.08	1.91	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-10	Instrumnet Name :	P7
Client Sample ID :	MYE5H1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:37:25	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.58	49.15	49.38	49.70	1.55	ppb
Lead	207-1	49.17	47.77	48.20	48.38	1.48	ppb
Lead	208-1	49.31	47.94	48.32	48.52	1.46	ppb
Lithium	6-1				77		%
Magnesium	24-2	19783.22	20305.07	19473.20	19853.83	2.12	ppb
Manganese	55-2	2227.06	2214.80	2160.18	2200.68	1.62	ppb
Molybdenum	94-1	10.51	10.37	10.38	10.42	0.72	ppb
Molybdenum	95-1	0.74	0.70	0.70	0.71	3.38	ppb
Molybdenum	96-1	2.22	2.19	2.09	2.17	3.02	ppb
Molybdenum	97-1	0.72	0.69	0.71	0.71	2.31	ppb
Molybdenum	98-1	0.67	0.68	0.65	0.67	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.50	92.19	89.06	90.58	1.73	ppb
Phosphorus	31-2	2665.74	2650.24	2540.83	2618.94	2.60	ppb
Potassium	39-2	8282.07	8280.68	8011.24	8191.33	1.90	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.89	0.98	0.97	0.94	5.28	ppb
Selenium	77-2	14.96	14.27	13.56	14.26	4.89	ppb
Selenium	78-2	3.25	3.41	2.25	2.97	21.24	ppb
Silicon	28-1	2061.95	2010.72	1991.27	2021.31	1.81	ppb
Silver	107-1	0.28	0.26	0.26	0.27	4.71	ppb
Silver	109-1	0.30	0.28	0.29	0.29	2.66	ppb
Sodium	23-2	173.20	173.51	173.17	173.29	0.11	ppb
Strontium	86-1	1925.00	1896.56	1882.19	1901.25	1.15	ppb
Strontium	88-1	1965.83	1932.76	1933.95	1944.18	0.96	ppb
Sulfur	34-1	-188.10	-397.66	-398.19	-327.98		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.35	0.36	0.35	0.35	2.18	ppb
Thallium	205-1	0.36	0.34	0.34	0.35	3.64	ppb
Tin	118-1	2.36	2.27	2.27	2.30	2.39	ppb
Titanium	47-1	767.66	740.21	742.54	750.14	2.03	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-10	Instrumnet Name :	P7
Client Sample ID :	MYE5H1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:37:25	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.68	0.67	0.68	1.44	ppb
Vanadium	51-2	155.18	152.43	147.30	151.64	2.64	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	213.31	215.90	210.80	213.34	1.20	ppb
Zirconium	90-1	5.65	5.52	5.56	5.58	1.13	ppb
Zirconium	91-1	5.66	5.55	5.48	5.56	1.71	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-11	Instrumnet Name :	P7
Client Sample ID :	MYE5H2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:40:29	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28360.49	28465.85	28374.71	28400.35	0.20	ppb
Antimony	121-1	0.95	0.96	0.98	0.96	1.73	ppb
Arsenic	75-2	87.96	89.19	89.30	88.81	0.84	ppb
Barium	135-1	423.79	432.57	431.55	429.30	1.12	ppb
Barium	137-1	415.15	426.98	427.67	423.27	1.66	ppb
Beryllium	9-1	1.17	1.24	1.30	1.24	5.50	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	1.12	1.17	1.11	5.87	ppb
Cadmium	106-1	0.53	0.70	-0.52	0.23	280.95	ppb
Cadmium	111-1	0.59	0.60	0.54	0.57	5.24	ppb
Calcium	43-1	58059.37	57896.98	58558.91	58171.76	0.59	ppb
Calcium	44-1	57670.56	58303.20	58396.40	58123.39	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68.78	68.07	69.42	68.76	0.98	ppb
Cobalt	59-2	35.77	35.48	35.74	35.67	0.45	ppb
Copper	63-2	111.14	109.84	111.27	110.75	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	68250.01	67625.86	68531.17	68135.68	0.68	ppb
Iron	57-2	67370.02	67663.50	67226.21	67419.91	0.33	ppb
Iron	54-2	67708.84	66057.27	67595.12	67120.41	1.37	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-11	Instrumnet Name :	P7
Client Sample ID :	MYE5H2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:40:29	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.11	36.16	35.87	35.71	1.52	ppb
Lead	207-1	33.62	34.69	34.48	34.27	1.65	ppb
Lead	208-1	34.01	35.05	34.89	34.65	1.62	ppb
Lithium	6-1				78		%
Magnesium	24-2	17050.46	17192.70	17113.03	17118.73	0.42	ppb
Manganese	55-2	2844.44	2791.37	2803.23	2813.01	0.99	ppb
Molybdenum	94-1	13.68	13.60	13.46	13.58	0.81	ppb
Molybdenum	95-1	0.73	0.72	0.72	0.72	0.88	ppb
Molybdenum	96-1	2.45	2.46	2.43	2.45	0.72	ppb
Molybdenum	97-1	0.73	0.71	0.69	0.71	2.27	ppb
Molybdenum	98-1	0.69	0.69	0.67	0.68	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.11	75.56	76.21	75.96	0.46	ppb
Phosphorus	31-2	1855.01	1823.38	1827.52	1835.30	0.94	ppb
Potassium	39-2	5633.43	5718.15	5830.35	5727.31	1.72	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	1.11	1.00	0.97	1.03	7.24	ppb
Selenium	77-2	13.14	13.07	12.69	12.97	1.86	ppb
Selenium	78-2	3.17	1.98	2.26	2.47	25.13	ppb
Silicon	28-1	2551.52	2474.97	2545.34	2523.94	1.68	ppb
Silver	107-1	0.15	0.16	0.16	0.16	3.61	ppb
Silver	109-1	0.15	0.16	0.16	0.16	4.57	ppb
Sodium	23-2	114.47	113.30	116.66	114.81	1.49	ppb
Strontium	86-1	1322.27	1343.03	1327.69	1331.00	0.81	ppb
Strontium	88-1	1357.94	1371.29	1353.77	1361.00	0.67	ppb
Sulfur	34-1	-593.35	-634.59	-620.40	-616.11		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.32	0.34	0.34	0.33	3.51	ppb
Thallium	205-1	0.32	0.34	0.33	0.33	2.87	ppb
Tin	118-1	2.04	2.08	2.08	2.07	1.03	ppb
Titanium	47-1	551.20	551.03	553.73	551.98	0.27	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-11	Instrumnet Name :	P7
Client Sample ID :	MYE5H2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:40:29	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.59	0.59	0.59	0.41	ppb
Vanadium	51-2	128.49	127.94	128.65	128.36	0.29	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	168.30	168.54	171.67	169.50	1.11	ppb
Zirconium	90-1	7.36	7.40	7.33	7.36	0.44	ppb
Zirconium	91-1	7.36	7.54	7.49	7.47	1.24	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-12	Instrumnet Name :	P7
Client Sample ID :	MYE5H3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:43:32	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36736.70	35508.33	35947.55	36064.19	1.73	ppb
Antimony	121-1	0.56	0.54	0.57	0.56	2.33	ppb
Arsenic	75-2	84.56	85.93	84.16	84.88	1.10	ppb
Barium	135-1	575.19	582.36	572.03	576.52	0.92	ppb
Barium	137-1	571.62	573.78	571.06	572.15	0.25	ppb
Beryllium	9-1	1.73	1.82	1.65	1.73	5.12	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.72	1.79	1.73	1.75	2.26	ppb
Cadmium	106-1	3.01	2.29	1.69	2.33	28.16	ppb
Cadmium	111-1	1.10	1.07	1.04	1.07	2.62	ppb
Calcium	43-1	103708.51	106053.62	106468.85	105410.33	1.41	ppb
Calcium	44-1	104230.97	106725.00	106120.69	105692.22	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.32	69.50	69.76	69.53	0.32	ppb
Cobalt	59-2	42.53	42.67	43.45	42.89	1.16	ppb
Copper	63-2	156.46	158.56	157.81	157.61	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	65222.08	64594.21	65442.09	65086.13	0.68	ppb
Iron	57-2	64834.34	63606.80	65026.54	64489.23	1.19	ppb
Iron	54-2	63132.21	63759.76	64102.66	63664.88	0.77	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-12	Instrumnet Name :	P7
Client Sample ID :	MYE5H3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:43:32	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.53	58.85	58.41	58.26	1.16	ppb
Lead	207-1	54.98	56.37	55.95	55.77	1.28	ppb
Lead	208-1	55.57	56.90	56.90	56.46	1.36	ppb
Lithium	6-1				80		%
Magnesium	24-2	20615.60	20423.04	20364.82	20467.82	0.64	ppb
Manganese	55-2	3278.13	3282.40	3314.79	3291.78	0.61	ppb
Molybdenum	94-1	23.24	24.19	23.78	23.74	2.02	ppb
Molybdenum	95-1	0.55	0.54	0.54	0.54	1.37	ppb
Molybdenum	96-1	3.30	3.41	3.34	3.35	1.66	ppb
Molybdenum	97-1	0.52	0.51	0.48	0.50	3.75	ppb
Molybdenum	98-1	0.48	0.51	0.49	0.50	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.66	92.35	92.44	92.49	0.17	ppb
Phosphorus	31-2	2336.18	2361.51	2432.70	2376.80	2.11	ppb
Potassium	39-2	7693.84	7540.00	7691.03	7641.62	1.15	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	0.89	0.79	0.65	0.78	15.02	ppb
Selenium	77-2	16.13	16.73	18.39	17.08	6.87	ppb
Selenium	78-2	3.76	3.97	4.33	4.02	7.25	ppb
Silicon	28-1	2833.20	2876.37	2943.03	2884.20	1.92	ppb
Silver	107-1	0.29	0.28	0.28	0.28	2.62	ppb
Silver	109-1	0.28	0.28	0.29	0.28	3.39	ppb
Sodium	23-2	123.87	124.29	125.06	124.41	0.49	ppb
Strontium	86-1	1805.31	1853.58	1841.40	1833.43	1.37	ppb
Strontium	88-1	1852.12	1883.90	1888.93	1874.99	1.06	ppb
Sulfur	34-1	-449.06	-439.46	-446.44	-444.99		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.53	0.55	0.55	0.54	2.40	ppb
Thallium	205-1	0.54	0.56	0.55	0.55	1.87	ppb
Tin	118-1	2.27	2.30	2.28	2.28	0.71	ppb
Titanium	47-1	687.56	716.96	712.42	705.64	2.24	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-12	Instrumnet Name :	P7
Client Sample ID :	MYE5H3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:43:32	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.81	0.80	0.80	2.32	ppb
Vanadium	51-2	133.37	132.91	133.94	133.41	0.38	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	197.08	197.38	197.30	197.25	0.08	ppb
Zirconium	90-1	13.01	13.29	13.26	13.19	1.13	ppb
Zirconium	91-1	12.89	13.41	13.37	13.22	2.20	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-13	Instrumnet Name :	P7
Client Sample ID :	MYE5H4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:46:36	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27317.37	27060.93	27787.80	27388.70	1.35	ppb
Antimony	121-1	1.27	1.28	1.29	1.28	0.84	ppb
Arsenic	75-2	80.28	80.29	80.68	80.42	0.28	ppb
Barium	135-1	414.78	416.62	424.00	418.47	1.17	ppb
Barium	137-1	411.83	416.09	426.97	418.30	1.87	ppb
Beryllium	9-1	0.98	0.97	0.97	0.97	0.74	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.90	1.02	1.25	1.06	16.82	ppb
Cadmium	106-1	1.40	0.44	-0.08	0.59	128.10	ppb
Cadmium	111-1	0.47	0.42	0.38	0.42	10.69	ppb
Calcium	43-1	23121.98	24258.02	24251.39	23877.13	2.74	ppb
Calcium	44-1	22872.91	24258.77	23914.75	23682.15	3.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.12	83.74	83.16	83.00	0.99	ppb
Cobalt	59-2	41.09	41.68	41.48	41.41	0.72	ppb
Copper	63-2	98.03	99.68	99.53	99.08	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	56-2	69427.82	70707.64	70619.67	70251.71	1.02	ppb
Iron	57-2	68542.60	69518.37	69734.65	69265.21	0.92	ppb
Iron	54-2	68870.03	69835.99	69977.45	69561.16	0.87	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-13	Instrumnet Name :	P7
Client Sample ID :	MYE5H4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:46:36	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.00	25.67	25.61	25.43	1.47	ppb
Lead	207-1	24.11	24.50	24.19	24.27	0.85	ppb
Lead	208-1	24.25	24.85	24.70	24.60	1.27	ppb
Lithium	6-1				81		%
Magnesium	24-2	17521.99	17251.18	17745.81	17506.33	1.41	ppb
Manganese	55-2	1958.19	1985.87	1978.58	1974.21	0.73	ppb
Molybdenum	94-1	13.84	14.27	14.61	14.24	2.69	ppb
Molybdenum	95-1	0.63	0.63	0.64	0.63	0.78	ppb
Molybdenum	96-1	2.38	2.41	2.51	2.43	2.72	ppb
Molybdenum	97-1	0.59	0.64	0.62	0.62	4.04	ppb
Molybdenum	98-1	0.60	0.59	0.62	0.60	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.00	89.55	89.18	88.58	1.56	ppb
Phosphorus	31-2	1715.63	1736.16	1727.36	1726.38	0.60	ppb
Potassium	39-2	4359.82	4440.84	4490.81	4430.49	1.49	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.52	0.45	0.50	0.49	7.70	ppb
Selenium	77-2	13.00	14.40	15.18	14.19	7.78	ppb
Selenium	78-2	2.99	3.60	3.42	3.34	9.47	ppb
Silicon	28-1	2008.80	2072.58	2115.20	2065.53	2.59	ppb
Silver	107-1	0.10	0.10	0.10	0.10	2.22	ppb
Silver	109-1	0.11	0.10	0.10	0.10	4.55	ppb
Sodium	23-2	110.82	113.18	114.04	112.68	1.48	ppb
Strontium	86-1	1328.89	1379.55	1401.94	1370.13	2.73	ppb
Strontium	88-1	1357.18	1422.67	1424.14	1401.33	2.73	ppb
Sulfur	34-1	-781.51	-841.69	-865.80	-829.66		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.20	0.21	0.20	0.20	0.77	ppb
Thallium	205-1	0.20	0.21	0.21	0.21	2.07	ppb
Tin	118-1	1.80	1.82	1.88	1.83	2.23	ppb
Titanium	47-1	488.74	514.98	536.12	513.28	4.62	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-13	Instrumnet Name :	P7
Client Sample ID :	MYE5H4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:46:36	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.55	0.55	0.56	0.56	0.80	ppb
Vanadium	51-2	114.29	116.30	116.73	115.77	1.13	ppb
Yttrium	89-1				115		%
Yttrium	89-2				107		%
Zinc	66-2	160.85	163.11	163.84	162.60	0.96	ppb
Zirconium	90-1	7.55	7.83	7.94	7.77	2.57	ppb
Zirconium	91-1	7.55	7.74	7.93	7.74	2.46	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-14	Instrumnet Name :	P7
Client Sample ID :	MYE5H5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:49:39	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27717.35	27785.09	27044.74	27515.73	1.49	ppb
Antimony	121-1	1.67	1.69	1.68	1.68	0.66	ppb
Arsenic	75-2	85.70	85.12	85.17	85.33	0.37	ppb
Barium	135-1	398.49	397.60	397.53	397.87	0.14	ppb
Barium	137-1	387.88	394.05	392.84	391.59	0.84	ppb
Beryllium	9-1	0.91	0.82	0.91	0.88	6.04	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.16	0.99	1.30	1.15	13.49	ppb
Cadmium	106-1	1.40	0.25	0.74	0.80	72.31	ppb
Cadmium	111-1	0.47	0.40	0.43	0.43	7.99	ppb
Calcium	43-1	39437.00	39602.59	40396.27	39811.95	1.29	ppb
Calcium	44-1	38930.01	39472.79	39544.01	39315.60	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.89	103.16	102.16	103.07	0.84	ppb
Cobalt	59-2	39.50	39.41	38.90	39.27	0.82	ppb
Copper	63-2	106.97	107.89	104.80	106.56	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	75868.31	75420.01	73597.68	74962.00	1.60	ppb
Iron	57-2	74475.09	74945.92	74126.06	74515.69	0.55	ppb
Iron	54-2	75442.09	74332.79	73263.28	74346.05	1.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-14	Instrumnet Name :	P7
Client Sample ID :	MYE5H5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:49:39	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.03	24.46	24.63	24.37	1.28	ppb
Lead	207-1	23.15	23.21	23.47	23.28	0.73	ppb
Lead	208-1	23.35	23.61	23.78	23.58	0.90	ppb
Lithium	6-1				82		%
Magnesium	24-2	19120.60	18926.30	18900.13	18982.34	0.63	ppb
Manganese	55-2	1990.89	1965.22	1936.11	1964.07	1.40	ppb
Molybdenum	94-1	17.17	17.35	17.38	17.30	0.63	ppb
Molybdenum	95-1	0.74	0.73	0.73	0.73	0.70	ppb
Molybdenum	96-1	2.91	2.87	2.90	2.89	0.71	ppb
Molybdenum	97-1	0.74	0.76	0.74	0.75	1.57	ppb
Molybdenum	98-1	0.70	0.71	0.71	0.70	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.15	97.33	95.94	96.80	0.78	ppb
Phosphorus	31-2	1734.68	1748.25	1728.35	1737.09	0.59	ppb
Potassium	39-2	4241.46	4219.86	4148.02	4203.11	1.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.70	0.38	0.29	0.46	46.94	ppb
Selenium	77-2	14.14	12.00	11.54	12.56	11.08	ppb
Selenium	78-2	2.57	2.03	2.77	2.46	15.66	ppb
Silicon	28-1	1895.86	1849.48	1873.32	1872.89	1.24	ppb
Silver	107-1	0.10	0.11	0.11	0.11	2.40	ppb
Silver	109-1	0.11	0.10	0.11	0.11	2.22	ppb
Sodium	23-2	118.15	115.56	113.53	115.75	2.00	ppb
Strontium	86-1	1514.77	1504.36	1521.69	1513.61	0.58	ppb
Strontium	88-1	1535.83	1536.73	1542.41	1538.32	0.23	ppb
Sulfur	34-1	-717.52	-772.65	-685.46	-725.21		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.19	0.19	0.18	0.18	1.09	ppb
Thallium	205-1	0.18	0.18	0.18	0.18	0.96	ppb
Tin	118-1	3.12	3.13	3.19	3.15	1.21	ppb
Titanium	47-1	482.96	490.41	494.34	489.23	1.18	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-14	Instrumnet Name :	P7
Client Sample ID :	MYE5H5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:49:39	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.59	0.61	0.59	2.08	ppb
Vanadium	51-2	115.61	116.82	112.97	115.13	1.71	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	163.24	163.30	160.32	162.29	1.05	ppb
Zirconium	90-1	9.39	9.47	9.47	9.44	0.49	ppb
Zirconium	91-1	9.55	9.47	9.56	9.53	0.49	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-15	Instrumnet Name :	P7
Client Sample ID :	MYE5H6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:52:45	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21566.48	21201.67	21225.73	21331.29	0.96	ppb
Antimony	121-1	0.65	0.71	0.69	0.68	4.15	ppb
Arsenic	75-2	37.93	37.10	37.77	37.60	1.18	ppb
Barium	135-1	296.73	312.33	316.82	308.63	3.42	ppb
Barium	137-1	300.96	316.66	319.60	312.41	3.21	ppb
Beryllium	9-1	0.62	0.74	0.62	0.66	10.52	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.85	0.80	0.68	0.77	11.55	ppb
Cadmium	106-1	-0.05	-0.69	-1.07	-0.60		ppb
Cadmium	111-1	0.31	0.25	0.24	0.27	14.15	ppb
Calcium	43-1	18499.48	18968.35	18721.96	18729.93	1.25	ppb
Calcium	44-1	17995.87	19217.83	18947.88	18720.53	3.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.81	64.24	64.74	64.59	0.48	ppb
Cobalt	59-2	32.16	31.75	31.96	31.95	0.65	ppb
Copper	63-2	91.58	90.76	91.15	91.16	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	50446.12	49917.91	49912.06	50092.03	0.61	ppb
Iron	57-2	50191.78	49497.03	49717.02	49801.94	0.71	ppb
Iron	54-2	49682.83	49687.61	49729.85	49700.10	0.05	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-15	Instrumnet Name :	P7
Client Sample ID :	MYE5H6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:52:45	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.80	17.40	17.58	17.26	2.38	ppb
Lead	207-1	15.93	16.56	16.64	16.38	2.36	ppb
Lead	208-1	16.23	16.87	16.88	16.66	2.25	ppb
Lithium	6-1				82		%
Magnesium	24-2	14509.16	14223.82	14496.55	14409.85	1.12	ppb
Manganese	55-2	1961.18	1960.97	1944.10	1955.42	0.50	ppb
Molybdenum	94-1	7.46	7.94	7.83	7.74	3.23	ppb
Molybdenum	95-1	0.76	0.84	0.79	0.80	4.90	ppb
Molybdenum	96-1	1.73	1.81	1.86	1.80	3.68	ppb
Molybdenum	97-1	0.81	0.80	0.81	0.80	0.69	ppb
Molybdenum	98-1	0.74	0.79	0.79	0.78	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.93	56.90	57.22	57.02	0.31	ppb
Phosphorus	31-2	1524.79	1509.88	1512.36	1515.68	0.53	ppb
Potassium	39-2	5830.50	5767.92	5952.43	5850.29	1.60	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.42	0.27	0.37	0.35	21.71	ppb
Selenium	77-2	9.42	9.75	10.91	10.03	7.77	ppb
Selenium	78-2	3.04	2.17	2.71	2.64	16.66	ppb
Silicon	28-1	3026.64	3145.77	3062.65	3078.35	1.98	ppb
Silver	107-1	0.17	0.18	0.17	0.17	3.01	ppb
Silver	109-1	0.16	0.18	0.18	0.17	5.15	ppb
Sodium	23-2	122.09	122.41	124.99	123.16	1.29	ppb
Strontium	86-1	2721.75	2843.35	2848.96	2804.69	2.56	ppb
Strontium	88-1	2795.33	2898.13	2897.26	2863.57	2.06	ppb
Sulfur	34-1	-571.46	-649.84	-811.27	-677.52		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.16	0.16	0.16	0.16	1.43	ppb
Thallium	205-1	0.15	0.16	0.15	0.16	2.90	ppb
Tin	118-1	1.51	1.62	1.62	1.58	4.16	ppb
Titanium	47-1	350.83	367.68	363.00	360.50	2.41	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-15	Instrumnet Name :	P7
Client Sample ID :	MYE5H6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:52:45	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.56	0.55	0.54	3.88	ppb
Vanadium	51-2	80.84	80.33	80.18	80.45	0.43	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	152.49	152.55	151.93	152.32	0.22	ppb
Zirconium	90-1	3.92	4.13	4.12	4.06	2.95	ppb
Zirconium	91-1	3.85	4.12	4.14	4.04	4.10	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-16	Instrumnet Name :	P7
Client Sample ID :	MYE5H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:55:49	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26131.52	26178.75	25348.01	25886.09	1.80	ppb
Antimony	121-1	1.19	1.26	1.25	1.23	3.01	ppb
Arsenic	75-2	91.76	91.82	91.54	91.71	0.17	ppb
Barium	135-1	386.74	410.81	399.61	399.05	3.02	ppb
Barium	137-1	387.20	411.55	401.96	400.24	3.06	ppb
Beryllium	9-1	0.92	0.79	0.92	0.88	8.41	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.03	1.01	0.94	0.99	4.88	ppb
Cadmium	106-1	-0.07	0.48	-0.12	0.10	337.27	ppb
Cadmium	111-1	0.18	0.22	0.17	0.19	12.84	ppb
Calcium	43-1	29072.83	31117.24	30208.68	30132.92	3.40	ppb
Calcium	44-1	29277.69	30637.50	30534.02	30149.74	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.76	63.35	61.41	62.84	2.00	ppb
Cobalt	59-2	36.28	36.19	35.02	35.83	1.96	ppb
Copper	63-2	86.94	85.05	84.39	85.46	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	71326.81	69848.83	68281.41	69819.02	2.18	ppb
Iron	57-2	70061.43	69245.43	67733.37	69013.41	1.71	ppb
Iron	54-2	69443.89	68882.57	66519.78	68282.08	2.27	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-16	Instrumnet Name :	P7
Client Sample ID :	MYE5H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:55:49	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.86	18.92	18.55	18.44	2.92	ppb
Lead	207-1	16.79	17.72	17.52	17.34	2.84	ppb
Lead	208-1	17.16	18.13	17.83	17.71	2.82	ppb
Lithium	6-1				78		%
Magnesium	24-2	17638.27	17299.65	17015.04	17317.65	1.80	ppb
Manganese	55-2	1615.70	1582.44	1531.33	1576.49	2.70	ppb
Molybdenum	94-1	16.29	17.13	17.09	16.84	2.79	ppb
Molybdenum	95-1	0.61	0.67	0.63	0.64	4.73	ppb
Molybdenum	96-1	2.63	2.76	2.83	2.74	3.62	ppb
Molybdenum	97-1	0.60	0.63	0.68	0.64	5.95	ppb
Molybdenum	98-1	0.61	0.66	0.65	0.64	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.24	75.13	72.77	74.38	1.88	ppb
Phosphorus	31-2	1626.66	1634.78	1586.66	1616.03	1.59	ppb
Potassium	39-2	3123.53	3071.51	3005.93	3066.99	1.92	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	0.40	0.31	0.01	0.24	86.84	ppb
Selenium	77-2	11.82	15.40	13.32	13.52	13.31	ppb
Selenium	78-2	2.92	2.78	2.73	2.81	3.43	ppb
Silicon	28-1	1641.60	1748.50	1710.67	1700.26	3.19	ppb
Silver	107-1	0.05	0.05	0.05	0.05	4.04	ppb
Silver	109-1	0.05	0.05	0.05	0.05	1.85	ppb
Sodium	23-2	127.59	126.33	121.00	124.97	2.80	ppb
Strontium	86-1	1913.47	1985.88	1980.67	1960.00	2.06	ppb
Strontium	88-1	1948.70	2029.27	2011.05	1996.34	2.12	ppb
Sulfur	34-1	-1274.32	-1122.56	-1110.84	-1169.24		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.15	0.16	0.15	0.15	4.28	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	3.18	ppb
Tin	118-1	1.63	1.81	1.70	1.71	5.45	ppb
Titanium	47-1	462.04	496.54	479.36	479.31	3.60	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-16	Instrumnet Name :	P7
Client Sample ID :	MYE5H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:55:49	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.65	0.64	0.63	2.54	ppb
Vanadium	51-2	113.17	112.22	108.91	111.44	2.01	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	149.05	147.16	143.77	146.66	1.82	ppb
Zirconium	90-1	8.95	9.33	9.41	9.23	2.66	ppb
Zirconium	91-1	8.97	9.40	9.45	9.28	2.83	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-17	Instrumnet Name :	P7
Client Sample ID :	MYE5H8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:58:54	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23355.53	23444.56	23623.36	23474.48	0.58	ppb
Antimony	121-1	1.58	1.64	1.64	1.62	2.14	ppb
Arsenic	75-2	74.99	74.72	74.69	74.80	0.22	ppb
Barium	135-1	380.12	385.74	392.39	386.08	1.59	ppb
Barium	137-1	370.38	381.24	383.34	378.32	1.84	ppb
Beryllium	9-1	0.85	0.79	0.89	0.84	6.33	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.12	0.89	1.05	13.23	ppb
Cadmium	106-1	0.07	-0.30	0.19	-0.01		ppb
Cadmium	111-1	0.41	0.40	0.45	0.42	6.54	ppb
Calcium	43-1	26854.32	27293.23	27495.92	27214.49	1.21	ppb
Calcium	44-1	26589.77	27276.68	27507.92	27124.79	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68.57	68.95	68.97	68.83	0.33	ppb
Cobalt	59-2	38.54	38.49	38.19	38.41	0.49	ppb
Copper	63-2	108.59	109.36	108.57	108.84	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	63862.14	63445.57	62922.71	63410.14	0.74	ppb
Iron	57-2	62473.80	62939.99	62466.11	62626.63	0.43	ppb
Iron	54-2	62220.25	63081.33	62071.61	62457.73	0.87	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-17	Instrumnet Name :	P7
Client Sample ID :	MYE5H8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:58:54	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.02	24.08	24.26	23.79	2.82	ppb
Lead	207-1	21.87	22.53	22.97	22.46	2.46	ppb
Lead	208-1	22.22	23.08	23.19	22.83	2.31	ppb
Lithium	6-1				78		%
Magnesium	24-2	14915.06	14656.60	14916.75	14829.47	1.01	ppb
Manganese	55-2	2034.11	2026.49	2018.83	2026.48	0.38	ppb
Molybdenum	94-1	13.07	13.83	13.85	13.59	3.27	ppb
Molybdenum	95-1	0.68	0.69	0.70	0.69	1.25	ppb
Molybdenum	96-1	2.42	2.43	2.45	2.43	0.68	ppb
Molybdenum	97-1	0.67	0.69	0.69	0.68	2.06	ppb
Molybdenum	98-1	0.66	0.65	0.67	0.66	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.59	73.64	74.22	73.82	0.47	ppb
Phosphorus	31-2	1497.35	1513.05	1480.90	1497.10	1.07	ppb
Potassium	39-2	4754.98	4713.74	4717.71	4728.81	0.48	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	0.79	0.50	0.50	0.60	27.73	ppb
Selenium	77-2	13.47	13.82	11.98	13.09	7.46	ppb
Selenium	78-2	2.74	2.37	2.99	2.70	11.45	ppb
Silicon	28-1	2249.50	2316.87	2317.69	2294.69	1.71	ppb
Silver	107-1	0.09	0.08	0.10	0.09	8.27	ppb
Silver	109-1	0.09	0.09	0.09	0.09	3.63	ppb
Sodium	23-2	101.01	103.93	102.46	102.47	1.43	ppb
Strontium	86-1	1661.40	1697.41	1695.90	1684.90	1.21	ppb
Strontium	88-1	1679.81	1707.03	1714.77	1700.54	1.08	ppb
Sulfur	34-1	-995.58	-1019.73	-1014.19	-1009.83		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.15	0.16	0.17	0.16	4.39	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	0.72	ppb
Tin	118-1	1.86	1.91	1.93	1.90	1.96	ppb
Titanium	47-1	482.39	502.30	505.59	496.76	2.53	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-17	Instrumnet Name :	P7
Client Sample ID :	MYE5H8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:58:54	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.60	0.60	0.59	2.27	ppb
Vanadium	51-2	99.50	100.58	99.41	99.83	0.65	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	239.70	241.45	241.25	240.80	0.40	ppb
Zirconium	90-1	7.32	7.48	7.52	7.44	1.42	ppb
Zirconium	91-1	7.19	7.57	7.53	7.43	2.79	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-18	Instrumnet Name :	P7
Client Sample ID :	MYE5H9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:01:57	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24633.53	24006.51	24943.60	24527.88	1.95	ppb
Antimony	121-1	1.56	1.57	1.65	1.60	3.11	ppb
Arsenic	75-2	84.97	85.72	85.59	85.42	0.47	ppb
Barium	135-1	414.61	432.49	440.16	429.08	3.06	ppb
Barium	137-1	416.93	424.49	438.35	426.59	2.55	ppb
Beryllium	9-1	0.85	0.82	0.89	0.85	4.24	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.68	0.91	1.00	0.87	19.12	ppb
Cadmium	106-1	0.25	-0.38	0.21	0.03	1237.06	ppb
Cadmium	111-1	0.21	0.17	0.21	0.20	10.90	ppb
Calcium	43-1	28921.51	29233.57	28501.44	28885.50	1.27	ppb
Calcium	44-1	28488.90	28695.49	29054.89	28746.43	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.07	72.96	73.44	73.16	0.34	ppb
Cobalt	59-2	36.07	36.19	36.23	36.17	0.23	ppb
Copper	63-2	95.14	94.65	96.05	95.28	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	66509.27	65295.71	66404.97	66069.99	1.02	ppb
Iron	57-2	65807.39	64954.19	66414.55	65725.37	1.12	ppb
Iron	54-2	66119.83	65154.07	65827.61	65700.50	0.75	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-18	Instrumnet Name :	P7
Client Sample ID :	MYE5H9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:01:57	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.32	17.73	18.05	17.70	2.06	ppb
Lead	207-1	16.24	16.63	17.00	16.62	2.28	ppb
Lead	208-1	16.52	16.96	17.30	16.93	2.31	ppb
Lithium	6-1				79		%
Magnesium	24-2	16567.91	16097.90	16564.48	16410.10	1.65	ppb
Manganese	55-2	1706.40	1693.25	1708.88	1702.84	0.49	ppb
Molybdenum	94-1	17.35	17.77	17.88	17.66	1.59	ppb
Molybdenum	95-1	0.59	0.59	0.62	0.60	2.08	ppb
Molybdenum	96-1	2.74	2.78	2.81	2.77	1.35	ppb
Molybdenum	97-1	0.60	0.61	0.62	0.61	1.46	ppb
Molybdenum	98-1	0.58	0.59	0.61	0.59	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.25	81.97	83.31	82.51	0.86	ppb
Phosphorus	31-2	1663.33	1646.94	1675.55	1661.94	0.86	ppb
Potassium	39-2	3646.60	3611.63	3588.03	3615.42	0.81	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.63	0.45	0.54	0.54	16.42	ppb
Selenium	77-2	11.07	13.83	15.34	13.41	16.16	ppb
Selenium	78-2	3.36	3.45	2.93	3.25	8.58	ppb
Silicon	28-1	1716.19	1705.44	1747.96	1723.20	1.28	ppb
Silver	107-1	0.05	0.05	0.05	0.05	1.23	ppb
Silver	109-1	0.05	0.05	0.05	0.05	7.06	ppb
Sodium	23-2	126.55	123.36	125.53	125.14	1.30	ppb
Strontium	86-1	1667.91	1711.55	1719.59	1699.68	1.64	ppb
Strontium	88-1	1715.71	1741.18	1731.10	1729.33	0.74	ppb
Sulfur	34-1	-1085.27	-1122.72	-1134.52	-1114.17		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.20	0.20	0.21	0.20	1.72	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	1.17	ppb
Tin	118-1	1.71	1.76	1.81	1.76	2.71	ppb
Titanium	47-1	526.02	534.41	536.85	532.43	1.07	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-18	Instrumnet Name :	P7
Client Sample ID :	MYE5H9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:01:57	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.64	0.63	0.62	2.71	ppb
Vanadium	51-2	110.61	109.70	111.37	110.56	0.76	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	136.97	135.02	137.31	136.43	0.91	ppb
Zirconium	90-1	9.54	9.77	9.85	9.72	1.63	ppb
Zirconium	91-1	9.62	9.76	9.95	9.78	1.69	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-19	Instrumnet Name :	P7
Client Sample ID :	MYE5J0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:05:02	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24241.75	24770.36	24416.74	24476.28	1.10	ppb
Antimony	121-1	1.78	1.82	1.82	1.81	1.32	ppb
Arsenic	75-2	155.98	156.34	156.99	156.44	0.33	ppb
Barium	135-1	331.91	334.57	337.84	334.77	0.89	ppb
Barium	137-1	327.06	330.06	339.69	332.27	1.99	ppb
Beryllium	9-1	0.71	0.84	0.74	0.76	9.18	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.96	1.02	1.12	1.03	7.73	ppb
Cadmium	106-1	0.31	-0.49	-0.62	-0.26		ppb
Cadmium	111-1	0.26	0.18	0.20	0.21	19.17	ppb
Calcium	43-1	12977.28	13468.14	13418.43	13287.95	2.03	ppb
Calcium	44-1	12695.71	12892.19	13049.05	12878.98	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.56	36.09	35.51	35.72	0.89	ppb
Cobalt	59-2	25.52	25.94	25.49	25.65	0.98	ppb
Copper	63-2	105.58	107.93	106.17	106.56	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	51036.17	52160.74	51889.45	51695.45	1.14	ppb
Iron	57-2	50994.50	51025.20	50587.58	50869.09	0.48	ppb
Iron	54-2	50290.14	51505.41	50321.77	50705.77	1.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-19	Instrumnet Name :	P7
Client Sample ID :	MYE5J0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:05:02	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.28	16.93	16.79	16.66	2.05	ppb
Lead	207-1	15.04	15.60	15.62	15.42	2.14	ppb
Lead	208-1	15.45	16.01	15.96	15.81	1.97	ppb
Lithium	6-1				82		%
Magnesium	24-2	14302.39	14503.63	14125.20	14310.41	1.32	ppb
Manganese	55-2	1356.29	1367.99	1367.50	1363.93	0.49	ppb
Molybdenum	94-1	14.51	15.32	15.24	15.02	2.95	ppb
Molybdenum	95-1	0.92	0.98	0.95	0.95	3.25	ppb
Molybdenum	96-1	2.61	2.73	2.74	2.70	2.73	ppb
Molybdenum	97-1	0.91	0.96	0.95	0.94	2.78	ppb
Molybdenum	98-1	0.89	0.94	0.93	0.92	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.94	28.79	28.04	28.26	1.66	ppb
Phosphorus	31-2	1701.84	1737.71	1697.75	1712.43	1.28	ppb
Potassium	39-2	6101.37	6235.05	6117.79	6151.40	1.19	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.70	0.80	0.70	0.73	7.86	ppb
Selenium	77-2	10.79	12.16	8.13	10.36	19.79	ppb
Selenium	78-2	2.71	1.99	1.95	2.22	19.32	ppb
Silicon	28-1	1790.40	1841.60	1827.28	1819.76	1.45	ppb
Silver	107-1	0.07	0.06	0.07	0.07	5.43	ppb
Silver	109-1	0.07	0.07	0.07	0.07	3.11	ppb
Sodium	23-2	133.04	132.33	132.68	132.68	0.27	ppb
Strontium	86-1	2086.78	2205.03	2180.53	2157.45	2.89	ppb
Strontium	88-1	2128.73	2214.83	2223.16	2188.91	2.39	ppb
Sulfur	34-1	-706.88	-798.87	-942.40	-816.05		ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	0.30	0.29	0.29	0.29	1.72	ppb
Thallium	205-1	0.28	0.29	0.30	0.29	2.13	ppb
Tin	118-1	1.87	1.87	1.94	1.89	2.03	ppb
Titanium	47-1	311.12	325.67	322.02	319.60	2.37	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-19	Instrumnet Name :	P7
Client Sample ID :	MYE5J0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:05:02	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.74	0.74	0.72	3.22	ppb
Vanadium	51-2	89.10	90.93	88.87	89.63	1.26	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	177.81	180.21	178.21	178.75	0.72	ppb
Zirconium	90-1	7.86	8.19	8.34	8.13	3.00	ppb
Zirconium	91-1	7.92	8.49	8.24	8.22	3.48	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-20	Instrumnet Name :	P7
Client Sample ID :	MYE5J1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:08:07	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26217.21	26586.17	25819.88	26207.75	1.46	ppb
Antimony	121-1	2.07	2.05	2.07	2.06	0.63	ppb
Arsenic	75-2	75.93	73.99	74.46	74.80	1.36	ppb
Barium	135-1	371.24	366.66	361.76	366.56	1.29	ppb
Barium	137-1	374.49	368.78	366.00	369.76	1.17	ppb
Beryllium	9-1	0.84	0.93	0.93	0.90	5.75	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.22	1.31	1.28	1.27	3.74	ppb
Cadmium	106-1	-0.06	0.15	-0.64	-0.18		ppb
Cadmium	111-1	0.69	0.71	0.67	0.69	2.56	ppb
Calcium	43-1	13600.61	13643.30	13567.55	13603.82	0.28	ppb
Calcium	44-1	13511.81	13446.86	13246.56	13401.74	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.31	79.60	78.44	78.78	0.90	ppb
Cobalt	59-2	37.92	38.55	37.94	38.14	0.94	ppb
Copper	63-2	167.58	171.71	167.31	168.87	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	68665.90	69996.23	67274.58	68645.57	1.98	ppb
Iron	57-2	67888.53	69229.98	66887.53	68002.01	1.73	ppb
Iron	54-2	67545.21	68418.42	66685.32	67549.65	1.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-20	Instrumnet Name :	P7
Client Sample ID :	MYE5J1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:08:07	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.24	33.91	33.73	33.96	0.76	ppb
Lead	207-1	33.14	32.91	32.75	32.93	0.59	ppb
Lead	208-1	33.39	33.12	33.03	33.18	0.56	ppb
Lithium	6-1				79		%
Magnesium	24-2	15680.53	15886.69	15557.37	15708.20	1.06	ppb
Manganese	55-2	2278.97	2306.91	2229.93	2271.94	1.72	ppb
Molybdenum	94-1	9.51	9.41	9.54	9.49	0.68	ppb
Molybdenum	95-1	1.03	1.04	1.02	1.03	1.02	ppb
Molybdenum	96-1	2.25	2.27	2.32	2.28	1.69	ppb
Molybdenum	97-1	1.02	1.04	1.03	1.03	1.24	ppb
Molybdenum	98-1	1.01	1.01	1.02	1.02	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.50	69.05	67.70	68.42	1.00	ppb
Phosphorus	31-2	1593.63	1643.45	1597.27	1611.45	1.72	ppb
Potassium	39-2	6659.62	6634.95	6706.44	6667.00	0.54	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	1.13	0.97	0.72	0.94	21.91	ppb
Selenium	77-2	14.61	11.77	11.96	12.78	12.41	ppb
Selenium	78-2	2.35	2.68	3.46	2.83	20.09	ppb
Silicon	28-1	2001.01	1962.39	1980.43	1981.28	0.98	ppb
Silver	107-1	0.25	0.24	0.25	0.25	1.54	ppb
Silver	109-1	0.27	0.26	0.26	0.26	2.05	ppb
Sodium	23-2	117.16	121.49	116.29	118.31	2.36	ppb
Strontium	86-1	1782.71	1770.17	1770.78	1774.55	0.40	ppb
Strontium	88-1	1806.68	1788.83	1802.63	1799.38	0.52	ppb
Sulfur	34-1	-1169.02	-1247.78	-1285.65	-1234.15		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.18	0.18	0.19	0.19	2.89	ppb
Thallium	205-1	0.19	0.18	0.18	0.19	3.47	ppb
Tin	118-1	1.90	1.87	1.83	1.87	1.77	ppb
Titanium	47-1	502.18	498.55	490.27	497.00	1.23	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-20	Instrumnet Name :	P7
Client Sample ID :	MYE5J1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:08:07	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.72	0.70	0.71	0.80	ppb
Vanadium	51-2	96.28	97.98	95.79	96.68	1.19	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	227.07	233.29	226.06	228.81	1.71	ppb
Zirconium	90-1	4.90	4.84	4.88	4.87	0.65	ppb
Zirconium	91-1	4.87	4.87	4.90	4.88	0.39	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:11:12	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10766.56	10826.42	10794.43	10795.80	0.28	ppb
Antimony	121-1	0.54	0.57	0.53	0.55	3.51	ppb
Arsenic	75-2	43.13	42.58	42.54	42.75	0.76	ppb
Barium	135-1	157.53	162.25	160.99	160.26	1.53	ppb
Barium	137-1	158.36	161.75	164.31	161.47	1.85	ppb
Beryllium	9-1	0.30	0.32	0.38	0.33	12.48	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.51	0.53	0.49	10.43	ppb
Cadmium	106-1	-0.85	-1.09	-1.38	-1.10		ppb
Cadmium	111-1	0.21	0.20	0.19	0.20	4.65	ppb
Calcium	43-1	3229.19	3282.34	3285.93	3265.82	0.97	ppb
Calcium	44-1	3119.24	3210.68	3220.17	3183.36	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.46	33.69	33.23	33.46	0.69	ppb
Cobalt	59-2	18.88	19.07	18.80	18.92	0.75	ppb
Copper	63-2	53.47	54.55	53.81	53.94	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	35096.80	34751.03	35303.83	35050.56	0.80	ppb
Iron	57-2	34299.56	34818.33	34317.83	34478.57	0.85	ppb
Iron	54-2	34287.06	34740.80	34213.89	34413.92	0.83	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:11:12	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.17	14.38	14.36	14.30	0.80	ppb
Lead	207-1	13.74	14.18	13.93	13.95	1.57	ppb
Lead	208-1	13.80	14.19	14.07	14.02	1.40	ppb
Lithium	6-1				85		%
Magnesium	24-2	6507.07	6688.08	6569.51	6588.22	1.40	ppb
Manganese	55-2	1486.37	1513.60	1515.19	1505.05	1.08	ppb
Molybdenum	94-1	5.35	5.54	5.66	5.52	2.88	ppb
Molybdenum	95-1	0.39	0.39	0.41	0.39	2.82	ppb
Molybdenum	96-1	1.08	1.16	1.17	1.13	4.41	ppb
Molybdenum	97-1	0.41	0.38	0.40	0.40	3.54	ppb
Molybdenum	98-1	0.38	0.38	0.39	0.39	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.13	32.39	32.52	32.35	0.61	ppb
Phosphorus	31-2	546.10	550.62	561.51	552.74	1.43	ppb
Potassium	39-2	2477.52	2477.19	2443.65	2466.12	0.79	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.31	0.58	0.90	0.59	49.40	ppb
Selenium	77-2	4.16	3.61	4.39	4.05	9.88	ppb
Selenium	78-2	1.45	0.59	1.50	1.18	43.58	ppb
Silicon	28-1	431.13	441.52	433.51	435.39	1.25	ppb
Silver	107-1	0.08	0.09	0.08	0.08	3.12	ppb
Silver	109-1	0.08	0.08	0.09	0.08	8.80	ppb
Sodium	23-2	35.32	34.48	34.04	34.61	1.88	ppb
Strontium	86-1	448.23	470.49	469.29	462.67	2.71	ppb
Strontium	88-1	455.62	468.24	470.27	464.71	1.71	ppb
Sulfur	34-1	-1517.31	-1522.90	-1535.25	-1525.15		ppb
Terbium	159-1				116		%
Terbium	159-2				111		%
Thallium	203-1	0.10	0.09	0.09	0.09	2.47	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	0.50	ppb
Tin	118-1	0.54	0.54	0.55	0.54	1.05	ppb
Titanium	47-1	219.99	226.29	225.29	223.86	1.51	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:11:12	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.21	0.21	2.74	ppb
Vanadium	51-2	68.10	68.55	68.04	68.23	0.41	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	67.59	68.18	68.16	67.98	0.49	ppb
Zirconium	90-1	2.86	2.95	2.98	2.93	2.26	ppb
Zirconium	91-1	2.83	3.00	3.02	2.95	3.52	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:14:19	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10663.92	10848.05	10942.75	10818.24	1.31	ppb
Antimony	121-1	0.48	0.53	0.50	0.50	5.03	ppb
Arsenic	75-2	42.09	41.67	41.99	41.92	0.52	ppb
Barium	135-1	149.61	152.97	152.83	151.80	1.25	ppb
Barium	137-1	147.29	153.73	153.42	151.48	2.40	ppb
Beryllium	9-1	0.31	0.34	0.34	0.33	5.67	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.40	0.49	0.47	0.45	10.26	ppb
Cadmium	106-1	-0.99	-0.27	-0.95	-0.74		ppb
Cadmium	111-1	0.23	0.29	0.23	0.25	13.56	ppb
Calcium	43-1	3228.91	3281.19	3320.62	3276.90	1.40	ppb
Calcium	44-1	3200.10	3235.92	3210.12	3215.38	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.02	33.01	33.18	33.07	0.29	ppb
Cobalt	59-2	18.65	18.41	18.38	18.48	0.79	ppb
Copper	63-2	53.75	53.55	53.65	53.65	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	33924.35	34114.58	33939.23	33992.72	0.31	ppb
Iron	57-2	33706.96	33205.76	33304.49	33405.74	0.79	ppb
Iron	54-2	33454.38	33362.67	33620.07	33479.04	0.39	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:14:19	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.22	14.30	14.47	14.33	0.88	ppb
Lead	207-1	13.92	14.00	14.01	13.98	0.34	ppb
Lead	208-1	13.94	14.07	14.16	14.06	0.77	ppb
Lithium	6-1				86		%
Magnesium	24-2	6507.61	6704.43	6646.45	6619.50	1.53	ppb
Manganese	55-2	1435.07	1444.56	1450.20	1443.28	0.53	ppb
Molybdenum	94-1	5.15	5.46	5.30	5.30	2.97	ppb
Molybdenum	95-1	0.38	0.38	0.39	0.38	1.76	ppb
Molybdenum	96-1	1.08	1.09	1.10	1.09	0.63	ppb
Molybdenum	97-1	0.36	0.37	0.37	0.37	1.99	ppb
Molybdenum	98-1	0.37	0.38	0.37	0.37	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.80	31.51	31.64	31.65	0.45	ppb
Phosphorus	31-2	555.12	552.08	550.76	552.65	0.40	ppb
Potassium	39-2	2492.99	2465.94	2466.25	2475.06	0.63	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	-0.08	0.65	-0.02	0.18	226.16	ppb
Selenium	77-2	4.18	4.75	3.91	4.28	10.07	ppb
Selenium	78-2	0.94	0.83	1.13	0.97	15.34	ppb
Silicon	28-1	424.31	439.49	438.73	434.18	1.97	ppb
Silver	107-1	0.08	0.09	0.08	0.08	4.44	ppb
Silver	109-1	0.08	0.08	0.09	0.08	3.32	ppb
Sodium	23-2	30.06	29.76	31.02	30.28	2.17	ppb
Strontium	86-1	445.81	457.42	456.85	453.36	1.44	ppb
Strontium	88-1	448.08	461.14	457.36	455.53	1.48	ppb
Sulfur	34-1	-1414.92	-1443.58	-1451.98	-1436.83		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.09	0.10	0.09	0.09	4.88	ppb
Thallium	205-1	0.09	0.10	0.09	0.09	3.89	ppb
Tin	118-1	0.52	0.54	0.54	0.54	2.47	ppb
Titanium	47-1	211.96	216.82	218.36	215.71	1.55	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:14:19	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.21	0.20	2.22	ppb
Vanadium	51-2	66.57	66.48	66.46	66.50	0.09	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	68.02	67.00	66.88	67.30	0.93	ppb
Zirconium	90-1	2.84	2.88	2.88	2.87	0.96	ppb
Zirconium	91-1	2.83	2.91	2.85	2.86	1.40	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:17:29	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2137.55	2138.78	2125.93	2134.09	0.33	ppb
Antimony	121-1	0.11	0.10	0.11	0.11	4.98	ppb
Arsenic	75-2	8.50	8.37	8.50	8.46	0.87	ppb
Barium	135-1	31.58	31.48	31.46	31.51	0.21	ppb
Barium	137-1	31.48	31.46	31.66	31.54	0.36	ppb
Beryllium	9-1	0.07	0.08	0.07	0.07	12.34	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.08	0.10	0.08	14.29	ppb
Cadmium	106-1	-0.87	-1.14	-1.45	-1.15		ppb
Cadmium	111-1	-0.01	-0.03	-0.06	-0.03		ppb
Calcium	43-1	655.03	651.10	653.88	653.34	0.31	ppb
Calcium	44-1	659.60	643.05	646.31	649.65	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.64	6.65	6.59	6.63	0.48	ppb
Cobalt	59-2	3.76	3.78	3.70	3.75	1.17	ppb
Copper	63-2	10.71	10.74	10.56	10.67	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	6834.10	6846.80	6900.01	6860.31	0.51	ppb
Iron	57-2	6747.34	6786.41	6684.64	6739.46	0.76	ppb
Iron	54-2	6772.20	6763.32	6783.30	6772.94	0.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:17:29	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.84	2.76	2.77	2.79	1.52	ppb
Lead	207-1	2.72	2.75	2.72	2.73	0.63	ppb
Lead	208-1	2.79	2.74	2.72	2.75	1.30	ppb
Lithium	6-1				85		%
Magnesium	24-2	1232.53	1254.00	1248.80	1245.11	0.90	ppb
Manganese	55-2	297.09	296.24	301.96	298.43	1.03	ppb
Molybdenum	94-1	1.19	1.10	1.10	1.13	4.63	ppb
Molybdenum	95-1	0.08	0.07	0.07	0.08	4.47	ppb
Molybdenum	96-1	0.23	0.21	0.23	0.22	3.77	ppb
Molybdenum	97-1	0.06	0.08	0.06	0.07	10.97	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.08	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.35	6.44	6.37	6.39	0.74	ppb
Phosphorus	31-2	96.20	86.89	85.04	89.38	6.69	ppb
Potassium	39-2	501.18	504.50	500.17	501.95	0.45	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.37	0.23	0.04	0.22	75.95	ppb
Selenium	77-2	0.75	1.60	1.33	1.22	35.33	ppb
Selenium	78-2	0.23	0.35	0.04	0.21	75.07	ppb
Silicon	28-1	80.55	79.83	79.99	80.12	0.47	ppb
Silver	107-1	0.02	0.02	0.01	0.02	10.81	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.33	ppb
Sodium	23-2	7.36	5.75	7.16	6.76	12.99	ppb
Strontium	86-1	90.15	89.77	90.66	90.19	0.50	ppb
Strontium	88-1	91.98	90.87	92.38	91.74	0.86	ppb
Sulfur	34-1	-1394.90	-1455.56	-1443.15	-1431.20		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.02	0.02	0.03	3.27	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	9.44	ppb
Tin	118-1	0.10	0.10	0.10	0.10	0.18	ppb
Titanium	47-1	44.70	43.81	43.89	44.13	1.13	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:17:29	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	3.70	ppb
Vanadium	51-2	13.42	13.28	13.33	13.34	0.54	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	15.04	14.83	14.83	14.90	0.83	ppb
Zirconium	90-1	0.59	0.58	0.58	0.58	0.71	ppb
Zirconium	91-1	0.57	0.56	0.60	0.57	3.57	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:20:39	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11135.00	10863.12	10724.06	10907.39	1.92	ppb
Antimony	121-1	19.18	18.92	19.29	19.13	1.00	ppb
Arsenic	75-2	49.56	49.08	48.72	49.12	0.85	ppb
Barium	135-1	498.57	503.46	512.56	504.86	1.41	ppb
Barium	137-1	492.07	498.91	518.55	503.18	2.73	ppb
Beryllium	9-1	8.94	8.76	8.71	8.80	1.38	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.58	8.83	8.84	8.75	1.67	ppb
Cadmium	106-1	7.02	7.34	6.80	7.05	3.86	ppb
Cadmium	111-1	9.42	9.60	9.47	9.50	0.96	ppb
Calcium	43-1	3262.01	3284.68	3264.02	3270.24	0.38	ppb
Calcium	44-1	3182.65	3202.53	3215.76	3200.31	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.61	67.70	67.56	67.62	0.10	ppb
Cobalt	59-2	107.70	105.82	107.97	107.16	1.10	ppb
Copper	63-2	94.47	93.93	93.60	94.00	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	34812.82	34689.27	34701.56	34734.55	0.20	ppb
Iron	57-2	33308.15	33997.80	34211.95	33839.30	1.40	ppb
Iron	54-2	34511.61	34118.16	34547.57	34392.45	0.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:20:39	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.42	18.27	18.38	18.35	0.42	ppb
Lead	207-1	17.89	17.64	17.59	17.71	0.91	ppb
Lead	208-1	18.13	17.76	17.87	17.92	1.07	ppb
Lithium	6-1				84		%
Magnesium	24-2	6518.80	6450.08	6485.37	6484.75	0.53	ppb
Manganese	55-2	1565.88	1560.91	1565.15	1563.98	0.17	ppb
Molybdenum	94-1	5.37	5.41	5.40	5.39	0.32	ppb
Molybdenum	95-1	0.40	0.39	0.39	0.40	0.87	ppb
Molybdenum	96-1	1.12	1.10	1.11	1.11	0.99	ppb
Molybdenum	97-1	0.39	0.41	0.38	0.39	4.43	ppb
Molybdenum	98-1	0.39	0.38	0.39	0.38	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.18	118.41	119.44	119.01	0.45	ppb
Phosphorus	31-2	557.90	548.76	557.51	554.72	0.93	ppb
Potassium	39-2	2489.44	2478.46	2465.49	2477.79	0.48	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	19.95	20.10	20.61	20.22	1.72	ppb
Selenium	77-2	22.45	22.23	22.55	22.41	0.73	ppb
Selenium	78-2	20.87	21.34	20.44	20.88	2.14	ppb
Silicon	28-1	442.67	428.40	437.44	436.17	1.66	ppb
Silver	107-1	7.28	7.28	7.45	7.34	1.36	ppb
Silver	109-1	7.35	7.36	7.56	7.42	1.58	ppb
Sodium	23-2	28.06	25.64	25.31	26.34	5.70	ppb
Strontium	86-1	464.04	465.17	464.18	464.46	0.13	ppb
Strontium	88-1	466.19	465.27	468.86	466.77	0.40	ppb
Sulfur	34-1	-1348.85	-1400.89	-1450.70	-1400.15		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	9.14	8.94	9.14	9.07	1.27	ppb
Thallium	205-1	9.10	8.91	9.05	9.02	1.08	ppb
Tin	118-1	0.58	0.54	0.56	0.56	3.62	ppb
Titanium	47-1	224.30	225.04	222.30	223.88	0.63	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:20:39	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.20	0.21	1.54	ppb
Vanadium	51-2	153.18	153.15	154.52	153.61	0.51	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	153.12	152.52	153.03	152.89	0.21	ppb
Zirconium	90-1	2.90	2.95	2.90	2.91	0.99	ppb
Zirconium	91-1	2.86	2.94	2.95	2.92	1.74	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:23:47	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12012.19	12119.70	12012.20	12048.03	0.52	ppb
Antimony	121-1	72.75	75.70	75.13	74.53	2.10	ppb
Arsenic	75-2	70.33	70.87	71.35	70.85	0.72	ppb
Barium	135-1	1585.56	1640.14	1642.51	1622.73	1.99	ppb
Barium	137-1	1580.20	1617.45	1620.45	1606.03	1.40	ppb
Beryllium	9-1	34.63	36.81	35.91	35.78	3.07	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.34	34.50	33.69	33.84	1.75	ppb
Cadmium	106-1	31.05	32.21	31.50	31.59	1.86	ppb
Cadmium	111-1	36.77	37.91	38.34	37.67	2.15	ppb
Calcium	43-1	3151.42	3256.14	3258.42	3221.99	1.90	ppb
Calcium	44-1	3057.87	3161.94	3160.28	3126.70	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184.66	185.60	188.97	186.41	1.22	ppb
Cobalt	59-2	404.30	405.52	402.96	404.26	0.32	ppb
Copper	63-2	239.66	236.80	238.50	238.32	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	35231.15	35247.48	35395.46	35291.37	0.26	ppb
Iron	57-2	35019.67	34771.99	35369.36	35053.67	0.86	ppb
Iron	54-2	34812.25	35204.52	35041.06	35019.28	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:23:47	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.16	29.30	29.44	28.97	2.42	ppb
Lead	207-1	27.81	28.57	28.60	28.32	1.58	ppb
Lead	208-1	27.85	28.82	29.03	28.56	2.21	ppb
Lithium	6-1				83		%
Magnesium	24-2	6492.07	6581.11	6508.00	6527.06	0.73	ppb
Manganese	55-2	1829.61	1838.28	1858.83	1842.24	0.81	ppb
Molybdenum	94-1	5.33	5.47	5.39	5.40	1.24	ppb
Molybdenum	95-1	0.41	0.39	0.40	0.40	2.39	ppb
Molybdenum	96-1	1.10	1.14	1.13	1.12	2.00	ppb
Molybdenum	97-1	0.38	0.38	0.39	0.38	0.73	ppb
Molybdenum	98-1	0.37	0.38	0.38	0.38	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	420.96	422.30	431.92	425.06	1.41	ppb
Phosphorus	31-2	555.67	546.29	540.65	547.53	1.39	ppb
Potassium	39-2	2454.67	2475.45	2514.48	2481.53	1.22	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	78.94	80.09	81.09	80.04	1.34	ppb
Selenium	77-2	79.14	80.25	79.10	79.50	0.82	ppb
Selenium	78-2	80.34	80.31	80.30	80.32	0.02	ppb
Silicon	28-1	417.80	423.83	431.69	424.44	1.64	ppb
Silver	107-1	29.15	30.28	30.10	29.85	2.04	ppb
Silver	109-1	29.64	30.50	30.54	30.22	1.67	ppb
Sodium	23-2	26.36	25.85	26.05	26.08	0.98	ppb
Strontium	86-1	450.74	463.98	459.02	457.91	1.46	ppb
Strontium	88-1	448.92	461.48	462.92	457.77	1.68	ppb
Sulfur	34-1	-1363.79	-1376.88	-1394.92	-1378.53		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	35.55	36.92	37.12	36.53	2.34	ppb
Thallium	205-1	35.59	36.35	36.38	36.11	1.23	ppb
Tin	118-1	0.53	0.59	0.56	0.56	4.72	ppb
Titanium	47-1	214.58	220.09	222.34	219.00	1.82	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:23:47	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.20	0.20	2.43	ppb
Vanadium	51-2	432.46	441.95	437.44	437.28	1.08	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	436.59	437.42	437.73	437.25	0.14	ppb
Zirconium	90-1	2.82	2.91	2.92	2.88	1.94	ppb
Zirconium	91-1	2.82	2.93	2.88	2.88	1.91	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9380.52	9467.27	9399.03	9415.61	0.49	ppb
Antimony	121-1	0.59	0.60	0.62	0.60	2.29	ppb
Arsenic	75-2	32.60	31.56	32.32	32.16	1.67	ppb
Barium	135-1	123.09	126.98	127.15	125.74	1.83	ppb
Barium	137-1	121.76	126.37	126.45	124.86	2.15	ppb
Beryllium	9-1	0.32	0.33	0.39	0.35	11.27	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.64	0.57	0.47	0.56	14.73	ppb
Cadmium	106-1	-0.32	-0.67	-0.22	-0.40		ppb
Cadmium	111-1	0.35	0.34	0.35	0.35	1.19	ppb
Calcium	43-1	2489.78	2577.77	2518.86	2528.80	1.77	ppb
Calcium	44-1	2442.66	2487.47	2465.79	2465.31	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.73	29.91	29.91	29.85	0.36	ppb
Cobalt	59-2	16.97	16.87	16.82	16.89	0.45	ppb
Copper	63-2	65.42	65.26	64.62	65.10	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	42982.37	42694.18	42482.32	42719.62	0.59	ppb
Iron	57-2	41805.83	41821.76	41451.61	41693.07	0.50	ppb
Iron	54-2	42297.38	41820.31	41606.98	41908.22	0.84	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.35	21.85	21.97	21.72	1.52	ppb
Lead	207-1	21.13	21.68	21.85	21.55	1.74	ppb
Lead	208-1	21.20	21.63	21.77	21.53	1.39	ppb
Lithium	6-1				87		%
Magnesium	24-2	4960.90	4975.36	4901.83	4946.03	0.79	ppb
Manganese	55-2	1479.45	1508.04	1493.45	1493.65	0.96	ppb
Molybdenum	94-1	4.17	4.23	4.27	4.23	1.29	ppb
Molybdenum	95-1	0.47	0.49	0.47	0.48	2.64	ppb
Molybdenum	96-1	1.09	1.11	1.12	1.11	1.57	ppb
Molybdenum	97-1	0.50	0.46	0.46	0.48	5.06	ppb
Molybdenum	98-1	0.45	0.47	0.48	0.47	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.37	23.61	23.45	23.48	0.52	ppb
Phosphorus	31-2	392.63	409.91	397.03	399.86	2.25	ppb
Potassium	39-2	2127.55	2092.13	2126.22	2115.30	0.95	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.73	0.95	0.86	0.85	13.36	ppb
Selenium	77-2	2.42	3.53	2.80	2.92	19.28	ppb
Selenium	78-2	0.51	0.80	0.73	0.68	22.33	ppb
Silicon	28-1	388.37	397.07	395.58	393.67	1.18	ppb
Silver	107-1	0.13	0.12	0.12	0.12	5.65	ppb
Silver	109-1	0.13	0.12	0.11	0.12	7.00	ppb
Sodium	23-2	46.43	46.98	47.70	47.04	1.36	ppb
Strontium	86-1	451.61	466.51	467.03	461.72	1.90	ppb
Strontium	88-1	460.00	465.35	463.10	462.82	0.58	ppb
Sulfur	34-1	-1277.51	-1267.78	-1273.81	-1273.03		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.11	0.10	0.10	0.10	5.54	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	1.34	ppb
Tin	118-1	0.57	0.62	0.58	0.59	4.83	ppb
Titanium	47-1	257.83	263.71	266.20	262.58	1.64	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.29	0.28	0.28	2.78	ppb
Vanadium	51-2	63.01	63.52	63.16	63.23	0.42	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	73.80	73.82	73.22	73.61	0.47	ppb
Zirconium	90-1	2.15	2.23	2.16	2.18	1.87	ppb
Zirconium	91-1	2.16	2.20	2.13	2.16	1.42	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:29:55	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9347.77	9413.77	9321.07	9360.87	0.51	ppb
Antimony	121-1	0.56	0.56	0.55	0.55	0.61	ppb
Arsenic	75-2	30.94	30.45	31.12	30.84	1.12	ppb
Barium	135-1	114.43	114.52	115.03	114.66	0.28	ppb
Barium	137-1	113.71	115.79	115.39	114.96	0.96	ppb
Beryllium	9-1	0.30	0.30	0.35	0.32	9.70	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.47	0.49	0.49	0.48	2.77	ppb
Cadmium	106-1	0.07	-0.38	-1.22	-0.51		ppb
Cadmium	111-1	0.34	0.32	0.25	0.30	16.47	ppb
Calcium	43-1	2386.60	2432.75	2424.13	2414.49	1.02	ppb
Calcium	44-1	2343.25	2368.66	2374.51	2362.14	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.11	29.03	29.11	29.08	0.15	ppb
Cobalt	59-2	16.48	16.54	16.54	16.52	0.21	ppb
Copper	63-2	62.01	61.73	61.95	61.90	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	42316.87	41841.81	41660.79	41939.83	0.81	ppb
Iron	57-2	41229.62	41156.49	41156.53	41180.88	0.10	ppb
Iron	54-2	41349.49	41510.95	41618.88	41493.11	0.33	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:29:55	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.21	20.40	20.49	20.37	0.70	ppb
Lead	207-1	19.77	20.14	20.36	20.09	1.46	ppb
Lead	208-1	19.83	20.18	20.28	20.10	1.18	ppb
Lithium	6-1				88		%
Magnesium	24-2	4988.16	4879.83	4911.83	4926.61	1.13	ppb
Manganese	55-2	1419.24	1411.28	1411.70	1414.07	0.32	ppb
Molybdenum	94-1	4.01	4.03	4.13	4.06	1.61	ppb
Molybdenum	95-1	0.46	0.44	0.44	0.45	1.79	ppb
Molybdenum	96-1	1.06	1.09	1.03	1.06	2.96	ppb
Molybdenum	97-1	0.46	0.43	0.44	0.44	3.32	ppb
Molybdenum	98-1	0.44	0.43	0.43	0.43	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.85	22.93	22.80	22.86	0.29	ppb
Phosphorus	31-2	393.83	395.22	407.76	398.94	1.92	ppb
Potassium	39-2	2065.22	2053.63	2039.81	2052.89	0.62	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.71	0.45	0.83	0.66	28.95	ppb
Selenium	77-2	3.96	4.06	3.24	3.75	11.98	ppb
Selenium	78-2	0.78	0.36	0.40	0.51	45.24	ppb
Silicon	28-1	379.05	389.39	393.40	387.28	1.91	ppb
Silver	107-1	0.11	0.10	0.11	0.10	2.21	ppb
Silver	109-1	0.10	0.10	0.11	0.10	1.32	ppb
Sodium	23-2	47.40	46.18	47.43	47.00	1.52	ppb
Strontium	86-1	442.19	438.99	447.94	443.04	1.02	ppb
Strontium	88-1	439.95	444.34	446.15	443.48	0.72	ppb
Sulfur	34-1	-1193.12	-1218.35	-1215.69	-1209.05		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.09	0.09	0.09	0.09	2.31	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	0.15	ppb
Tin	118-1	0.54	0.56	0.56	0.56	1.85	ppb
Titanium	47-1	253.47	259.01	260.30	257.59	1.41	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:29:55	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.28	0.27	0.27	1.79	ppb
Vanadium	51-2	62.85	62.48	62.94	62.76	0.39	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	71.29	72.08	72.81	72.06	1.05	ppb
Zirconium	90-1	2.08	2.11	2.11	2.10	0.81	ppb
Zirconium	91-1	2.13	2.15	2.15	2.14	0.63	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:33:03	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1865.18	1872.76	1870.72	1869.55	0.21	ppb
Antimony	121-1	0.11	0.12	0.12	0.12	4.99	ppb
Arsenic	75-2	6.37	6.39	6.22	6.33	1.51	ppb
Barium	135-1	24.62	24.60	24.47	24.56	0.34	ppb
Barium	137-1	24.30	24.72	24.42	24.48	0.88	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	5.35	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.12	0.16	0.12	30.77	ppb
Cadmium	106-1	-0.56	-1.08	-1.35	-0.99		ppb
Cadmium	111-1	0.02	0.00	-0.03	0.00		ppb
Calcium	43-1	510.28	516.21	516.97	514.48	0.71	ppb
Calcium	44-1	499.81	512.91	513.67	508.80	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.02	5.91	6.03	5.99	1.15	ppb
Cobalt	59-2	3.37	3.33	3.40	3.37	1.13	ppb
Copper	63-2	12.92	12.70	12.78	12.80	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	8429.30	8452.72	8409.19	8430.40	0.26	ppb
Iron	57-2	8306.32	8290.88	8318.38	8305.19	0.17	ppb
Iron	54-2	8238.20	8360.95	8421.41	8340.19	1.12	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:33:03	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.16	4.25	4.35	4.26	2.23	ppb
Lead	207-1	4.22	4.15	4.31	4.23	1.91	ppb
Lead	208-1	4.17	4.20	4.31	4.23	1.69	ppb
Lithium	6-1				88		%
Magnesium	24-2	968.89	958.85	970.07	965.94	0.64	ppb
Manganese	55-2	297.83	297.07	296.29	297.06	0.26	ppb
Molybdenum	94-1	0.83	0.79	0.85	0.82	3.48	ppb
Molybdenum	95-1	0.10	0.09	0.10	0.10	5.47	ppb
Molybdenum	96-1	0.21	0.21	0.22	0.22	3.05	ppb
Molybdenum	97-1	0.09	0.08	0.10	0.09	10.40	ppb
Molybdenum	98-1	0.09	0.09	0.09	0.09	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.70	4.60	4.79	4.70	1.97	ppb
Phosphorus	31-2	69.04	63.62	68.01	66.89	4.31	ppb
Potassium	39-2	432.31	429.79	436.91	433.00	0.83	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.54	0.64	0.16	0.45	56.88	ppb
Selenium	77-2	0.57	0.99	1.01	0.86	28.72	ppb
Selenium	78-2	0.26	-0.07	0.86	0.35	136.23	ppb
Silicon	28-1	70.86	73.10	74.18	72.71	2.33	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.53	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.22	ppb
Sodium	23-2	7.07	6.94	7.32	7.11	2.72	ppb
Strontium	86-1	90.55	90.29	92.28	91.04	1.19	ppb
Strontium	88-1	91.87	91.56	93.09	92.17	0.87	ppb
Sulfur	34-1	-1242.17	-1185.71	-1210.55	-1212.81		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.03	0.02	11.23	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	7.16	ppb
Tin	118-1	0.10	0.10	0.13	0.11	12.42	ppb
Titanium	47-1	50.69	52.95	52.76	52.13	2.40	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:33:03	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	1.96	ppb
Vanadium	51-2	12.61	12.52	12.53	12.55	0.40	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	15.10	15.25	14.94	15.10	1.05	ppb
Zirconium	90-1	0.41	0.42	0.42	0.42	2.00	ppb
Zirconium	91-1	0.41	0.41	0.44	0.42	4.87	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:36:16	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9648.46	9420.76	9770.60	9613.27	1.85	ppb
Antimony	121-1	18.58	18.85	18.97	18.80	1.05	ppb
Arsenic	75-2	38.10	37.08	37.57	37.58	1.36	ppb
Barium	135-1	475.45	480.36	476.98	477.60	0.53	ppb
Barium	137-1	468.01	482.23	483.44	477.89	1.80	ppb
Beryllium	9-1	8.73	9.22	8.83	8.93	2.87	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.45	8.78	8.82	8.68	2.33	ppb
Cadmium	106-1	7.68	7.99	7.58	7.75	2.75	ppb
Cadmium	111-1	9.55	9.73	9.69	9.65	1.00	ppb
Calcium	43-1	2462.99	2467.96	2488.99	2473.31	0.56	ppb
Calcium	44-1	2352.49	2402.71	2395.99	2383.73	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.43	64.42	66.37	65.41	1.48	ppb
Cobalt	59-2	108.46	109.37	113.57	110.47	2.47	ppb
Copper	63-2	105.30	103.06	106.46	104.94	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	41342.67	40974.40	41672.55	41329.87	0.85	ppb
Iron	57-2	40266.13	39701.78	41191.46	40386.46	1.86	ppb
Iron	54-2	40635.05	39931.18	41836.04	40800.76	2.36	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:36:16	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.43	24.27	24.56	24.42	0.60	ppb
Lead	207-1	24.01	24.15	24.47	24.21	0.98	ppb
Lead	208-1	24.07	24.08	24.44	24.20	0.87	ppb
Lithium	6-1				91		%
Magnesium	24-2	4861.09	4751.69	5012.44	4875.07	2.69	ppb
Manganese	55-2	1519.97	1499.74	1545.34	1521.68	1.50	ppb
Molybdenum	94-1	4.02	4.18	4.06	4.09	2.01	ppb
Molybdenum	95-1	0.46	0.49	0.49	0.48	4.08	ppb
Molybdenum	96-1	1.10	1.08	1.07	1.08	1.24	ppb
Molybdenum	97-1	0.44	0.47	0.46	0.45	2.68	ppb
Molybdenum	98-1	0.44	0.45	0.44	0.45	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.33	114.17	118.00	115.84	1.69	ppb
Phosphorus	31-2	411.42	400.45	406.49	406.12	1.35	ppb
Potassium	39-2	2075.49	2017.97	2115.61	2069.69	2.37	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	19.88	20.33	20.15	20.12	1.13	ppb
Selenium	77-2	22.20	22.56	21.65	22.14	2.07	ppb
Selenium	78-2	19.26	19.82	19.41	19.50	1.50	ppb
Silicon	28-1	386.84	385.34	393.54	388.58	1.12	ppb
Silver	107-1	7.67	7.82	7.87	7.78	1.38	ppb
Silver	109-1	7.85	7.99	8.01	7.95	1.12	ppb
Sodium	23-2	43.98	42.57	46.70	44.42	4.72	ppb
Strontium	86-1	438.68	450.16	448.50	445.78	1.39	ppb
Strontium	88-1	441.78	452.07	452.29	448.71	1.34	ppb
Sulfur	34-1	-1058.45	-1142.00	-1126.17	-1108.87		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	8.98	8.89	9.06	8.98	0.95	ppb
Thallium	205-1	8.88	8.83	9.07	8.93	1.43	ppb
Tin	118-1	0.53	0.56	0.55	0.55	3.49	ppb
Titanium	47-1	258.98	256.07	258.74	257.93	0.63	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:36:16	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.26	0.27	0.27	2.30	ppb
Vanadium	51-2	152.45	151.84	154.25	152.85	0.82	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	161.05	157.27	163.95	160.76	2.08	ppb
Zirconium	90-1	2.05	2.12	2.10	2.09	1.66	ppb
Zirconium	91-1	2.05	2.09	2.09	2.08	1.02	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:39:20	DataFile Name :	111CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47768.80	49899.34	49549.02	49072.38	2.33	ppb
Antimony	121-1	482.01	488.36	490.61	486.99	0.92	ppb
Arsenic	75-2	502.73	511.24	508.09	507.36	0.85	ppb
Barium	135-1	2480.00	2465.15	2481.33	2475.50	0.36	ppb
Barium	137-1	2467.68	2460.37	2494.47	2474.17	0.73	ppb
Beryllium	9-1	504.11	499.36	508.47	503.98	0.90	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	494.24	497.15	498.02	496.47	0.40	ppb
Cadmium	106-1	492.92	492.06	498.78	494.58	0.74	ppb
Cadmium	111-1	497.69	496.39	502.17	498.75	0.61	ppb
Calcium	43-1	243214.05	245022.98	249373.38	245870.14	1.29	ppb
Calcium	44-1	243144.27	245696.47	250195.44	246345.39	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.64	497.22	505.63	497.83	1.51	ppb
Cobalt	59-2	511.41	521.50	529.66	520.86	1.75	ppb
Copper	63-2	5031.25	5149.06	5209.85	5130.05	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	125273.53	127775.40	129996.65	127681.86	1.85	ppb
Iron	57-2	124853.56	127667.81	128438.98	126986.78	1.49	ppb
Iron	54-2	125556.18	126706.78	127826.99	126696.65	0.90	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:39:20	DataFile Name :	111CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2564.48	2558.38	2567.18	2563.34	0.18	ppb
Lead	207-1	2497.01	2514.23	2539.15	2516.79	0.84	ppb
Lead	208-1	2519.39	2528.06	2536.13	2527.86	0.33	ppb
Lithium	6-1				90		%
Magnesium	24-2	260661.41	267747.87	270198.63	266202.63	1.86	ppb
Manganese	55-2	4913.90	4966.40	4990.96	4957.09	0.79	ppb
Molybdenum	94-1	4922.57	5023.71	5001.42	4982.57	1.07	ppb
Molybdenum	95-1	4942.82	5011.91	4989.59	4981.44	0.71	ppb
Molybdenum	96-1	4942.64	5022.50	5027.26	4997.47	0.95	ppb
Molybdenum	97-1	4964.19	5055.73	5008.76	5009.56	0.91	ppb
Molybdenum	98-1	4964.98	5039.87	5023.91	5009.59	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.68	518.31	522.43	517.14	1.15	ppb
Phosphorus	31-2	9421.53	9727.49	9818.56	9655.86	2.15	ppb
Potassium	39-2	122706.77	125392.32	126817.83	124972.31	1.67	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	490.39	492.53	496.52	493.15	0.63	ppb
Selenium	77-2	486.12	508.06	494.68	496.29	2.23	ppb
Selenium	78-2	485.81	500.12	494.86	493.60	1.47	ppb
Silicon	28-1	159.86	165.95	168.36	164.72	2.66	ppb
Silver	107-1	494.56	495.06	496.34	495.32	0.19	ppb
Silver	109-1	497.11	497.01	498.91	497.68	0.22	ppb
Sodium	23-2	244002.25	243248.18	250040.34	245763.59	1.51	ppb
Strontium	86-1	12800.59	12953.83	12857.99	12870.80	0.60	ppb
Strontium	88-1	12845.06	13095.86	12887.06	12942.66	1.04	ppb
Sulfur	34-1	10263.37	10124.35	10278.40	10222.04	0.83	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	511.17	513.43	509.53	511.38	0.38	ppb
Thallium	205-1	512.17	513.42	507.97	511.18	0.56	ppb
Tin	118-1	485.06	490.67	496.46	490.73	1.16	ppb
Titanium	47-1	4947.20	4938.11	5025.31	4970.20	0.96	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:39:20	DataFile Name :	111CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.87	513.08	517.21	511.72	1.23	ppb
Vanadium	51-2	495.37	505.87	510.49	503.91	1.54	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	4972.08	5091.75	5062.41	5042.08	1.24	ppb
Zirconium	90-1	505.11	510.33	511.15	508.87	0.64	ppb
Zirconium	91-1	500.48	509.28	508.96	506.24	0.99	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:42:02	DataFile Name :	112CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.18	0.11	0.17	32.71	ppb
Antimony	121-1	0.16	0.18	0.24	0.19	21.49	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	41.03	ppb
Barium	135-1	0.16	0.08	0.04	0.09	64.25	ppb
Barium	137-1	0.15	0.07	0.03	0.08	72.92	ppb
Beryllium	9-1	0.06	0.05	0.03	0.05	29.92	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.04	-0.01	0.01	167.59	ppb
Cadmium	106-1	-0.44	0.28	-0.53	-0.23		ppb
Cadmium	111-1	0.01	0.05	-0.02	0.01	358.88	ppb
Calcium	43-1	19.92	11.26	9.41	13.53	41.47	ppb
Calcium	44-1	20.89	13.76	8.95	14.53	41.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	168.93	ppb
Copper	63-2	0.08	0.06	0.08	0.07	14.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	0.93	0.76	0.50	0.73	29.43	ppb
Iron	57-2	-0.90	0.01	-0.30	-0.39		ppb
Iron	54-2	-0.82	-0.46	-1.00	-0.76		ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:42:02	DataFile Name :	112CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.10	0.07	0.11	49.32	ppb
Lead	207-1	0.18	0.10	0.07	0.11	49.03	ppb
Lead	208-1	0.18	0.10	0.07	0.12	48.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.67	0.45	0.17	0.43	58.29	ppb
Manganese	55-2	0.04	0.04	0.01	0.03	48.70	ppb
Molybdenum	94-1	0.42	0.26	0.25	0.31	31.02	ppb
Molybdenum	95-1	0.37	0.23	0.16	0.25	41.89	ppb
Molybdenum	96-1	0.37	0.22	0.17	0.26	40.11	ppb
Molybdenum	97-1	0.38	0.22	0.18	0.26	39.20	ppb
Molybdenum	98-1	0.38	0.22	0.17	0.26	43.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.05	-0.04		ppb
Phosphorus	31-2	-21.26	-19.26	-20.66	-20.39		ppb
Potassium	39-2	6.14	7.00	6.88	6.67	6.96	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.23	0.12	0.21	0.19	31.35	ppb
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	0.71	0.04	0.17	0.31	117.25	ppb
Silicon	28-1	-9.52	-8.74	-8.64	-8.97		ppb
Silver	107-1	0.04	0.02	0.01	0.02	46.41	ppb
Silver	109-1	0.04	0.02	0.02	0.03	46.84	ppb
Sodium	23-2	2.72	2.80	1.76	2.43	23.88	ppb
Strontium	86-1	0.56	0.13	-0.05	0.21	147.44	ppb
Strontium	88-1	0.89	0.50	0.30	0.56	53.68	ppb
Sulfur	34-1	-672.07	-572.20	-619.18	-621.15		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.09	0.07	0.09	16.59	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	10.21	ppb
Tin	118-1	0.04	0.02	0.01	0.02	66.02	ppb
Titanium	47-1	0.35	0.16	0.10	0.21	62.62	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:42:02	DataFile Name :	112CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.01	0.02	66.61	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	47.92	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	0.37	0.35	0.38	0.36	4.65	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	9.53	ppb
Zirconium	91-1	0.07	0.07	0.07	0.07	3.20	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:45:16	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10401.15	10067.25	10469.10	10312.50	2.09	ppb
Antimony	121-1	75.54	77.25	77.69	76.83	1.48	ppb
Arsenic	75-2	59.49	59.44	59.59	59.51	0.13	ppb
Barium	135-1	1566.43	1599.64	1605.96	1590.68	1.33	ppb
Barium	137-1	1573.02	1600.66	1612.04	1595.24	1.26	ppb
Beryllium	9-1	35.15	35.50	35.60	35.41	0.67	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.17	35.37	35.54	35.03	2.13	ppb
Cadmium	106-1	33.81	34.77	34.34	34.31	1.40	ppb
Cadmium	111-1	38.48	39.26	39.73	39.15	1.61	ppb
Calcium	43-1	2322.54	2387.94	2381.45	2363.98	1.52	ppb
Calcium	44-1	2263.77	2321.33	2329.28	2304.79	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180.27	176.38	179.75	178.80	1.18	ppb
Cobalt	59-2	397.55	395.83	400.89	398.09	0.65	ppb
Copper	63-2	244.94	240.49	244.14	243.19	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	40542.22	40073.98	40411.19	40342.46	0.60	ppb
Iron	57-2	39867.19	39585.46	39693.18	39715.28	0.36	ppb
Iron	54-2	40306.28	39780.97	39820.48	39969.24	0.73	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:45:16	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.99	35.54	35.36	35.30	0.80	ppb
Lead	207-1	34.23	34.53	35.34	34.70	1.66	ppb
Lead	208-1	34.42	34.89	35.03	34.78	0.92	ppb
Lithium	6-1				93		%
Magnesium	24-2	4787.44	4704.45	4726.39	4739.43	0.91	ppb
Manganese	55-2	1730.94	1726.97	1748.22	1735.38	0.65	ppb
Molybdenum	94-1	4.05	4.01	4.09	4.05	0.98	ppb
Molybdenum	95-1	0.47	0.49	0.49	0.48	3.20	ppb
Molybdenum	96-1	1.06	1.09	1.09	1.08	1.39	ppb
Molybdenum	97-1	0.47	0.45	0.47	0.46	1.70	ppb
Molybdenum	98-1	0.46	0.48	0.45	0.46	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	410.97	404.79	417.47	411.08	1.54	ppb
Phosphorus	31-2	379.80	383.62	381.02	381.48	0.51	ppb
Potassium	39-2	1963.23	1977.98	2000.54	1980.58	0.95	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	81.13	81.15	81.33	81.20	0.13	ppb
Selenium	77-2	81.56	82.45	80.57	81.53	1.16	ppb
Selenium	78-2	80.51	81.38	80.60	80.83	0.60	ppb
Silicon	28-1	373.61	377.65	371.08	374.11	0.89	ppb
Silver	107-1	27.42	27.91	28.12	27.82	1.29	ppb
Silver	109-1	27.91	28.21	28.57	28.23	1.17	ppb
Sodium	23-2	48.09	46.53	48.60	47.74	2.25	ppb
Strontium	86-1	432.18	429.54	434.40	432.04	0.56	ppb
Strontium	88-1	429.11	430.31	433.84	431.08	0.57	ppb
Sulfur	34-1	-707.71	-732.74	-808.38	-749.61		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	36.67	36.93	36.88	36.83	0.37	ppb
Thallium	205-1	37.38	36.70	36.73	36.94	1.04	ppb
Tin	118-1	0.53	0.55	0.56	0.54	3.00	ppb
Titanium	47-1	245.75	252.12	251.22	249.70	1.38	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:45:16	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.27	0.26	2.27	ppb
Vanadium	51-2	428.30	418.87	426.52	424.56	1.18	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	440.22	432.70	442.21	438.38	1.14	ppb
Zirconium	90-1	2.06	2.07	2.10	2.08	0.95	ppb
Zirconium	91-1	2.09	2.10	2.15	2.11	1.46	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:48:17	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7993.38	7735.83	8004.41	7911.20	1.92	ppb
Antimony	121-1	0.26	0.30	0.31	0.29	9.99	ppb
Arsenic	75-2	21.79	21.30	21.72	21.60	1.21	ppb
Barium	135-1	89.16	101.58	102.50	97.75	7.63	ppb
Barium	137-1	89.16	102.12	102.36	97.88	7.71	ppb
Beryllium	9-1	0.27	0.38	0.34	0.33	16.66	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.49	0.45	0.44	0.46	5.24	ppb
Cadmium	106-1	-0.24	-0.22	-0.84	-0.43		ppb
Cadmium	111-1	0.37	0.42	0.40	0.40	7.27	ppb
Calcium	43-1	1929.41	2253.07	2268.96	2150.48	8.91	ppb
Calcium	44-1	1903.43	2217.55	2216.58	2112.52	8.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.03	21.81	21.88	21.91	0.51	ppb
Cobalt	59-2	11.07	11.03	11.15	11.08	0.57	ppb
Copper	63-2	52.46	51.77	52.52	52.25	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				116		%
Indium	115-2				106		%
Iron	56-2	20224.07	19967.89	20116.34	20102.76	0.64	ppb
Iron	57-2	19986.72	19619.70	20097.17	19901.20	1.26	ppb
Iron	54-2	19661.40	19767.04	19892.89	19773.78	0.59	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:48:17	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.03	22.22	22.09	21.11	8.53	ppb
Lead	207-1	18.48	21.25	21.23	20.32	7.82	ppb
Lead	208-1	18.66	21.54	21.56	20.59	8.12	ppb
Lithium	6-1				95		%
Magnesium	24-2	4455.80	4391.78	4502.09	4449.89	1.24	ppb
Manganese	55-2	658.82	669.74	665.11	664.56	0.82	ppb
Molybdenum	94-1	3.57	4.17	4.31	4.02	9.70	ppb
Molybdenum	95-1	0.23	0.28	0.27	0.26	11.27	ppb
Molybdenum	96-1	0.68	0.80	0.81	0.76	8.84	ppb
Molybdenum	97-1	0.24	0.28	0.28	0.27	8.98	ppb
Molybdenum	98-1	0.23	0.28	0.27	0.26	9.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.24	24.12	24.34	24.24	0.45	ppb
Phosphorus	31-2	486.34	461.51	469.43	472.43	2.69	ppb
Potassium	39-2	1792.19	1732.25	1740.85	1755.10	1.85	ppb
Rhodium	103-1				114		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	0.35	0.37	0.25	0.32	19.48	ppb
Selenium	77-2	3.50	3.07	3.65	3.41	8.78	ppb
Selenium	78-2	1.26	0.94	0.60	0.93	35.27	ppb
Silicon	28-1	669.93	793.51	801.52	754.99	9.77	ppb
Silver	107-1	0.12	0.13	0.13	0.13	5.07	ppb
Silver	109-1	0.12	0.13	0.13	0.13	5.80	ppb
Sodium	23-2	34.55	33.71	36.27	34.84	3.74	ppb
Strontium	86-1	237.51	275.11	274.61	262.41	8.22	ppb
Strontium	88-1	234.92	276.04	277.32	262.76	9.18	ppb
Sulfur	34-1	-1267.25	-1047.06	-1076.60	-1130.30		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.13	0.15	0.14	0.14	6.06	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	2.79	ppb
Tin	118-1	0.66	0.72	0.76	0.72	7.07	ppb
Titanium	47-1	164.51	189.13	190.55	181.40	8.07	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:48:17	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.24	0.24	0.23	8.27	ppb
Vanadium	51-2	38.24	37.17	37.94	37.78	1.46	ppb
Yttrium	89-1				116		%
Yttrium	89-2				109		%
Zinc	66-2	88.54	87.57	89.11	88.40	0.88	ppb
Zirconium	90-1	1.95	2.28	2.29	2.17	9.11	ppb
Zirconium	91-1	1.94	2.31	2.33	2.19	10.02	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:51:26	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7736.81	7650.50	7668.33	7685.21	0.59	ppb
Antimony	121-1	0.31	0.31	0.32	0.31	0.98	ppb
Arsenic	75-2	21.91	22.59	21.51	22.00	2.49	ppb
Barium	135-1	101.05	102.81	102.63	102.16	0.95	ppb
Barium	137-1	100.58	102.16	102.72	101.82	1.09	ppb
Beryllium	9-1	0.37	0.30	0.34	0.34	10.31	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	0.66	0.54	0.62	11.75	ppb
Cadmium	106-1	0.57	-0.81	-0.81	-0.35		ppb
Cadmium	111-1	0.42	0.32	0.34	0.36	14.70	ppb
Calcium	43-1	2164.01	2198.69	2230.46	2197.72	1.51	ppb
Calcium	44-1	2107.79	2142.55	2132.34	2127.56	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.66	21.61	21.50	21.59	0.37	ppb
Cobalt	59-2	11.41	11.21	11.13	11.25	1.27	ppb
Copper	63-2	52.45	51.59	51.42	51.82	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	20146.86	19985.96	19872.08	20001.63	0.69	ppb
Iron	57-2	19691.02	19704.51	19132.51	19509.35	1.67	ppb
Iron	54-2	19848.80	19903.77	19610.31	19787.63	0.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:51:26	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.37	21.51	21.42	21.43	0.33	ppb
Lead	207-1	20.69	20.80	20.96	20.82	0.65	ppb
Lead	208-1	20.90	20.94	20.98	20.94	0.19	ppb
Lithium	6-1				92		%
Magnesium	24-2	4381.78	4321.80	4378.56	4360.72	0.77	ppb
Manganese	55-2	681.35	657.92	662.57	667.28	1.86	ppb
Molybdenum	94-1	4.32	4.38	4.45	4.38	1.53	ppb
Molybdenum	95-1	0.27	0.25	0.27	0.26	3.92	ppb
Molybdenum	96-1	0.80	0.83	0.82	0.82	1.98	ppb
Molybdenum	97-1	0.26	0.26	0.26	0.26	1.36	ppb
Molybdenum	98-1	0.25	0.26	0.26	0.26	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.97	23.97	23.74	23.89	0.53	ppb
Phosphorus	31-2	444.35	455.92	436.36	445.54	2.21	ppb
Potassium	39-2	1694.30	1706.31	1738.62	1713.08	1.34	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.55	0.52	0.55	0.54	3.78	ppb
Selenium	77-2	4.02	4.01	3.05	3.69	15.13	ppb
Selenium	78-2	0.72	1.11	0.48	0.77	41.71	ppb
Silicon	28-1	754.06	745.96	754.42	751.48	0.64	ppb
Silver	107-1	0.12	0.12	0.12	0.12	1.19	ppb
Silver	109-1	0.12	0.12	0.12	0.12	0.35	ppb
Sodium	23-2	32.46	33.14	32.24	32.62	1.45	ppb
Strontium	86-1	263.80	268.75	264.52	265.69	1.01	ppb
Strontium	88-1	266.62	268.90	267.29	267.60	0.44	ppb
Sulfur	34-1	-1162.31	-1178.93	-1189.09	-1176.78		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.13	0.13	0.12	0.13	3.44	ppb
Thallium	205-1	0.13	0.12	0.12	0.12	2.14	ppb
Tin	118-1	0.63	0.65	0.63	0.64	1.64	ppb
Titanium	47-1	184.32	189.77	190.94	188.35	1.88	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:51:26	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.24	0.24	0.24	1.97	ppb
Vanadium	51-2	37.63	37.53	37.38	37.51	0.34	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	86.40	86.23	86.11	86.25	0.17	ppb
Zirconium	90-1	2.40	2.41	2.43	2.42	0.71	ppb
Zirconium	91-1	2.37	2.42	2.38	2.39	1.06	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:54:36	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1525.95	1522.59	1515.83	1521.46	0.34	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	2.38	ppb
Arsenic	75-2	4.15	4.15	4.52	4.27	5.02	ppb
Barium	135-1	20.09	19.08	19.83	19.67	2.67	ppb
Barium	137-1	20.18	19.21	19.97	19.78	2.57	ppb
Beryllium	9-1	0.06	0.08	0.07	0.07	20.27	ppb
Bismuth	209-1				114		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.06	0.12	0.08	34.38	ppb
Cadmium	106-1	-1.26	-1.39	-1.56	-1.40		ppb
Cadmium	111-1	0.01	-0.03	-0.03	-0.01		ppb
Calcium	43-1	450.93	425.14	449.84	441.97	3.30	ppb
Calcium	44-1	448.11	425.52	452.48	442.03	3.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.33	4.39	4.29	4.34	1.11	ppb
Cobalt	59-2	2.20	2.24	2.21	2.22	0.97	ppb
Copper	63-2	10.56	10.52	10.42	10.50	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	56-2	3999.55	4024.27	3974.21	3999.34	0.63	ppb
Iron	57-2	4048.88	4050.17	3991.63	4030.23	0.83	ppb
Iron	54-2	3886.98	3979.13	3915.12	3927.08	1.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:54:36	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.31	4.15	4.30	4.25	2.13	ppb
Lead	207-1	4.22	4.12	4.14	4.16	1.29	ppb
Lead	208-1	4.23	4.11	4.21	4.18	1.56	ppb
Lithium	6-1				93		%
Magnesium	24-2	856.88	847.43	839.82	848.05	1.01	ppb
Manganese	55-2	131.07	131.65	130.31	131.01	0.51	ppb
Molybdenum	94-1	0.90	0.81	0.82	0.84	5.92	ppb
Molybdenum	95-1	0.09	0.06	0.06	0.07	22.82	ppb
Molybdenum	96-1	0.21	0.15	0.16	0.17	17.92	ppb
Molybdenum	97-1	0.07	0.05	0.06	0.06	19.96	ppb
Molybdenum	98-1	0.08	0.05	0.06	0.06	23.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.88	4.84	4.61	4.78	2.99	ppb
Phosphorus	31-2	80.48	72.16	81.27	77.97	6.48	ppb
Potassium	39-2	361.88	357.93	356.92	358.91	0.73	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	0.61	0.49	0.55	0.55	10.84	ppb
Selenium	77-2	0.71	0.31	0.73	0.58	40.89	ppb
Selenium	78-2	0.27	0.13	0.38	0.26	46.94	ppb
Silicon	28-1	150.40	139.10	148.64	146.05	4.16	ppb
Silver	107-1	0.03	0.02	0.02	0.02	12.40	ppb
Silver	109-1	0.02	0.02	0.03	0.03	5.65	ppb
Sodium	23-2	5.47	4.45	4.65	4.86	11.19	ppb
Strontium	86-1	54.18	50.87	55.16	53.40	4.21	ppb
Strontium	88-1	54.07	51.77	54.42	53.42	2.70	ppb
Sulfur	34-1	-1349.43	-1466.72	-1347.63	-1387.93		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.04	0.03	0.03	12.97	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.21	ppb
Tin	118-1	0.13	0.10	0.12	0.12	9.69	ppb
Titanium	47-1	37.35	35.39	37.66	36.80	3.34	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:54:36	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	3.89	ppb
Vanadium	51-2	7.43	7.42	7.37	7.40	0.43	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	17.97	17.84	17.68	17.83	0.81	ppb
Zirconium	90-1	0.44	0.41	0.43	0.43	4.32	ppb
Zirconium	91-1	0.43	0.43	0.44	0.43	1.60	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:57:49	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8069.94	7988.74	8199.87	8086.18	1.32	ppb
Antimony	121-1	18.70	18.95	18.76	18.80	0.68	ppb
Arsenic	75-2	28.53	28.75	28.87	28.71	0.60	ppb
Barium	135-1	445.50	455.17	451.33	450.67	1.08	ppb
Barium	137-1	446.51	449.36	448.44	448.10	0.32	ppb
Beryllium	9-1	8.69	8.72	8.58	8.66	0.86	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.12	8.92	9.21	9.08	1.60	ppb
Cadmium	106-1	7.61	7.11	7.54	7.42	3.62	ppb
Cadmium	111-1	9.91	9.82	9.99	9.91	0.86	ppb
Calcium	43-1	2201.98	2242.49	2228.53	2224.33	0.93	ppb
Calcium	44-1	2186.23	2212.87	2163.25	2187.45	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.51	57.72	57.97	57.40	1.36	ppb
Cobalt	59-2	101.97	103.31	102.67	102.65	0.66	ppb
Copper	63-2	93.27	95.90	95.25	94.81	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	19862.12	20225.04	20198.51	20095.22	1.01	ppb
Iron	57-2	19615.86	19612.85	19847.46	19692.06	0.68	ppb
Iron	54-2	19860.01	20041.25	19952.95	19951.41	0.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:57:49	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.55	25.40	25.34	25.43	0.44	ppb
Lead	207-1	24.86	24.81	24.81	24.83	0.11	ppb
Lead	208-1	25.02	25.01	24.99	25.01	0.07	ppb
Lithium	6-1				93		%
Magnesium	24-2	4337.06	4475.96	4407.13	4406.72	1.58	ppb
Manganese	55-2	750.01	756.72	754.12	753.62	0.45	ppb
Molybdenum	94-1	4.10	4.24	4.12	4.15	1.80	ppb
Molybdenum	95-1	0.27	0.29	0.27	0.28	4.11	ppb
Molybdenum	96-1	0.76	0.79	0.78	0.78	2.01	ppb
Molybdenum	97-1	0.25	0.27	0.26	0.26	4.04	ppb
Molybdenum	98-1	0.25	0.26	0.27	0.26	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.10	116.28	115.88	115.42	1.01	ppb
Phosphorus	31-2	460.23	451.18	463.10	458.17	1.36	ppb
Potassium	39-2	1692.86	1727.39	1717.38	1712.54	1.04	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	18.72	18.24	18.44	18.47	1.31	ppb
Selenium	77-2	22.37	21.20	22.48	22.02	3.23	ppb
Selenium	78-2	19.12	19.50	19.63	19.42	1.37	ppb
Silicon	28-1	782.59	797.12	782.70	787.47	1.06	ppb
Silver	107-1	7.46	7.55	7.46	7.49	0.67	ppb
Silver	109-1	7.61	7.61	7.56	7.59	0.37	ppb
Sodium	23-2	30.35	32.08	31.10	31.18	2.78	ppb
Strontium	86-1	266.25	268.00	269.98	268.08	0.69	ppb
Strontium	88-1	266.91	270.04	269.14	268.70	0.60	ppb
Sulfur	34-1	-1246.27	-1266.84	-1309.68	-1274.26		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	9.20	9.35	9.28	9.28	0.81	ppb
Thallium	205-1	9.18	9.32	9.22	9.24	0.80	ppb
Tin	118-1	0.65	0.66	0.66	0.66	1.46	ppb
Titanium	47-1	186.69	189.52	188.62	188.28	0.77	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:57:49	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.23	0.23	0.24	0.97	ppb
Vanadium	51-2	122.92	124.23	124.35	123.83	0.64	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	174.21	176.34	176.85	175.80	0.80	ppb
Zirconium	90-1	2.22	2.24	2.25	2.23	0.61	ppb
Zirconium	91-1	2.23	2.26	2.23	2.24	0.79	ppb

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:00:55	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8932.63	8835.28	8897.70	8888.54	0.55	ppb
Antimony	121-1	77.95	76.36	76.51	76.94	1.14	ppb
Arsenic	75-2	49.48	49.19	47.97	48.88	1.64	ppb
Barium	135-1	1633.90	1609.57	1616.37	1619.95	0.77	ppb
Barium	137-1	1632.82	1593.80	1609.96	1612.20	1.22	ppb
Beryllium	9-1	36.24	36.38	36.15	36.25	0.32	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.20	35.80	35.80	35.60	0.97	ppb
Cadmium	106-1	34.88	33.71	32.23	33.61	3.95	ppb
Cadmium	111-1	39.43	38.99	38.69	39.04	0.96	ppb
Calcium	43-1	2253.59	2244.46	2222.60	2240.22	0.71	ppb
Calcium	44-1	2184.47	2122.78	2168.98	2158.74	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	175.63	177.48	176.73	176.61	0.53	ppb
Cobalt	59-2	398.26	395.41	407.91	400.53	1.64	ppb
Copper	63-2	238.79	238.16	237.25	238.07	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	20546.11	20355.21	20647.49	20516.27	0.72	ppb
Iron	57-2	20090.83	20043.31	20360.15	20164.76	0.85	ppb
Iron	54-2	20426.15	20622.58	20177.25	20408.66	1.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:00:55	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.67	36.53	36.98	36.73	0.64	ppb
Lead	207-1	35.39	35.49	35.63	35.50	0.35	ppb
Lead	208-1	35.67	35.88	36.05	35.87	0.53	ppb
Lithium	6-1				90		%
Magnesium	24-2	4340.98	4243.14	4363.57	4315.90	1.48	ppb
Manganese	55-2	1037.74	1037.68	1018.49	1031.30	1.08	ppb
Molybdenum	94-1	4.27	4.25	4.25	4.25	0.36	ppb
Molybdenum	95-1	0.29	0.29	0.29	0.29	0.82	ppb
Molybdenum	96-1	0.84	0.79	0.81	0.81	3.01	ppb
Molybdenum	97-1	0.27	0.27	0.26	0.27	1.24	ppb
Molybdenum	98-1	0.29	0.28	0.29	0.28	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	422.06	417.44	425.41	421.64	0.95	ppb
Phosphorus	31-2	450.72	440.20	453.84	448.25	1.59	ppb
Potassium	39-2	1677.56	1680.85	1668.57	1675.66	0.38	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	82.04	82.13	81.87	82.01	0.16	ppb
Selenium	77-2	83.02	83.96	79.93	82.30	2.56	ppb
Selenium	78-2	81.87	79.87	77.53	79.75	2.72	ppb
Silicon	28-1	778.62	767.40	765.92	770.65	0.90	ppb
Silver	107-1	32.44	31.92	31.96	32.11	0.89	ppb
Silver	109-1	32.76	32.24	32.86	32.62	1.02	ppb
Sodium	23-2	30.37	30.81	32.44	31.21	3.48	ppb
Strontium	86-1	268.68	266.10	266.99	267.26	0.49	ppb
Strontium	88-1	267.52	269.87	266.89	268.09	0.59	ppb
Sulfur	34-1	-1269.36	-1336.40	-1353.62	-1319.79		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	36.89	37.08	37.31	37.10	0.56	ppb
Thallium	205-1	37.05	36.94	36.89	36.96	0.22	ppb
Tin	118-1	0.70	0.69	0.70	0.70	1.15	ppb
Titanium	47-1	187.90	187.50	186.32	187.24	0.44	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:00:55	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.24	0.24	0.23	1.98	ppb
Vanadium	51-2	408.84	411.15	409.30	409.76	0.30	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	464.19	461.72	467.88	464.60	0.67	ppb
Zirconium	90-1	2.28	2.30	2.30	2.29	0.52	ppb
Zirconium	91-1	2.31	2.27	2.29	2.29	0.75	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:12:43	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7213.68	7027.90	7259.03	7166.87	1.71	ppb
Antimony	121-1	0.57	0.57	0.57	0.57	0.17	ppb
Arsenic	75-2	18.27	18.09	18.02	18.13	0.71	ppb
Barium	135-1	80.42	79.92	81.06	80.47	0.71	ppb
Barium	137-1	79.91	80.15	81.26	80.44	0.89	ppb
Beryllium	9-1	0.21	0.28	0.24	0.24	14.72	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.53	0.39	0.33	0.42	24.78	ppb
Cadmium	106-1	-2.12	-1.66	-2.24	-2.01		ppb
Cadmium	111-1	0.13	0.14	0.16	0.14	10.26	ppb
Calcium	43-1	1871.81	1853.35	1887.19	1870.79	0.91	ppb
Calcium	44-1	1826.76	1829.95	1849.61	1835.44	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.79	15.44	15.64	15.62	1.11	ppb
Cobalt	59-2	8.49	8.24	8.52	8.42	1.86	ppb
Copper	63-2	50.41	49.47	50.69	50.19	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	18111.93	17669.18	17977.78	17919.63	1.27	ppb
Iron	57-2	17727.79	17272.39	17545.88	17515.35	1.31	ppb
Iron	54-2	18070.99	17545.64	17717.98	17778.20	1.51	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:12:43	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.93	12.86	13.19	12.99	1.31	ppb
Lead	207-1	12.63	12.57	12.84	12.68	1.13	ppb
Lead	208-1	12.69	12.64	12.92	12.75	1.16	ppb
Lithium	6-1				89		%
Magnesium	24-2	3394.27	3270.36	3326.52	3330.39	1.86	ppb
Manganese	55-2	420.14	412.10	416.45	416.23	0.97	ppb
Molybdenum	94-1	3.41	3.48	3.45	3.45	0.96	ppb
Molybdenum	95-1	0.27	0.28	0.28	0.27	2.52	ppb
Molybdenum	96-1	0.71	0.72	0.73	0.72	1.19	ppb
Molybdenum	97-1	0.28	0.29	0.29	0.29	2.22	ppb
Molybdenum	98-1	0.26	0.27	0.27	0.27	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.32	12.92	13.17	13.14	1.52	ppb
Phosphorus	31-2	444.05	415.87	422.63	427.52	3.44	ppb
Potassium	39-2	1855.16	1825.63	1852.30	1844.36	0.88	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	0.29	-0.05	0.54	0.26	112.31	ppb
Selenium	77-2	3.58	3.34	3.61	3.51	4.27	ppb
Selenium	78-2	1.25	0.88	0.91	1.02	20.16	ppb
Silicon	28-1	358.22	345.24	353.92	352.46	1.88	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.17	ppb
Silver	109-1	0.09	0.09	0.10	0.09	2.97	ppb
Sodium	23-2	34.21	32.77	33.86	33.61	2.23	ppb
Strontium	86-1	313.44	313.81	311.82	313.03	0.34	ppb
Strontium	88-1	314.56	316.85	315.70	315.70	0.36	ppb
Sulfur	34-1	-1118.92	-1248.98	-1282.68	-1216.86		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.08	0.08	0.09	7.26	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	3.17	ppb
Tin	118-1	0.54	0.58	0.58	0.57	4.20	ppb
Titanium	47-1	169.83	166.77	170.78	169.13	1.24	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:12:43	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.19	0.19	0.20	1.35	ppb
Vanadium	51-2	27.57	26.59	27.51	27.22	2.02	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	61.87	60.49	61.63	61.33	1.20	ppb
Zirconium	90-1	1.82	1.83	1.82	1.83	0.35	ppb
Zirconium	91-1	1.82	1.82	1.84	1.83	0.58	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:15:52	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6909.68	6968.74	7069.26	6982.56	1.16	ppb
Antimony	121-1	0.59	0.61	0.60	0.60	1.22	ppb
Arsenic	75-2	18.34	18.27	18.64	18.42	1.08	ppb
Barium	135-1	82.34	81.82	82.34	82.16	0.37	ppb
Barium	137-1	82.77	81.54	81.97	82.09	0.76	ppb
Beryllium	9-1	0.24	0.21	0.23	0.23	6.02	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.45	0.52	0.46	0.48	7.01	ppb
Cadmium	106-1	-0.82	-1.07	-0.56	-0.82		ppb
Cadmium	111-1	0.22	0.20	0.24	0.22	7.47	ppb
Calcium	43-1	1965.00	1920.52	1918.65	1934.72	1.36	ppb
Calcium	44-1	1894.33	1860.14	1874.32	1876.26	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.82	15.68	15.85	15.79	0.58	ppb
Cobalt	59-2	8.40	8.26	8.35	8.34	0.88	ppb
Copper	63-2	49.24	49.19	49.19	49.21	0.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	17853.90	17489.62	17700.74	17681.42	1.03	ppb
Iron	57-2	17329.92	17427.63	17665.41	17474.32	0.99	ppb
Iron	54-2	17576.79	17639.03	17456.09	17557.30	0.53	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:15:52	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.28	13.41	13.30	13.33	0.53	ppb
Lead	207-1	13.18	12.97	12.81	12.99	1.45	ppb
Lead	208-1	13.14	13.10	12.98	13.07	0.62	ppb
Lithium	6-1				89		%
Magnesium	24-2	3245.71	3243.13	3253.25	3247.36	0.16	ppb
Manganese	55-2	416.13	412.33	420.38	416.28	0.97	ppb
Molybdenum	94-1	3.64	3.57	3.62	3.61	0.97	ppb
Molybdenum	95-1	0.29	0.29	0.28	0.29	1.95	ppb
Molybdenum	96-1	0.72	0.71	0.73	0.72	1.98	ppb
Molybdenum	97-1	0.27	0.29	0.27	0.28	4.60	ppb
Molybdenum	98-1	0.28	0.28	0.28	0.28	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.44	13.60	13.55	13.53	0.62	ppb
Phosphorus	31-2	413.80	409.71	426.95	416.82	2.16	ppb
Potassium	39-2	1801.46	1816.32	1832.49	1816.76	0.85	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.29	0.26	0.53	0.36	41.73	ppb
Selenium	77-2	4.10	2.92	4.42	3.81	20.74	ppb
Selenium	78-2	1.29	0.84	0.90	1.01	24.42	ppb
Silicon	28-1	359.37	343.10	344.16	348.88	2.61	ppb
Silver	107-1	0.09	0.09	0.09	0.09	3.46	ppb
Silver	109-1	0.10	0.09	0.09	0.09	2.19	ppb
Sodium	23-2	29.31	28.79	29.55	29.22	1.33	ppb
Strontium	86-1	325.92	321.73	323.44	323.70	0.65	ppb
Strontium	88-1	323.97	321.87	325.74	323.86	0.60	ppb
Sulfur	34-1	-1289.41	-1373.68	-1354.67	-1339.25		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.08	0.08	0.08	4.48	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	4.04	ppb
Tin	118-1	0.55	0.56	0.58	0.57	2.48	ppb
Titanium	47-1	177.57	174.07	174.56	175.40	1.08	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:15:52	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.20	0.20	0.96	ppb
Vanadium	51-2	26.77	26.56	26.87	26.73	0.60	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	60.94	60.37	60.30	60.54	0.58	ppb
Zirconium	90-1	1.89	1.86	1.93	1.89	1.62	ppb
Zirconium	91-1	1.91	1.86	1.90	1.89	1.57	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE543L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 19:19:02	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1346.07	1371.59	1353.06	1356.90	0.97	ppb
Antimony	121-1	0.11	0.11	0.12	0.11	4.67	ppb
Arsenic	75-2	3.51	3.41	3.65	3.53	3.41	ppb
Barium	135-1	15.36	15.55	15.69	15.53	1.06	ppb
Barium	137-1	15.39	15.45	15.85	15.56	1.62	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	24.35	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.09	0.12	0.09	33.92	ppb
Cadmium	106-1	-0.60	-1.47	-1.27	-1.11		ppb
Cadmium	111-1	0.01	-0.05	-0.04	-0.03		ppb
Calcium	43-1	367.89	387.60	369.94	375.14	2.89	ppb
Calcium	44-1	363.08	378.83	372.70	371.54	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.00	3.08	2.99	3.02	1.58	ppb
Cobalt	59-2	1.67	1.67	1.65	1.66	0.77	ppb
Copper	63-2	9.81	9.89	9.90	9.87	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	3493.29	3507.99	3464.37	3488.55	0.64	ppb
Iron	57-2	3515.51	3524.04	3541.08	3526.88	0.37	ppb
Iron	54-2	3487.54	3506.28	3431.17	3475.00	1.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE543L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 19:19:02	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.49	2.51	2.51	2.50	0.42	ppb
Lead	207-1	2.38	2.51	2.51	2.47	3.13	ppb
Lead	208-1	2.43	2.49	2.49	2.47	1.44	ppb
Lithium	6-1				87		%
Magnesium	24-2	621.82	620.79	620.10	620.90	0.14	ppb
Manganese	55-2	80.01	81.13	80.81	80.65	0.71	ppb
Molybdenum	94-1	0.65	0.68	0.67	0.67	1.82	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	14.22	ppb
Molybdenum	96-1	0.13	0.13	0.14	0.14	5.24	ppb
Molybdenum	97-1	0.05	0.05	0.05	0.05	6.59	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.60	2.55	2.57	2.57	0.89	ppb
Phosphorus	31-2	64.30	64.45	61.56	63.44	2.56	ppb
Potassium	39-2	371.55	368.38	368.70	369.54	0.47	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.12	0.53	0.58	0.41	60.70	ppb
Selenium	77-2	0.72	0.71	0.47	0.63	22.70	ppb
Selenium	78-2	0.64	0.63	0.23	0.50	47.48	ppb
Silicon	28-1	61.67	64.50	63.64	63.27	2.30	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.16	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.24	ppb
Sodium	23-2	3.52	3.36	3.31	3.40	3.26	ppb
Strontium	86-1	60.31	60.39	61.27	60.66	0.87	ppb
Strontium	88-1	60.91	61.18	62.77	61.62	1.63	ppb
Sulfur	34-1	-1443.86	-1427.99	-1433.25	-1435.04		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.02	0.02	0.03	9.70	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.62	ppb
Tin	118-1	0.09	0.09	0.09	0.09	2.65	ppb
Titanium	47-1	32.63	33.80	33.61	33.35	1.89	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE543L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 19:19:02	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	4.18	ppb
Vanadium	51-2	5.39	5.36	5.27	5.34	1.17	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	12.36	12.03	12.45	12.28	1.79	ppb
Zirconium	90-1	0.34	0.35	0.35	0.35	2.74	ppb
Zirconium	91-1	0.36	0.36	0.34	0.36	3.33	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:22:15	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5224.66	5213.78	5209.52	5215.99	0.15	ppb
Antimony	121-1	13.05	13.36	13.62	13.34	2.13	ppb
Arsenic	75-2	17.76	17.46	17.93	17.72	1.35	ppb
Barium	135-1	298.48	299.38	309.78	302.55	2.08	ppb
Barium	137-1	298.90	297.67	314.39	303.65	3.07	ppb
Beryllium	9-1	6.07	6.36	6.59	6.34	4.10	ppb
Bismuth	209-1				111		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.96	6.04	6.29	6.09	2.82	ppb
Cadmium	106-1	4.89	5.14	4.15	4.73	10.86	ppb
Cadmium	111-1	6.38	6.45	6.60	6.48	1.74	ppb
Calcium	43-1	1321.59	1318.07	1367.04	1335.57	2.05	ppb
Calcium	44-1	1288.11	1303.63	1319.36	1303.70	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.22	36.08	36.24	36.18	0.25	ppb
Cobalt	59-2	69.79	69.06	69.06	69.30	0.61	ppb
Copper	63-2	66.36	65.60	65.59	65.85	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	12967.33	12782.29	12757.27	12835.63	0.89	ppb
Iron	57-2	12956.97	12753.51	12495.14	12735.21	1.82	ppb
Iron	54-2	12631.56	12698.94	12605.45	12645.32	0.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:22:15	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.80	11.84	11.95	11.86	0.63	ppb
Lead	207-1	11.30	11.58	11.77	11.55	2.03	ppb
Lead	208-1	11.45	11.59	11.83	11.62	1.67	ppb
Lithium	6-1				88		%
Magnesium	24-2	2285.43	2327.18	2294.64	2302.42	0.95	ppb
Manganese	55-2	362.01	356.24	354.33	357.52	1.12	ppb
Molybdenum	94-1	2.38	2.39	2.43	2.40	1.15	ppb
Molybdenum	95-1	0.21	0.20	0.20	0.20	3.59	ppb
Molybdenum	96-1	0.51	0.51	0.51	0.51	0.69	ppb
Molybdenum	97-1	0.21	0.20	0.17	0.19	8.71	ppb
Molybdenum	98-1	0.20	0.20	0.20	0.20	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.24	74.88	74.25	74.79	0.67	ppb
Phosphorus	31-2	292.74	302.31	301.62	298.89	1.79	ppb
Potassium	39-2	1317.66	1322.47	1310.19	1316.77	0.47	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	14.13	14.15	14.10	14.13	0.20	ppb
Selenium	77-2	15.87	14.08	17.26	15.73	10.14	ppb
Selenium	78-2	13.88	14.44	13.83	14.05	2.41	ppb
Silicon	28-1	226.03	225.84	237.86	229.91	2.99	ppb
Silver	107-1	5.24	5.35	5.47	5.35	2.20	ppb
Silver	109-1	5.35	5.44	5.57	5.45	1.97	ppb
Sodium	23-2	18.95	19.35	19.24	19.18	1.08	ppb
Strontium	86-1	227.30	223.55	230.34	227.06	1.50	ppb
Strontium	88-1	222.56	224.70	228.22	225.16	1.27	ppb
Sulfur	34-1	-1372.83	-1414.80	-1351.53	-1379.72		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	5.95	6.05	6.19	6.06	1.94	ppb
Thallium	205-1	5.95	5.95	6.04	5.98	0.92	ppb
Tin	118-1	0.39	0.39	0.42	0.40	4.14	ppb
Titanium	47-1	118.02	119.07	123.97	120.35	2.64	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:22:15	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.14	0.14	1.56	ppb
Vanadium	51-2	80.21	79.84	79.62	79.89	0.37	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	109.97	110.10	110.41	110.16	0.20	ppb
Zirconium	90-1	1.27	1.28	1.27	1.27	0.33	ppb
Zirconium	91-1	1.23	1.27	1.28	1.26	2.11	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:25:21	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6070.28	6081.11	6109.15	6086.85	0.33	ppb
Antimony	121-1	54.17	53.77	54.31	54.08	0.52	ppb
Arsenic	75-2	33.91	33.37	34.36	33.88	1.47	ppb
Barium	135-1	1138.02	1114.80	1142.08	1131.63	1.30	ppb
Barium	137-1	1126.71	1127.03	1134.27	1129.34	0.38	ppb
Beryllium	9-1	26.44	26.22	26.80	26.49	1.11	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.19	24.97	25.21	25.12	0.54	ppb
Cadmium	106-1	24.28	22.94	23.60	23.61	2.83	ppb
Cadmium	111-1	27.88	27.61	27.68	27.72	0.52	ppb
Calcium	43-1	1357.52	1345.59	1355.90	1353.00	0.48	ppb
Calcium	44-1	1319.25	1309.39	1294.35	1307.66	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.84	121.95	120.51	121.10	0.62	ppb
Cobalt	59-2	290.13	284.71	286.17	287.00	0.98	ppb
Copper	63-2	171.24	174.37	169.37	171.66	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	13430.97	13462.51	13401.77	13431.75	0.23	ppb
Iron	57-2	13199.16	13191.80	13346.83	13245.93	0.66	ppb
Iron	54-2	13459.41	13476.54	13282.55	13406.17	0.80	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:25:21	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.91	20.35	20.21	20.16	1.11	ppb
Lead	207-1	19.53	19.67	19.45	19.55	0.57	ppb
Lead	208-1	19.54	19.87	19.71	19.71	0.86	ppb
Lithium	6-1				90		%
Magnesium	24-2	2401.18	2361.33	2377.70	2380.07	0.84	ppb
Manganese	55-2	567.47	569.21	563.27	566.65	0.54	ppb
Molybdenum	94-1	2.43	2.42	2.47	2.44	1.08	ppb
Molybdenum	95-1	0.21	0.20	0.20	0.20	3.07	ppb
Molybdenum	96-1	0.51	0.52	0.49	0.51	2.90	ppb
Molybdenum	97-1	0.20	0.20	0.21	0.20	2.43	ppb
Molybdenum	98-1	0.21	0.21	0.21	0.21	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	292.06	291.44	289.51	291.00	0.46	ppb
Phosphorus	31-2	283.52	295.46	285.55	288.18	2.22	ppb
Potassium	39-2	1300.89	1315.41	1294.35	1303.55	0.83	ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	60.49	60.36	60.77	60.54	0.35	ppb
Selenium	77-2	63.32	61.80	63.17	62.76	1.34	ppb
Selenium	78-2	61.07	58.31	59.35	59.58	2.34	ppb
Silicon	28-1	231.71	229.83	232.59	231.38	0.61	ppb
Silver	107-1	22.91	22.78	23.06	22.92	0.62	ppb
Silver	109-1	23.17	23.10	23.33	23.20	0.52	ppb
Sodium	23-2	21.90	21.18	20.51	21.20	3.30	ppb
Strontium	86-1	223.57	226.01	228.96	226.18	1.19	ppb
Strontium	88-1	224.89	228.41	226.72	226.67	0.78	ppb
Sulfur	34-1	-1365.41	-1420.90	-1394.88	-1393.73		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	26.24	26.28	26.36	26.29	0.22	ppb
Thallium	205-1	25.82	26.16	26.04	26.01	0.66	ppb
Tin	118-1	0.40	0.39	0.41	0.40	2.59	ppb
Titanium	47-1	121.74	121.89	123.21	122.28	0.66	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:25:21	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.15	0.15	0.14	3.56	ppb
Vanadium	51-2	294.72	290.95	291.15	292.27	0.73	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	323.09	321.49	318.47	321.01	0.73	ppb
Zirconium	90-1	1.28	1.29	1.29	1.29	0.76	ppb
Zirconium	91-1	1.32	1.29	1.28	1.30	1.35	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01A	Instrumnet Name :	P7
Client Sample ID :	MYE543ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:28:21	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27382.45	27295.15	26691.30	27122.96	1.39	ppb
Antimony	121-1	2.14	2.22	2.23	2.20	2.20	ppb
Arsenic	75-2	70.27	70.68	68.85	69.93	1.37	ppb
Barium	135-1	308.90	315.43	313.99	312.77	1.10	ppb
Barium	137-1	305.18	312.44	317.55	311.72	1.99	ppb
Beryllium	9-1	0.93	1.13	1.04	1.03	10.04	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.67	1.80	1.63	11.86	ppb
Cadmium	106-1	1.31	1.00	1.43	1.24	17.95	ppb
Cadmium	111-1	1.15	1.13	1.18	1.15	1.85	ppb
Calcium	43-1	7049.16	7266.18	7332.00	7215.78	2.05	ppb
Calcium	44-1	6899.74	7037.49	7065.25	7000.82	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.66	60.12	59.31	60.03	1.14	ppb
Cobalt	59-2	32.68	32.69	32.32	32.56	0.63	ppb
Copper	63-2	200.34	196.19	197.25	197.93	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	56-2	69592.08	69859.76	68823.45	69425.10	0.77	ppb
Iron	57-2	68950.80	68279.10	67154.91	68128.27	1.33	ppb
Iron	54-2	69352.87	68865.62	67637.69	68618.73	1.29	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01A	Instrumnet Name :	P7
Client Sample ID :	MYE543ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:28:21	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	181.10	183.45	180.90	181.82	0.78	ppb
Lead	207-1	180.11	180.25	182.21	180.85	0.65	ppb
Lead	208-1	178.39	180.06	181.02	179.82	0.74	ppb
Lithium	6-1				89		%
Magnesium	24-2	12843.74	12832.46	12621.23	12765.81	0.98	ppb
Manganese	55-2	1616.37	1610.53	1595.02	1607.31	0.69	ppb
Molybdenum	94-1	13.06	13.40	13.72	13.39	2.47	ppb
Molybdenum	95-1	1.04	1.06	1.06	1.05	1.25	ppb
Molybdenum	96-1	2.67	2.78	2.82	2.76	2.90	ppb
Molybdenum	97-1	1.03	1.08	1.10	1.07	3.45	ppb
Molybdenum	98-1	1.02	1.05	1.06	1.04	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.36	51.11	50.55	51.00	0.82	ppb
Phosphorus	31-2	1708.03	1669.44	1642.97	1673.48	1.96	ppb
Potassium	39-2	7105.23	7051.05	6948.58	7034.95	1.13	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	1.12	1.16	1.12	1.13	1.90	ppb
Selenium	77-2	13.05	14.75	12.93	13.58	7.49	ppb
Selenium	78-2	2.55	3.00	2.49	2.68	10.39	ppb
Silicon	28-1	1453.08	1397.33	1414.75	1421.72	2.01	ppb
Silver	107-1	0.36	0.35	0.36	0.36	1.67	ppb
Silver	109-1	0.38	0.36	0.36	0.37	2.22	ppb
Sodium	23-2	125.84	123.79	122.95	124.19	1.20	ppb
Strontium	86-1	1175.79	1212.48	1220.99	1203.09	2.00	ppb
Strontium	88-1	1183.40	1248.48	1247.83	1226.57	3.05	ppb
Sulfur	34-1	-1239.15	-1265.49	-1270.59	-1258.41		ppb
Terbium	159-1				116		%
Terbium	159-2				111		%
Thallium	203-1	0.28	0.29	0.28	0.28	2.09	ppb
Thallium	205-1	0.29	0.28	0.28	0.28	2.54	ppb
Tin	118-1	2.17	2.24	2.31	2.24	3.08	ppb
Titanium	47-1	648.86	676.88	672.45	666.06	2.26	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01A	Instrumnet Name :	P7
Client Sample ID :	MYE543ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:28:21	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.77	0.79	0.77	2.84	ppb
Vanadium	51-2	105.59	105.50	103.57	104.89	1.09	ppb
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	237.20	238.22	235.92	237.11	0.49	ppb
Zirconium	90-1	6.91	7.08	7.25	7.08	2.46	ppb
Zirconium	91-1	6.95	7.17	7.19	7.10	1.88	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-05	Instrumnet Name :	P7
Client Sample ID :	MYE577	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:31:23	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45580.67	46610.82	46679.78	46290.43	1.33	ppb
Antimony	121-1	3.30	3.42	3.45	3.39	2.25	ppb
Arsenic	75-2	166.59	169.61	167.55	167.92	0.92	ppb
Barium	135-1	624.43	642.50	645.65	637.53	1.80	ppb
Barium	137-1	625.42	636.50	641.97	634.63	1.33	ppb
Beryllium	9-1	1.82	1.90	1.92	1.88	2.89	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.14	3.39	3.79	3.44	9.63	ppb
Cadmium	106-1	4.97	5.07	4.58	4.88	5.30	ppb
Cadmium	111-1	2.14	2.22	2.14	2.17	2.13	ppb
Calcium	43-1	10141.49	10302.38	10357.69	10267.19	1.09	ppb
Calcium	44-1	9961.03	10022.43	9950.86	9978.11	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.04	120.28	121.36	121.22	0.73	ppb
Cobalt	59-2	69.56	69.65	69.32	69.51	0.25	ppb
Copper	63-2	287.88	290.86	289.99	289.58	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	56-2	130069.82	133282.83	132871.49	132074.72	1.32	ppb
Iron	57-2	132096.07	132158.65	131005.51	131753.41	0.49	ppb
Iron	54-2	129515.91	131118.37	130406.83	130347.04	0.62	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-05	Instrumnet Name :	P7
Client Sample ID :	MYE577	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:31:23	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	95.33	96.17	98.35	96.62	1.61	ppb
Lead	207-1	92.63	92.87	94.68	93.40	1.20	ppb
Lead	208-1	93.11	93.82	95.27	94.07	1.17	ppb
Lithium	6-1				85		%
Magnesium	24-2	23908.23	24907.47	24186.65	24334.11	2.12	ppb
Manganese	55-2	3230.82	3264.93	3285.46	3260.40	0.85	ppb
Molybdenum	94-1	39.59	40.72	40.90	40.40	1.76	ppb
Molybdenum	95-1	1.59	1.61	1.64	1.61	1.39	ppb
Molybdenum	96-1	6.35	6.49	6.53	6.45	1.48	ppb
Molybdenum	97-1	1.59	1.58	1.61	1.59	0.87	ppb
Molybdenum	98-1	1.55	1.59	1.57	1.57	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.38	140.34	139.80	139.51	0.72	ppb
Phosphorus	31-2	2560.37	2544.87	2580.55	2561.93	0.70	ppb
Potassium	39-2	8788.41	8808.00	8787.79	8794.73	0.13	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	1.29	1.44	1.39	1.37	5.33	ppb
Selenium	77-2	21.00	22.47	19.59	21.02	6.84	ppb
Selenium	78-2	4.54	4.67	4.30	4.50	4.17	ppb
Silicon	28-1	1498.35	1554.54	1518.49	1523.79	1.87	ppb
Silver	107-1	0.44	0.45	0.46	0.45	1.90	ppb
Silver	109-1	0.43	0.45	0.47	0.45	4.30	ppb
Sodium	23-2	120.60	124.08	123.64	122.77	1.54	ppb
Strontium	86-1	2358.82	2418.43	2427.16	2401.47	1.55	ppb
Strontium	88-1	2402.51	2438.36	2467.33	2436.07	1.33	ppb
Sulfur	34-1	-1174.69	-1164.87	-1122.90	-1154.15		ppb
Terbium	159-1				117		%
Terbium	159-2				112		%
Thallium	203-1	0.64	0.64	0.65	0.64	1.23	ppb
Thallium	205-1	0.65	0.63	0.65	0.64	1.14	ppb
Tin	118-1	2.83	2.89	2.91	2.88	1.57	ppb
Titanium	47-1	1276.97	1291.36	1290.99	1286.44	0.64	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-05	Instrumnet Name :	P7
Client Sample ID :	MYE577	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:31:23	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.70	1.75	1.72	1.61	ppb
Vanadium	51-2	249.22	250.39	248.84	249.48	0.32	ppb
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	313.31	315.73	311.75	313.60	0.64	ppb
Zirconium	90-1	21.81	22.43	22.60	22.28	1.87	ppb
Zirconium	91-1	21.81	22.75	22.46	22.34	2.17	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-06	Instrumnet Name :	P7
Client Sample ID :	MYE578	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:34:25	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38045.38	39490.10	37909.18	38481.55	2.28	ppb
Antimony	121-1	2.64	2.75	2.72	2.70	2.04	ppb
Arsenic	75-2	142.68	142.74	141.87	142.43	0.34	ppb
Barium	135-1	623.01	641.78	632.48	632.43	1.48	ppb
Barium	137-1	621.19	633.59	624.06	626.28	1.04	ppb
Beryllium	9-1	1.89	1.81	1.69	1.80	5.66	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.41	3.43	3.46	3.43	0.73	ppb
Cadmium	106-1	4.64	3.89	4.09	4.20	9.22	ppb
Cadmium	111-1	2.06	1.94	2.03	2.01	3.09	ppb
Calcium	43-1	10445.98	10689.74	10423.23	10519.65	1.40	ppb
Calcium	44-1	10075.87	10242.06	10268.55	10195.49	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.05	112.41	109.81	110.76	1.30	ppb
Cobalt	59-2	53.23	55.10	53.43	53.92	1.90	ppb
Copper	63-2	203.76	218.22	207.67	209.88	3.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	107668.23	111639.22	108197.62	109168.36	1.98	ppb
Iron	57-2	106732.17	108926.37	105871.92	107176.82	1.47	ppb
Iron	54-2	106760.34	108785.80	106092.52	107212.89	1.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-06	Instrumnet Name :	P7
Client Sample ID :	MYE578	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:34:25	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	77.55	75.98	79.03	77.52	1.97	ppb
Lead	207-1	74.40	74.33	76.46	75.06	1.61	ppb
Lead	208-1	75.55	75.76	77.42	76.24	1.35	ppb
Lithium	6-1				83		%
Magnesium	24-2	18850.83	19733.15	19108.53	19230.84	2.36	ppb
Manganese	55-2	3037.57	3142.29	3024.43	3068.10	2.11	ppb
Molybdenum	94-1	36.96	37.10	37.06	37.04	0.19	ppb
Molybdenum	95-1	1.75	1.76	1.77	1.76	0.51	ppb
Molybdenum	96-1	6.09	6.13	6.01	6.07	1.02	ppb
Molybdenum	97-1	1.75	1.77	1.79	1.77	1.08	ppb
Molybdenum	98-1	1.72	1.77	1.70	1.73	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.20	117.98	113.52	114.90	2.32	ppb
Phosphorus	31-2	2325.79	2369.23	2268.40	2321.14	2.18	ppb
Potassium	39-2	7296.42	7365.04	7211.03	7290.83	1.06	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	1.25	0.86	0.92	1.01	20.91	ppb
Selenium	77-2	18.16	19.70	18.93	18.93	4.07	ppb
Selenium	78-2	5.09	4.16	5.14	4.80	11.50	ppb
Silicon	28-1	1607.64	1644.55	1589.25	1613.81	1.74	ppb
Silver	107-1	0.39	0.42	0.41	0.40	3.23	ppb
Silver	109-1	0.40	0.41	0.41	0.41	1.08	ppb
Sodium	23-2	128.86	131.73	126.60	129.06	1.99	ppb
Strontium	86-1	2459.45	2477.12	2474.98	2470.52	0.39	ppb
Strontium	88-1	2512.83	2522.40	2501.23	2512.16	0.42	ppb
Sulfur	34-1	-950.51	-938.33	-990.59	-959.81		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.62	0.60	0.64	0.62	2.80	ppb
Thallium	205-1	0.61	0.59	0.62	0.61	2.33	ppb
Tin	118-1	3.33	3.44	3.44	3.40	1.94	ppb
Titanium	47-1	1111.19	1115.20	1113.63	1113.34	0.18	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-06	Instrumnet Name :	P7
Client Sample ID :	MYE578	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:34:25	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.05	2.04	2.07	2.06	0.84	ppb
Vanadium	51-2	194.55	197.98	193.79	195.44	1.14	ppb
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	286.96	299.64	288.02	291.54	2.41	ppb
Zirconium	90-1	20.29	20.40	20.35	20.35	0.25	ppb
Zirconium	91-1	20.26	20.26	20.31	20.28	0.15	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE554	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 19:37:28	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18109.20	17976.35	18073.19	18052.91	0.38	ppb
Antimony	121-1	0.83	0.86	0.85	0.85	2.19	ppb
Arsenic	75-2	45.38	44.62	44.31	44.77	1.22	ppb
Barium	135-1	173.06	178.88	176.49	176.14	1.66	ppb
Barium	137-1	174.83	181.91	177.95	178.23	1.99	ppb
Beryllium	9-1	0.67	0.64	0.70	0.67	4.48	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.63	0.76	0.73	0.71	9.35	ppb
Cadmium	106-1	0.66	0.53	-0.91	0.09	922.65	ppb
Cadmium	111-1	0.39	0.37	0.25	0.34	22.61	ppb
Calcium	43-1	4326.64	4554.48	4447.49	4442.87	2.57	ppb
Calcium	44-1	4213.58	4433.08	4344.49	4330.38	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.39	37.06	36.43	36.63	1.03	ppb
Cobalt	59-2	20.31	20.63	20.47	20.47	0.78	ppb
Copper	63-2	72.89	74.65	74.35	73.96	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	41752.49	43095.49	41932.28	42260.09	1.73	ppb
Iron	57-2	41050.17	41673.52	41534.97	41419.55	0.79	ppb
Iron	54-2	41158.45	41847.22	41717.46	41574.38	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE554	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 19:37:28	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.06	19.72	19.88	19.56	2.21	ppb
Lead	207-1	18.38	18.98	18.85	18.74	1.70	ppb
Lead	208-1	18.61	19.19	19.22	19.01	1.81	ppb
Lithium	6-1				86		%
Magnesium	24-2	7551.68	7644.52	7668.20	7621.46	0.81	ppb
Manganese	55-2	846.26	869.02	856.83	857.37	1.33	ppb
Molybdenum	94-1	7.68	8.08	8.00	7.92	2.66	ppb
Molybdenum	95-1	0.44	0.47	0.48	0.47	4.98	ppb
Molybdenum	96-1	1.46	1.54	1.54	1.51	2.85	ppb
Molybdenum	97-1	0.46	0.46	0.49	0.47	3.41	ppb
Molybdenum	98-1	0.46	0.47	0.49	0.47	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.37	37.49	37.09	36.98	1.54	ppb
Phosphorus	31-2	833.46	850.21	864.23	849.30	1.81	ppb
Potassium	39-2	3694.38	3756.32	3694.31	3715.00	0.96	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.06	0.18	-0.10	0.05	298.82	ppb
Selenium	77-2	8.54	7.59	6.37	7.50	14.51	ppb
Selenium	78-2	2.02	0.99	2.30	1.77	39.01	ppb
Silicon	28-1	872.13	890.37	881.71	881.40	1.04	ppb
Silver	107-1	0.10	0.11	0.10	0.11	3.83	ppb
Silver	109-1	0.12	0.11	0.11	0.11	2.65	ppb
Sodium	23-2	74.09	77.38	77.04	76.17	2.37	ppb
Strontium	86-1	870.20	891.67	885.72	882.53	1.26	ppb
Strontium	88-1	881.82	918.37	914.06	904.75	2.21	ppb
Sulfur	34-1	-1276.82	-1240.04	-1339.35	-1285.40		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.17	0.17	0.17	0.17	0.17	ppb
Thallium	205-1	0.17	0.16	0.17	0.17	1.72	ppb
Tin	118-1	1.10	1.13	1.16	1.13	2.82	ppb
Titanium	47-1	406.16	418.94	414.54	413.21	1.57	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE554	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 19:37:28	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.58	0.59	0.58	1.75	ppb
Vanadium	51-2	72.68	74.29	73.78	73.58	1.12	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	100.57	102.60	101.50	101.56	1.00	ppb
Zirconium	90-1	4.23	4.34	4.40	4.32	1.96	ppb
Zirconium	91-1	4.28	4.31	4.34	4.31	0.73	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BL	Instrumnet Name :	P7
Client Sample ID :	PBW829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:41:28	DataFile Name :	128CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.03	-0.03	0.06	167.99	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	125.10	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	309.98	ppb
Barium	135-1	0.01	0.02	0.02	0.01	15.52	ppb
Barium	137-1	0.01	0.00	0.01	0.01	31.55	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	138.75	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	-0.01	0.00	270.15	ppb
Cadmium	106-1	-1.13	-1.54	-2.44	-1.70		ppb
Cadmium	111-1	-0.08	-0.11	-0.18	-0.12		ppb
Calcium	43-1	6.87	6.42	5.71	6.33	9.26	ppb
Calcium	44-1	5.31	3.68	3.93	4.31	20.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.05	-0.04		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.06	0.05	0.05	17.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	-0.13	-0.01	-0.11	-0.08		ppb
Iron	57-2	-1.50	-1.06	-1.30	-1.28		ppb
Iron	54-2	-1.74	-1.10	-1.73	-1.52		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BL	Instrumnet Name :	P7
Client Sample ID :	PBW829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:41:28	DataFile Name :	128CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.02	0.02	10.71	ppb
Lead	207-1	0.02	0.01	0.02	0.02	16.45	ppb
Lead	208-1	0.02	0.02	0.02	0.02	11.46	ppb
Lithium	6-1				87		%
Magnesium	24-2	-0.64	-0.58	-0.84	-0.69		ppb
Manganese	55-2	0.02	0.01	0.00	0.01	96.03	ppb
Molybdenum	94-1	-0.03	-0.03	0.00	-0.02		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.05	-0.04		ppb
Phosphorus	31-2	-20.75	-18.10	-21.93	-20.26		ppb
Potassium	39-2	-1.69	-0.73	-1.05	-1.16		ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	-0.01	-0.08	0.01	-0.03		ppb
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	-0.05	-0.26	0.29	0.00		ppb
Silicon	28-1	-6.80	-8.67	-8.58	-8.02		ppb
Silver	107-1	0.00	0.00	0.00	0.00	35.92	ppb
Silver	109-1	0.00	0.00	0.00	0.00	10.36	ppb
Sodium	23-2	0.24	0.46	0.02	0.24	91.48	ppb
Strontium	86-1	0.16	0.05	0.07	0.09	63.51	ppb
Strontium	88-1	0.19	0.19	0.18	0.18	3.05	ppb
Sulfur	34-1	-1267.66	-1379.66	-1345.16	-1330.82		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.01	0.01	0.01	21.79	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.18	ppb
Tin	118-1	-0.01	-0.03	-0.02	-0.02		ppb
Titanium	47-1	0.00	0.01	0.02	0.01	67.68	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BL	Instrumnet Name :	P7
Client Sample ID :	PBW829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:41:28	DataFile Name :	128CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	0.37	0.32	0.35	0.35	6.95	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BS	Instrumnet Name :	P7
Client Sample ID :	LCS829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:44:44	DataFile Name :	129LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.41	41.60	41.33	41.45	0.34	ppb
Antimony	121-1	3.94	4.18	4.18	4.10	3.33	ppb
Arsenic	75-2	2.05	2.10	2.19	2.11	3.37	ppb
Barium	135-1	19.56	20.23	20.49	20.09	2.39	ppb
Barium	137-1	19.73	20.23	20.35	20.10	1.63	ppb
Beryllium	9-1	1.93	2.05	2.06	2.01	3.80	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.87	2.12	2.18	2.06	7.94	ppb
Cadmium	106-1	1.35	0.87	1.00	1.07	22.83	ppb
Cadmium	111-1	1.98	2.03	2.04	2.01	1.51	ppb
Calcium	43-1	980.08	1051.09	1018.32	1016.50	3.50	ppb
Calcium	44-1	973.44	1032.63	1010.70	1005.59	2.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.26	4.24	4.21	4.24	0.63	ppb
Cobalt	59-2	2.15	2.16	2.09	2.13	1.76	ppb
Copper	63-2	4.49	4.51	4.38	4.46	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	438.54	443.92	431.68	438.05	1.40	ppb
Iron	57-2	446.32	452.61	439.84	446.25	1.43	ppb
Iron	54-2	447.63	455.47	442.79	448.63	1.43	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BS	Instrumnet Name :	P7
Client Sample ID :	LCS829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:44:44	DataFile Name :	129LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.02	2.10	2.15	2.09	3.24	ppb
Lead	207-1	1.99	2.09	2.07	2.05	2.72	ppb
Lead	208-1	2.00	2.09	2.11	2.07	2.77	ppb
Lithium	6-1				90		%
Magnesium	24-2	1040.83	1056.52	1038.89	1045.41	0.93	ppb
Manganese	55-2	2.17	2.19	2.08	2.15	2.83	ppb
Molybdenum	94-1	11.43	11.76	11.81	11.67	1.78	ppb
Molybdenum	95-1	9.63	9.78	10.03	9.81	2.06	ppb
Molybdenum	96-1	9.75	10.02	10.13	9.97	1.95	ppb
Molybdenum	97-1	9.55	9.96	10.19	9.90	3.26	ppb
Molybdenum	98-1	9.72	10.01	10.02	9.91	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.26	2.14	2.21	2.84	ppb
Phosphorus	31-2	-20.72	-21.86	-18.70	-20.42		ppb
Potassium	39-2	1062.83	1070.48	1053.31	1062.21	0.81	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	10.06	10.93	10.55	10.51	4.16	ppb
Selenium	77-2	12.21	12.86	8.26	11.11	22.38	ppb
Selenium	78-2	10.80	10.20	10.50	10.50	2.81	ppb
Silicon	28-1	-2.96	-1.34	-1.75	-2.02		ppb
Silver	107-1	1.98	2.05	2.13	2.05	3.64	ppb
Silver	109-1	1.99	2.09	2.13	2.07	3.31	ppb
Sodium	23-2	1017.93	1028.24	1016.99	1021.05	0.61	ppb
Strontium	86-1	48.19	50.58	51.77	50.18	3.63	ppb
Strontium	88-1	49.50	50.68	51.55	50.58	2.03	ppb
Sulfur	34-1	-1261.77	-1124.68	-1155.59	-1180.68		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	1.95	2.04	2.08	2.02	3.26	ppb
Thallium	205-1	1.94	2.03	2.03	2.00	2.56	ppb
Tin	118-1	0.00	0.01	0.00	0.00	97.59	ppb
Titanium	47-1	9.84	10.26	10.00	10.03	2.07	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BS	Instrumnet Name :	P7
Client Sample ID :	LCS829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:44:44	DataFile Name :	129LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.81	1.90	1.91	1.87	2.75	ppb
Vanadium	51-2	10.20	10.28	10.13	10.20	0.73	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	11.63	11.74	11.63	11.67	0.53	ppb
Zirconium	90-1	1.98	2.07	2.04	2.03	2.06	ppb
Zirconium	91-1	1.97	2.07	2.08	2.04	2.88	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01	Instrumnet Name :	P7
Client Sample ID :	GCP96	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:48:13	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.23	9.09	9.07	9.13	0.98	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.19	ppb
Arsenic	75-2	0.25	0.22	0.18	0.21	15.46	ppb
Barium	135-1	20.83	20.59	20.88	20.76	0.75	ppb
Barium	137-1	20.59	20.63	20.61	20.61	0.10	ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	191.46	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.03	0.02	0.01	307.43	ppb
Cadmium	106-1	-0.54	-0.99	-0.63	-0.72		ppb
Cadmium	111-1	-0.03	-0.06	-0.04	-0.04		ppb
Calcium	43-1	33214.70	33422.69	33731.97	33456.45	0.78	ppb
Calcium	44-1	33199.67	32979.42	33496.04	33225.04	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.79	0.75	0.73	0.76	4.62	ppb
Cobalt	59-2	0.06	0.05	0.06	0.06	2.63	ppb
Copper	63-2	83.97	82.70	83.57	83.42	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	56-2	15.47	15.38	15.14	15.33	1.09	ppb
Iron	57-2	168.14	171.25	171.17	170.19	1.04	ppb
Iron	54-2	13.80	13.70	14.02	13.84	1.18	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01	Instrumnet Name :	P7
Client Sample ID :	GCP96	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:48:13	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.68	5.70	5.65	5.68	0.41	ppb
Lead	207-1	5.50	5.43	5.46	5.46	0.59	ppb
Lead	208-1	5.56	5.54	5.56	5.55	0.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	19448.09	19467.06	19589.00	19501.38	0.39	ppb
Manganese	55-2	2.31	2.33	2.23	2.29	2.34	ppb
Molybdenum	94-1	0.10	0.09	0.10	0.10	8.33	ppb
Molybdenum	95-1	0.09	0.10	0.09	0.09	2.40	ppb
Molybdenum	96-1	0.09	0.09	0.09	0.09	3.46	ppb
Molybdenum	97-1	0.09	0.10	0.09	0.09	4.46	ppb
Molybdenum	98-1	0.09	0.09	0.10	0.09	7.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.89	0.88	0.88	1.34	ppb
Phosphorus	31-2	-10.29	-7.76	-11.72	-9.92		ppb
Potassium	39-2	273.98	268.28	267.93	270.06	1.26	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	0.47	0.92	0.91	0.77	33.31	ppb
Selenium	77-2	0.64	0.30	0.47	0.47	35.13	ppb
Selenium	78-2	0.75	0.63	0.94	0.77	19.94	ppb
Silicon	28-1	1505.46	1534.13	1559.28	1532.95	1.76	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.82	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.59	ppb
Sodium	23-2	4213.78	4217.74	4252.46	4227.99	0.50	ppb
Strontium	86-1	650.47	653.84	659.97	654.76	0.74	ppb
Strontium	88-1	655.69	673.08	671.89	666.89	1.46	ppb
Sulfur	34-1	1907.13	2056.96	2220.65	2061.58	7.61	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.01	0.01	0.01	35.45	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	36.42	ppb
Tin	118-1	0.72	0.69	0.70	0.70	1.99	ppb
Titanium	47-1	0.30	0.32	0.28	0.30	6.61	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01	Instrumnet Name :	P7
Client Sample ID :	GCP96	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:48:13	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.13	0.13	0.13	0.94	ppb
Vanadium	51-2	0.30	0.28	0.31	0.30	3.85	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	19.17	19.17	19.06	19.13	0.34	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	6.62	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	22.47	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-02	Instrumnet Name :	P7
Client Sample ID :	GCP96D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:51:25	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.20	6.86	6.59	6.88	4.44	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	0.83	ppb
Arsenic	75-2	0.23	0.21	0.23	0.23	5.22	ppb
Barium	135-1	20.05	20.28	20.37	20.23	0.82	ppb
Barium	137-1	20.22	20.00	20.47	20.23	1.17	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	53.19	ppb
Bismuth	209-1				116		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.05	0.02	0.03	70.08	ppb
Cadmium	106-1	-0.17	-0.84	-1.09	-0.70		ppb
Cadmium	111-1	-0.01	-0.06	-0.07	-0.05		ppb
Calcium	43-1	32401.93	32425.08	32866.14	32564.38	0.80	ppb
Calcium	44-1	32490.44	32695.80	32780.15	32655.47	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.83	0.83	0.85	0.84	1.00	ppb
Cobalt	59-2	0.03	0.03	0.04	0.04	12.91	ppb
Copper	63-2	81.45	83.35	81.78	82.19	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				109		%
Iron	56-2	15.01	15.60	15.19	15.27	2.00	ppb
Iron	57-2	160.18	170.94	168.86	166.66	3.42	ppb
Iron	54-2	13.13	14.03	12.98	13.38	4.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-02	Instrumnet Name :	P7
Client Sample ID :	GCP96D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:51:25	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.28	5.46	5.37	5.37	1.68	ppb
Lead	207-1	5.24	5.28	5.25	5.25	0.39	ppb
Lead	208-1	5.27	5.29	5.27	5.28	0.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	19068.50	19449.08	19279.88	19265.82	0.99	ppb
Manganese	55-2	1.15	1.20	1.24	1.19	3.64	ppb
Molybdenum	94-1	0.10	0.09	0.10	0.10	1.66	ppb
Molybdenum	95-1	0.09	0.10	0.09	0.09	6.89	ppb
Molybdenum	96-1	0.09	0.09	0.08	0.09	6.09	ppb
Molybdenum	97-1	0.09	0.10	0.09	0.09	5.75	ppb
Molybdenum	98-1	0.09	0.10	0.09	0.09	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.60	0.53	0.56	6.97	ppb
Phosphorus	31-2	-10.81	-7.28	-12.09	-10.06		ppb
Potassium	39-2	259.82	269.76	262.72	264.10	1.93	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	0.97	0.95	0.77	0.90	12.14	ppb
Selenium	77-2	0.13	0.63	0.63	0.47	61.91	ppb
Selenium	78-2	1.00	0.15	-0.07	0.36	158.32	ppb
Silicon	28-1	1528.68	1531.66	1533.51	1531.28	0.16	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.98	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.99	ppb
Sodium	23-2	4136.72	4199.90	4123.12	4153.25	0.99	ppb
Strontium	86-1	639.74	653.97	638.22	643.98	1.35	ppb
Strontium	88-1	652.26	656.70	653.83	654.26	0.34	ppb
Sulfur	34-1	2070.86	2169.37	2135.10	2125.11	2.35	ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.01	0.00	0.01	42.62	ppb
Thallium	205-1	0.01	0.01	0.00	0.00	17.37	ppb
Tin	118-1	0.96	0.94	0.97	0.96	1.48	ppb
Titanium	47-1	0.28	0.37	0.58	0.41	37.70	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-02	Instrumnet Name :	P7
Client Sample ID :	GCP96D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:51:25	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.13	0.13	0.13	2.05	ppb
Vanadium	51-2	0.29	0.28	0.29	0.29	2.98	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	18.19	18.81	18.22	18.41	1.89	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	34.56	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	13.82	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01LX5	Instrumnet Name :	P7
Client Sample ID :	GCP96L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 19:54:34	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.40	2.13	2.29	2.27	5.95	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	19.64	ppb
Arsenic	75-2	0.02	0.03	0.03	0.03	28.46	ppb
Barium	135-1	3.94	3.97	3.94	3.95	0.46	ppb
Barium	137-1	3.92	3.97	3.95	3.95	0.67	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	212.41	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	-0.02	-0.64	-0.92	-0.53		ppb
Cadmium	111-1	0.00	-0.05	-0.06	-0.04		ppb
Calcium	43-1	6519.54	6703.09	6638.14	6620.26	1.41	ppb
Calcium	44-1	6339.05	6453.19	6373.17	6388.47	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.13	0.13	0.13	3.68	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	16.52	16.45	16.72	16.56	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	2.80	2.94	2.88	2.87	2.55	ppb
Iron	57-2	30.03	31.19	32.69	31.30	4.27	ppb
Iron	54-2	0.91	0.86	0.70	0.83	13.14	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01LX5	Instrumnet Name :	P7
Client Sample ID :	GCP96L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 19:54:34	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.09	1.06	1.07	1.07	1.32	ppb
Lead	207-1	1.07	1.04	1.05	1.05	1.32	ppb
Lead	208-1	1.07	1.06	1.06	1.07	0.29	ppb
Lithium	6-1				97		%
Magnesium	24-2	3758.10	3822.46	3920.63	3833.73	2.13	ppb
Manganese	55-2	0.43	0.44	0.42	0.43	1.52	ppb
Molybdenum	94-1	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	29.27	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	23.95	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	6.79	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.01	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.15	0.16	0.14	11.93	ppb
Phosphorus	31-2	-18.23	-17.76	-19.83	-18.61		ppb
Potassium	39-2	49.86	50.82	51.44	50.71	1.56	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	0.34	0.63	0.63	0.53	31.94	ppb
Selenium	77-2	0.05	-0.03	0.31	0.11	159.38	ppb
Selenium	78-2	0.55	-0.09	0.10	0.19	175.79	ppb
Silicon	28-1	294.91	297.87	296.70	296.49	0.50	ppb
Silver	107-1	0.00	0.00	0.00	0.00	20.05	ppb
Silver	109-1	0.00	0.00	0.00	0.00	29.09	ppb
Sodium	23-2	829.54	825.27	837.27	830.69	0.73	ppb
Strontium	86-1	122.82	125.30	127.22	125.11	1.77	ppb
Strontium	88-1	125.94	127.54	126.92	126.80	0.64	ppb
Sulfur	34-1	-64.72	6.18	-11.71	-23.42		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.00	0.00	0.00	36.35	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	31.49	ppb
Tin	118-1	0.13	0.12	0.13	0.13	4.13	ppb
Titanium	47-1	0.06	0.06	0.06	0.06	5.20	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01LX5	Instrumnet Name :	P7
Client Sample ID :	GCP96L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 19:54:34	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	6.37	ppb
Vanadium	51-2	0.05	0.06	0.05	0.05	8.85	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	4.13	4.13	4.05	4.10	1.10	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.00	-0.01	-0.01		ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-03	Instrumnet Name :	P7
Client Sample ID :	GCP96S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:57:49	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1833.21	1875.67	1836.82	1848.57	1.27	ppb
Antimony	121-1	102.67	101.92	104.01	102.87	1.03	ppb
Arsenic	75-2	39.95	40.27	39.75	39.99	0.65	ppb
Barium	135-1	1993.67	2017.60	2009.52	2006.93	0.61	ppb
Barium	137-1	1996.03	1994.31	2005.43	1998.59	0.30	ppb
Beryllium	9-1	48.73	48.45	47.05	48.08	1.88	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	46.57	46.56	46.67	46.60	0.13	ppb
Cadmium	106-1	45.06	44.76	45.88	45.23	1.28	ppb
Cadmium	111-1	51.78	52.30	52.77	52.28	0.95	ppb
Calcium	43-1	33419.66	33629.64	32516.39	33188.56	1.78	ppb
Calcium	44-1	33204.33	33336.58	32470.42	33003.77	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.38	211.01	207.29	207.89	1.38	ppb
Cobalt	59-2	519.28	525.60	521.06	521.98	0.62	ppb
Copper	63-2	327.19	333.93	332.65	331.26	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	56-2	1064.65	1098.84	1085.75	1083.08	1.59	ppb
Iron	57-2	1239.47	1261.27	1251.26	1250.67	0.87	ppb
Iron	54-2	1215.91	1247.46	1225.99	1229.79	1.31	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-03	Instrumnet Name :	P7
Client Sample ID :	GCP96S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:57:49	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.54	25.73	25.55	25.61	0.41	ppb
Lead	207-1	24.78	25.09	24.62	24.83	0.96	ppb
Lead	208-1	25.07	25.33	25.09	25.16	0.59	ppb
Lithium	6-1				99		%
Magnesium	24-2	19260.95	19602.73	19574.86	19479.51	0.97	ppb
Manganese	55-2	491.16	513.00	493.61	499.26	2.40	ppb
Molybdenum	94-1	0.10	0.08	0.10	0.10	10.40	ppb
Molybdenum	95-1	0.10	0.10	0.11	0.10	1.48	ppb
Molybdenum	96-1	0.10	0.10	0.10	0.10	0.25	ppb
Molybdenum	97-1	0.10	0.09	0.09	0.09	5.21	ppb
Molybdenum	98-1	0.11	0.11	0.10	0.11	4.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.68	535.24	526.89	527.94	1.30	ppb
Phosphorus	31-2	-11.09	-10.24	-10.49	-10.61		ppb
Potassium	39-2	266.38	273.13	270.18	269.90	1.25	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	101.70	102.95	102.89	102.51	0.69	ppb
Selenium	77-2	99.63	104.65	101.81	102.03	2.47	ppb
Selenium	78-2	105.66	104.47	103.48	104.54	1.04	ppb
Silicon	28-1	1563.77	1571.24	1532.80	1555.94	1.31	ppb
Silver	107-1	52.05	51.57	51.53	51.72	0.56	ppb
Silver	109-1	51.63	51.92	52.57	52.04	0.92	ppb
Sodium	23-2	4230.44	4311.03	4250.21	4263.89	0.99	ppb
Strontium	86-1	644.21	650.52	647.64	647.46	0.49	ppb
Strontium	88-1	653.88	668.76	648.74	657.13	1.58	ppb
Sulfur	34-1	2087.77	2252.10	2092.78	2144.22	4.36	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	49.13	49.57	49.46	49.38	0.47	ppb
Thallium	205-1	49.56	49.80	49.37	49.58	0.44	ppb
Tin	118-1	0.67	0.70	0.70	0.69	2.39	ppb
Titanium	47-1	0.28	0.30	0.27	0.28	5.60	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-03	Instrumnet Name :	P7
Client Sample ID :	GCP96S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:57:49	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.13	0.13	0.13	2.34	ppb
Vanadium	51-2	493.80	504.75	504.88	501.14	1.27	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	533.38	542.05	537.25	537.56	0.81	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.17	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	42.12	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-04	Instrumnet Name :	P7
Client Sample ID :	GCP97	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:00:45	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.40	7.74	7.28	7.81	7.17	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	14.58	ppb
Arsenic	75-2	0.19	0.26	0.21	0.22	16.65	ppb
Barium	135-1	20.54	20.19	20.41	20.38	0.87	ppb
Barium	137-1	20.74	20.51	20.32	20.52	1.02	ppb
Beryllium	9-1	0.02	0.00	0.00	0.00	203.51	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.04	0.02	0.03	39.03	ppb
Cadmium	106-1	0.04	-0.40	-0.51	-0.29		ppb
Cadmium	111-1	0.02	-0.02	-0.03	-0.01		ppb
Calcium	43-1	33153.88	32300.62	32565.82	32673.44	1.34	ppb
Calcium	44-1	32855.93	32357.52	32518.57	32577.34	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.83	0.81	0.83	0.82	0.79	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	3.53	ppb
Copper	63-2	5.66	5.69	5.54	5.63	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	11.70	12.01	11.90	11.87	1.32	ppb
Iron	57-2	162.31	166.65	166.01	164.99	1.42	ppb
Iron	54-2	9.82	10.09	9.99	9.96	1.38	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-04	Instrumnet Name :	P7
Client Sample ID :	GCP97	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:00:45	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.49	0.48	0.48	0.48	0.92	ppb
Lead	207-1	0.46	0.45	0.47	0.46	1.56	ppb
Lead	208-1	0.47	0.46	0.47	0.46	1.39	ppb
Lithium	6-1				95		%
Magnesium	24-2	19311.40	19267.15	19335.98	19304.84	0.18	ppb
Manganese	55-2	1.76	1.77	1.78	1.77	0.41	ppb
Molybdenum	94-1	0.15	0.13	0.12	0.13	8.80	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	4.35	ppb
Molybdenum	96-1	0.09	0.11	0.09	0.10	10.67	ppb
Molybdenum	97-1	0.08	0.09	0.08	0.09	6.42	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.14	0.14	0.14	2.26	ppb
Phosphorus	31-2	-8.68	-11.96	-7.48	-9.37		ppb
Potassium	39-2	262.56	265.55	263.83	263.98	0.57	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	0.92	0.74	0.76	0.80	12.44	ppb
Selenium	77-2	0.47	0.82	0.31	0.53	49.04	ppb
Selenium	78-2	0.47	-0.09	0.71	0.36	113.01	ppb
Silicon	28-1	1550.54	1573.05	1607.72	1577.10	1.83	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.59	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.37	ppb
Sodium	23-2	4447.34	4503.17	4474.46	4474.99	0.62	ppb
Strontium	86-1	643.57	648.11	645.72	645.80	0.35	ppb
Strontium	88-1	647.64	656.13	660.65	654.81	1.01	ppb
Sulfur	34-1	2005.91	1934.15	2011.57	1983.88	2.18	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.02	0.01	0.02	27.53	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	21.67	ppb
Tin	118-1	0.14	0.14	0.15	0.14	2.19	ppb
Titanium	47-1	0.33	0.31	0.29	0.31	6.56	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-04	Instrumnet Name :	P7
Client Sample ID :	GCP97	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:00:45	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.13	0.13	0.13	2.07	ppb
Vanadium	51-2	0.30	0.30	0.29	0.30	1.67	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	2.91	2.67	2.80	2.79	4.24	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	11.41	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	12.71	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-05	Instrumnet Name :	P7
Client Sample ID :	GCP98	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:03:58	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.55	6.73	6.93	7.07	6.04	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	2.19	ppb
Arsenic	75-2	0.23	0.18	0.23	0.21	12.11	ppb
Barium	135-1	20.39	20.36	20.58	20.44	0.60	ppb
Barium	137-1	20.49	20.35	20.98	20.60	1.60	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	66.39	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.03	0.05	0.04	40.47	ppb
Cadmium	106-1	-0.12	-0.83	-0.49	-0.48		ppb
Cadmium	111-1	0.01	-0.03	0.00	-0.01		ppb
Calcium	43-1	33006.09	33267.02	33765.55	33346.22	1.16	ppb
Calcium	44-1	32805.32	33218.41	33088.96	33037.56	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.76	0.72	0.74	2.42	ppb
Cobalt	59-2	0.06	0.07	0.06	0.06	4.52	ppb
Copper	63-2	100.00	101.77	101.99	101.25	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	27.62	27.78	28.05	27.82	0.79	ppb
Iron	57-2	178.12	182.81	190.27	183.73	3.34	ppb
Iron	54-2	24.53	25.72	26.66	25.64	4.17	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-05	Instrumnet Name :	P7
Client Sample ID :	GCP98	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:03:58	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.83	1.82	1.87	1.84	1.55	ppb
Lead	207-1	1.77	1.74	1.76	1.75	0.79	ppb
Lead	208-1	1.76	1.79	1.81	1.79	1.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	19438.33	19576.59	19792.89	19602.60	0.91	ppb
Manganese	55-2	2.79	2.80	2.83	2.80	0.70	ppb
Molybdenum	94-1	0.07	0.08	0.08	0.08	8.10	ppb
Molybdenum	95-1	0.09	0.08	0.09	0.08	4.52	ppb
Molybdenum	96-1	0.08	0.08	0.09	0.08	5.05	ppb
Molybdenum	97-1	0.08	0.09	0.08	0.08	8.31	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.67	0.69	0.69	2.06	ppb
Phosphorus	31-2	-10.74	-7.14	-10.55	-9.48		ppb
Potassium	39-2	263.30	270.21	269.65	267.72	1.43	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	0.58	0.63	0.55	0.59	6.77	ppb
Selenium	77-2	0.64	0.30	1.14	0.69	60.85	ppb
Selenium	78-2	0.35	0.66	0.41	0.47	34.55	ppb
Silicon	28-1	1566.18	1572.98	1562.66	1567.27	0.33	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.46	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.84	ppb
Sodium	23-2	4146.06	4214.02	4252.21	4204.10	1.28	ppb
Strontium	86-1	642.94	641.98	649.95	644.96	0.67	ppb
Strontium	88-1	650.49	659.13	666.49	658.70	1.22	ppb
Sulfur	34-1	2020.02	2081.65	2061.65	2054.44	1.53	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.01	0.01	0.01	17.82	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.56	ppb
Tin	118-1	0.68	0.30	0.30	0.43	51.12	ppb
Titanium	47-1	0.31	0.30	0.29	0.30	3.57	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-05	Instrumnet Name :	P7
Client Sample ID :	GCP98	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:03:58	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.14	0.14	0.14	3.09	ppb
Vanadium	51-2	0.29	0.29	0.30	0.30	2.74	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	50.29	51.08	51.34	50.91	1.08	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	86.07	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	17.07	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-06	Instrumnet Name :	P7
Client Sample ID :	GCP99	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:07:07	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.76	8.41	8.30	9.49	20.70	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	2.73	ppb
Arsenic	75-2	0.23	0.27	0.23	0.25	8.36	ppb
Barium	135-1	19.69	21.18	21.05	20.64	3.99	ppb
Barium	137-1	19.58	20.98	21.23	20.60	4.33	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	56.09	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.02	0.02	0.03	59.24	ppb
Cadmium	106-1	0.40	-0.44	0.10	0.02	2289.04	ppb
Cadmium	111-1	0.04	-0.01	0.02	0.02	165.68	ppb
Calcium	43-1	31533.72	33839.11	34069.22	33147.35	4.23	ppb
Calcium	44-1	31428.05	34007.92	33975.45	33137.14	4.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.78	0.78	0.76	0.77	1.06	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	7.61	ppb
Copper	63-2	53.97	53.94	53.96	53.96	0.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				115		%
Indium	115-2				108		%
Iron	56-2	139.90	139.65	140.69	140.08	0.39	ppb
Iron	57-2	295.64	292.65	302.00	296.76	1.61	ppb
Iron	54-2	136.01	136.77	137.07	136.62	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-06	Instrumnet Name :	P7
Client Sample ID :	GCP99	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:07:07	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.67	1.83	1.80	1.76	4.69	ppb
Lead	207-1	1.56	1.70	1.74	1.67	5.62	ppb
Lead	208-1	1.62	1.75	1.76	1.71	4.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	19623.01	19877.53	19835.14	19778.56	0.69	ppb
Manganese	55-2	18.25	18.13	18.55	18.31	1.20	ppb
Molybdenum	94-1	0.08	0.08	0.07	0.08	2.77	ppb
Molybdenum	95-1	0.07	0.09	0.09	0.08	9.62	ppb
Molybdenum	96-1	0.08	0.09	0.08	0.08	9.39	ppb
Molybdenum	97-1	0.08	0.09	0.08	0.08	5.23	ppb
Molybdenum	98-1	0.07	0.09	0.09	0.09	12.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.32	0.29	0.31	5.53	ppb
Phosphorus	31-2	-9.08	-9.83	-9.69	-9.54		ppb
Potassium	39-2	330.58	331.11	334.46	332.05	0.63	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	0.75	0.94	0.71	0.80	15.41	ppb
Selenium	77-2	0.38	0.30	0.39	0.36	13.29	ppb
Selenium	78-2	0.62	0.63	0.53	0.59	8.80	ppb
Silicon	28-1	1497.21	1622.43	1620.85	1580.16	4.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.70	ppb
Sodium	23-2	4350.87	4324.33	4335.00	4336.74	0.31	ppb
Strontium	86-1	617.55	678.78	675.10	657.14	5.22	ppb
Strontium	88-1	634.68	691.62	676.01	667.44	4.41	ppb
Sulfur	34-1	1791.79	2246.31	2267.22	2101.78	12.78	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.01	0.00	0.00	68.72	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	24.21	ppb
Tin	118-1	0.48	0.53	0.54	0.52	5.84	ppb
Titanium	47-1	0.35	0.42	0.37	0.38	9.91	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-06	Instrumnet Name :	P7
Client Sample ID :	GCP99	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:07:07	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.14	0.14	0.13	6.12	ppb
Vanadium	51-2	0.34	0.29	0.30	0.31	8.95	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	31.61	31.06	32.26	31.64	1.91	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	69.06	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	110.34	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-07	Instrumnet Name :	P7
Client Sample ID :	GCPA0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:10:20	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.06	4.19	4.25	4.17	2.30	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	15.53	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	1338.07	ppb
Barium	135-1	0.07	0.08	0.08	0.07	6.72	ppb
Barium	137-1	0.08	0.06	0.07	0.07	10.30	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.00	0.01	0.01	143.76	ppb
Cadmium	106-1	-0.55	0.01	-0.50	-0.35		ppb
Cadmium	111-1	-0.04	0.00	-0.04	-0.02		ppb
Calcium	43-1	26.62	23.67	23.59	24.63	7.01	ppb
Calcium	44-1	22.75	21.38	22.27	22.13	3.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.05	0.04	26.92	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	62.40	ppb
Copper	63-2	0.14	0.14	0.15	0.14	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				108		%
Iron	56-2	8.53	8.52	8.36	8.47	1.12	ppb
Iron	57-2	6.71	7.63	7.75	7.36	7.69	ppb
Iron	54-2	5.80	6.43	5.96	6.06	5.42	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-07	Instrumnet Name :	P7
Client Sample ID :	GCPA0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:10:20	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.20	0.21	0.20	1.94	ppb
Lead	207-1	0.20	0.20	0.20	0.20	2.02	ppb
Lead	208-1	0.20	0.20	0.20	0.20	0.92	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.28	3.10	2.90	3.09	6.04	ppb
Manganese	55-2	0.87	0.87	0.86	0.87	0.89	ppb
Molybdenum	94-1	0.02	0.01	0.01	0.01	38.50	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	9.28	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	27.06	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	7.70	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	4.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	0.06	0.05	30.46	ppb
Phosphorus	31-2	-17.49	-17.36	-17.63	-17.49		ppb
Potassium	39-2	0.04	1.25	0.10	0.46	148.21	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	0.07	-0.10	-0.10	-0.04		ppb
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	-0.15	0.58	0.49	0.31	129.37	ppb
Silicon	28-1	-8.21	-7.50	-7.11	-7.61		ppb
Silver	107-1	0.00	0.00	0.00	0.00	37.25	ppb
Silver	109-1	0.00	0.00	0.00	0.00	24.62	ppb
Sodium	23-2	55.05	56.17	54.53	55.25	1.52	ppb
Strontium	86-1	0.80	0.93	0.53	0.75	26.62	ppb
Strontium	88-1	1.30	1.21	1.14	1.22	6.45	ppb
Sulfur	34-1	-689.33	-665.19	-661.74	-672.09		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.00	0.00	0.00	544.97	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.20	0.22	0.23	0.21	5.99	ppb
Titanium	47-1	0.12	0.10	0.09	0.10	16.19	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-07	Instrumnet Name :	P7
Client Sample ID :	GCPA0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:10:20	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	37.66	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	41.21	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	1.11	1.18	1.12	1.14	3.09	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	154.41	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:13:35	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	360.37	360.33	362.13	360.94	0.28	ppb
Antimony	121-1	129.17	130.59	132.27	130.67	1.19	ppb
Arsenic	75-2	436.07	432.35	430.07	432.83	0.70	ppb
Barium	135-1	1953.59	1982.44	2009.58	1981.87	1.41	ppb
Barium	137-1	1951.03	1967.83	2010.26	1976.37	1.54	ppb
Beryllium	9-1	70.51	73.19	71.70	71.80	1.87	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	102.45	103.59	104.80	103.62	1.14	ppb
Cadmium	106-1	98.07	99.99	100.86	99.64	1.44	ppb
Cadmium	111-1	112.78	115.43	115.89	114.70	1.46	ppb
Calcium	43-1	256.18	262.19	255.67	258.01	1.40	ppb
Calcium	44-1	126.49	128.69	129.85	128.34	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	265.77	265.76	265.01	265.51	0.16	ppb
Cobalt	59-2	721.63	721.44	725.98	723.02	0.36	ppb
Copper	63-2	845.09	847.78	844.07	845.65	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	2005.78	2019.36	2005.18	2010.11	0.40	ppb
Iron	57-2	2030.44	2014.10	2007.78	2017.44	0.58	ppb
Iron	54-2	2174.33	2205.23	2198.65	2192.74	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:13:35	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	452.89	455.67	466.45	458.34	1.56	ppb
Lead	207-1	427.90	433.27	431.70	430.95	0.64	ppb
Lead	208-1	435.79	441.27	443.80	440.29	0.93	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.18	-0.28	-0.25	-0.24		ppb
Manganese	55-2	1620.16	1633.58	1630.04	1627.93	0.43	ppb
Molybdenum	94-1	360.02	365.19	372.02	365.74	1.65	ppb
Molybdenum	95-1	437.40	444.82	444.06	442.09	0.92	ppb
Molybdenum	96-1	428.35	434.95	439.07	434.12	1.25	ppb
Molybdenum	97-1	438.03	449.86	455.50	447.80	1.99	ppb
Molybdenum	98-1	437.66	448.45	445.03	443.71	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	846.87	862.81	855.79	855.15	0.93	ppb
Phosphorus	31-2	-21.12	-19.46	-20.05	-20.21		ppb
Potassium	39-2	1.84	4.39	3.88	3.37	40.07	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	710.18	724.57	729.23	721.33	1.38	ppb
Selenium	77-2	723.50	694.07	706.41	707.99	2.09	ppb
Selenium	78-2	715.56	712.24	707.33	711.71	0.58	ppb
Silicon	28-1	22.33	22.25	23.09	22.56	2.05	ppb
Silver	107-1	641.57	648.37	650.05	646.66	0.69	ppb
Silver	109-1	641.36	653.84	660.56	651.92	1.49	ppb
Sodium	23-2	17.53	18.25	17.91	17.90	2.03	ppb
Strontium	86-1	9424.96	9746.14	9898.97	9690.02	2.50	ppb
Strontium	88-1	9577.73	9763.29	9822.18	9721.07	1.31	ppb
Sulfur	34-1	-709.87	-807.36	-861.90	-793.04		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	286.32	287.42	296.97	290.24	2.02	ppb
Thallium	205-1	288.20	287.38	292.10	289.23	0.87	ppb
Tin	118-1	-0.01	0.00	0.00	-0.01		ppb
Titanium	47-1	0.11	0.11	0.12	0.11	6.11	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:13:35	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	128.35	ppb
Vanadium	51-2	1672.88	1658.15	1677.90	1669.64	0.61	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	481.82	484.13	484.12	483.36	0.27	ppb
Zirconium	90-1	0.40	0.41	0.41	0.41	1.37	ppb
Zirconium	91-1	0.49	0.51	0.54	0.51	4.46	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DLX2	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 20:16:26	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	177.36	180.80	187.18	181.78	2.74	ppb
Antimony	121-1	63.90	64.21	64.74	64.28	0.66	ppb
Arsenic	75-2	213.36	213.06	218.72	215.05	1.48	ppb
Barium	135-1	983.62	986.86	1012.88	994.45	1.61	ppb
Barium	137-1	981.50	977.25	1000.50	986.42	1.26	ppb
Beryllium	9-1	35.85	35.25	35.15	35.42	1.06	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	51.97	52.67	51.78	52.14	0.90	ppb
Cadmium	106-1	49.57	50.19	50.33	50.03	0.81	ppb
Cadmium	111-1	56.32	56.71	57.65	56.89	1.20	ppb
Calcium	43-1	141.00	133.24	138.98	137.74	2.92	ppb
Calcium	44-1	73.68	72.98	74.18	73.61	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.32	128.90	130.45	128.56	1.63	ppb
Cobalt	59-2	348.90	359.44	357.92	355.42	1.60	ppb
Copper	63-2	405.41	417.30	413.45	412.05	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	974.35	985.27	1005.66	988.43	1.61	ppb
Iron	57-2	982.62	1002.25	1006.83	997.23	1.29	ppb
Iron	54-2	1066.41	1093.68	1098.65	1086.25	1.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DLX2	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 20:16:26	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	227.21	229.11	232.55	229.62	1.18	ppb
Lead	207-1	216.16	217.46	220.33	217.98	0.98	ppb
Lead	208-1	218.41	219.72	222.12	220.09	0.86	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.10	0.00	-0.24	0.29	250.04	ppb
Manganese	55-2	793.44	799.59	810.46	801.17	1.08	ppb
Molybdenum	94-1	175.88	183.37	184.64	181.30	2.61	ppb
Molybdenum	95-1	216.12	223.51	220.46	220.03	1.69	ppb
Molybdenum	96-1	212.93	215.97	214.29	214.40	0.71	ppb
Molybdenum	97-1	216.29	224.60	214.80	218.56	2.42	ppb
Molybdenum	98-1	216.87	219.08	217.81	217.92	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	411.78	426.54	435.60	424.64	2.83	ppb
Phosphorus	31-2	-22.99	-18.45	-21.20	-20.88		ppb
Potassium	39-2	-1.15	0.66	1.31	0.27	471.26	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	346.60	351.81	352.38	350.26	0.91	ppb
Selenium	77-2	344.05	342.25	355.67	347.33	2.10	ppb
Selenium	78-2	353.12	346.99	359.36	353.15	1.75	ppb
Silicon	28-1	6.32	6.80	7.28	6.80	7.09	ppb
Silver	107-1	313.90	317.68	324.52	318.70	1.69	ppb
Silver	109-1	320.18	321.67	324.70	322.18	0.72	ppb
Sodium	23-2	8.49	8.56	9.31	8.79	5.19	ppb
Strontium	86-1	4800.57	4779.45	4826.53	4802.18	0.49	ppb
Strontium	88-1	4749.11	4816.79	4803.56	4789.82	0.75	ppb
Sulfur	34-1	-971.32	-1044.93	-998.63	-1004.96		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	143.30	144.30	144.38	143.99	0.42	ppb
Thallium	205-1	141.06	143.94	143.52	142.84	1.09	ppb
Tin	118-1	0.00	-0.01	-0.01	0.00		ppb
Titanium	47-1	0.04	0.04	0.08	0.05	39.62	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DLX2	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 20:16:26	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	164.91	ppb
Vanadium	51-2	812.78	820.42	828.77	820.66	0.97	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	235.77	243.10	242.65	240.51	1.71	ppb
Zirconium	90-1	0.21	0.21	0.20	0.21	1.32	ppb
Zirconium	91-1	0.25	0.26	0.27	0.26	4.04	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:19:17	DataFile Name :	140CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48497.60	50000.62	48167.35	48888.52	2.00	ppb
Antimony	121-1	482.24	482.66	484.65	483.18	0.27	ppb
Arsenic	75-2	501.86	506.72	499.53	502.71	0.73	ppb
Barium	135-1	2445.30	2463.77	2460.24	2456.44	0.40	ppb
Barium	137-1	2451.23	2427.91	2465.64	2448.26	0.78	ppb
Beryllium	9-1	494.88	490.72	488.07	491.22	0.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.17	493.49	491.84	491.83	0.34	ppb
Cadmium	106-1	491.38	496.08	488.42	491.96	0.79	ppb
Cadmium	111-1	493.98	490.22	485.88	490.02	0.83	ppb
Calcium	43-1	238100.62	238530.35	241221.08	239284.02	0.71	ppb
Calcium	44-1	237698.87	239390.01	239571.22	238886.70	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.60	499.60	498.68	500.29	0.41	ppb
Cobalt	59-2	510.64	518.86	508.42	512.64	1.07	ppb
Copper	63-2	5038.67	5152.65	4995.71	5062.34	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	127005.12	128618.47	124677.02	126766.87	1.56	ppb
Iron	57-2	126969.54	128221.50	124835.46	126675.50	1.35	ppb
Iron	54-2	124985.17	127005.44	125538.00	125842.87	0.83	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:19:17	DataFile Name :	140CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2526.75	2496.16	2514.34	2512.41	0.61	ppb
Lead	207-1	2460.11	2441.34	2476.83	2459.43	0.72	ppb
Lead	208-1	2476.13	2451.91	2492.63	2473.56	0.83	ppb
Lithium	6-1				91		%
Magnesium	24-2	261980.24	264361.61	259908.13	262083.33	0.85	ppb
Manganese	55-2	4995.25	5033.51	4906.20	4978.32	1.31	ppb
Molybdenum	94-1	4930.75	4858.94	4892.37	4894.02	0.73	ppb
Molybdenum	95-1	4896.74	4803.14	4845.95	4848.61	0.97	ppb
Molybdenum	96-1	4852.42	4798.12	4853.87	4834.81	0.66	ppb
Molybdenum	97-1	4907.60	4828.53	4862.36	4866.16	0.82	ppb
Molybdenum	98-1	4914.36	4808.87	4833.30	4852.18	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.24	512.00	500.04	505.09	1.23	ppb
Phosphorus	31-2	9658.66	9707.26	9503.33	9623.08	1.11	ppb
Potassium	39-2	126625.45	127202.33	125026.16	126284.65	0.89	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	483.88	472.51	480.44	478.94	1.22	ppb
Selenium	77-2	467.89	472.90	472.00	470.93	0.57	ppb
Selenium	78-2	480.74	484.00	484.30	483.01	0.41	ppb
Silicon	28-1	158.28	159.91	161.88	160.02	1.12	ppb
Silver	107-1	495.88	486.63	488.03	490.18	1.02	ppb
Silver	109-1	502.17	499.80	494.82	498.93	0.75	ppb
Sodium	23-2	240692.42	247327.55	238855.97	242291.98	1.84	ppb
Strontium	86-1	12595.38	12471.64	12558.17	12541.73	0.51	ppb
Strontium	88-1	12662.39	12456.50	12523.71	12547.53	0.84	ppb
Sulfur	34-1	9500.42	8095.69	9374.79	8990.30	8.65	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	506.63	498.76	498.06	501.15	0.95	ppb
Thallium	205-1	501.76	501.27	504.44	502.49	0.34	ppb
Tin	118-1	484.48	484.18	491.31	486.66	0.83	ppb
Titanium	47-1	4822.14	4854.92	4846.17	4841.07	0.35	ppb

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:19:17	DataFile Name :	140CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	496.12	503.44	503.88	501.14	0.87	ppb
Vanadium	51-2	494.15	502.04	492.53	496.24	1.03	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	4989.77	5108.74	4969.03	5022.51	1.50	ppb
Zirconium	90-1	503.11	491.61	497.39	497.37	1.16	ppb
Zirconium	91-1	498.93	489.83	491.80	493.52	0.97	ppb

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:22:01	DataFile Name :	141CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.22	0.14	0.26	54.38	ppb
Antimony	121-1	0.17	0.20	0.24	0.20	18.28	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	72.23	ppb
Barium	135-1	0.22	0.10	0.06	0.13	65.27	ppb
Barium	137-1	0.19	0.10	0.07	0.12	54.89	ppb
Beryllium	9-1	0.07	0.04	0.03	0.05	44.39	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.09	0.03	0.05	57.45	ppb
Cadmium	106-1	0.68	0.34	-0.52	0.17	368.16	ppb
Cadmium	111-1	0.10	0.05	-0.01	0.05	127.94	ppb
Calcium	43-1	24.78	15.97	11.80	17.52	37.84	ppb
Calcium	44-1	30.48	20.93	15.76	22.39	33.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.03	-0.05	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.04	0.04	0.05	33.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	1.24	0.90	0.57	0.90	37.48	ppb
Iron	57-2	-0.12	0.32	-1.00	-0.27		ppb
Iron	54-2	-0.65	-0.58	-0.48	-0.57		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:22:01	DataFile Name :	141CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.13	0.08	0.14	49.68	ppb
Lead	207-1	0.20	0.11	0.08	0.13	49.02	ppb
Lead	208-1	0.21	0.12	0.08	0.13	50.22	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.77	1.25	0.74	1.25	41.33	ppb
Manganese	55-2	0.03	0.01	0.01	0.02	81.87	ppb
Molybdenum	94-1	0.53	0.34	0.28	0.39	33.71	ppb
Molybdenum	95-1	0.48	0.29	0.22	0.33	40.15	ppb
Molybdenum	96-1	0.45	0.30	0.24	0.33	33.12	ppb
Molybdenum	97-1	0.48	0.27	0.25	0.33	37.97	ppb
Molybdenum	98-1	0.48	0.30	0.23	0.34	38.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.05	-0.04		ppb
Phosphorus	31-2	-16.99	-20.28	-20.06	-19.11		ppb
Potassium	39-2	4.43	4.53	2.29	3.75	33.77	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.38	0.64	0.60	0.54	25.95	ppb
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	0.50	0.47	0.14	0.37	53.72	ppb
Silicon	28-1	-5.42	-7.09	-7.08	-6.53		ppb
Silver	107-1	0.05	0.03	0.02	0.04	39.10	ppb
Silver	109-1	0.05	0.03	0.02	0.04	42.17	ppb
Sodium	23-2	2.18	1.30	0.44	1.31	66.84	ppb
Strontium	86-1	1.25	0.60	0.16	0.67	82.08	ppb
Strontium	88-1	1.23	0.64	0.40	0.76	56.22	ppb
Sulfur	34-1	-546.30	-597.16	-579.94	-574.47		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.07	0.05	0.07	28.88	ppb
Thallium	205-1	0.09	0.06	0.06	0.07	22.67	ppb
Tin	118-1	0.05	0.03	0.02	0.03	50.44	ppb
Titanium	47-1	0.45	0.23	0.13	0.27	61.28	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:22:01	DataFile Name :	141CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.02	0.01	0.02	56.78	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	83.44	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	0.38	0.33	0.29	0.34	13.16	ppb
Zirconium	90-1	0.08	0.06	0.06	0.07	12.66	ppb
Zirconium	91-1	0.08	0.05	0.07	0.07	21.34	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:25:16	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74.47	75.39	75.21	75.02	0.65	ppb
Antimony	121-1	26.55	26.48	26.38	26.47	0.32	ppb
Arsenic	75-2	88.79	85.81	88.61	87.74	1.91	ppb
Barium	135-1	405.72	400.96	397.17	401.28	1.07	ppb
Barium	137-1	403.01	404.18	407.31	404.83	0.55	ppb
Beryllium	9-1	14.34	14.06	14.47	14.29	1.47	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	20.99	21.42	21.40	21.27	1.14	ppb
Cadmium	106-1	21.21	21.05	21.55	21.27	1.19	ppb
Cadmium	111-1	23.67	23.48	23.41	23.52	0.59	ppb
Calcium	43-1	66.18	62.54	63.29	64.00	3.00	ppb
Calcium	44-1	44.62	38.87	42.63	42.04	6.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.10	51.39	52.03	51.51	0.92	ppb
Cobalt	59-2	141.12	142.98	144.04	142.72	1.04	ppb
Copper	63-2	165.20	162.26	162.98	163.48	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	396.94	395.04	395.08	395.69	0.27	ppb
Iron	57-2	393.15	399.48	399.82	397.48	0.94	ppb
Iron	54-2	436.82	431.49	432.23	433.51	0.67	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:25:16	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.44	94.81	93.51	93.58	1.27	ppb
Lead	207-1	86.15	87.77	87.05	86.99	0.93	ppb
Lead	208-1	89.00	90.20	89.34	89.51	0.69	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.10	-0.10	-0.02	-0.07		ppb
Manganese	55-2	325.07	319.98	321.09	322.04	0.83	ppb
Molybdenum	94-1	71.92	72.79	72.67	72.46	0.65	ppb
Molybdenum	95-1	87.65	87.02	88.00	87.55	0.57	ppb
Molybdenum	96-1	85.21	85.80	85.80	85.60	0.39	ppb
Molybdenum	97-1	89.20	88.61	88.58	88.79	0.40	ppb
Molybdenum	98-1	91.42	89.89	89.87	90.39	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	164.86	165.00	165.98	165.28	0.37	ppb
Phosphorus	31-2	-20.47	-19.27	-19.11	-19.62		ppb
Potassium	39-2	2.67	4.44	4.12	3.74	25.19	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	141.13	143.32	144.68	143.04	1.25	ppb
Selenium	77-2	143.06	144.50	151.58	146.38	3.12	ppb
Selenium	78-2	143.61	141.39	142.49	142.50	0.78	ppb
Silicon	28-1	-2.26	-2.12	-0.74	-1.70		ppb
Silver	107-1	132.12	130.43	129.77	130.77	0.93	ppb
Silver	109-1	133.53	133.06	131.15	132.58	0.95	ppb
Sodium	23-2	3.69	4.14	4.91	4.25	14.46	ppb
Strontium	86-1	1914.66	1922.01	1925.81	1920.82	0.29	ppb
Strontium	88-1	1946.69	1958.82	1942.46	1949.32	0.44	ppb
Sulfur	34-1	-605.05	-642.55	-558.50	-602.03		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	58.10	59.58	59.09	58.92	1.28	ppb
Thallium	205-1	56.75	59.80	58.81	58.45	2.66	ppb
Tin	118-1	0.03	0.00	0.00	0.01	140.71	ppb
Titanium	47-1	0.07	0.05	0.04	0.05	31.63	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:25:16	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.00	136.93	ppb
Vanadium	51-2	331.33	332.89	330.75	331.65	0.33	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	95.56	97.04	96.55	96.38	0.78	ppb
Zirconium	90-1	0.08	0.09	0.09	0.09	4.87	ppb
Zirconium	91-1	0.11	0.10	0.11	0.11	2.99	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2REX5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:28:35	DataFile Name :	143CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74.20	74.35	72.89	73.81	1.08	ppb
Antimony	121-1	26.23	26.29	26.55	26.36	0.64	ppb
Arsenic	75-2	87.26	86.36	87.36	86.99	0.63	ppb
Barium	135-1	399.60	404.10	404.98	402.89	0.72	ppb
Barium	137-1	398.05	401.12	406.16	401.78	1.02	ppb
Beryllium	9-1	13.70	14.73	14.13	14.19	3.66	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	21.59	20.83	21.38	21.27	1.84	ppb
Cadmium	106-1	20.49	20.04	20.67	20.40	1.58	ppb
Cadmium	111-1	23.44	23.34	23.43	23.40	0.24	ppb
Calcium	43-1	62.26	64.25	67.29	64.60	3.91	ppb
Calcium	44-1	40.10	39.60	39.94	39.88	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.91	51.30	50.85	51.02	0.48	ppb
Cobalt	59-2	141.72	141.41	140.60	141.25	0.41	ppb
Copper	63-2	162.77	165.61	165.65	164.67	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	395.96	396.23	393.28	395.16	0.41	ppb
Iron	57-2	402.15	392.10	391.28	395.18	1.53	ppb
Iron	54-2	434.69	430.61	432.37	432.56	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2REX5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:28:35	DataFile Name :	143CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.09	93.79	93.32	93.07	0.94	ppb
Lead	207-1	85.94	87.11	87.83	86.96	1.10	ppb
Lead	208-1	88.38	90.01	89.94	89.45	1.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.25	-0.29	-0.38	-0.30		ppb
Manganese	55-2	323.30	324.74	321.98	323.34	0.43	ppb
Molybdenum	94-1	70.41	72.98	72.18	71.86	1.83	ppb
Molybdenum	95-1	85.17	87.57	87.09	86.61	1.46	ppb
Molybdenum	96-1	83.44	86.05	84.75	84.75	1.54	ppb
Molybdenum	97-1	85.79	88.85	88.07	87.57	1.81	ppb
Molybdenum	98-1	85.58	88.61	88.74	87.64	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	162.92	163.68	162.70	163.10	0.32	ppb
Phosphorus	31-2	-22.05	-19.47	-20.40	-20.64		ppb
Potassium	39-2	1.89	1.41	1.80	1.70	15.16	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	138.59	144.74	142.09	141.80	2.18	ppb
Selenium	77-2	145.62	147.12	141.21	144.65	2.12	ppb
Selenium	78-2	142.11	142.03	143.92	142.69	0.75	ppb
Silicon	28-1	-2.02	-1.66	-1.55	-1.74		ppb
Silver	107-1	130.27	130.22	133.23	131.24	1.31	ppb
Silver	109-1	131.36	131.40	132.90	131.89	0.67	ppb
Sodium	23-2	2.76	3.11	2.84	2.90	6.31	ppb
Strontium	86-1	1846.10	1925.63	1904.86	1892.20	2.18	ppb
Strontium	88-1	1902.84	1934.87	1928.96	1922.23	0.89	ppb
Sulfur	34-1	-591.88	-609.78	-632.74	-611.47		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	57.72	58.46	59.13	58.44	1.21	ppb
Thallium	205-1	57.75	58.74	58.77	58.42	0.99	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.04	0.04	0.06	0.05	26.69	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2REX5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:28:35	DataFile Name :	143CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	182.13	ppb
Vanadium	51-2	325.52	324.67	327.05	325.74	0.37	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	96.63	96.24	94.93	95.94	0.93	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	9.79	ppb
Zirconium	91-1	0.11	0.11	0.10	0.11	3.66	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BL	Instrumnet Name :	P7
Client Sample ID :	PBS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:31:36	DataFile Name :	144LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.06	-0.02	-0.02		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	19.43	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	97.37	ppb
Barium	135-1	0.04	0.02	0.01	0.02	56.25	ppb
Barium	137-1	0.03	0.02	0.01	0.02	41.53	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	29.52	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.01	0.02	0.00	408.01	ppb
Cadmium	106-1	0.87	0.27	-0.02	0.37	120.93	ppb
Cadmium	111-1	0.07	0.02	0.00	0.03	108.15	ppb
Calcium	43-1	6.28	7.87	6.59	6.91	12.20	ppb
Calcium	44-1	9.47	10.69	10.70	10.29	6.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.04	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.00	-0.01	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	-0.36	-0.34	-0.26	-0.32		ppb
Iron	57-2	-1.88	-1.79	-0.65	-1.44		ppb
Iron	54-2	-1.43	-2.13	-1.79	-1.78		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BL	Instrumnet Name :	P7
Client Sample ID :	PBS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:31:36	DataFile Name :	144LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	22.33	ppb
Lead	207-1	0.02	0.01	0.02	0.02	30.22	ppb
Lead	208-1	0.02	0.02	0.02	0.02	23.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.42	-0.54	-0.70	-0.56		ppb
Manganese	55-2	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	94-1	0.00	0.01	0.00	0.00	300.27	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	24.41	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	11.13	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	25.29	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	15.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.04	-0.04		ppb
Phosphorus	31-2	-17.60	-19.95	-17.25	-18.27		ppb
Potassium	39-2	-1.71	0.23	1.17	-0.11		ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.55	0.68	0.51	0.58	15.49	ppb
Selenium	77-2	0.05	-0.03	-0.03	0.00		ppb
Selenium	78-2	0.88	0.00	0.62	0.50	91.16	ppb
Silicon	28-1	-7.33	-6.58	-7.34	-7.08		ppb
Silver	107-1	0.02	0.01	0.01	0.02	21.49	ppb
Silver	109-1	0.02	0.01	0.01	0.02	29.01	ppb
Sodium	23-2	-3.95	-3.68	-2.62	-3.42		ppb
Strontium	86-1	0.08	0.06	-0.09	0.02	534.90	ppb
Strontium	88-1	0.31	0.28	0.23	0.27	15.05	ppb
Sulfur	34-1	-583.46	-525.55	-509.52	-539.51		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.03	0.03	0.03	10.65	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	7.18	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.00	0.01	-0.01	0.00	330.09	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BL	Instrumnet Name :	P7
Client Sample ID :	PBS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:31:36	DataFile Name :	144LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	29.01	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	0.33	0.32	0.43	0.36	16.56	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

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On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BS	Instrumnet Name :	P7
Client Sample ID :	LCS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:39:03	DataFile Name :	146LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.99	40.73	40.20	40.97	2.24	ppb
Antimony	121-1	4.36	4.39	4.41	4.39	0.53	ppb
Arsenic	75-2	2.24	2.20	2.18	2.21	1.24	ppb
Barium	135-1	21.34	21.68	21.53	21.52	0.78	ppb
Barium	137-1	21.28	21.36	21.70	21.45	1.03	ppb
Beryllium	9-1	1.96	2.20	2.05	2.07	5.85	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.08	2.27	2.01	2.12	6.23	ppb
Cadmium	106-1	2.50	2.81	1.87	2.39	19.87	ppb
Cadmium	111-1	2.35	2.44	2.35	2.38	2.10	ppb
Calcium	43-1	1063.07	1066.78	1078.12	1069.32	0.73	ppb
Calcium	44-1	1043.73	1045.70	1043.66	1044.37	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.38	4.38	4.40	4.39	0.16	ppb
Cobalt	59-2	2.27	2.22	2.23	2.24	1.17	ppb
Copper	63-2	4.68	4.57	4.64	4.63	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	470.06	457.06	458.64	461.92	1.54	ppb
Iron	57-2	476.19	466.67	469.97	470.94	1.03	ppb
Iron	54-2	472.38	458.83	469.24	466.82	1.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BS	Instrumnet Name :	P7
Client Sample ID :	LCS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:39:03	DataFile Name :	146LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.16	2.20	2.19	2.19	1.05	ppb
Lead	207-1	2.13	2.15	2.15	2.15	0.47	ppb
Lead	208-1	2.15	2.16	2.16	2.15	0.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	1120.46	1091.88	1099.29	1103.88	1.34	ppb
Manganese	55-2	2.28	2.17	2.20	2.22	2.50	ppb
Molybdenum	94-1	12.31	12.22	12.32	12.28	0.46	ppb
Molybdenum	95-1	10.31	10.25	10.34	10.30	0.42	ppb
Molybdenum	96-1	10.48	10.45	10.51	10.48	0.26	ppb
Molybdenum	97-1	10.46	10.31	10.40	10.39	0.74	ppb
Molybdenum	98-1	10.36	10.33	10.33	10.34	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.31	2.22	2.23	2.25	2.12	ppb
Phosphorus	31-2	-20.45	-20.12	-19.99	-20.19		ppb
Potassium	39-2	1095.31	1051.99	1095.25	1080.85	2.31	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	11.13	11.21	11.43	11.26	1.35	ppb
Selenium	77-2	12.05	10.25	10.98	11.09	8.18	ppb
Selenium	78-2	11.35	9.22	12.06	10.88	13.58	ppb
Silicon	28-1	-0.25	-0.39	-1.03	-0.55		ppb
Silver	107-1	2.20	2.23	2.25	2.22	1.12	ppb
Silver	109-1	2.27	2.28	2.27	2.27	0.05	ppb
Sodium	23-2	1036.82	1046.91	1056.32	1046.68	0.93	ppb
Strontium	86-1	53.78	53.30	52.79	53.29	0.92	ppb
Strontium	88-1	53.58	53.00	53.19	53.26	0.56	ppb
Sulfur	34-1	-325.64	-269.30	-264.00	-286.32		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	2.10	2.14	2.10	2.11	1.04	ppb
Thallium	205-1	2.07	2.09	2.11	2.09	0.95	ppb
Tin	118-1	0.01	0.02	0.01	0.01	18.39	ppb
Titanium	47-1	10.60	10.64	10.40	10.55	1.19	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BS	Instrumnet Name :	P7
Client Sample ID :	LCS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:39:03	DataFile Name :	146LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.96	1.99	1.98	1.98	0.76	ppb
Vanadium	51-2	10.79	10.60	10.55	10.65	1.20	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	11.90	11.88	11.62	11.80	1.31	ppb
Zirconium	90-1	2.13	2.11	2.12	2.12	0.42	ppb
Zirconium	91-1	2.12	2.12	2.09	2.11	0.80	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:42:17	DataFile Name :	147LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.88	20.18	21.06	20.37	3.01	ppb
Antimony	121-1	2.09	2.17	2.11	2.12	1.98	ppb
Arsenic	75-2	1.03	1.12	1.12	1.09	4.69	ppb
Barium	135-1	10.13	10.17	10.45	10.25	1.71	ppb
Barium	137-1	10.20	10.37	10.44	10.34	1.18	ppb
Beryllium	9-1	0.98	0.95	1.02	0.98	3.38	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.33	1.25	1.08	1.22	10.17	ppb
Cadmium	106-1	1.04	1.11	1.21	1.12	7.91	ppb
Cadmium	111-1	1.14	1.11	1.17	1.14	2.67	ppb
Calcium	43-1	519.22	509.66	530.14	519.67	1.97	ppb
Calcium	44-1	518.74	512.88	525.52	519.05	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.10	2.13	2.10	1.33	ppb
Cobalt	59-2	1.08	1.08	1.09	1.08	0.82	ppb
Copper	63-2	2.21	2.25	2.25	2.24	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	224.36	221.07	228.13	224.52	1.57	ppb
Iron	57-2	228.14	226.71	230.97	228.61	0.95	ppb
Iron	54-2	224.84	223.31	228.55	225.57	1.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:42:17	DataFile Name :	147LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.05	1.06	1.07	1.06	0.93	ppb
Lead	207-1	1.04	1.06	1.02	1.04	1.49	ppb
Lead	208-1	1.04	1.06	1.06	1.05	1.22	ppb
Lithium	6-1				102		%
Magnesium	24-2	539.62	543.80	544.56	542.66	0.49	ppb
Manganese	55-2	1.05	1.04	1.08	1.05	1.93	ppb
Molybdenum	94-1	5.91	5.95	5.94	5.93	0.34	ppb
Molybdenum	95-1	4.93	4.83	5.04	4.93	2.10	ppb
Molybdenum	96-1	4.99	5.09	5.04	5.04	1.05	ppb
Molybdenum	97-1	5.02	5.03	5.02	5.03	0.13	ppb
Molybdenum	98-1	4.96	4.98	5.00	4.98	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.08	1.12	1.10	1.93	ppb
Phosphorus	31-2	-20.84	-19.97	-19.37	-20.06		ppb
Potassium	39-2	542.57	548.35	551.07	547.33	0.79	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	5.57	5.18	5.50	5.41	3.85	ppb
Selenium	77-2	5.79	4.29	4.36	4.82	17.59	ppb
Selenium	78-2	4.94	5.76	5.06	5.25	8.42	ppb
Silicon	28-1	-3.18	-4.14	-3.39	-3.57		ppb
Silver	107-1	1.06	1.07	1.06	1.06	0.61	ppb
Silver	109-1	1.08	1.09	1.11	1.09	1.40	ppb
Sodium	23-2	480.83	485.48	488.00	484.77	0.75	ppb
Strontium	86-1	26.94	25.05	26.12	26.04	3.63	ppb
Strontium	88-1	25.65	25.56	25.72	25.64	0.30	ppb
Sulfur	34-1	-228.72	-305.92	-254.64	-263.09		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.99	1.04	1.05	1.02	2.93	ppb
Thallium	205-1	1.01	1.02	1.04	1.03	1.51	ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	5.06	4.99	5.14	5.06	1.46	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:42:17	DataFile Name :	147LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.96	0.95	0.95	0.57	ppb
Vanadium	51-2	5.12	5.13	5.20	5.15	0.82	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	5.72	6.02	5.95	5.90	2.71	ppb
Zirconium	90-1	1.03	1.01	1.04	1.03	1.40	ppb
Zirconium	91-1	1.04	1.01	1.03	1.03	1.22	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BL	Instrumnet Name :	P7
Client Sample ID :	PBS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:45:32	DataFile Name :	148CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.35	0.28	0.24	55.27	ppb
Antimony	121-1	0.00	0.00	0.01	0.01	42.01	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.01	0.01	0.01	15.33	ppb
Barium	137-1	0.01	0.01	0.01	0.01	20.25	ppb
Beryllium	9-1	-0.01	0.01	0.01	0.00	295.19	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.03	0.02	0.03	31.88	ppb
Cadmium	106-1	1.58	0.74	0.40	0.91	67.49	ppb
Cadmium	111-1	0.12	0.06	0.03	0.07	66.84	ppb
Calcium	43-1	7.54	5.83	9.05	7.47	21.55	ppb
Calcium	44-1	7.29	7.64	9.76	8.23	16.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.02	-0.02	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	-0.28	-0.28	-0.27	-0.28		ppb
Iron	57-2	-1.72	-0.39	-0.84	-0.98		ppb
Iron	54-2	-1.62	-1.29	-1.99	-1.63		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BL	Instrumnet Name :	P7
Client Sample ID :	PBS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:45:32	DataFile Name :	148CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.02	0.02	0.02	28.76	ppb
Lead	207-1	0.02	0.01	0.02	0.02	24.59	ppb
Lead	208-1	0.02	0.02	0.02	0.02	19.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.32	-0.11	-0.44	-0.29		ppb
Manganese	55-2	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	94-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	44.69	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	164.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.00	0.01	92.24	ppb
Phosphorus	31-2	-19.21	-17.58	-19.12	-18.64		ppb
Potassium	39-2	-1.10	1.91	-0.33	0.16	983.89	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	0.36	0.48	0.26	0.37	30.25	ppb
Selenium	77-2	0.05	0.05	-0.03	0.03	189.35	ppb
Selenium	78-2	0.13	-0.09	0.64	0.23	166.29	ppb
Silicon	28-1	-6.13	-5.91	-4.18	-5.40		ppb
Silver	107-1	0.00	0.01	0.00	0.00	23.57	ppb
Silver	109-1	0.01	0.01	0.00	0.01	20.42	ppb
Sodium	23-2	-3.94	-3.71	-4.06	-3.90		ppb
Strontium	86-1	0.14	0.24	0.00	0.13	96.10	ppb
Strontium	88-1	0.18	0.18	0.21	0.19	8.70	ppb
Sulfur	34-1	-232.20	-236.39	-59.07	-175.89		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.02	0.02	6.60	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.91	ppb
Tin	118-1	-0.02	-0.01	0.02	0.00		ppb
Titanium	47-1	0.01	0.01	0.00	0.01	89.83	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BL	Instrumnet Name :	P7
Client Sample ID :	PBS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:45:32	DataFile Name :	148CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	0.32	0.31	0.33	0.32	2.36	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BS	Instrumnet Name :	P7
Client Sample ID :	LCS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:48:51	DataFile Name :	149LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.90	40.81	41.91	41.21	1.48	ppb
Antimony	121-1	4.38	4.33	4.32	4.34	0.73	ppb
Arsenic	75-2	2.37	2.17	2.15	2.23	5.49	ppb
Barium	135-1	21.44	21.14	21.28	21.29	0.69	ppb
Barium	137-1	21.15	21.33	21.38	21.28	0.57	ppb
Beryllium	9-1	2.04	2.04	2.06	2.04	0.59	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.22	2.21	2.55	2.33	8.40	ppb
Cadmium	106-1	2.89	2.23	2.15	2.43	16.73	ppb
Cadmium	111-1	2.33	2.33	2.27	2.31	1.38	ppb
Calcium	43-1	1065.75	1039.96	1029.68	1045.13	1.78	ppb
Calcium	44-1	1071.05	1019.10	1036.40	1042.19	2.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.33	4.26	4.38	4.32	1.31	ppb
Cobalt	59-2	2.24	2.19	2.21	2.22	1.23	ppb
Copper	63-2	4.51	4.38	4.60	4.50	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	455.33	454.28	455.90	455.17	0.18	ppb
Iron	57-2	463.91	463.21	462.08	463.07	0.20	ppb
Iron	54-2	460.35	454.97	462.50	459.28	0.84	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BS	Instrumnet Name :	P7
Client Sample ID :	LCS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:48:51	DataFile Name :	149LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.15	2.16	2.16	2.15	0.35	ppb
Lead	207-1	2.12	2.18	2.10	2.14	1.88	ppb
Lead	208-1	2.13	2.16	2.14	2.14	0.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	1097.65	1086.18	1094.80	1092.87	0.55	ppb
Manganese	55-2	2.15	2.20	2.15	2.17	1.30	ppb
Molybdenum	94-1	12.36	12.11	12.17	12.22	1.06	ppb
Molybdenum	95-1	10.38	10.15	10.31	10.28	1.13	ppb
Molybdenum	96-1	10.42	10.41	10.48	10.44	0.37	ppb
Molybdenum	97-1	10.35	10.27	10.38	10.33	0.54	ppb
Molybdenum	98-1	10.47	10.28	10.34	10.36	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.30	2.30	2.28	1.61	ppb
Phosphorus	31-2	-19.04	-20.61	-19.72	-19.79		ppb
Potassium	39-2	1065.14	1063.93	1080.15	1069.74	0.84	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	11.52	10.90	10.99	11.14	3.04	ppb
Selenium	77-2	9.73	11.59	10.10	10.47	9.41	ppb
Selenium	78-2	10.47	10.69	10.40	10.52	1.43	ppb
Silicon	28-1	1.32	-0.12	-0.74	0.16	679.71	ppb
Silver	107-1	2.20	2.22	2.23	2.22	0.66	ppb
Silver	109-1	2.21	2.20	2.27	2.23	1.61	ppb
Sodium	23-2	1051.72	1028.04	1031.17	1036.98	1.24	ppb
Strontium	86-1	52.67	52.56	51.83	52.36	0.87	ppb
Strontium	88-1	53.65	52.19	53.03	52.95	1.39	ppb
Sulfur	34-1	-66.66	-164.54	-172.68	-134.63		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	2.06	2.13	2.09	2.09	1.74	ppb
Thallium	205-1	2.10	2.10	2.09	2.10	0.24	ppb
Tin	118-1	0.01	0.01	0.01	0.01	17.85	ppb
Titanium	47-1	10.20	10.11	10.31	10.21	0.97	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BS	Instrumnet Name :	P7
Client Sample ID :	LCS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:48:51	DataFile Name :	149LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.98	1.96	1.99	1.97	0.62	ppb
Vanadium	51-2	10.68	10.44	10.55	10.56	1.17	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	11.77	11.49	11.59	11.62	1.24	ppb
Zirconium	90-1	2.14	2.10	2.12	2.12	1.04	ppb
Zirconium	91-1	2.15	2.08	2.08	2.10	2.01	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:52:03	DataFile Name :	150LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.11	20.27	19.73	20.37	3.43	ppb
Antimony	121-1	2.10	2.17	2.22	2.17	2.77	ppb
Arsenic	75-2	1.10	1.04	1.10	1.08	3.52	ppb
Barium	135-1	10.40	10.57	10.69	10.55	1.38	ppb
Barium	137-1	10.50	10.54	10.77	10.60	1.35	ppb
Beryllium	9-1	1.01	1.03	1.02	1.02	0.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.16	0.98	1.14	1.09	9.32	ppb
Cadmium	106-1	1.83	1.74	1.12	1.56	24.93	ppb
Cadmium	111-1	1.20	1.21	1.15	1.19	2.58	ppb
Calcium	43-1	527.79	530.58	532.94	530.44	0.49	ppb
Calcium	44-1	531.09	526.24	525.09	527.47	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	2.10	2.16	2.13	1.57	ppb
Cobalt	59-2	1.12	1.09	1.10	1.11	1.28	ppb
Copper	63-2	2.23	2.21	2.19	2.21	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	227.77	222.29	222.65	224.24	1.37	ppb
Iron	57-2	230.73	229.34	226.41	228.83	0.97	ppb
Iron	54-2	233.79	225.66	228.44	229.30	1.80	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:52:03	DataFile Name :	150LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.08	1.09	1.04	1.07	2.66	ppb
Lead	207-1	1.07	1.05	1.06	1.06	0.79	ppb
Lead	208-1	1.06	1.07	1.03	1.05	1.79	ppb
Lithium	6-1				99		%
Magnesium	24-2	550.33	546.93	539.88	545.71	0.98	ppb
Manganese	55-2	1.12	1.03	1.10	1.08	4.58	ppb
Molybdenum	94-1	5.82	5.89	6.02	5.91	1.69	ppb
Molybdenum	95-1	5.00	5.11	5.02	5.04	1.11	ppb
Molybdenum	96-1	5.09	5.15	5.20	5.14	1.05	ppb
Molybdenum	97-1	4.98	5.05	5.14	5.05	1.57	ppb
Molybdenum	98-1	5.03	5.08	5.07	5.06	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.10	1.15	1.12	2.49	ppb
Phosphorus	31-2	-18.41	-19.26	-21.21	-19.63		ppb
Potassium	39-2	559.40	549.49	544.58	551.16	1.37	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	5.55	5.59	5.73	5.62	1.66	ppb
Selenium	77-2	5.38	5.14	5.27	5.26	2.28	ppb
Selenium	78-2	4.20	5.82	6.14	5.39	19.29	ppb
Silicon	28-1	-2.14	-3.24	-2.66	-2.68		ppb
Silver	107-1	1.07	1.12	1.11	1.10	2.49	ppb
Silver	109-1	1.10	1.10	1.12	1.10	0.91	ppb
Sodium	23-2	493.53	485.96	484.83	488.10	0.97	ppb
Strontium	86-1	24.70	25.43	25.42	25.18	1.66	ppb
Strontium	88-1	26.00	25.87	26.37	26.08	0.99	ppb
Sulfur	34-1	-192.59	-210.85	-218.62	-207.36		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1.01	1.03	1.05	1.03	2.22	ppb
Thallium	205-1	1.03	1.02	1.05	1.03	1.34	ppb
Tin	118-1	0.01	0.01	0.00	0.01	106.00	ppb
Titanium	47-1	5.17	5.06	5.13	5.12	1.07	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:52:03	DataFile Name :	150LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.95	0.97	0.96	1.23	ppb
Vanadium	51-2	5.32	5.19	5.24	5.25	1.23	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	5.99	5.71	5.69	5.79	2.89	ppb
Zirconium	90-1	1.02	1.03	1.06	1.04	2.11	ppb
Zirconium	91-1	1.07	1.02	1.06	1.05	2.17	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:55:19	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23997.88	24373.77	24565.95	24312.54	1.19	ppb
Antimony	121-1	1.30	1.40	1.37	1.36	3.57	ppb
Arsenic	75-2	71.24	70.66	70.09	70.66	0.82	ppb
Barium	135-1	313.84	317.81	316.52	316.06	0.64	ppb
Barium	137-1	313.25	320.75	316.06	316.68	1.20	ppb
Beryllium	9-1	0.82	0.77	0.88	0.82	6.54	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.56	1.47	1.43	1.48	4.41	ppb
Cadmium	106-1	2.32	1.59	1.68	1.86	21.27	ppb
Cadmium	111-1	1.17	1.14	1.13	1.15	1.65	ppb
Calcium	43-1	8275.41	8493.28	8474.71	8414.46	1.44	ppb
Calcium	44-1	8000.20	8235.25	8164.50	8133.32	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.70	70.17	70.20	70.03	0.40	ppb
Cobalt	59-2	33.61	33.53	33.55	33.57	0.13	ppb
Copper	63-2	193.08	195.36	193.72	194.05	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	65213.85	64838.77	64914.40	64989.01	0.31	ppb
Iron	57-2	63878.23	63819.95	64083.02	63927.07	0.22	ppb
Iron	54-2	64205.57	63780.48	63887.08	63957.71	0.35	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:55:19	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.84	45.67	45.29	45.27	0.92	ppb
Lead	207-1	43.43	44.79	45.06	44.43	1.97	ppb
Lead	208-1	43.78	44.84	44.73	44.45	1.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	13904.86	14194.30	14197.17	14098.77	1.19	ppb
Manganese	55-2	1781.06	1752.75	1759.50	1764.44	0.84	ppb
Molybdenum	94-1	10.12	10.51	10.31	10.31	1.87	ppb
Molybdenum	95-1	0.97	0.99	0.99	0.99	1.05	ppb
Molybdenum	96-1	2.27	2.27	2.36	2.30	2.29	ppb
Molybdenum	97-1	0.95	0.96	1.01	0.98	2.98	ppb
Molybdenum	98-1	0.93	1.00	0.98	0.97	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.28	58.53	58.68	58.50	0.35	ppb
Phosphorus	31-2	1806.25	1803.82	1787.17	1799.08	0.58	ppb
Potassium	39-2	7878.88	7833.00	7832.14	7848.00	0.34	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	1.28	0.98	1.00	1.08	15.55	ppb
Selenium	77-2	12.11	11.21	11.83	11.72	3.95	ppb
Selenium	78-2	3.27	2.80	2.66	2.91	11.03	ppb
Silicon	28-1	1735.15	1836.60	1748.83	1773.52	3.10	ppb
Silver	107-1	0.39	0.38	0.37	0.38	1.96	ppb
Silver	109-1	0.39	0.39	0.37	0.38	2.12	ppb
Sodium	23-2	137.58	134.67	135.64	135.96	1.09	ppb
Strontium	86-1	1014.91	1032.90	1050.60	1032.80	1.73	ppb
Strontium	88-1	1030.84	1055.14	1057.34	1047.77	1.40	ppb
Sulfur	34-1	-537.63	-676.84	-781.15	-665.21		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.26	0.25	0.23	0.25	4.86	ppb
Thallium	205-1	0.26	0.25	0.23	0.25	5.78	ppb
Tin	118-1	2.05	2.14	2.16	2.12	2.85	ppb
Titanium	47-1	512.64	528.32	519.36	520.11	1.51	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:55:19	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.61	0.59	0.59	2.88	ppb
Vanadium	51-2	90.44	90.63	91.65	90.91	0.71	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	222.07	221.87	223.28	222.41	0.34	ppb
Zirconium	90-1	5.20	5.45	5.52	5.39	3.10	ppb
Zirconium	91-1	5.31	5.41	5.62	5.45	2.89	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:58:22	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25207.60	24946.41	25367.09	25173.70	0.84	ppb
Antimony	121-1	1.41	1.41	1.41	1.41	0.12	ppb
Arsenic	75-2	72.01	72.75	73.77	72.84	1.21	ppb
Barium	135-1	319.81	324.75	322.73	322.43	0.77	ppb
Barium	137-1	323.49	326.80	327.59	325.96	0.67	ppb
Beryllium	9-1	0.88	0.91	0.86	0.88	2.67	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.64	1.75	1.61	10.41	ppb
Cadmium	106-1	1.28	1.76	0.75	1.27	40.06	ppb
Cadmium	111-1	1.13	1.18	1.07	1.13	4.74	ppb
Calcium	43-1	8561.19	8876.94	8788.97	8742.37	1.86	ppb
Calcium	44-1	8259.29	8480.35	8433.92	8391.19	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.20	72.61	72.92	72.24	1.26	ppb
Cobalt	59-2	34.90	35.48	36.03	35.47	1.59	ppb
Copper	63-2	202.79	210.51	208.49	207.26	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	66869.62	67097.74	68369.29	67445.55	1.20	ppb
Iron	57-2	65049.30	66411.31	67913.49	66458.04	2.16	ppb
Iron	54-2	66292.27	67120.85	67767.86	67060.32	1.10	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:58:22	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.62	48.67	48.87	48.39	1.39	ppb
Lead	207-1	46.32	47.53	47.41	47.09	1.42	ppb
Lead	208-1	46.57	47.51	47.63	47.24	1.22	ppb
Lithium	6-1				90		%
Magnesium	24-2	14358.06	14557.49	14909.61	14608.39	1.91	ppb
Manganese	55-2	1817.67	1864.96	1876.68	1853.10	1.69	ppb
Molybdenum	94-1	10.51	10.60	10.61	10.57	0.53	ppb
Molybdenum	95-1	1.02	1.01	1.04	1.02	1.72	ppb
Molybdenum	96-1	2.37	2.42	2.39	2.39	1.07	ppb
Molybdenum	97-1	1.05	1.04	1.05	1.05	0.54	ppb
Molybdenum	98-1	1.03	1.02	1.05	1.03	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.39	61.49	62.12	61.33	1.43	ppb
Phosphorus	31-2	1797.44	1776.85	1862.80	1812.36	2.48	ppb
Potassium	39-2	8016.65	8064.04	8280.29	8120.33	1.73	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	1.19	1.24	0.77	1.07	23.93	ppb
Selenium	77-2	12.31	11.76	13.02	12.36	5.13	ppb
Selenium	78-2	2.85	3.15	3.59	3.20	11.66	ppb
Silicon	28-1	1736.99	1777.69	1756.85	1757.17	1.16	ppb
Silver	107-1	0.37	0.38	0.37	0.37	0.91	ppb
Silver	109-1	0.38	0.38	0.36	0.37	2.24	ppb
Sodium	23-2	137.22	142.15	144.61	141.33	2.66	ppb
Strontium	86-1	1075.07	1095.98	1090.23	1087.09	0.99	ppb
Strontium	88-1	1092.12	1123.08	1106.15	1107.12	1.40	ppb
Sulfur	34-1	-949.33	-957.88	-1052.06	-986.43		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.22	0.22	0.23	0.22	0.68	ppb
Thallium	205-1	0.22	0.23	0.22	0.22	1.03	ppb
Tin	118-1	2.08	2.10	2.16	2.11	2.10	ppb
Titanium	47-1	512.80	529.44	531.16	524.47	1.93	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:58:22	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.63	0.62	0.62	2.31	ppb
Vanadium	51-2	93.50	94.96	95.91	94.79	1.28	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	229.45	234.68	237.69	233.94	1.78	ppb
Zirconium	90-1	5.50	5.59	5.79	5.63	2.69	ppb
Zirconium	91-1	5.53	5.71	5.55	5.60	1.80	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:01:27	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4994.65	5099.41	5092.91	5062.33	1.16	ppb
Antimony	121-1	0.27	0.27	0.27	0.27	0.36	ppb
Arsenic	75-2	14.53	14.59	14.52	14.55	0.25	ppb
Barium	135-1	61.58	62.73	63.35	62.55	1.43	ppb
Barium	137-1	61.42	63.65	63.41	62.83	1.95	ppb
Beryllium	9-1	0.17	0.19	0.17	0.18	4.65	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.35	0.30	0.32	9.21	ppb
Cadmium	106-1	0.31	-0.70	-0.50	-0.30		ppb
Cadmium	111-1	0.22	0.18	0.16	0.19	16.22	ppb
Calcium	43-1	1682.14	1735.78	1783.70	1733.88	2.93	ppb
Calcium	44-1	1621.03	1684.08	1723.20	1676.11	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.43	14.63	14.81	14.62	1.30	ppb
Cobalt	59-2	6.91	7.06	7.04	7.00	1.20	ppb
Copper	63-2	40.35	41.00	40.77	40.71	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				115		%
Indium	115-2				107		%
Iron	56-2	13363.85	13558.07	13463.13	13461.68	0.72	ppb
Iron	57-2	13237.28	13223.54	13399.89	13286.90	0.74	ppb
Iron	54-2	13255.83	13424.24	13316.79	13332.28	0.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:01:27	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.96	9.31	9.23	9.17	1.97	ppb
Lead	207-1	8.72	8.97	9.01	8.90	1.77	ppb
Lead	208-1	8.76	9.02	9.08	8.95	1.92	ppb
Lithium	6-1				92		%
Magnesium	24-2	2899.00	2941.02	2956.29	2932.10	1.01	ppb
Manganese	55-2	362.59	372.02	365.89	366.83	1.30	ppb
Molybdenum	94-1	2.05	2.10	2.86	2.33	19.62	ppb
Molybdenum	95-1	0.20	0.20	0.20	0.20	1.26	ppb
Molybdenum	96-1	0.45	0.46	0.48	0.46	3.15	ppb
Molybdenum	97-1	0.21	0.22	0.20	0.21	3.03	ppb
Molybdenum	98-1	0.21	0.21	0.20	0.21	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.16	12.24	12.32	12.24	0.65	ppb
Phosphorus	31-2	348.13	349.89	354.69	350.90	0.97	ppb
Potassium	39-2	1637.36	1613.47	1608.14	1619.66	0.96	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.35	0.40	0.31	0.35	12.81	ppb
Selenium	77-2	2.55	2.38	2.39	2.44	3.72	ppb
Selenium	78-2	0.85	0.38	0.75	0.66	37.16	ppb
Silicon	28-1	329.46	350.59	351.89	343.98	3.66	ppb
Silver	107-1	0.07	0.08	0.07	0.07	5.28	ppb
Silver	109-1	0.08	0.08	0.07	0.08	2.46	ppb
Sodium	23-2	32.13	32.61	33.57	32.77	2.24	ppb
Strontium	86-1	212.04	216.26	214.79	214.37	1.00	ppb
Strontium	88-1	214.90	215.16	217.99	216.02	0.79	ppb
Sulfur	34-1	-1422.94	-1359.69	-1328.29	-1370.30		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.05	0.06	0.05	0.05	3.86	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.98	ppb
Tin	118-1	0.42	0.42	0.41	0.42	0.42	ppb
Titanium	47-1	99.86	104.44	106.26	103.52	3.18	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:01:27	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.12	0.12	0.12	1.37	ppb
Vanadium	51-2	18.72	18.97	18.95	18.88	0.75	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	46.90	47.16	47.32	47.12	0.45	ppb
Zirconium	90-1	1.08	1.08	1.13	1.10	2.87	ppb
Zirconium	91-1	1.06	1.10	1.10	1.09	2.09	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:04:36	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26280.22	25617.56	25523.72	25807.17	1.60	ppb
Antimony	121-1	67.46	69.18	67.00	67.88	1.69	ppb
Arsenic	75-2	94.47	95.63	95.49	95.20	0.66	ppb
Barium	135-1	1672.77	1687.69	1628.21	1662.89	1.86	ppb
Barium	137-1	1653.09	1690.18	1641.77	1661.68	1.52	ppb
Beryllium	9-1	33.14	34.94	34.51	34.20	2.76	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	30.86	31.89	31.40	31.38	1.64	ppb
Cadmium	106-1	31.38	31.25	30.48	31.04	1.57	ppb
Cadmium	111-1	34.62	35.27	34.74	34.88	1.00	ppb
Calcium	43-1	8449.27	8528.80	8375.73	8451.27	0.91	ppb
Calcium	44-1	8252.37	8151.08	8112.82	8172.09	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	213.95	215.26	210.27	213.16	1.21	ppb
Cobalt	59-2	386.86	390.22	380.47	385.85	1.28	ppb
Copper	63-2	370.09	375.59	363.72	369.80	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	68446.47	68691.14	66086.67	67741.43	2.12	ppb
Iron	57-2	66308.38	66785.58	65614.31	66236.09	0.89	ppb
Iron	54-2	67004.66	66917.84	64538.53	66153.68	2.12	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:04:36	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.81	58.06	60.50	59.12	2.12	ppb
Lead	207-1	57.66	56.36	58.42	57.48	1.81	ppb
Lead	208-1	58.17	57.10	58.93	58.06	1.58	ppb
Lithium	6-1				88		%
Magnesium	24-2	14448.90	14350.10	14180.09	14326.36	0.95	ppb
Manganese	55-2	2188.16	2207.66	2114.01	2169.94	2.28	ppb
Molybdenum	94-1	10.27	10.38	10.32	10.32	0.53	ppb
Molybdenum	95-1	1.00	0.99	1.02	1.00	1.26	ppb
Molybdenum	96-1	2.31	2.33	2.34	2.33	0.68	ppb
Molybdenum	97-1	0.98	0.98	0.98	0.98	0.47	ppb
Molybdenum	98-1	0.99	0.98	0.98	0.98	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	422.29	424.35	408.98	418.54	1.99	ppb
Phosphorus	31-2	1826.00	1801.99	1764.93	1797.64	1.71	ppb
Potassium	39-2	7973.41	7998.58	7775.29	7915.76	1.55	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	76.68	76.37	75.82	76.29	0.57	ppb
Selenium	77-2	89.66	86.25	85.40	87.10	2.59	ppb
Selenium	78-2	78.68	75.42	77.25	77.12	2.12	ppb
Silicon	28-1	1745.84	1748.55	1698.02	1730.80	1.64	ppb
Silver	107-1	28.32	28.84	28.39	28.51	1.00	ppb
Silver	109-1	28.59	29.24	28.55	28.79	1.35	ppb
Sodium	23-2	140.68	139.13	135.57	138.46	1.89	ppb
Strontium	86-1	1043.65	1041.50	1040.17	1041.77	0.17	ppb
Strontium	88-1	1069.09	1056.25	1049.48	1058.27	0.94	ppb
Sulfur	34-1	-1174.75	-1151.55	-1231.80	-1186.03		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	32.91	32.34	33.71	32.99	2.08	ppb
Thallium	205-1	32.95	32.30	33.12	32.79	1.33	ppb
Tin	118-1	2.07	2.10	2.08	2.09	0.79	ppb
Titanium	47-1	521.22	517.57	509.43	516.08	1.17	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:04:36	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.58	0.60	0.59	1.82	ppb
Vanadium	51-2	439.45	440.04	428.55	436.02	1.48	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	581.76	576.72	567.40	575.29	1.27	ppb
Zirconium	90-1	5.39	5.52	5.38	5.43	1.43	ppb
Zirconium	91-1	5.47	5.44	5.45	5.45	0.22	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:07:35	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29863.46	30300.87	28852.48	29672.27	2.50	ppb
Antimony	121-1	296.02	304.60	305.56	302.06	1.74	ppb
Arsenic	75-2	186.15	185.16	188.04	186.45	0.79	ppb
Barium	135-1	5857.29	6088.20	6005.17	5983.55	1.95	ppb
Barium	137-1	5830.25	6004.77	6008.31	5947.78	1.71	ppb
Beryllium	9-1	142.15	135.23	140.39	139.26	2.58	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.09	139.01	141.05	139.38	1.09	ppb
Cadmium	106-1	133.13	137.35	138.00	136.16	1.94	ppb
Cadmium	111-1	152.95	155.76	157.84	155.51	1.58	ppb
Calcium	43-1	8292.38	8494.87	8402.17	8396.47	1.21	ppb
Calcium	44-1	7975.97	8154.11	8097.64	8075.91	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	673.84	674.52	648.98	665.78	2.19	ppb
Cobalt	59-2	1547.76	1572.55	1500.30	1540.21	2.38	ppb
Copper	63-2	920.81	940.39	891.70	917.63	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				103		%
Iron	56-2	70240.71	71178.73	67192.11	69537.18	3.00	ppb
Iron	57-2	69147.48	70535.92	67130.04	68937.82	2.48	ppb
Iron	54-2	69202.99	70729.21	66913.82	68948.67	2.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:07:35	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	107.19	108.73	110.86	108.93	1.69	ppb
Lead	207-1	103.27	104.19	105.84	104.43	1.25	ppb
Lead	208-1	104.40	106.61	107.24	106.09	1.41	ppb
Lithium	6-1				87		%
Magnesium	24-2	14499.13	14486.89	13779.93	14255.32	2.89	ppb
Manganese	55-2	3236.81	3290.65	3158.22	3228.56	2.06	ppb
Molybdenum	94-1	10.15	10.27	10.46	10.29	1.52	ppb
Molybdenum	95-1	1.00	1.04	1.04	1.02	2.07	ppb
Molybdenum	96-1	2.33	2.32	2.37	2.34	1.22	ppb
Molybdenum	97-1	0.98	1.01	1.04	1.01	2.75	ppb
Molybdenum	98-1	1.03	1.03	1.04	1.03	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1583.38	1627.29	1522.12	1577.60	3.35	ppb
Phosphorus	31-2	1771.87	1807.21	1775.73	1784.94	1.09	ppb
Potassium	39-2	7944.40	7977.18	7728.52	7883.37	1.71	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	288.42	289.65	291.35	289.81	0.51	ppb
Selenium	77-2	301.25	299.60	296.44	299.09	0.82	ppb
Selenium	78-2	286.44	292.91	292.61	290.65	1.26	ppb
Silicon	28-1	1660.82	1723.30	1678.15	1687.43	1.91	ppb
Silver	107-1	116.87	118.96	118.25	118.03	0.90	ppb
Silver	109-1	117.69	119.87	120.18	119.24	1.14	ppb
Sodium	23-2	142.16	145.42	139.36	142.32	2.13	ppb
Strontium	86-1	1037.14	1047.39	1047.58	1044.04	0.57	ppb
Strontium	88-1	1040.58	1055.27	1073.25	1056.37	1.55	ppb
Sulfur	34-1	-1187.59	-1181.09	-1210.48	-1193.05		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	152.09	150.52	152.77	151.79	0.76	ppb
Thallium	205-1	151.85	150.83	154.79	152.49	1.35	ppb
Tin	118-1	1.99	2.07	2.09	2.05	2.64	ppb
Titanium	47-1	505.85	520.64	516.36	514.28	1.48	ppb

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:07:35	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.60	0.59	0.59	3.02	ppb
Vanadium	51-2	1549.43	1551.88	1484.11	1528.48	2.51	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	1746.65	1734.39	1682.44	1721.16	1.98	ppb
Zirconium	90-1	5.49	5.38	5.45	5.44	1.10	ppb
Zirconium	91-1	5.35	5.51	5.40	5.42	1.53	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:10:26	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31828.94	32026.27	32753.38	32202.87	1.51	ppb
Antimony	121-1	1.42	1.37	1.37	1.39	2.14	ppb
Arsenic	75-2	81.84	82.38	83.38	82.53	0.94	ppb
Barium	135-1	430.61	429.81	414.95	425.12	2.07	ppb
Barium	137-1	421.24	421.20	408.06	416.83	1.82	ppb
Beryllium	9-1	1.11	1.17	1.21	1.16	4.18	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.81	0.87	0.86	0.85	3.53	ppb
Cadmium	106-1	1.02	0.84	0.20	0.69	62.96	ppb
Cadmium	111-1	0.39	0.37	0.31	0.36	11.99	ppb
Calcium	43-1	16840.53	17191.48	17208.28	17080.10	1.22	ppb
Calcium	44-1	17252.22	17299.62	17357.09	17302.98	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.54	89.29	91.18	90.34	1.06	ppb
Cobalt	59-2	42.36	41.78	42.84	42.33	1.26	ppb
Copper	63-2	123.82	120.11	122.30	122.08	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	78003.54	74917.09	77440.42	76787.02	2.14	ppb
Iron	57-2	76495.50	74826.69	76841.20	76054.46	1.42	ppb
Iron	54-2	76286.47	75021.88	76352.67	75887.00	0.99	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:10:26	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.21	22.81	22.74	22.58	1.45	ppb
Lead	207-1	20.90	21.21	21.40	21.17	1.20	ppb
Lead	208-1	21.35	21.67	21.74	21.59	0.96	ppb
Lithium	6-1				82		%
Magnesium	24-2	18075.43	17991.53	18476.50	18181.15	1.43	ppb
Manganese	55-2	2116.02	2073.23	2132.29	2107.18	1.45	ppb
Molybdenum	94-1	10.70	10.87	11.17	10.91	2.20	ppb
Molybdenum	95-1	1.04	1.03	1.04	1.03	0.56	ppb
Molybdenum	96-1	2.43	2.48	2.51	2.47	1.63	ppb
Molybdenum	97-1	1.02	1.04	1.04	1.03	1.00	ppb
Molybdenum	98-1	0.99	1.00	1.00	0.99	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.44	81.01	83.45	82.63	1.70	ppb
Phosphorus	31-2	1514.25	1486.79	1498.89	1499.98	0.92	ppb
Potassium	39-2	5461.57	5360.37	5432.86	5418.27	0.96	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.64	1.08	0.96	0.89	25.46	ppb
Selenium	77-2	15.51	15.31	13.66	14.82	6.86	ppb
Selenium	78-2	3.81	3.84	2.24	3.30	27.77	ppb
Silicon	28-1	1729.23	1747.45	1749.95	1742.21	0.65	ppb
Silver	107-1	0.15	0.14	0.13	0.14	9.92	ppb
Silver	109-1	0.16	0.14	0.13	0.14	11.01	ppb
Sodium	23-2	145.07	141.91	145.16	144.05	1.29	ppb
Strontium	86-1	1552.21	1551.94	1595.60	1566.58	1.60	ppb
Strontium	88-1	1580.54	1595.88	1618.05	1598.16	1.18	ppb
Sulfur	34-1	-1070.96	-1124.98	-1088.48	-1094.81		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.25	0.25	0.24	0.24	0.93	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	0.66	ppb
Tin	118-1	2.25	2.27	2.21	2.24	1.46	ppb
Titanium	47-1	518.43	520.62	520.49	519.85	0.24	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:10:26	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.76	0.78	0.77	2.11	ppb
Vanadium	51-2	113.01	111.17	114.34	112.84	1.41	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	171.65	167.23	172.50	170.46	1.66	ppb
Zirconium	90-1	5.66	5.74	5.82	5.74	1.35	ppb
Zirconium	91-1	5.68	5.66	5.83	5.73	1.62	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:13:34	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34784.42	35021.66	35318.39	35041.49	0.76	ppb
Antimony	121-1	5.92	5.94	5.91	5.93	0.26	ppb
Arsenic	75-2	91.02	90.90	89.30	90.41	1.07	ppb
Barium	135-1	589.29	584.73	582.41	585.48	0.60	ppb
Barium	137-1	580.69	582.88	571.78	578.45	1.02	ppb
Beryllium	9-1	1.23	1.26	1.23	1.24	1.35	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.00	0.87	0.95	7.77	ppb
Cadmium	106-1	1.02	0.57	-0.12	0.49	117.01	ppb
Cadmium	111-1	0.39	0.35	0.31	0.35	11.91	ppb
Calcium	43-1	18619.42	18112.94	18453.33	18395.23	1.40	ppb
Calcium	44-1	18431.80	18250.30	18508.60	18396.90	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.14	95.96	96.77	95.96	0.85	ppb
Cobalt	59-2	48.90	49.05	49.70	49.22	0.87	ppb
Copper	63-2	134.76	134.09	133.99	134.28	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	83946.03	85769.62	86652.62	85456.09	1.62	ppb
Iron	57-2	83627.56	84232.80	84744.76	84201.71	0.66	ppb
Iron	54-2	84284.84	83777.69	84182.00	84081.51	0.32	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:13:34	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.37	26.45	25.83	26.22	1.28	ppb
Lead	207-1	24.74	24.68	24.42	24.61	0.68	ppb
Lead	208-1	25.25	25.30	24.86	25.14	0.96	ppb
Lithium	6-1				81		%
Magnesium	24-2	19748.89	19582.06	19962.52	19764.49	0.96	ppb
Manganese	55-2	2711.63	2724.40	2734.35	2723.46	0.42	ppb
Molybdenum	94-1	11.53	11.85	11.67	11.68	1.37	ppb
Molybdenum	95-1	1.13	1.20	1.17	1.17	3.10	ppb
Molybdenum	96-1	2.75	2.75	2.79	2.76	0.80	ppb
Molybdenum	97-1	1.16	1.19	1.15	1.16	1.96	ppb
Molybdenum	98-1	1.14	1.13	1.13	1.14	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.38	88.02	89.48	88.63	0.86	ppb
Phosphorus	31-2	1745.07	1743.65	1759.23	1749.32	0.49	ppb
Potassium	39-2	6030.19	6053.31	6179.56	6087.69	1.32	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.99	0.73	0.66	0.79	21.70	ppb
Selenium	77-2	15.29	13.02	16.55	14.95	11.95	ppb
Selenium	78-2	3.80	3.40	3.50	3.57	5.87	ppb
Silicon	28-1	2052.50	1990.66	2016.43	2019.86	1.54	ppb
Silver	107-1	0.13	0.13	0.12	0.13	2.23	ppb
Silver	109-1	0.13	0.12	0.12	0.13	4.12	ppb
Sodium	23-2	158.45	160.27	161.88	160.20	1.07	ppb
Strontium	86-1	1700.31	1724.91	1719.96	1715.06	0.76	ppb
Strontium	88-1	1740.42	1759.75	1746.72	1748.96	0.56	ppb
Sulfur	34-1	-1065.07	-1155.32	-1133.17	-1117.85		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.25	0.24	0.24	0.25	3.50	ppb
Thallium	205-1	0.25	0.25	0.24	0.25	1.37	ppb
Tin	118-1	2.45	2.47	2.45	2.46	0.61	ppb
Titanium	47-1	563.38	561.63	566.89	563.97	0.48	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:13:34	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.86	0.84	0.85	1.53	ppb
Vanadium	51-2	124.54	124.39	126.65	125.19	1.01	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	190.44	190.01	192.41	190.96	0.67	ppb
Zirconium	90-1	6.09	6.15	6.16	6.14	0.60	ppb
Zirconium	91-1	6.05	6.18	6.09	6.11	1.14	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:16:36	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6936.90	6905.36	6728.64	6856.97	1.64	ppb
Antimony	121-1	0.25	0.25	0.25	0.25	1.31	ppb
Arsenic	75-2	17.67	17.28	17.76	17.57	1.44	ppb
Barium	135-1	84.41	85.58	84.44	84.81	0.79	ppb
Barium	137-1	84.21	84.31	84.60	84.38	0.24	ppb
Beryllium	9-1	0.25	0.25	0.20	0.23	12.59	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.25	0.17	0.19	0.20	21.45	ppb
Cadmium	106-1	-0.97	-1.01	-0.70	-0.89		ppb
Cadmium	111-1	-0.01	0.01	0.01	0.00	224.44	ppb
Calcium	43-1	3722.34	3774.82	3791.32	3762.83	0.96	ppb
Calcium	44-1	3614.50	3623.11	3666.80	3634.80	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.07	18.86	18.63	18.86	1.16	ppb
Cobalt	59-2	9.12	8.80	8.61	8.84	2.90	ppb
Copper	63-2	26.27	25.91	25.36	25.85	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	16288.72	16244.51	15890.55	16141.26	1.35	ppb
Iron	57-2	16424.99	15833.25	15404.54	15887.59	3.23	ppb
Iron	54-2	16270.21	15811.15	15943.45	16008.27	1.48	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:16:36	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.48	4.54	4.59	4.53	1.24	ppb
Lead	207-1	4.22	4.25	4.31	4.26	1.13	ppb
Lead	208-1	4.30	4.36	4.41	4.35	1.24	ppb
Lithium	6-1				87		%
Magnesium	24-2	3915.46	3893.44	3742.54	3850.48	2.44	ppb
Manganese	55-2	455.68	448.40	450.49	451.53	0.83	ppb
Molybdenum	94-1	2.27	2.27	2.32	2.29	1.16	ppb
Molybdenum	95-1	0.21	0.23	0.21	0.22	4.22	ppb
Molybdenum	96-1	0.52	0.51	0.50	0.51	2.12	ppb
Molybdenum	97-1	0.21	0.24	0.22	0.22	5.48	ppb
Molybdenum	98-1	0.22	0.21	0.20	0.21	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.54	17.91	17.64	18.03	2.55	ppb
Phosphorus	31-2	309.12	301.13	283.28	297.85	4.44	ppb
Potassium	39-2	1155.47	1165.11	1133.91	1151.50	1.39	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.26	0.08	0.32	0.22	57.46	ppb
Selenium	77-2	2.31	3.31	3.48	3.03	20.76	ppb
Selenium	78-2	0.83	0.27	1.03	0.71	55.83	ppb
Silicon	28-1	362.46	355.61	363.94	360.67	1.23	ppb
Silver	107-1	0.03	0.03	0.02	0.03	7.03	ppb
Silver	109-1	0.03	0.03	0.02	0.03	3.56	ppb
Sodium	23-2	41.67	39.98	39.28	40.31	3.04	ppb
Strontium	86-1	333.54	328.91	326.91	329.79	1.03	ppb
Strontium	88-1	332.36	332.78	328.94	331.36	0.64	ppb
Sulfur	34-1	-1346.62	-1352.43	-1305.20	-1334.75		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.05	0.05	0.05	0.05	2.42	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.19	ppb
Tin	118-1	0.44	0.41	0.42	0.42	2.90	ppb
Titanium	47-1	105.68	107.03	108.68	107.13	1.40	ppb

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:16:36	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.15	0.15	0.15	0.53	ppb
Vanadium	51-2	24.12	23.49	23.44	23.69	1.60	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	36.78	37.03	35.74	36.52	1.87	ppb
Zirconium	90-1	1.19	1.20	1.19	1.19	0.44	ppb
Zirconium	91-1	1.21	1.20	1.16	1.19	2.17	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:19:48	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33422.16	32899.32	33357.38	33226.28	0.86	ppb
Antimony	121-1	69.87	70.14	70.30	70.10	0.31	ppb
Arsenic	75-2	107.81	108.06	106.75	107.54	0.64	ppb
Barium	135-1	1831.36	1785.15	1806.21	1807.57	1.28	ppb
Barium	137-1	1820.92	1805.64	1799.84	1808.80	0.60	ppb
Beryllium	9-1	36.83	35.71	37.10	36.55	2.02	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.13	31.42	33.05	32.20	2.54	ppb
Cadmium	106-1	31.42	31.82	31.46	31.57	0.70	ppb
Cadmium	111-1	35.39	35.13	35.92	35.48	1.14	ppb
Calcium	43-1	17349.63	17276.37	17420.40	17348.80	0.42	ppb
Calcium	44-1	17052.24	16855.79	17081.14	16996.39	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230.04	231.83	232.89	231.58	0.62	ppb
Cobalt	59-2	410.37	391.34	389.94	397.22	2.87	ppb
Copper	63-2	291.20	289.31	289.08	289.87	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	79627.98	79492.34	77312.87	78811.06	1.65	ppb
Iron	57-2	78635.76	75577.51	77056.69	77089.99	1.98	ppb
Iron	54-2	77565.20	76993.64	77354.07	77304.31	0.37	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:19:48	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.60	36.36	37.21	36.72	1.19	ppb
Lead	207-1	34.30	34.64	35.17	34.70	1.25	ppb
Lead	208-1	35.19	35.26	36.04	35.49	1.33	ppb
Lithium	6-1				81		%
Magnesium	24-2	18144.11	17922.84	18291.23	18119.39	1.02	ppb
Manganese	55-2	2598.05	2587.46	2545.68	2577.06	1.07	ppb
Molybdenum	94-1	10.80	10.82	10.92	10.85	0.61	ppb
Molybdenum	95-1	1.03	1.02	1.04	1.03	0.92	ppb
Molybdenum	96-1	2.49	2.49	2.50	2.49	0.32	ppb
Molybdenum	97-1	1.02	1.00	1.03	1.02	1.48	ppb
Molybdenum	98-1	1.04	1.00	1.04	1.02	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	452.71	441.13	444.68	446.18	1.33	ppb
Phosphorus	31-2	1532.57	1508.78	1510.40	1517.25	0.88	ppb
Potassium	39-2	5435.34	5405.96	5378.63	5406.64	0.52	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	49.58	49.45	49.66	49.56	0.21	ppb
Selenium	77-2	63.92	61.90	59.62	61.81	3.48	ppb
Selenium	78-2	50.23	50.17	50.08	50.16	0.15	ppb
Silicon	28-1	1765.07	1732.97	1759.83	1752.62	0.98	ppb
Silver	107-1	28.48	28.14	28.61	28.41	0.86	ppb
Silver	109-1	28.85	28.69	28.83	28.79	0.30	ppb
Sodium	23-2	143.10	144.41	142.37	143.29	0.72	ppb
Strontium	86-1	1551.02	1547.62	1559.14	1552.59	0.38	ppb
Strontium	88-1	1568.48	1574.97	1592.31	1578.59	0.78	ppb
Sulfur	34-1	-1140.39	-1184.77	-1164.31	-1163.16		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	34.18	34.24	35.08	34.50	1.46	ppb
Thallium	205-1	35.34	34.40	34.96	34.90	1.35	ppb
Tin	118-1	2.20	2.19	2.22	2.20	0.79	ppb
Titanium	47-1	509.35	507.74	522.19	513.10	1.54	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:19:48	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.76	0.78	0.77	1.71	ppb
Vanadium	51-2	449.22	452.24	448.85	450.11	0.41	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	517.23	514.64	509.82	513.90	0.73	ppb
Zirconium	90-1	5.65	5.61	5.71	5.66	0.89	ppb
Zirconium	91-1	5.70	5.78	5.73	5.73	0.70	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:22:46	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36709.54	36168.04	36602.25	36493.28	0.79	ppb
Antimony	121-1	334.22	305.83	291.62	310.56	6.98	ppb
Arsenic	75-2	191.50	194.02	192.08	192.53	0.68	ppb
Barium	135-1	6893.67	6304.02	5990.58	6396.09	7.17	ppb
Barium	137-1	6862.89	6230.18	5987.76	6360.28	7.10	ppb
Beryllium	9-1	159.10	148.32	142.33	149.91	5.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	153.45	139.53	135.48	142.82	6.60	ppb
Cadmium	106-1	150.40	137.31	132.58	140.10	6.59	ppb
Cadmium	111-1	168.96	155.46	149.85	158.09	6.21	ppb
Calcium	43-1	19848.38	17628.63	17423.25	18300.09	7.35	ppb
Calcium	44-1	19293.25	17067.50	16923.37	17761.37	7.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	664.73	656.41	658.43	659.86	0.66	ppb
Cobalt	59-2	1494.81	1506.33	1488.00	1496.38	0.62	ppb
Copper	63-2	809.84	824.38	804.09	812.77	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	79316.30	79155.59	78097.78	78856.56	0.84	ppb
Iron	57-2	77711.21	78048.45	77213.27	77657.64	0.54	ppb
Iron	54-2	78093.75	77539.35	77094.61	77575.91	0.65	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:22:46	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.11	85.01	81.97	87.03	7.26	ppb
Lead	207-1	89.46	81.04	78.61	83.04	6.85	ppb
Lead	208-1	91.34	82.16	80.12	84.54	7.07	ppb
Lithium	6-1				78		%
Magnesium	24-2	17727.67	17681.81	17936.40	17781.96	0.76	ppb
Manganese	55-2	3523.74	3480.10	3473.82	3492.55	0.78	ppb
Molybdenum	94-1	12.50	11.20	10.89	11.53	7.40	ppb
Molybdenum	95-1	1.20	1.07	1.03	1.10	7.85	ppb
Molybdenum	96-1	2.84	2.52	2.50	2.62	7.24	ppb
Molybdenum	97-1	1.15	1.02	0.99	1.05	8.40	ppb
Molybdenum	98-1	1.15	1.06	1.02	1.08	6.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1558.36	1547.99	1554.54	1553.63	0.34	ppb
Phosphorus	31-2	1440.99	1468.50	1449.64	1453.05	0.97	ppb
Potassium	39-2	5293.76	5366.48	5367.85	5342.70	0.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	342.52	303.91	298.38	314.94	7.64	ppb
Selenium	77-2	312.30	317.88	311.33	313.84	1.13	ppb
Selenium	78-2	295.62	304.72	289.12	296.49	2.64	ppb
Silicon	28-1	1958.03	1741.36	1688.97	1796.12	7.94	ppb
Silver	107-1	130.60	120.25	115.78	122.21	6.22	ppb
Silver	109-1	133.81	122.71	116.53	124.35	7.04	ppb
Sodium	23-2	143.36	143.99	143.45	143.60	0.24	ppb
Strontium	86-1	1722.31	1552.22	1526.19	1600.24	6.66	ppb
Strontium	88-1	1764.87	1572.58	1521.72	1619.72	7.92	ppb
Sulfur	34-1	-756.86	-1135.94	-1192.91	-1028.57		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	170.26	154.36	147.76	157.46	7.34	ppb
Thallium	205-1	168.89	152.06	147.31	156.09	7.27	ppb
Tin	118-1	2.47	2.26	2.15	2.29	6.88	ppb
Titanium	47-1	581.58	521.31	511.93	538.27	7.02	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:22:46	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.76	0.75	0.79	7.85	ppb
Vanadium	51-2	1507.60	1511.46	1499.70	1506.26	0.40	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	1617.21	1591.71	1598.36	1602.43	0.83	ppb
Zirconium	90-1	6.57	5.84	5.77	6.06	7.27	ppb
Zirconium	91-1	6.72	5.74	5.86	6.11	8.70	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-04	Instrumnet Name :	P7
Client Sample ID :	MYE5N5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:25:41	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35407.12	34754.96	35497.70	35219.93	1.15	ppb
Antimony	121-1	1.14	1.15	1.11	1.13	1.73	ppb
Arsenic	75-2	94.61	94.25	93.98	94.28	0.33	ppb
Barium	135-1	422.84	427.32	417.67	422.61	1.14	ppb
Barium	137-1	417.81	423.04	416.02	418.96	0.87	ppb
Beryllium	9-1	1.42	1.44	1.45	1.44	1.06	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.52	1.23	1.35	1.37	10.42	ppb
Cadmium	106-1	1.24	0.49	0.39	0.70	66.11	ppb
Cadmium	111-1	0.69	0.64	0.64	0.66	4.56	ppb
Calcium	43-1	9541.08	9564.96	9517.76	9541.26	0.25	ppb
Calcium	44-1	9225.39	9370.06	9285.39	9293.61	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.96	61.58	62.66	62.40	1.16	ppb
Cobalt	59-2	38.56	37.51	37.70	37.92	1.48	ppb
Copper	63-2	144.33	140.42	141.96	142.24	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	72617.13	71198.15	71044.40	71619.89	1.21	ppb
Iron	57-2	71660.92	69987.11	70218.06	70622.03	1.28	ppb
Iron	54-2	70982.99	69910.25	70163.07	70352.11	0.80	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-04	Instrumnet Name :	P7
Client Sample ID :	MYE5N5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:25:41	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.50	32.48	32.89	32.96	1.56	ppb
Lead	207-1	31.47	31.06	31.19	31.24	0.68	ppb
Lead	208-1	32.12	31.47	31.66	31.75	1.06	ppb
Lithium	6-1				80		%
Magnesium	24-2	17211.53	16925.88	17495.44	17210.95	1.65	ppb
Manganese	55-2	1897.93	1871.60	1886.69	1885.41	0.70	ppb
Molybdenum	94-1	15.61	15.62	15.73	15.65	0.44	ppb
Molybdenum	95-1	0.75	0.75	0.75	0.75	0.23	ppb
Molybdenum	96-1	2.71	2.66	2.66	2.68	0.98	ppb
Molybdenum	97-1	0.75	0.75	0.72	0.74	2.22	ppb
Molybdenum	98-1	0.71	0.70	0.73	0.71	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.29	62.77	64.21	63.75	1.34	ppb
Phosphorus	31-2	1631.31	1600.91	1647.88	1626.70	1.46	ppb
Potassium	39-2	6797.18	6712.16	6788.91	6766.08	0.69	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	0.47	0.13	0.44	0.35	54.12	ppb
Selenium	77-2	15.35	14.43	12.07	13.95	12.13	ppb
Selenium	78-2	3.88	3.49	3.52	3.63	6.01	ppb
Silicon	28-1	2110.50	2129.57	2096.60	2112.23	0.78	ppb
Silver	107-1	0.25	0.23	0.22	0.23	6.56	ppb
Silver	109-1	0.25	0.24	0.21	0.23	6.87	ppb
Sodium	23-2	117.91	115.35	117.54	116.93	1.18	ppb
Strontium	86-1	1496.27	1485.51	1488.13	1489.97	0.38	ppb
Strontium	88-1	1522.41	1516.87	1493.78	1511.02	1.00	ppb
Sulfur	34-1	-1200.70	-1257.69	-1294.90	-1251.10		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.56	0.54	0.56	0.55	1.61	ppb
Thallium	205-1	0.55	0.53	0.53	0.54	2.09	ppb
Tin	118-1	2.15	2.24	2.15	2.18	2.29	ppb
Titanium	47-1	513.05	526.53	513.25	517.61	1.49	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-04	Instrumnet Name :	P7
Client Sample ID :	MYE5N5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:25:41	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.82	0.81	0.82	0.82	ppb
Vanadium	51-2	119.30	116.43	118.25	117.99	1.23	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	202.89	199.24	200.31	200.81	0.93	ppb
Zirconium	90-1	8.61	8.60	8.59	8.60	0.15	ppb
Zirconium	91-1	8.55	8.60	8.65	8.60	0.54	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:28:45	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28497.35	28831.48	27578.78	28302.53	2.29	ppb
Antimony	121-1	2.39	2.45	2.40	2.41	1.44	ppb
Arsenic	75-2	85.79	84.59	84.24	84.87	0.96	ppb
Barium	135-1	405.72	410.48	397.18	404.46	1.67	ppb
Barium	137-1	393.77	405.08	400.28	399.71	1.42	ppb
Beryllium	9-1	1.09	1.12	1.15	1.12	2.43	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.16	2.20	2.17	2.17	0.90	ppb
Cadmium	106-1	1.25	1.55	1.18	1.33	14.93	ppb
Cadmium	111-1	1.69	1.73	1.74	1.72	1.45	ppb
Calcium	43-1	9035.34	9218.04	9238.02	9163.80	1.22	ppb
Calcium	44-1	8772.49	8921.68	8989.48	8894.55	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.49	57.79	56.22	57.17	1.46	ppb
Cobalt	59-2	35.57	35.35	35.12	35.35	0.64	ppb
Copper	63-2	223.65	224.48	217.36	221.83	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	56-2	73964.86	72679.78	72143.94	72929.53	1.28	ppb
Iron	57-2	72542.72	72346.44	71480.61	72123.26	0.78	ppb
Iron	54-2	73205.49	71725.47	71618.49	72183.15	1.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:28:45	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.44	88.27	88.51	87.74	1.29	ppb
Lead	207-1	84.66	85.82	86.08	85.52	0.88	ppb
Lead	208-1	85.10	86.34	86.86	86.10	1.05	ppb
Lithium	6-1				79		%
Magnesium	24-2	13671.57	13698.77	13248.72	13539.69	1.86	ppb
Manganese	55-2	1986.72	1938.48	1947.51	1957.57	1.31	ppb
Molybdenum	94-1	11.91	12.22	12.05	12.06	1.27	ppb
Molybdenum	95-1	1.21	1.22	1.21	1.21	0.74	ppb
Molybdenum	96-1	2.77	2.80	2.74	2.77	1.00	ppb
Molybdenum	97-1	1.17	1.21	1.20	1.19	1.70	ppb
Molybdenum	98-1	1.18	1.22	1.18	1.20	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.89	55.26	54.55	55.24	1.21	ppb
Phosphorus	31-2	1912.10	1926.39	1919.46	1919.32	0.37	ppb
Potassium	39-2	8156.75	8130.55	8084.08	8123.79	0.45	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	0.88	0.86	1.09	0.94	13.80	ppb
Selenium	77-2	13.32	14.39	13.41	13.71	4.32	ppb
Selenium	78-2	2.85	3.78	3.04	3.22	15.20	ppb
Silicon	28-1	1556.84	1590.65	1569.64	1572.38	1.09	ppb
Silver	107-1	0.40	0.43	0.41	0.41	3.95	ppb
Silver	109-1	0.42	0.42	0.40	0.41	2.60	ppb
Sodium	23-2	136.40	135.52	134.59	135.50	0.67	ppb
Strontium	86-1	1521.14	1564.09	1531.66	1538.96	1.45	ppb
Strontium	88-1	1542.02	1572.11	1539.93	1551.35	1.16	ppb
Sulfur	34-1	-1196.27	-1144.06	-1190.22	-1176.85		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.29	0.29	0.30	0.29	2.12	ppb
Thallium	205-1	0.29	0.29	0.29	0.29	0.39	ppb
Tin	118-1	3.08	3.11	3.05	3.08	1.04	ppb
Titanium	47-1	625.38	635.96	631.44	630.93	0.84	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:28:45	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.74	0.72	0.72	1.95	ppb
Vanadium	51-2	109.82	109.58	107.16	108.85	1.35	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	298.00	297.36	293.80	296.39	0.76	ppb
Zirconium	90-1	6.17	6.33	6.25	6.25	1.29	ppb
Zirconium	91-1	6.26	6.40	6.29	6.31	1.19	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:31:49	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40378.75	40071.74	39583.37	40011.29	1.00	ppb
Antimony	121-1	1.28	1.30	1.31	1.30	1.26	ppb
Arsenic	75-2	83.63	83.95	85.72	84.43	1.33	ppb
Barium	135-1	548.88	550.57	557.15	552.20	0.79	ppb
Barium	137-1	555.82	551.92	550.90	552.88	0.47	ppb
Beryllium	9-1	1.47	1.39	1.43	1.43	2.59	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.66	1.70	1.88	1.75	6.56	ppb
Cadmium	106-1	1.99	1.14	1.75	1.63	26.73	ppb
Cadmium	111-1	0.74	0.70	0.75	0.73	3.48	ppb
Calcium	43-1	22208.31	22474.01	22398.51	22360.28	0.61	ppb
Calcium	44-1	22182.89	21973.10	21794.57	21983.52	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.37	78.79	78.69	78.95	0.47	ppb
Cobalt	59-2	38.38	38.37	38.29	38.35	0.13	ppb
Copper	63-2	132.42	129.58	131.49	131.16	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	74890.65	74122.87	74036.83	74350.11	0.63	ppb
Iron	57-2	73490.98	73693.45	72410.48	73198.30	0.94	ppb
Iron	54-2	73867.53	72834.53	72928.31	73210.12	0.78	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:31:49	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.58	29.42	29.46	29.82	2.22	ppb
Lead	207-1	28.53	28.06	27.89	28.16	1.17	ppb
Lead	208-1	29.18	28.35	28.33	28.62	1.70	ppb
Lithium	6-1				82		%
Magnesium	24-2	19738.99	20324.34	19860.65	19974.66	1.55	ppb
Manganese	55-2	2009.65	1967.33	1970.83	1982.61	1.18	ppb
Molybdenum	94-1	24.99	24.82	24.91	24.91	0.34	ppb
Molybdenum	95-1	0.99	0.97	0.97	0.98	1.31	ppb
Molybdenum	96-1	3.90	3.85	3.89	3.88	0.68	ppb
Molybdenum	97-1	0.94	0.95	0.95	0.95	0.65	ppb
Molybdenum	98-1	0.92	0.96	0.93	0.94	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.24	90.62	90.90	90.92	0.34	ppb
Phosphorus	31-2	2483.30	2421.17	2389.35	2431.27	1.97	ppb
Potassium	39-2	10698.83	10817.04	10756.44	10757.44	0.55	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	0.77	0.64	1.05	0.82	25.22	ppb
Selenium	77-2	18.76	18.40	19.57	18.91	3.19	ppb
Selenium	78-2	3.59	3.93	4.18	3.90	7.49	ppb
Silicon	28-1	1978.29	1948.33	1938.07	1954.90	1.07	ppb
Silver	107-1	0.23	0.22	0.22	0.22	1.27	ppb
Silver	109-1	0.24	0.23	0.23	0.23	1.29	ppb
Sodium	23-2	178.13	178.37	176.67	177.72	0.52	ppb
Strontium	86-1	5532.97	5383.49	5369.43	5428.63	1.67	ppb
Strontium	88-1	5417.91	5398.89	5452.82	5423.21	0.50	ppb
Sulfur	34-1	-626.50	-687.11	-715.52	-676.38		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.31	0.33	0.31	0.32	3.48	ppb
Thallium	205-1	0.32	0.32	0.31	0.31	2.07	ppb
Tin	118-1	2.64	2.65	2.67	2.65	0.43	ppb
Titanium	47-1	796.14	786.48	789.19	790.60	0.63	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:31:49	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.26	1.24	1.27	1.96	ppb
Vanadium	51-2	127.95	126.82	126.05	126.94	0.75	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	222.21	220.31	217.56	220.03	1.06	ppb
Zirconium	90-1	13.82	13.72	13.77	13.77	0.35	ppb
Zirconium	91-1	13.75	13.59	13.65	13.66	0.58	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:34:52	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20049.57	19832.44	19101.51	19661.17	2.53	ppb
Antimony	121-1	1.59	1.64	1.66	1.63	2.03	ppb
Arsenic	75-2	58.98	59.61	58.94	59.18	0.63	ppb
Barium	135-1	297.33	301.58	293.39	297.43	1.38	ppb
Barium	137-1	297.02	298.28	289.67	294.99	1.58	ppb
Beryllium	9-1	0.69	0.62	0.70	0.67	5.95	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.56	0.76	0.69	0.67	14.88	ppb
Cadmium	106-1	-0.51	0.07	-0.38	-0.27		ppb
Cadmium	111-1	0.34	0.38	0.35	0.36	5.74	ppb
Calcium	43-1	16921.62	16616.78	17032.80	16857.07	1.28	ppb
Calcium	44-1	16340.41	16317.79	16465.71	16374.64	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.10	63.37	62.07	63.18	1.63	ppb
Cobalt	59-2	30.31	30.30	29.64	30.08	1.27	ppb
Copper	63-2	86.45	86.60	84.58	85.88	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	52171.14	51535.39	50902.24	51536.26	1.23	ppb
Iron	57-2	52024.96	51521.43	49842.10	51129.50	2.24	ppb
Iron	54-2	51575.13	50842.79	50113.07	50843.66	1.44	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:34:52	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.40	15.63	15.29	15.44	1.12	ppb
Lead	207-1	14.55	14.59	14.18	14.44	1.57	ppb
Lead	208-1	14.76	14.95	14.68	14.80	0.96	ppb
Lithium	6-1				80		%
Magnesium	24-2	13587.67	13184.69	13036.23	13269.53	2.15	ppb
Manganese	55-2	1918.37	1899.33	1897.89	1905.20	0.60	ppb
Molybdenum	94-1	5.81	5.81	5.86	5.83	0.47	ppb
Molybdenum	95-1	0.91	0.95	0.97	0.94	2.87	ppb
Molybdenum	96-1	1.75	1.74	1.78	1.76	1.15	ppb
Molybdenum	97-1	0.92	0.92	0.94	0.93	1.41	ppb
Molybdenum	98-1	0.92	0.92	0.94	0.93	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.46	55.57	54.46	55.16	1.12	ppb
Phosphorus	31-2	1508.02	1541.69	1473.30	1507.67	2.27	ppb
Potassium	39-2	4613.81	4599.38	4582.73	4598.64	0.34	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.79	0.76	0.65	0.73	9.56	ppb
Selenium	77-2	10.66	9.70	9.49	9.95	6.28	ppb
Selenium	78-2	1.83	2.64	1.72	2.06	24.29	ppb
Silicon	28-1	1651.30	1608.55	1610.39	1623.42	1.49	ppb
Silver	107-1	0.07	0.07	0.07	0.07	3.43	ppb
Silver	109-1	0.07	0.08	0.07	0.07	5.86	ppb
Sodium	23-2	326.29	319.53	319.81	321.88	1.19	ppb
Strontium	86-1	2828.31	2838.97	2840.83	2836.04	0.24	ppb
Strontium	88-1	2900.68	2900.70	2907.85	2903.07	0.14	ppb
Sulfur	34-1	-832.31	-841.32	-801.50	-825.04		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.14	0.16	0.14	0.15	6.30	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	0.81	ppb
Tin	118-1	1.65	1.69	1.65	1.66	1.61	ppb
Titanium	47-1	333.85	330.40	337.20	333.82	1.02	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:34:52	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.91	0.91	0.91	0.69	ppb
Vanadium	51-2	79.84	78.71	77.94	78.83	1.21	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	183.13	182.01	177.23	180.79	1.73	ppb
Zirconium	90-1	2.89	2.91	2.89	2.90	0.50	ppb
Zirconium	91-1	2.88	2.97	2.93	2.92	1.47	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-04	Instrumnet Name :	P7
Client Sample ID :	MYE5M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:38:00	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34055.05	33837.29	32820.85	33571.07	1.96	ppb
Antimony	121-1	1.31	1.32	1.31	1.32	0.39	ppb
Arsenic	75-2	109.21	110.42	108.28	109.30	0.98	ppb
Barium	135-1	399.72	392.93	384.68	392.44	1.92	ppb
Barium	137-1	390.64	387.92	385.48	388.01	0.67	ppb
Beryllium	9-1	1.35	1.17	1.37	1.30	8.56	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.37	1.49	1.47	1.45	4.29	ppb
Cadmium	106-1	1.62	0.33	0.78	0.91	71.90	ppb
Cadmium	111-1	0.90	0.76	0.79	0.81	8.98	ppb
Calcium	43-1	12084.54	12039.40	11890.56	12004.83	0.85	ppb
Calcium	44-1	11833.11	11737.67	11424.03	11664.94	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.75	85.82	85.54	86.70	2.05	ppb
Cobalt	59-2	45.35	44.47	43.82	44.55	1.72	ppb
Copper	63-2	148.26	145.65	141.80	145.24	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	88142.43	86627.99	85894.24	86888.22	1.32	ppb
Iron	57-2	87739.49	85209.30	83894.12	85614.30	2.28	ppb
Iron	54-2	87728.90	84408.29	84161.93	85433.04	2.33	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-04	Instrumnet Name :	P7
Client Sample ID :	MYE5M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:38:00	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	62.50	64.41	63.80	63.57	1.54	ppb
Lead	207-1	60.22	60.57	60.87	60.55	0.54	ppb
Lead	208-1	62.05	62.22	61.43	61.90	0.67	ppb
Lithium	6-1				81		%
Magnesium	24-2	17165.57	17048.10	16842.56	17018.75	0.96	ppb
Manganese	55-2	2853.08	2775.37	2779.85	2802.77	1.56	ppb
Molybdenum	94-1	17.05	16.94	17.30	17.10	1.07	ppb
Molybdenum	95-1	0.94	0.95	0.95	0.95	0.55	ppb
Molybdenum	96-1	3.15	3.14	3.12	3.14	0.39	ppb
Molybdenum	97-1	0.95	0.91	0.94	0.93	2.19	ppb
Molybdenum	98-1	0.91	0.93	0.93	0.92	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.24	85.53	85.33	86.03	1.22	ppb
Phosphorus	31-2	1946.10	1920.32	1901.85	1922.75	1.16	ppb
Potassium	39-2	7075.32	6938.86	6956.22	6990.13	1.06	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	0.97	0.61	0.66	0.74	26.27	ppb
Selenium	77-2	16.81	15.62	13.76	15.40	10.00	ppb
Selenium	78-2	3.98	2.89	3.19	3.36	16.77	ppb
Silicon	28-1	1939.85	1905.22	1896.17	1913.75	1.20	ppb
Silver	107-1	0.24	0.23	0.25	0.24	2.69	ppb
Silver	109-1	0.25	0.24	0.24	0.24	1.80	ppb
Sodium	23-2	156.82	153.91	150.70	153.81	1.99	ppb
Strontium	86-1	1267.66	1276.63	1254.17	1266.15	0.89	ppb
Strontium	88-1	1290.65	1266.71	1280.94	1279.43	0.94	ppb
Sulfur	34-1	-1234.12	-1351.39	-1393.18	-1326.23		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.34	0.34	0.35	0.34	0.93	ppb
Thallium	205-1	0.34	0.34	0.35	0.34	0.40	ppb
Tin	118-1	2.32	2.27	2.32	2.30	1.20	ppb
Titanium	47-1	768.42	779.32	758.08	768.60	1.38	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-04	Instrumnet Name :	P7
Client Sample ID :	MYE5M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:38:00	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.88	0.90	0.89	0.85	ppb
Vanadium	51-2	176.21	168.60	168.29	171.03	2.62	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	229.55	226.95	223.03	226.51	1.45	ppb
Zirconium	90-1	9.30	9.23	9.27	9.27	0.33	ppb
Zirconium	91-1	9.35	9.29	9.24	9.29	0.56	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-05	Instrumnet Name :	P7
Client Sample ID :	MYE5M4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:41:04	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17224.84	16718.28	16959.15	16967.42	1.49	ppb
Antimony	121-1	0.23	0.23	0.23	0.23	1.40	ppb
Arsenic	75-2	61.29	61.90	61.82	61.67	0.54	ppb
Barium	135-1	338.39	336.48	339.95	338.27	0.51	ppb
Barium	137-1	336.83	336.62	338.84	337.43	0.36	ppb
Beryllium	9-1	1.48	1.49	1.59	1.52	4.09	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.55	0.63	0.68	0.62	10.73	ppb
Cadmium	106-1	1.59	1.53	1.36	1.49	8.22	ppb
Cadmium	111-1	0.27	0.25	0.26	0.26	3.68	ppb
Calcium	43-1	31582.33	31711.94	31578.14	31624.14	0.24	ppb
Calcium	44-1	31626.04	31439.49	31284.89	31450.14	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.68	77.45	77.74	78.29	1.55	ppb
Cobalt	59-2	29.78	28.64	29.06	29.16	1.96	ppb
Copper	63-2	44.44	43.07	43.72	43.74	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	35126.19	33537.56	33917.09	34193.61	2.43	ppb
Iron	57-2	34627.56	33098.39	33551.14	33759.03	2.33	ppb
Iron	54-2	34145.72	33555.76	33327.74	33676.41	1.25	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-05	Instrumnet Name :	P7
Client Sample ID :	MYE5M4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:41:04	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.25	39.09	38.87	39.07	0.49	ppb
Lead	207-1	31.71	32.05	30.89	31.55	1.89	ppb
Lead	208-1	34.47	34.85	34.45	34.59	0.64	ppb
Lithium	6-1				87		%
Magnesium	24-2	12658.19	12480.18	12583.37	12573.91	0.71	ppb
Manganese	55-2	2573.58	2542.77	2524.88	2547.08	0.97	ppb
Molybdenum	94-1	12.00	11.75	11.77	11.84	1.16	ppb
Molybdenum	95-1	0.94	0.93	0.93	0.93	0.83	ppb
Molybdenum	96-1	2.27	2.20	2.26	2.24	1.75	ppb
Molybdenum	97-1	0.94	0.90	0.89	0.91	2.34	ppb
Molybdenum	98-1	0.94	0.89	0.92	0.92	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.79	66.48	66.56	66.94	1.10	ppb
Phosphorus	31-2	1271.92	1231.94	1265.45	1256.44	1.71	ppb
Potassium	39-2	1384.91	1347.39	1367.13	1366.47	1.37	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.39	0.51	0.62	0.51	22.96	ppb
Selenium	77-2	17.66	17.91	20.33	18.64	7.91	ppb
Selenium	78-2	3.58	3.57	3.92	3.69	5.39	ppb
Silicon	28-1	1416.68	1411.98	1378.95	1402.54	1.47	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.65	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.67	ppb
Sodium	23-2	173.21	166.55	169.22	169.66	1.98	ppb
Strontium	86-1	1342.60	1326.36	1328.59	1332.52	0.66	ppb
Strontium	88-1	1350.89	1334.46	1341.02	1342.12	0.62	ppb
Sulfur	34-1	-1117.46	-955.46	-916.49	-996.47		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.10	0.10	0.11	0.10	1.76	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	2.53	ppb
Tin	118-1	0.27	0.27	0.27	0.27	0.46	ppb
Titanium	47-1	193.21	191.73	191.98	192.31	0.41	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-05	Instrumnet Name :	P7
Client Sample ID :	MYE5M4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:41:04	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.24	3.30	3.26	3.27	0.90	ppb
Vanadium	51-2	61.39	59.59	60.31	60.43	1.49	ppb
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	136.19	131.91	132.58	133.56	1.73	ppb
Zirconium	90-1	6.40	6.27	6.30	6.33	1.04	ppb
Zirconium	91-1	6.38	6.27	6.31	6.32	0.91	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-06	Instrumnet Name :	P7
Client Sample ID :	MYE5M5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:44:11	DataFile Name :	167SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38475.15	40837.17	40034.68	39782.33	3.02	ppb
Antimony	121-1	1.24	1.22	1.22	1.23	1.03	ppb
Arsenic	75-2	135.46	137.72	138.98	137.39	1.30	ppb
Barium	135-1	1033.43	1055.64	1026.08	1038.38	1.48	ppb
Barium	137-1	1039.11	1057.03	1030.85	1042.33	1.28	ppb
Beryllium	9-1	1.88	1.77	1.78	1.81	3.37	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	2.03	2.12	2.15	6.29	ppb
Cadmium	106-1	3.79	3.30	3.03	3.37	11.46	ppb
Cadmium	111-1	1.36	1.29	1.24	1.30	4.62	ppb
Calcium	43-1	85495.79	84486.84	85146.80	85043.14	0.60	ppb
Calcium	44-1	85362.80	84748.04	85615.56	85242.13	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.48	101.47	99.87	99.94	1.50	ppb
Cobalt	59-2	49.73	51.07	50.46	50.42	1.33	ppb
Copper	63-2	249.63	255.61	256.01	253.75	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	96297.09	98650.92	97216.91	97388.31	1.22	ppb
Iron	57-2	94521.09	96562.54	95407.24	95496.96	1.07	ppb
Iron	54-2	94869.07	98269.67	96002.64	96380.46	1.80	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-06	Instrumnet Name :	P7
Client Sample ID :	MYE5M5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:44:11	DataFile Name :	167SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.23	95.17	96.99	95.46	1.47	ppb
Lead	207-1	91.26	92.22	93.43	92.31	1.18	ppb
Lead	208-1	92.69	92.90	93.92	93.17	0.70	ppb
Lithium	6-1				82		%
Magnesium	24-2	20768.81	22081.20	21410.10	21420.04	3.06	ppb
Manganese	55-2	5567.13	5711.06	5638.47	5638.89	1.28	ppb
Molybdenum	94-1	23.10	23.46	23.62	23.40	1.14	ppb
Molybdenum	95-1	1.01	1.06	1.08	1.05	3.25	ppb
Molybdenum	96-1	3.84	3.96	4.00	3.93	2.10	ppb
Molybdenum	97-1	1.00	1.05	1.03	1.03	2.37	ppb
Molybdenum	98-1	0.98	0.99	1.00	0.99	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.92	109.06	108.41	107.80	1.54	ppb
Phosphorus	31-2	2571.11	2656.26	2590.34	2605.91	1.71	ppb
Potassium	39-2	9091.76	9081.31	9098.74	9090.60	0.10	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	0.84	0.88	0.87	0.86	2.06	ppb
Selenium	77-2	21.24	17.08	17.83	18.72	11.84	ppb
Selenium	78-2	3.05	3.70	4.12	3.63	14.91	ppb
Silicon	28-1	2088.99	2105.47	2070.37	2088.28	0.84	ppb
Silver	107-1	0.33	0.34	0.33	0.33	1.51	ppb
Silver	109-1	0.33	0.34	0.33	0.33	1.63	ppb
Sodium	23-2	136.03	142.87	141.58	140.16	2.59	ppb
Strontium	86-1	1980.40	2036.66	2016.94	2011.34	1.42	ppb
Strontium	88-1	2014.16	2045.30	2023.15	2027.54	0.79	ppb
Sulfur	34-1	-333.59	-378.23	-394.00	-368.61		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.47	0.50	0.50	0.49	3.41	ppb
Thallium	205-1	0.47	0.48	0.48	0.48	0.83	ppb
Tin	118-1	3.13	3.15	3.23	3.17	1.63	ppb
Titanium	47-1	828.19	825.87	825.73	826.60	0.17	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-06	Instrumnet Name :	P7
Client Sample ID :	MYE5M5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:44:11	DataFile Name :	167SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.92	0.93	0.92	0.84	ppb
Vanadium	51-2	187.11	188.64	185.52	187.09	0.83	ppb
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	277.35	283.90	282.55	281.27	1.23	ppb
Zirconium	90-1	12.56	12.87	12.85	12.76	1.35	ppb
Zirconium	91-1	12.68	12.92	13.01	12.87	1.36	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-07	Instrumnet Name :	P7
Client Sample ID :	MYE5M6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:47:12	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41912.99	41015.58	41560.38	41496.32	1.09	ppb
Antimony	121-1	1.34	1.31	1.35	1.33	1.46	ppb
Arsenic	75-2	154.22	155.47	155.75	155.15	0.52	ppb
Barium	135-1	667.16	658.04	646.61	657.27	1.57	ppb
Barium	137-1	665.74	655.14	649.01	656.63	1.29	ppb
Beryllium	9-1	1.78	1.68	1.80	1.75	3.63	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.78	1.83	1.95	1.85	4.77	ppb
Cadmium	106-1	2.95	1.80	2.24	2.33	24.81	ppb
Cadmium	111-1	1.24	1.17	1.19	1.20	3.18	ppb
Calcium	43-1	69683.61	69875.03	68594.30	69384.31	1.00	ppb
Calcium	44-1	69601.86	69741.43	69183.77	69509.02	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.81	100.84	102.55	102.06	1.05	ppb
Cobalt	59-2	56.14	55.22	55.68	55.68	0.82	ppb
Copper	63-2	186.69	182.77	187.64	185.70	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	56-2	100061.43	99785.76	100779.83	100209.01	0.51	ppb
Iron	57-2	99235.52	97720.36	99400.74	98785.54	0.94	ppb
Iron	54-2	99546.01	98193.53	99099.93	98946.49	0.70	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-07	Instrumnet Name :	P7
Client Sample ID :	MYE5M6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:47:12	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	62.16	61.25	62.29	61.90	0.91	ppb
Lead	207-1	60.65	59.41	60.28	60.11	1.06	ppb
Lead	208-1	60.83	60.50	60.77	60.70	0.29	ppb
Lithium	6-1				79		%
Magnesium	24-2	23261.72	22424.73	22857.66	22848.04	1.83	ppb
Manganese	55-2	3316.56	3257.89	3329.95	3301.47	1.16	ppb
Molybdenum	94-1	13.45	13.46	13.53	13.48	0.34	ppb
Molybdenum	95-1	1.15	1.18	1.15	1.16	1.24	ppb
Molybdenum	96-1	2.97	3.01	3.00	2.99	0.65	ppb
Molybdenum	97-1	1.12	1.16	1.13	1.13	1.60	ppb
Molybdenum	98-1	1.10	1.11	1.09	1.10	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.74	108.22	109.68	109.55	1.16	ppb
Phosphorus	31-2	3049.37	3009.22	3067.42	3042.00	0.98	ppb
Potassium	39-2	9900.68	9828.73	9847.79	9859.07	0.38	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	0.99	1.11	0.76	0.95	18.39	ppb
Selenium	77-2	16.50	14.96	16.20	15.89	5.13	ppb
Selenium	78-2	4.10	4.07	4.38	4.18	4.16	ppb
Silicon	28-1	1976.34	1930.98	1941.23	1949.52	1.22	ppb
Silver	107-1	0.32	0.32	0.31	0.32	1.67	ppb
Silver	109-1	0.33	0.32	0.32	0.33	1.75	ppb
Sodium	23-2	174.73	169.87	174.10	172.90	1.53	ppb
Strontium	86-1	2097.80	2101.39	2088.81	2096.00	0.31	ppb
Strontium	88-1	2134.60	2135.28	2156.98	2142.29	0.59	ppb
Sulfur	34-1	-134.73	-196.81	-241.13	-190.89		ppb
Terbium	159-1				116		%
Terbium	159-2				110		%
Thallium	203-1	0.44	0.47	0.48	0.46	4.03	ppb
Thallium	205-1	0.45	0.44	0.45	0.45	0.88	ppb
Tin	118-1	2.84	2.88	2.92	2.88	1.39	ppb
Titanium	47-1	921.01	904.77	923.23	916.33	1.10	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-07	Instrumnet Name :	P7
Client Sample ID :	MYE5M6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:47:12	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.95	0.97	0.96	1.04	ppb
Vanadium	51-2	202.28	199.73	199.28	200.43	0.81	ppb
Yttrium	89-1				119		%
Yttrium	89-2				115		%
Zinc	66-2	272.60	263.67	267.59	267.95	1.67	ppb
Zirconium	90-1	7.07	7.20	7.18	7.15	1.00	ppb
Zirconium	91-1	7.18	7.20	7.18	7.19	0.12	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:50:14	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39298.96	40440.07	38711.82	39483.62	2.23	ppb
Antimony	121-1	1.60	1.48	1.45	1.51	5.05	ppb
Arsenic	75-2	127.29	126.03	126.43	126.58	0.51	ppb
Barium	135-1	610.00	577.08	579.60	588.89	3.11	ppb
Barium	137-1	613.43	569.41	574.46	585.77	4.11	ppb
Beryllium	9-1	1.53	1.43	1.53	1.50	3.74	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.17	1.81	1.77	1.92	11.51	ppb
Cadmium	106-1	2.60	2.14	2.27	2.34	10.09	ppb
Cadmium	111-1	1.10	1.02	1.01	1.04	4.72	ppb
Calcium	43-1	43040.39	39547.03	40279.12	40955.51	4.50	ppb
Calcium	44-1	43217.98	40246.14	39996.29	41153.47	4.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.13	101.65	99.09	100.29	1.28	ppb
Cobalt	59-2	50.25	50.88	49.77	50.30	1.11	ppb
Copper	63-2	171.36	173.67	170.48	171.83	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	97598.52	98677.72	95855.16	97377.13	1.46	ppb
Iron	57-2	94827.58	97487.93	94185.46	95500.32	1.83	ppb
Iron	54-2	95403.37	97202.11	95172.72	95926.07	1.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:50:14	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	54.57	51.81	50.78	52.39	3.74	ppb
Lead	207-1	53.47	50.32	49.14	50.98	4.39	ppb
Lead	208-1	53.19	50.44	49.54	51.06	3.73	ppb
Lithium	6-1				76		%
Magnesium	24-2	22185.77	22694.34	21758.44	22212.85	2.11	ppb
Manganese	55-2	3355.68	3331.90	3307.87	3331.82	0.72	ppb
Molybdenum	94-1	23.58	22.28	21.77	22.54	4.14	ppb
Molybdenum	95-1	0.99	0.95	0.93	0.96	3.51	ppb
Molybdenum	96-1	3.94	3.65	3.66	3.75	4.36	ppb
Molybdenum	97-1	0.96	0.94	0.90	0.93	3.09	ppb
Molybdenum	98-1	0.99	0.92	0.90	0.93	4.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.08	103.84	101.80	102.57	1.08	ppb
Phosphorus	31-2	2397.24	2481.13	2381.16	2419.84	2.22	ppb
Potassium	39-2	9489.51	9564.17	9538.86	9530.85	0.40	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	82-1	0.82	0.53	0.63	0.66	22.42	ppb
Selenium	77-2	16.84	15.02	13.15	15.00	12.30	ppb
Selenium	78-2	2.84	3.25	3.94	3.34	16.64	ppb
Silicon	28-1	1832.84	1656.30	1678.63	1722.59	5.58	ppb
Silver	107-1	0.31	0.28	0.28	0.29	4.54	ppb
Silver	109-1	0.31	0.29	0.29	0.30	3.50	ppb
Sodium	23-2	218.53	227.19	220.49	222.07	2.04	ppb
Strontium	86-1	2160.24	2041.57	2006.05	2069.29	3.90	ppb
Strontium	88-1	2167.29	2081.12	2030.66	2093.02	3.30	ppb
Sulfur	34-1	-104.47	-422.80	-456.10	-327.79		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.39	0.34	0.34	0.36	8.06	ppb
Thallium	205-1	0.38	0.35	0.34	0.36	5.37	ppb
Tin	118-1	2.88	2.70	2.69	2.76	3.93	ppb
Titanium	47-1	923.69	860.80	848.79	877.76	4.58	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:50:14	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.92	0.90	0.92	3.13	ppb
Vanadium	51-2	193.80	193.56	194.77	194.04	0.33	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	228.80	232.17	227.34	229.44	1.08	ppb
Zirconium	90-1	12.93	12.21	12.07	12.40	3.72	ppb
Zirconium	91-1	12.91	12.03	11.96	12.30	4.32	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:53:15	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39378.36	39850.49	39460.73	39563.19	0.64	ppb
Antimony	121-1	3.08	3.05	3.11	3.08	1.00	ppb
Arsenic	75-2	164.25	165.62	165.05	164.97	0.42	ppb
Barium	135-1	515.28	500.99	508.74	508.34	1.41	ppb
Barium	137-1	515.61	513.39	509.52	512.84	0.60	ppb
Beryllium	9-1	1.78	1.81	1.60	1.73	6.53	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.81	3.27	3.10	3.40	10.90	ppb
Cadmium	106-1	4.50	4.53	3.73	4.26	10.63	ppb
Cadmium	111-1	2.45	2.49	2.37	2.44	2.59	ppb
Calcium	43-1	18629.13	18390.43	18674.46	18564.67	0.82	ppb
Calcium	44-1	18641.56	18567.39	18524.91	18577.95	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.34	109.10	109.35	109.60	0.60	ppb
Cobalt	59-2	55.88	54.36	55.31	55.19	1.40	ppb
Copper	63-2	331.61	324.61	326.54	327.59	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	122350.72	120423.47	120606.64	121126.95	0.88	ppb
Iron	57-2	120501.64	116454.20	120682.10	119212.65	2.01	ppb
Iron	54-2	120730.31	117566.91	120322.45	119539.89	1.44	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:53:15	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	106.98	108.04	104.65	106.56	1.63	ppb
Lead	207-1	104.24	105.88	103.56	104.56	1.14	ppb
Lead	208-1	105.78	105.40	104.07	105.08	0.86	ppb
Lithium	6-1				80		%
Magnesium	24-2	21159.51	20928.05	21135.63	21074.40	0.60	ppb
Manganese	55-2	3483.24	3407.29	3432.88	3441.13	1.12	ppb
Molybdenum	94-1	32.03	31.79	32.02	31.95	0.43	ppb
Molybdenum	95-1	1.34	1.36	1.35	1.35	1.05	ppb
Molybdenum	96-1	5.28	5.23	5.21	5.24	0.72	ppb
Molybdenum	97-1	1.34	1.31	1.35	1.33	1.27	ppb
Molybdenum	98-1	1.29	1.29	1.30	1.29	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.32	112.93	113.32	113.52	0.63	ppb
Phosphorus	31-2	2071.01	2066.85	2025.15	2054.34	1.23	ppb
Potassium	39-2	8028.02	7932.27	7978.13	7979.47	0.60	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	1.05	0.82	1.05	0.97	13.35	ppb
Selenium	77-2	19.68	17.25	17.84	18.25	6.95	ppb
Selenium	78-2	3.78	4.09	4.80	4.22	12.37	ppb
Silicon	28-1	1561.94	1515.50	1514.38	1530.61	1.77	ppb
Silver	107-1	0.67	0.69	0.69	0.68	1.51	ppb
Silver	109-1	0.69	0.70	0.68	0.69	1.63	ppb
Sodium	23-2	119.34	117.40	119.00	118.58	0.87	ppb
Strontium	86-1	1417.21	1416.41	1432.59	1422.07	0.64	ppb
Strontium	88-1	1449.22	1409.38	1452.67	1437.09	1.67	ppb
Sulfur	34-1	-638.31	-799.03	-788.66	-742.00		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.64	0.63	0.59	0.62	4.04	ppb
Thallium	205-1	0.62	0.62	0.61	0.61	1.19	ppb
Tin	118-1	3.52	3.49	3.44	3.48	1.15	ppb
Titanium	47-1	876.88	858.18	869.91	868.32	1.09	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:53:15	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.90	0.89	0.89	0.75	ppb
Vanadium	51-2	218.27	213.09	215.48	215.61	1.20	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	322.16	319.74	320.96	320.95	0.38	ppb
Zirconium	90-1	17.70	17.50	17.70	17.63	0.64	ppb
Zirconium	91-1	17.63	17.47	17.79	17.63	0.93	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:58:57	DataFile Name :	172CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48457.86	49393.71	48293.62	48715.06	1.22	ppb
Antimony	121-1	483.51	501.80	492.56	492.63	1.86	ppb
Arsenic	75-2	513.56	509.12	511.97	511.55	0.44	ppb
Barium	135-1	2469.74	2535.55	2496.62	2500.63	1.32	ppb
Barium	137-1	2470.80	2524.18	2498.84	2497.94	1.07	ppb
Beryllium	9-1	494.98	518.51	509.40	507.63	2.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	493.03	498.48	499.88	497.13	0.73	ppb
Cadmium	106-1	493.89	499.31	504.34	499.18	1.05	ppb
Cadmium	111-1	491.82	504.25	498.68	498.25	1.25	ppb
Calcium	43-1	240609.92	244271.63	243926.19	242935.91	0.83	ppb
Calcium	44-1	242707.29	243440.55	245220.39	243789.41	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.17	503.13	502.00	501.77	0.30	ppb
Cobalt	59-2	514.44	519.47	508.97	514.29	1.02	ppb
Copper	63-2	5133.99	5108.99	5022.28	5088.42	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	128696.23	127408.92	128711.88	128272.34	0.58	ppb
Iron	57-2	127087.16	128526.39	126955.01	127522.85	0.68	ppb
Iron	54-2	127135.78	127080.01	125426.54	126547.44	0.77	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:58:57	DataFile Name :	172CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2548.08	2580.28	2567.97	2565.44	0.63	ppb
Lead	207-1	2520.06	2529.90	2534.03	2528.00	0.28	ppb
Lead	208-1	2514.14	2544.64	2540.32	2533.03	0.65	ppb
Lithium	6-1				87		%
Magnesium	24-2	263467.55	267187.54	261927.27	264194.12	1.02	ppb
Manganese	55-2	4969.34	4976.92	4930.28	4958.85	0.50	ppb
Molybdenum	94-1	4982.64	4932.72	4969.67	4961.68	0.52	ppb
Molybdenum	95-1	4994.16	4891.98	4957.74	4947.96	1.05	ppb
Molybdenum	96-1	4954.84	4913.56	4960.87	4943.09	0.52	ppb
Molybdenum	97-1	4999.88	4961.46	5027.39	4996.24	0.66	ppb
Molybdenum	98-1	4955.43	4980.48	4987.01	4974.31	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.71	518.65	509.75	513.71	0.88	ppb
Phosphorus	31-2	9643.64	9683.94	9510.73	9612.77	0.94	ppb
Potassium	39-2	127057.61	127206.61	125450.08	126571.43	0.77	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	492.90	493.03	496.35	494.09	0.40	ppb
Selenium	77-2	499.51	491.70	484.59	491.93	1.52	ppb
Selenium	78-2	490.20	484.57	493.60	489.46	0.93	ppb
Silicon	28-1	160.95	162.88	165.17	163.00	1.30	ppb
Silver	107-1	490.12	497.85	503.88	497.28	1.39	ppb
Silver	109-1	496.63	499.61	503.45	499.90	0.68	ppb
Sodium	23-2	239624.87	247991.67	245475.42	244363.99	1.76	ppb
Strontium	86-1	12893.72	12987.45	12934.96	12938.71	0.36	ppb
Strontium	88-1	12849.75	12895.18	12865.27	12870.07	0.18	ppb
Sulfur	34-1	9881.09	9814.83	9679.38	9791.77	1.05	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	511.11	513.88	509.43	511.47	0.44	ppb
Thallium	205-1	515.13	518.26	521.92	518.44	0.66	ppb
Tin	118-1	492.45	505.46	497.26	498.39	1.32	ppb
Titanium	47-1	4850.75	4931.87	4969.42	4917.35	1.23	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:58:57	DataFile Name :	172CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	511.01	519.66	521.07	517.25	1.05	ppb
Vanadium	51-2	500.36	502.71	498.37	500.48	0.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	5109.95	5085.66	5042.64	5079.42	0.67	ppb
Zirconium	90-1	505.61	506.47	505.02	505.70	0.14	ppb
Zirconium	91-1	502.79	497.88	499.14	499.94	0.51	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:03:05	DataFile Name :	173CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	0.05	-0.16	-0.10		ppb
Antimony	121-1	0.08	0.11	0.13	0.11	24.67	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	31.42	ppb
Barium	135-1	0.03	0.02	0.01	0.02	34.30	ppb
Barium	137-1	0.04	0.02	0.02	0.03	32.56	ppb
Beryllium	9-1	0.05	0.05	0.03	0.04	20.97	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.00	-0.02	0.00		ppb
Cadmium	106-1	-0.82	-0.85	-0.53	-0.73		ppb
Cadmium	111-1	-0.04	-0.05	-0.03	-0.04		ppb
Calcium	43-1	10.64	11.32	8.88	10.28	12.26	ppb
Calcium	44-1	10.67	10.43	9.83	10.31	4.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.05	-0.05	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	121.56	ppb
Copper	63-2	0.08	0.09	0.07	0.08	10.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	0.15	0.16	0.08	0.13	34.49	ppb
Iron	57-2	-1.32	-1.22	-1.46	-1.33		ppb
Iron	54-2	-1.16	-2.12	-1.71	-1.66		ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:03:05	DataFile Name :	173CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.06	0.05	0.06	12.29	ppb
Lead	207-1	0.05	0.06	0.05	0.05	15.55	ppb
Lead	208-1	0.06	0.06	0.05	0.06	11.78	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.12	0.05	0.00	0.06	102.17	ppb
Manganese	55-2	0.04	0.02	0.04	0.03	30.35	ppb
Molybdenum	94-1	0.06	0.08	0.09	0.08	17.07	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	9.61	ppb
Molybdenum	96-1	0.08	0.07	0.06	0.07	11.88	ppb
Molybdenum	97-1	0.08	0.06	0.06	0.06	23.55	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	7.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.14	0.15	0.15	5.02	ppb
Phosphorus	31-2	-20.90	-21.59	-19.81	-20.77		ppb
Potassium	39-2	11.82	11.73	11.68	11.74	0.60	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	-0.14	-0.30	-0.32	-0.25		ppb
Selenium	77-2	0.05	0.23	0.06	0.11	88.73	ppb
Selenium	78-2	0.19	-0.06	0.20	0.11	134.06	ppb
Silicon	28-1	-8.86	-8.53	-8.88	-8.76		ppb
Silver	107-1	0.02	0.01	0.01	0.01	25.01	ppb
Silver	109-1	0.02	0.01	0.01	0.01	19.42	ppb
Sodium	23-2	12.16	11.51	11.08	11.58	4.68	ppb
Strontium	86-1	0.31	0.08	0.07	0.15	88.28	ppb
Strontium	88-1	0.28	0.27	0.26	0.27	4.11	ppb
Sulfur	34-1	-605.94	-580.72	-548.33	-578.33		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.08	0.07	0.08	9.52	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	14.04	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.05	0.01	0.03	0.03	59.57	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:03:05	DataFile Name :	173CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	52.62	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	0.46	0.48	0.47	0.47	2.27	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	67.92	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	25.66	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:06:20	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32207.38	30768.99	30649.93	31208.77	2.78	ppb
Antimony	121-1	2.01	2.00	2.11	2.04	2.85	ppb
Arsenic	75-2	97.18	96.24	97.22	96.88	0.57	ppb
Barium	135-1	403.20	402.55	413.63	406.46	1.53	ppb
Barium	137-1	401.18	402.29	412.23	405.23	1.50	ppb
Beryllium	9-1	1.11	1.17	1.21	1.16	4.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.84	1.78	1.71	1.78	3.74	ppb
Cadmium	106-1	2.95	2.68	2.10	2.58	16.76	ppb
Cadmium	111-1	1.33	1.29	1.30	1.31	1.44	ppb
Calcium	43-1	12084.78	12091.68	12188.24	12121.57	0.48	ppb
Calcium	44-1	11645.90	11508.02	11826.99	11660.30	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.65	109.00	112.15	111.60	2.13	ppb
Cobalt	59-2	40.71	39.39	40.01	40.04	1.65	ppb
Copper	63-2	202.51	194.09	199.09	198.56	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	79066.78	76240.43	77774.95	77694.05	1.82	ppb
Iron	57-2	78196.11	74152.69	76583.50	76310.76	2.67	ppb
Iron	54-2	78849.07	74448.09	77181.27	76826.14	2.89	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:06:20	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.88	46.31	49.16	47.12	3.79	ppb
Lead	207-1	44.95	44.78	47.44	45.72	3.26	ppb
Lead	208-1	45.00	45.09	47.88	45.99	3.56	ppb
Lithium	6-1				84		%
Magnesium	24-2	18042.26	17413.56	17640.70	17698.84	1.80	ppb
Manganese	55-2	2194.28	2091.94	2162.01	2149.41	2.43	ppb
Molybdenum	94-1	16.16	16.15	16.93	16.41	2.72	ppb
Molybdenum	95-1	1.33	1.31	1.37	1.34	2.40	ppb
Molybdenum	96-1	3.30	3.36	3.45	3.37	2.23	ppb
Molybdenum	97-1	1.32	1.33	1.39	1.35	2.92	ppb
Molybdenum	98-1	1.30	1.28	1.34	1.31	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.27	72.83	75.38	74.83	2.38	ppb
Phosphorus	31-2	2637.99	2536.05	2535.30	2569.78	2.30	ppb
Potassium	39-2	11818.38	11454.76	11919.01	11730.72	2.08	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	0.80	0.33	0.84	0.66	43.24	ppb
Selenium	77-2	13.11	14.57	14.36	14.01	5.62	ppb
Selenium	78-2	3.50	3.72	3.27	3.50	6.48	ppb
Silicon	28-1	1399.42	1386.33	1434.80	1406.85	1.78	ppb
Silver	107-1	0.42	0.42	0.42	0.42	0.56	ppb
Silver	109-1	0.43	0.41	0.43	0.42	2.14	ppb
Sodium	23-2	198.98	187.91	196.47	194.45	2.98	ppb
Strontium	86-1	1603.71	1591.64	1655.70	1617.02	2.11	ppb
Strontium	88-1	1622.94	1607.23	1689.34	1639.84	2.66	ppb
Sulfur	34-1	-419.99	-581.20	-629.58	-543.59		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.37	0.32	0.34	0.34	7.19	ppb
Thallium	205-1	0.36	0.32	0.32	0.33	7.57	ppb
Tin	118-1	2.67	2.69	2.76	2.71	1.74	ppb
Titanium	47-1	665.14	667.11	680.47	670.91	1.24	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:06:20	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.80	0.84	0.81	3.25	ppb
Vanadium	51-2	120.89	116.70	120.43	119.34	1.93	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	258.62	248.66	256.09	254.45	2.04	ppb
Zirconium	90-1	8.68	8.78	8.92	8.79	1.35	ppb
Zirconium	91-1	8.57	8.70	8.98	8.75	2.39	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-11	Instrumnet Name :	P7
Client Sample ID :	MYE5N0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:09:23	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33191.15	33304.96	34047.65	33514.59	1.39	ppb
Antimony	121-1	1.99	1.97	1.95	1.97	0.99	ppb
Arsenic	75-2	100.72	103.88	104.77	103.12	2.06	ppb
Barium	135-1	515.49	510.10	518.83	514.81	0.86	ppb
Barium	137-1	513.80	508.97	504.57	509.11	0.91	ppb
Beryllium	9-1	1.32	1.15	1.30	1.26	7.71	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.63	1.57	1.60	1.60	1.86	ppb
Cadmium	106-1	2.12	1.69	1.15	1.65	29.40	ppb
Cadmium	111-1	0.52	0.50	0.45	0.49	7.08	ppb
Calcium	43-1	34978.65	34794.92	34829.47	34867.68	0.28	ppb
Calcium	44-1	35082.30	34566.29	35136.47	34928.35	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.32	98.32	98.96	98.20	0.85	ppb
Cobalt	59-2	48.13	48.24	48.44	48.27	0.32	ppb
Copper	63-2	133.58	134.88	133.29	133.92	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	87038.43	86244.09	87333.87	86872.13	0.65	ppb
Iron	57-2	86321.70	85575.96	86806.69	86234.79	0.72	ppb
Iron	54-2	84578.96	84944.92	85528.21	85017.37	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-11	Instrumnet Name :	P7
Client Sample ID :	MYE5N0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:09:23	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.33	25.71	25.20	25.41	1.05	ppb
Lead	207-1	23.71	24.12	24.06	23.96	0.92	ppb
Lead	208-1	24.17	24.62	24.35	24.38	0.94	ppb
Lithium	6-1				79		%
Magnesium	24-2	19028.54	18925.73	19245.91	19066.72	0.86	ppb
Manganese	55-2	2652.57	2691.31	2678.50	2674.13	0.74	ppb
Molybdenum	94-1	22.21	22.26	22.42	22.30	0.50	ppb
Molybdenum	95-1	1.25	1.24	1.26	1.25	0.83	ppb
Molybdenum	96-1	3.98	3.91	4.01	3.97	1.22	ppb
Molybdenum	97-1	1.24	1.25	1.21	1.23	1.52	ppb
Molybdenum	98-1	1.25	1.22	1.24	1.23	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.74	96.04	95.88	95.89	0.16	ppb
Phosphorus	31-2	2107.00	2129.76	2146.23	2127.66	0.93	ppb
Potassium	39-2	6402.75	6536.48	6537.44	6492.22	1.19	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.57	0.58	0.39	0.52	20.78	ppb
Selenium	77-2	15.04	16.04	16.68	15.92	5.21	ppb
Selenium	78-2	3.57	3.55	3.78	3.63	3.54	ppb
Silicon	28-1	1346.36	1322.54	1355.24	1341.38	1.26	ppb
Silver	107-1	0.12	0.11	0.11	0.11	3.88	ppb
Silver	109-1	0.11	0.12	0.11	0.11	3.34	ppb
Sodium	23-2	188.66	191.23	193.59	191.16	1.29	ppb
Strontium	86-1	2452.78	2431.11	2471.32	2451.74	0.82	ppb
Strontium	88-1	2477.59	2464.01	2504.48	2482.03	0.83	ppb
Sulfur	34-1	-918.90	-970.22	-947.46	-945.53		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.28	0.28	0.28	0.28	0.44	ppb
Thallium	205-1	0.28	0.28	0.28	0.28	0.53	ppb
Tin	118-1	2.37	2.45	2.37	2.40	1.90	ppb
Titanium	47-1	758.06	740.34	744.91	747.77	1.23	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-11	Instrumnet Name :	P7
Client Sample ID :	MYE5N0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:09:23	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.00	0.97	0.98	1.31	ppb
Vanadium	51-2	125.66	126.04	127.27	126.32	0.66	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	195.60	198.67	199.43	197.90	1.02	ppb
Zirconium	90-1	12.14	12.11	12.17	12.14	0.24	ppb
Zirconium	91-1	12.24	12.08	12.12	12.15	0.68	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-12	Instrumnet Name :	P7
Client Sample ID :	MYE5N1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:12:26	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34046.96	33757.08	34156.34	33986.79	0.61	ppb
Antimony	121-1	3.56	3.73	3.78	3.69	3.10	ppb
Arsenic	75-2	153.03	153.44	155.07	153.84	0.70	ppb
Barium	135-1	546.46	559.29	563.88	556.54	1.62	ppb
Barium	137-1	537.20	552.39	564.79	551.46	2.51	ppb
Beryllium	9-1	1.30	1.29	1.20	1.26	4.54	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	1.77	1.73	1.77	1.82	ppb
Cadmium	106-1	2.41	2.55	2.23	2.39	6.65	ppb
Cadmium	111-1	0.60	0.62	0.63	0.62	2.43	ppb
Calcium	43-1	35940.51	36990.13	37401.63	36777.42	2.05	ppb
Calcium	44-1	36154.55	36730.27	36794.39	36559.74	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.81	96.36	98.00	97.39	0.92	ppb
Cobalt	59-2	52.84	52.27	53.00	52.70	0.73	ppb
Copper	63-2	146.52	148.11	145.67	146.77	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	96494.71	96494.80	97509.35	96832.95	0.60	ppb
Iron	57-2	96114.32	96139.18	96379.51	96211.00	0.15	ppb
Iron	54-2	95770.36	95441.69	96100.68	95770.91	0.34	ppb
Krypton	83-1						cps

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-12	Instrumnet Name :	P7
Client Sample ID :	MYE5N1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:12:26	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.47	32.61	33.11	32.40	2.60	ppb
Lead	207-1	30.15	30.57	31.34	30.69	1.97	ppb
Lead	208-1	30.59	31.34	31.80	31.24	1.97	ppb
Lithium	6-1				79		%
Magnesium	24-2	20947.30	20983.61	20975.65	20968.85	0.09	ppb
Manganese	55-2	2523.41	2529.16	2539.57	2530.71	0.32	ppb
Molybdenum	94-1	26.18	26.78	27.23	26.73	1.98	ppb
Molybdenum	95-1	1.10	1.11	1.13	1.12	1.34	ppb
Molybdenum	96-1	4.27	4.40	4.44	4.37	2.07	ppb
Molybdenum	97-1	1.06	1.08	1.11	1.08	2.65	ppb
Molybdenum	98-1	1.05	1.08	1.09	1.07	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.47	116.06	117.09	116.21	0.71	ppb
Phosphorus	31-2	2446.81	2402.76	2463.07	2437.55	1.28	ppb
Potassium	39-2	6879.55	6761.33	6898.93	6846.61	1.09	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	0.96	1.11	0.58	0.88	30.85	ppb
Selenium	77-2	18.01	21.22	17.97	19.07	9.78	ppb
Selenium	78-2	5.13	4.49	4.42	4.68	8.46	ppb
Silicon	28-1	1372.80	1420.96	1433.84	1409.20	2.28	ppb
Silver	107-1	0.11	0.12	0.12	0.12	4.95	ppb
Silver	109-1	0.11	0.12	0.12	0.12	4.39	ppb
Sodium	23-2	136.50	138.51	142.73	139.25	2.28	ppb
Strontium	86-1	2231.99	2324.51	2329.61	2295.37	2.39	ppb
Strontium	88-1	2285.16	2351.10	2357.14	2331.13	1.71	ppb
Sulfur	34-1	-827.26	-767.94	-724.79	-773.33		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.27	0.27	0.28	0.27	0.64	ppb
Thallium	205-1	0.27	0.27	0.28	0.27	2.47	ppb
Tin	118-1	2.67	2.82	2.83	2.77	3.29	ppb
Titanium	47-1	666.89	686.78	675.53	676.40	1.47	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-12	Instrumnet Name :	P7
Client Sample ID :	MYE5N1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:12:26	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.82	0.83	0.81	2.82	ppb
Vanadium	51-2	156.88	160.70	157.71	158.43	1.27	ppb
Yttrium	89-1				119		%
Yttrium	89-2				114		%
Zinc	66-2	206.64	204.16	208.57	206.46	1.07	ppb
Zirconium	90-1	14.34	14.96	14.97	14.76	2.45	ppb
Zirconium	91-1	14.29	14.92	15.02	14.74	2.71	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:15:30	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19425.06	18784.92	17896.21	18702.06	4.11	ppb
Antimony	121-1	1.99	2.12	2.09	2.07	3.44	ppb
Arsenic	75-2	80.31	79.22	77.77	79.10	1.61	ppb
Barium	135-1	288.69	305.00	301.15	298.28	2.86	ppb
Barium	137-1	291.61	304.68	303.87	300.05	2.44	ppb
Beryllium	9-1	0.68	0.73	0.79	0.73	7.61	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.10	1.24	1.19	1.18	6.17	ppb
Cadmium	106-1	2.06	1.62	1.56	1.75	15.49	ppb
Cadmium	111-1	0.30	0.26	0.26	0.28	8.76	ppb
Calcium	43-1	39300.11	40733.81	39222.09	39752.00	2.14	ppb
Calcium	44-1	39415.90	40229.08	39961.79	39868.92	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.42	60.57	57.53	59.84	3.42	ppb
Cobalt	59-2	31.29	30.45	29.45	30.40	3.03	ppb
Copper	63-2	73.95	72.09	69.70	71.91	2.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	58205.34	56929.27	54889.31	56674.64	2.95	ppb
Iron	57-2	56923.39	55752.49	54590.07	55755.32	2.09	ppb
Iron	54-2	56886.78	55918.92	53905.43	55570.38	2.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:15:30	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.86	14.49	14.64	14.33	2.89	ppb
Lead	207-1	12.94	13.49	13.44	13.29	2.30	ppb
Lead	208-1	13.21	13.82	13.88	13.64	2.71	ppb
Lithium	6-1				78		%
Magnesium	24-2	13295.12	12980.89	12258.04	12844.68	4.14	ppb
Manganese	55-2	1485.10	1462.03	1386.26	1444.46	3.58	ppb
Molybdenum	94-1	21.03	21.63	21.65	21.44	1.64	ppb
Molybdenum	95-1	0.55	0.59	0.59	0.58	3.73	ppb
Molybdenum	96-1	3.01	3.17	3.19	3.12	3.09	ppb
Molybdenum	97-1	0.52	0.58	0.58	0.56	5.79	ppb
Molybdenum	98-1	0.54	0.54	0.55	0.54	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.25	62.03	60.19	61.83	2.49	ppb
Phosphorus	31-2	1180.37	1144.59	1077.70	1134.22	4.59	ppb
Potassium	39-2	2446.91	2391.13	2317.20	2385.08	2.73	ppb
Rhodium	103-1				110		%
Rhodium	103-2				113		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	0.50	0.33	0.57	0.47	26.87	ppb
Selenium	77-2	13.43	9.40	9.77	10.86	20.51	ppb
Selenium	78-2	2.11	2.44	1.88	2.14	13.04	ppb
Silicon	28-1	1564.80	1598.31	1563.46	1575.52	1.25	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.47	ppb
Silver	109-1	0.04	0.04	0.04	0.04	7.33	ppb
Sodium	23-2	137.73	134.56	125.67	132.66	4.71	ppb
Strontium	86-1	1306.22	1362.18	1351.11	1339.83	2.21	ppb
Strontium	88-1	1340.25	1358.46	1368.95	1355.89	1.07	ppb
Sulfur	34-1	-878.40	-819.00	-850.54	-849.31		ppb
Terbium	159-1				114		%
Terbium	159-2				113		%
Thallium	203-1	0.18	0.18	0.17	0.18	4.57	ppb
Thallium	205-1	0.17	0.18	0.18	0.18	1.17	ppb
Tin	118-1	1.76	1.86	1.85	1.82	2.84	ppb
Titanium	47-1	359.48	373.06	370.35	367.63	1.95	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:15:30	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.47	0.49	0.50	0.49	3.25	ppb
Vanadium	51-2	93.40	91.11	87.05	90.52	3.55	ppb
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	122.41	120.52	114.82	119.25	3.31	ppb
Zirconium	90-1	11.69	12.11	12.15	11.98	2.10	ppb
Zirconium	91-1	11.74	12.16	12.15	12.01	1.99	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:18:35	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21295.41	20791.09	21662.32	21249.61	2.06	ppb
Antimony	121-1	2.03	2.06	2.09	2.06	1.43	ppb
Arsenic	75-2	91.37	91.82	94.79	92.66	2.01	ppb
Barium	135-1	335.39	330.52	344.03	336.65	2.03	ppb
Barium	137-1	339.18	335.64	340.63	338.48	0.76	ppb
Beryllium	9-1	0.76	0.73	0.76	0.75	2.36	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	1.17	1.11	1.16	3.48	ppb
Cadmium	106-1	2.06	1.53	1.68	1.76	15.52	ppb
Cadmium	111-1	0.33	0.29	0.31	0.31	7.19	ppb
Calcium	43-1	38508.06	38076.63	37338.08	37974.25	1.56	ppb
Calcium	44-1	38359.35	38555.09	37846.38	38253.60	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.30	62.31	64.66	63.42	1.86	ppb
Cobalt	59-2	33.75	33.26	34.40	33.80	1.69	ppb
Copper	63-2	80.32	78.96	82.35	80.54	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	62463.34	62154.55	64352.42	62990.10	1.89	ppb
Iron	57-2	62363.68	61056.71	63354.75	62258.38	1.85	ppb
Iron	54-2	61969.98	60721.63	62651.64	61781.08	1.58	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:18:35	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.62	15.54	15.60	15.58	0.27	ppb
Lead	207-1	14.69	14.50	14.50	14.57	0.76	ppb
Lead	208-1	14.94	14.82	14.81	14.85	0.48	ppb
Lithium	6-1				79		%
Magnesium	24-2	14663.31	14419.90	15266.05	14783.09	2.95	ppb
Manganese	55-2	1594.64	1543.22	1611.72	1583.19	2.25	ppb
Molybdenum	94-1	23.68	23.78	23.97	23.81	0.63	ppb
Molybdenum	95-1	0.62	0.63	0.66	0.64	2.74	ppb
Molybdenum	96-1	3.42	3.41	3.45	3.42	0.53	ppb
Molybdenum	97-1	0.58	0.63	0.65	0.62	5.56	ppb
Molybdenum	98-1	0.61	0.62	0.62	0.62	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.14	67.36	70.69	68.73	2.53	ppb
Phosphorus	31-2	1325.39	1316.88	1363.49	1335.25	1.86	ppb
Potassium	39-2	2672.30	2608.47	2839.88	2706.88	4.42	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	0.55	0.40	0.45	0.47	16.71	ppb
Selenium	77-2	12.39	12.35	10.55	11.76	8.94	ppb
Selenium	78-2	2.73	2.04	2.05	2.28	17.45	ppb
Silicon	28-1	1547.65	1530.76	1535.80	1538.07	0.56	ppb
Silver	107-1	0.04	0.05	0.05	0.05	3.55	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.22	ppb
Sodium	23-2	148.62	146.03	154.18	149.61	2.78	ppb
Strontium	86-1	1479.74	1491.47	1508.46	1493.23	0.97	ppb
Strontium	88-1	1509.13	1510.82	1539.35	1519.77	1.12	ppb
Sulfur	34-1	-760.84	-830.22	-854.69	-815.25		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.19	0.20	0.18	0.19	3.88	ppb
Thallium	205-1	0.19	0.19	0.19	0.19	1.07	ppb
Tin	118-1	1.88	1.88	1.95	1.90	2.16	ppb
Titanium	47-1	414.13	408.87	414.16	412.39	0.74	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:18:35	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.54	0.52	0.52	0.53	2.11	ppb
Vanadium	51-2	102.16	100.32	104.78	102.42	2.19	ppb
Yttrium	89-1				116		%
Yttrium	89-2				108		%
Zinc	66-2	131.48	130.93	135.79	132.74	2.00	ppb
Zirconium	90-1	13.27	13.30	13.39	13.32	0.47	ppb
Zirconium	91-1	13.24	13.45	13.46	13.38	0.91	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 22:21:41	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4487.90	4451.22	4620.38	4519.83	1.97	ppb
Antimony	121-1	1.89	1.91	1.83	1.88	2.12	ppb
Arsenic	75-2	18.60	18.52	18.74	18.62	0.62	ppb
Barium	135-1	66.24	67.28	65.49	66.34	1.36	ppb
Barium	137-1	65.88	66.58	65.42	65.96	0.89	ppb
Beryllium	9-1	0.17	0.17	0.16	0.17	5.00	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.34	0.21	0.29	22.76	ppb
Cadmium	106-1	0.38	-0.41	-0.64	-0.22		ppb
Cadmium	111-1	0.06	0.01	-0.01	0.02	180.72	ppb
Calcium	43-1	9192.54	9157.46	9212.91	9187.64	0.31	ppb
Calcium	44-1	9006.16	9040.61	8973.70	9006.82	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.93	13.80	14.28	14.00	1.75	ppb
Cobalt	59-2	7.11	7.10	7.24	7.15	1.10	ppb
Copper	63-2	16.98	16.78	17.28	17.01	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	13153.33	13110.05	13469.52	13244.30	1.48	ppb
Iron	57-2	12950.80	12924.26	13311.15	13062.07	1.65	ppb
Iron	54-2	12893.46	12654.89	13335.58	12961.31	2.66	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 22:21:41	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.25	3.21	3.25	3.24	0.72	ppb
Lead	207-1	2.99	3.01	3.05	3.01	0.99	ppb
Lead	208-1	3.08	3.07	3.10	3.08	0.54	ppb
Lithium	6-1				86		%
Magnesium	24-2	3124.39	3085.32	3217.71	3142.47	2.16	ppb
Manganese	55-2	338.46	332.72	348.74	339.97	2.39	ppb
Molybdenum	94-1	4.80	4.80	4.73	4.78	0.85	ppb
Molybdenum	95-1	0.12	0.11	0.13	0.12	7.84	ppb
Molybdenum	96-1	0.70	0.69	0.68	0.69	1.38	ppb
Molybdenum	97-1	0.12	0.12	0.13	0.13	7.14	ppb
Molybdenum	98-1	0.12	0.13	0.12	0.12	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.35	14.30	14.97	14.54	2.56	ppb
Phosphorus	31-2	275.93	259.21	269.61	268.25	3.15	ppb
Potassium	39-2	609.89	603.20	628.21	613.77	2.11	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	0.17	0.73	0.46	0.45	62.35	ppb
Selenium	77-2	3.04	2.16	1.74	2.31	28.70	ppb
Selenium	78-2	0.14	0.18	-0.09	0.07	197.83	ppb
Silicon	28-1	355.22	354.14	352.88	354.08	0.33	ppb
Silver	107-1	0.01	0.01	0.01	0.01	2.61	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.69	ppb
Sodium	23-2	40.57	41.05	42.89	41.50	2.96	ppb
Strontium	86-1	302.16	308.04	303.72	304.64	1.00	ppb
Strontium	88-1	302.71	307.61	308.37	306.23	1.00	ppb
Sulfur	34-1	-826.46	-766.56	-787.99	-793.67		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.04	0.04	0.04	1.48	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.00	ppb
Tin	118-1	0.39	0.40	0.39	0.40	0.82	ppb
Titanium	47-1	82.76	82.81	82.42	82.66	0.25	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 22:21:41	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.11	0.11	0.11	2.62	ppb
Vanadium	51-2	20.95	21.02	21.43	21.13	1.22	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	28.51	28.36	29.79	28.89	2.72	ppb
Zirconium	90-1	2.64	2.73	2.66	2.67	1.75	ppb
Zirconium	91-1	2.66	2.71	2.64	2.67	1.44	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:24:50	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21099.40	20890.26	21042.39	21010.68	0.51	ppb
Antimony	121-1	75.52	76.64	77.88	76.68	1.54	ppb
Arsenic	75-2	110.67	110.25	110.81	110.58	0.27	ppb
Barium	135-1	1691.70	1686.83	1735.16	1704.56	1.56	ppb
Barium	137-1	1682.03	1674.73	1712.35	1689.70	1.18	ppb
Beryllium	9-1	35.99	36.20	39.65	37.28	5.51	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.51	34.23	34.35	34.36	0.41	ppb
Cadmium	106-1	34.39	34.41	33.59	34.13	1.37	ppb
Cadmium	111-1	37.44	37.64	37.59	37.55	0.28	ppb
Calcium	43-1	39701.45	39496.01	40142.07	39779.85	0.83	ppb
Calcium	44-1	39818.19	39948.22	39678.67	39815.03	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	209.53	201.63	210.63	207.26	2.37	ppb
Cobalt	59-2	397.58	391.12	402.08	396.93	1.39	ppb
Copper	63-2	247.97	248.83	247.23	248.01	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	59105.22	58507.46	60000.57	59204.42	1.27	ppb
Iron	57-2	58266.70	57401.67	59214.14	58294.17	1.56	ppb
Iron	54-2	58499.74	57426.98	58412.39	58113.04	1.03	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:24:50	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.09	29.26	29.51	29.28	0.72	ppb
Lead	207-1	27.82	27.66	27.88	27.79	0.41	ppb
Lead	208-1	28.20	28.32	28.43	28.32	0.40	ppb
Lithium	6-1				81		%
Magnesium	24-2	13865.60	13633.09	13784.80	13761.17	0.86	ppb
Manganese	55-2	1813.90	1791.47	1858.43	1821.27	1.87	ppb
Molybdenum	94-1	21.97	21.88	22.17	22.01	0.68	ppb
Molybdenum	95-1	0.58	0.57	0.58	0.58	1.34	ppb
Molybdenum	96-1	3.14	3.13	3.20	3.16	1.18	ppb
Molybdenum	97-1	0.55	0.58	0.57	0.57	2.48	ppb
Molybdenum	98-1	0.55	0.57	0.59	0.57	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	432.89	424.87	441.60	433.12	1.93	ppb
Phosphorus	31-2	1178.70	1172.55	1202.54	1184.60	1.34	ppb
Potassium	39-2	2451.99	2437.10	2510.15	2466.42	1.57	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	63.69	63.57	63.52	63.59	0.14	ppb
Selenium	77-2	73.50	76.42	69.61	73.18	4.67	ppb
Selenium	78-2	64.80	62.69	64.54	64.01	1.80	ppb
Silicon	28-1	1603.71	1583.00	1584.94	1590.55	0.72	ppb
Silver	107-1	28.89	29.20	29.28	29.12	0.70	ppb
Silver	109-1	29.13	29.32	29.54	29.33	0.70	ppb
Sodium	23-2	132.36	132.56	138.66	134.53	2.66	ppb
Strontium	86-1	1349.51	1367.83	1376.25	1364.53	1.00	ppb
Strontium	88-1	1377.55	1364.31	1378.32	1373.39	0.57	ppb
Sulfur	34-1	-661.76	-699.01	-690.81	-683.86		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	36.50	36.42	36.82	36.58	0.59	ppb
Thallium	205-1	36.32	36.43	37.14	36.63	1.22	ppb
Tin	118-1	1.74	1.84	1.80	1.80	2.67	ppb
Titanium	47-1	371.90	374.46	378.48	374.95	0.88	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:24:50	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.49	0.49	0.49	0.49	0.60	ppb
Vanadium	51-2	441.97	436.49	449.82	442.76	1.51	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	476.82	472.15	480.44	476.47	0.87	ppb
Zirconium	90-1	12.16	12.28	12.35	12.27	0.81	ppb
Zirconium	91-1	12.06	12.33	12.41	12.27	1.51	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:27:49	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24847.39	24783.62	25369.66	25000.22	1.29	ppb
Antimony	121-1	278.85	288.97	292.49	286.77	2.47	ppb
Arsenic	75-2	192.50	196.28	192.81	193.87	1.08	ppb
Barium	135-1	5805.38	6034.99	6116.40	5985.59	2.69	ppb
Barium	137-1	5840.70	6046.60	6099.37	5995.56	2.28	ppb
Beryllium	9-1	146.90	144.68	147.31	146.30	0.97	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	124.90	131.58	132.28	129.59	3.14	ppb
Cadmium	106-1	125.74	130.05	131.98	129.26	2.47	ppb
Cadmium	111-1	140.96	145.49	148.55	145.00	2.63	ppb
Calcium	43-1	36877.76	37923.82	38457.39	37752.99	2.13	ppb
Calcium	44-1	36298.45	37924.45	38141.17	37454.69	2.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	662.67	674.63	670.41	669.24	0.91	ppb
Cobalt	59-2	1538.83	1559.72	1594.12	1564.23	1.78	ppb
Copper	63-2	792.37	801.18	813.55	802.37	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	60524.93	60426.59	61002.14	60651.22	0.51	ppb
Iron	57-2	58793.01	59442.06	60065.51	59433.53	1.07	ppb
Iron	54-2	59558.78	60405.58	60170.13	60044.83	0.73	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:27:49	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.57	73.47	73.52	72.52	2.33	ppb
Lead	207-1	67.14	70.30	71.07	69.50	3.00	ppb
Lead	208-1	68.16	71.33	72.89	70.79	3.40	ppb
Lithium	6-1				83		%
Magnesium	24-2	13381.28	13654.89	13710.34	13582.17	1.30	ppb
Manganese	55-2	2911.09	2924.30	2920.01	2918.47	0.23	ppb
Molybdenum	94-1	20.54	21.64	22.00	21.39	3.54	ppb
Molybdenum	95-1	0.57	0.58	0.59	0.58	1.97	ppb
Molybdenum	96-1	3.01	3.09	3.16	3.09	2.43	ppb
Molybdenum	97-1	0.55	0.56	0.57	0.56	2.00	ppb
Molybdenum	98-1	0.59	0.60	0.60	0.60	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1588.00	1610.67	1613.16	1603.94	0.86	ppb
Phosphorus	31-2	1168.40	1172.51	1184.25	1175.05	0.70	ppb
Potassium	39-2	2421.85	2420.73	2473.99	2438.85	1.25	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	281.11	291.69	298.35	290.38	2.99	ppb
Selenium	77-2	295.11	305.54	297.74	299.46	1.81	ppb
Selenium	78-2	285.56	290.55	283.27	286.46	1.30	ppb
Silicon	28-1	1493.26	1552.96	1546.29	1530.84	2.14	ppb
Silver	107-1	114.09	119.30	121.38	118.26	3.18	ppb
Silver	109-1	117.45	119.62	121.79	119.62	1.82	ppb
Sodium	23-2	133.10	135.55	138.83	135.83	2.12	ppb
Strontium	86-1	1280.83	1319.32	1353.39	1317.85	2.75	ppb
Strontium	88-1	1283.33	1338.02	1358.12	1326.49	2.92	ppb
Sulfur	34-1	-917.54	-905.00	-920.27	-914.27		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	139.58	146.08	147.31	144.32	2.88	ppb
Thallium	205-1	137.47	143.34	146.70	142.50	3.28	ppb
Tin	118-1	1.65	1.73	1.77	1.72	3.30	ppb
Titanium	47-1	348.00	364.01	370.19	360.73	3.17	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:27:49	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.47	0.48	0.50	0.48	3.30	ppb
Vanadium	51-2	1532.85	1558.64	1567.43	1552.97	1.16	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	1625.23	1602.05	1636.94	1621.41	1.09	ppb
Zirconium	90-1	11.63	11.98	12.24	11.95	2.57	ppb
Zirconium	91-1	11.55	12.08	12.28	11.97	3.11	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BL	Instrumnet Name :	P7
Client Sample ID :	PBS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:30:42	DataFile Name :	182CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.13	0.16	0.24	68.59	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	17.62	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	99.29	ppb
Barium	135-1	0.17	0.12	0.07	0.12	40.53	ppb
Barium	137-1	0.18	0.11	0.07	0.12	47.43	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	32.13	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.01	0.00	0.00		ppb
Cadmium	106-1	-0.50	-0.22	-1.10	-0.61		ppb
Cadmium	111-1	-0.02	0.00	-0.07	-0.03		ppb
Calcium	43-1	11.54	7.95	10.03	9.84	18.32	ppb
Calcium	44-1	6.06	7.15	7.74	6.98	12.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	170.38	ppb
Copper	63-2	0.07	0.08	0.05	0.06	23.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	0.14	0.17	0.01	0.10	83.05	ppb
Iron	57-2	-1.79	-1.12	-1.66	-1.52		ppb
Iron	54-2	-1.47	-1.55	-1.44	-1.48		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BL	Instrumnet Name :	P7
Client Sample ID :	PBS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:30:42	DataFile Name :	182CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.02	0.02	8.95	ppb
Lead	207-1	0.02	0.01	0.02	0.02	5.25	ppb
Lead	208-1	0.02	0.02	0.02	0.02	5.12	ppb
Lithium	6-1				90		%
Magnesium	24-2	-0.61	-0.71	-0.72	-0.68		ppb
Manganese	55-2	0.06	0.07	0.05	0.06	13.42	ppb
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.01	121.84	ppb
Phosphorus	31-2	-21.35	-19.98	-21.27	-20.87		ppb
Potassium	39-2	6.03	5.38	3.67	5.03	24.20	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.14	-0.08	0.05	0.04	312.09	ppb
Selenium	77-2	0.23	0.06	0.06	0.11	87.24	ppb
Selenium	78-2	-0.02	0.35	0.04	0.13	158.27	ppb
Silicon	28-1	-10.98	-10.39	-9.79	-10.39		ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.95	ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.80	ppb
Sodium	23-2	11.78	11.63	10.85	11.42	4.36	ppb
Strontium	86-1	-0.01	0.28	0.13	0.13	105.73	ppb
Strontium	88-1	0.25	0.29	0.24	0.26	10.33	ppb
Sulfur	34-1	-1001.49	-904.96	-834.24	-913.56		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.03	0.02	0.02	15.83	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.97	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.01	0.01	0.01	0.01	2.72	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BL	Instrumnet Name :	P7
Client Sample ID :	PBS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:30:42	DataFile Name :	182CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	36.42	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	0.59	0.52	0.57	0.56	6.38	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BS	Instrumnet Name :	P7
Client Sample ID :	LCS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:33:59	DataFile Name :	183LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.56	40.47	42.23	40.75	3.33	ppb
Antimony	121-1	4.28	4.25	4.22	4.25	0.69	ppb
Arsenic	75-2	2.26	2.24	2.11	2.21	3.65	ppb
Barium	135-1	20.72	20.57	20.87	20.72	0.74	ppb
Barium	137-1	20.84	20.70	20.66	20.73	0.46	ppb
Beryllium	9-1	2.29	2.08	2.05	2.14	6.02	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.28	2.09	2.23	2.20	4.46	ppb
Cadmium	106-1	2.00	1.64	1.81	1.82	9.89	ppb
Cadmium	111-1	2.28	2.14	2.20	2.21	3.14	ppb
Calcium	43-1	1048.65	1041.36	1032.47	1040.83	0.78	ppb
Calcium	44-1	1052.19	1036.86	1047.12	1045.39	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.29	4.43	4.37	4.36	1.53	ppb
Cobalt	59-2	2.22	2.24	2.25	2.24	0.52	ppb
Copper	63-2	4.58	4.62	4.69	4.63	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	458.31	458.11	457.95	458.12	0.04	ppb
Iron	57-2	457.98	472.54	465.42	465.31	1.56	ppb
Iron	54-2	459.63	461.76	460.97	460.79	0.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BS	Instrumnet Name :	P7
Client Sample ID :	LCS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:33:59	DataFile Name :	183LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.10	2.14	2.15	2.13	1.29	ppb
Lead	207-1	2.05	2.12	2.08	2.08	1.72	ppb
Lead	208-1	2.09	2.13	2.13	2.12	1.21	ppb
Lithium	6-1				93		%
Magnesium	24-2	1098.28	1104.93	1106.31	1103.18	0.39	ppb
Manganese	55-2	2.12	2.26	2.29	2.22	4.04	ppb
Molybdenum	94-1	11.87	12.03	12.12	12.01	1.08	ppb
Molybdenum	95-1	10.05	10.14	10.18	10.12	0.65	ppb
Molybdenum	96-1	10.25	10.27	10.32	10.28	0.32	ppb
Molybdenum	97-1	10.26	10.29	10.29	10.28	0.16	ppb
Molybdenum	98-1	10.17	10.18	10.18	10.18	0.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	2.30	2.27	2.28	0.83	ppb
Phosphorus	31-2	-21.30	-21.44	-21.54	-21.42		ppb
Potassium	39-2	1083.38	1104.83	1113.44	1100.55	1.41	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	10.78	10.37	11.00	10.72	2.96	ppb
Selenium	77-2	10.85	12.33	10.09	11.09	10.25	ppb
Selenium	78-2	11.34	10.73	10.75	10.94	3.20	ppb
Silicon	28-1	-3.15	-3.27	-3.73	-3.39		ppb
Silver	107-1	2.17	2.13	2.15	2.15	0.80	ppb
Silver	109-1	2.14	2.17	2.14	2.15	0.76	ppb
Sodium	23-2	1044.32	1054.92	1063.75	1054.33	0.92	ppb
Strontium	86-1	50.29	53.45	51.65	51.80	3.06	ppb
Strontium	88-1	52.32	52.64	52.16	52.37	0.47	ppb
Sulfur	34-1	-645.97	-644.64	-683.32	-657.98		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	2.06	2.06	2.12	2.08	1.60	ppb
Thallium	205-1	2.05	2.08	2.06	2.06	0.76	ppb
Tin	118-1	0.01	0.00	0.00	0.00	161.20	ppb
Titanium	47-1	10.53	10.31	10.32	10.38	1.19	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BS	Instrumnet Name :	P7
Client Sample ID :	LCS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:33:59	DataFile Name :	183LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.92	1.94	1.97	1.94	1.22	ppb
Vanadium	51-2	10.57	10.59	10.49	10.55	0.51	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	11.78	12.16	12.02	11.99	1.57	ppb
Zirconium	90-1	2.11	2.07	2.06	2.08	1.10	ppb
Zirconium	91-1	2.08	2.11	2.15	2.11	1.70	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:37:14	DataFile Name :	184LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.00	20.09	20.00	20.03	0.28	ppb
Antimony	121-1	2.05	2.11	2.10	2.09	1.47	ppb
Arsenic	75-2	1.09	1.15	1.18	1.14	4.11	ppb
Barium	135-1	10.11	10.11	10.23	10.15	0.69	ppb
Barium	137-1	9.98	10.16	10.27	10.14	1.43	ppb
Beryllium	9-1	0.97	0.98	1.02	0.99	2.88	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.23	1.10	1.05	1.13	8.41	ppb
Cadmium	106-1	0.45	1.03	1.23	0.90	45.30	ppb
Cadmium	111-1	1.01	1.10	1.18	1.10	7.91	ppb
Calcium	43-1	520.55	526.56	530.16	525.76	0.92	ppb
Calcium	44-1	515.74	517.95	522.86	518.85	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.11	2.12	2.11	2.12	0.31	ppb
Cobalt	59-2	1.06	1.09	1.08	1.08	1.33	ppb
Copper	63-2	2.21	2.24	2.27	2.24	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	220.44	221.46	219.08	220.33	0.54	ppb
Iron	57-2	225.29	223.01	222.13	223.48	0.73	ppb
Iron	54-2	221.99	225.69	221.65	223.11	1.00	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:37:14	DataFile Name :	184LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.06	1.05	1.08	1.06	1.65	ppb
Lead	207-1	1.05	1.02	1.04	1.03	1.62	ppb
Lead	208-1	1.05	1.05	1.06	1.05	0.80	ppb
Lithium	6-1				95		%
Magnesium	24-2	532.43	542.42	544.15	539.67	1.17	ppb
Manganese	55-2	1.09	1.11	1.07	1.09	1.78	ppb
Molybdenum	94-1	5.81	6.04	5.95	5.93	1.92	ppb
Molybdenum	95-1	4.94	5.06	4.95	4.98	1.28	ppb
Molybdenum	96-1	5.03	5.08	5.05	5.05	0.50	ppb
Molybdenum	97-1	4.92	5.07	5.01	5.00	1.48	ppb
Molybdenum	98-1	5.01	5.07	5.06	5.05	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.07	1.10	1.08	1.78	ppb
Phosphorus	31-2	-21.60	-21.26	-20.13	-21.00		ppb
Potassium	39-2	534.81	546.18	535.38	538.79	1.19	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	5.34	5.85	5.74	5.64	4.73	ppb
Selenium	77-2	4.63	5.25	5.20	5.03	6.91	ppb
Selenium	78-2	5.54	4.74	5.59	5.29	8.97	ppb
Silicon	28-1	-5.98	-5.68	-5.91	-5.86		ppb
Silver	107-1	1.01	1.07	1.05	1.04	2.68	ppb
Silver	109-1	1.04	1.07	1.07	1.06	1.38	ppb
Sodium	23-2	494.91	497.79	492.43	495.04	0.54	ppb
Strontium	86-1	25.27	25.11	25.85	25.41	1.54	ppb
Strontium	88-1	25.65	25.88	25.57	25.70	0.64	ppb
Sulfur	34-1	-582.46	-530.63	-473.18	-528.76		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	1.03	1.02	1.04	1.03	0.96	ppb
Thallium	205-1	1.03	1.03	1.00	1.02	1.53	ppb
Tin	118-1	-0.02	0.19	-0.01	0.05	220.19	ppb
Titanium	47-1	4.98	5.07	5.14	5.06	1.58	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:37:14	DataFile Name :	184LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.94	0.95	0.95	0.59	ppb
Vanadium	51-2	5.11	5.13	5.14	5.13	0.31	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	6.25	6.17	6.31	6.25	1.11	ppb
Zirconium	90-1	1.01	1.02	1.03	1.02	0.90	ppb
Zirconium	91-1	1.03	1.03	1.07	1.04	2.34	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-01	Instrumnet Name :	P7
Client Sample ID :	MYE5J2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:40:34	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28385.60	28562.72	28636.89	28528.41	0.45	ppb
Antimony	121-1	1.06	1.05	1.04	1.05	0.56	ppb
Arsenic	75-2	53.22	53.75	52.61	53.19	1.07	ppb
Barium	135-1	373.43	376.71	364.75	371.63	1.66	ppb
Barium	137-1	370.18	366.74	364.59	367.17	0.77	ppb
Beryllium	9-1	1.08	1.07	1.19	1.11	5.95	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.08	1.08	0.96	1.04	6.57	ppb
Cadmium	106-1	1.51	1.45	0.29	1.09	63.55	ppb
Cadmium	111-1	0.68	0.67	0.57	0.64	9.44	ppb
Calcium	43-1	10767.58	10959.54	11000.37	10909.16	1.14	ppb
Calcium	44-1	10551.13	10626.85	10729.04	10635.67	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.02	50.91	51.14	51.36	1.14	ppb
Cobalt	59-2	32.71	32.51	32.57	32.59	0.31	ppb
Copper	63-2	100.80	100.76	100.47	100.67	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	57775.52	56138.63	57879.39	57264.51	1.71	ppb
Iron	57-2	57237.50	56467.37	56256.27	56653.71	0.91	ppb
Iron	54-2	55985.60	55273.72	56435.00	55898.11	1.05	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-01	Instrumnet Name :	P7
Client Sample ID :	MYE5J2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:40:34	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.61	33.14	32.32	32.69	1.28	ppb
Lead	207-1	31.77	31.78	31.19	31.58	1.06	ppb
Lead	208-1	31.75	32.05	31.51	31.77	0.85	ppb
Lithium	6-1				91		%
Magnesium	24-2	13844.17	13651.58	13681.91	13725.89	0.75	ppb
Manganese	55-2	1744.58	1714.22	1755.15	1737.99	1.22	ppb
Molybdenum	94-1	11.38	11.37	11.32	11.36	0.25	ppb
Molybdenum	95-1	0.64	0.65	0.63	0.64	1.02	ppb
Molybdenum	96-1	2.09	2.14	2.06	2.10	1.92	ppb
Molybdenum	97-1	0.65	0.66	0.63	0.65	2.04	ppb
Molybdenum	98-1	0.63	0.61	0.63	0.62	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.02	55.25	55.31	55.19	0.27	ppb
Phosphorus	31-2	1536.28	1556.29	1539.21	1543.92	0.70	ppb
Potassium	39-2	6727.55	6628.73	6674.67	6676.99	0.74	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	0.37	0.49	0.30	0.39	23.90	ppb
Selenium	77-2	13.35	13.50	16.19	14.35	11.13	ppb
Selenium	78-2	3.31	2.22	2.02	2.52	27.52	ppb
Silicon	28-1	1525.88	1534.75	1547.60	1536.07	0.71	ppb
Silver	107-1	0.16	0.14	0.13	0.14	7.81	ppb
Silver	109-1	0.16	0.15	0.14	0.15	5.73	ppb
Sodium	23-2	268.87	266.34	269.50	268.24	0.62	ppb
Strontium	86-1	2257.81	2270.05	2240.67	2256.18	0.65	ppb
Strontium	88-1	2279.95	2281.34	2284.64	2281.98	0.11	ppb
Sulfur	34-1	-561.44	-648.47	-744.08	-651.33		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.33	0.31	0.31	0.32	3.12	ppb
Thallium	205-1	0.31	0.30	0.29	0.30	3.58	ppb
Tin	118-1	2.19	2.15	2.12	2.15	1.60	ppb
Titanium	47-1	550.51	569.48	571.29	563.76	2.04	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-01	Instrumnet Name :	P7
Client Sample ID :	MYE5J2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:40:34	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.68	0.66	0.67	0.99	ppb
Vanadium	51-2	86.85	85.35	86.26	86.15	0.88	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	169.84	169.79	170.85	170.16	0.35	ppb
Zirconium	90-1	6.13	6.20	6.19	6.17	0.56	ppb
Zirconium	91-1	6.21	6.20	6.17	6.19	0.37	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-02	Instrumnet Name :	P7
Client Sample ID :	MYE5J3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:43:38	DataFile Name :	186SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30404.56	29120.20	29607.16	29710.64	2.18	ppb
Antimony	121-1	1.90	1.95	1.98	1.94	1.92	ppb
Arsenic	75-2	100.33	100.77	101.33	100.81	0.50	ppb
Barium	135-1	365.72	370.32	370.61	368.88	0.74	ppb
Barium	137-1	360.03	364.27	370.04	364.78	1.38	ppb
Beryllium	9-1	0.94	1.08	1.14	1.05	9.94	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.06	1.01	1.02	1.03	2.46	ppb
Cadmium	106-1	0.95	0.77	0.20	0.64	61.35	ppb
Cadmium	111-1	0.47	0.46	0.47	0.47	0.63	ppb
Calcium	43-1	14886.19	15079.42	14899.31	14954.97	0.72	ppb
Calcium	44-1	14333.34	14501.65	14289.52	14374.83	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.21	73.27	73.19	73.89	1.55	ppb
Cobalt	59-2	35.75	34.30	34.73	34.93	2.14	ppb
Copper	63-2	129.96	126.67	125.74	127.45	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	69911.17	68449.54	69049.46	69136.72	1.06	ppb
Iron	57-2	69699.38	67015.20	67224.83	67979.80	2.20	ppb
Iron	54-2	68631.90	67560.14	66876.87	67689.64	1.31	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-02	Instrumnet Name :	P7
Client Sample ID :	MYE5J3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:43:38	DataFile Name :	186SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.19	24.59	24.60	24.46	0.96	ppb
Lead	207-1	23.03	23.41	23.40	23.28	0.93	ppb
Lead	208-1	23.38	23.83	23.91	23.71	1.18	ppb
Lithium	6-1				88		%
Magnesium	24-2	16310.82	15927.72	15983.25	16073.93	1.29	ppb
Manganese	55-2	1911.57	1860.26	1873.63	1881.82	1.41	ppb
Molybdenum	94-1	11.18	11.44	11.29	11.30	1.16	ppb
Molybdenum	95-1	1.10	1.12	1.10	1.11	1.17	ppb
Molybdenum	96-1	2.47	2.53	2.51	2.50	1.14	ppb
Molybdenum	97-1	1.09	1.13	1.10	1.11	2.23	ppb
Molybdenum	98-1	1.06	1.11	1.09	1.09	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.58	65.30	64.57	65.48	1.55	ppb
Phosphorus	31-2	1678.95	1607.42	1626.06	1637.48	2.27	ppb
Potassium	39-2	6770.45	6606.86	6558.22	6645.18	1.67	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.46	0.44	0.33	0.41	16.40	ppb
Selenium	77-2	13.81	12.56	12.59	12.99	5.51	ppb
Selenium	78-2	2.76	3.18	3.61	3.18	13.39	ppb
Silicon	28-1	1404.13	1402.40	1386.45	1397.66	0.70	ppb
Silver	107-1	0.15	0.15	0.14	0.15	3.38	ppb
Silver	109-1	0.15	0.15	0.15	0.15	2.05	ppb
Sodium	23-2	136.27	132.07	132.36	133.57	1.76	ppb
Strontium	86-1	2499.06	2540.56	2529.91	2523.18	0.85	ppb
Strontium	88-1	2526.28	2568.86	2576.89	2557.34	1.06	ppb
Sulfur	34-1	-764.30	-766.15	-843.84	-791.43		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.21	0.20	0.20	0.21	1.90	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	0.68	ppb
Tin	118-1	1.96	1.97	1.97	1.97	0.15	ppb
Titanium	47-1	404.45	405.77	414.58	408.27	1.35	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-02	Instrumnet Name :	P7
Client Sample ID :	MYE5J3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:43:38	DataFile Name :	186SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.81	0.81	0.80	1.22	ppb
Vanadium	51-2	108.58	105.69	105.18	106.48	1.72	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	185.99	181.54	181.03	182.85	1.49	ppb
Zirconium	90-1	5.83	6.05	5.96	5.95	1.89	ppb
Zirconium	91-1	5.84	5.99	5.95	5.92	1.34	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-03	Instrumnet Name :	P7
Client Sample ID :	MYE5J4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:46:45	DataFile Name :	187SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18683.33	18939.79	19236.41	18953.18	1.46	ppb
Antimony	121-1	2.18	2.29	2.26	2.24	2.57	ppb
Arsenic	75-2	60.60	61.12	61.15	60.96	0.51	ppb
Barium	135-1	246.50	249.78	249.31	248.53	0.71	ppb
Barium	137-1	247.67	253.55	249.33	250.18	1.21	ppb
Beryllium	9-1	0.64	0.69	0.68	0.67	3.99	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.74	0.89	0.86	0.83	9.60	ppb
Cadmium	106-1	0.37	-0.08	0.03	0.11	220.76	ppb
Cadmium	111-1	0.51	0.51	0.49	0.50	2.74	ppb
Calcium	43-1	20311.09	20626.24	20470.14	20469.16	0.77	ppb
Calcium	44-1	19991.97	20155.12	20391.54	20179.54	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.88	67.22	68.48	67.86	0.93	ppb
Cobalt	59-2	27.92	27.83	28.32	28.02	0.93	ppb
Copper	63-2	81.01	80.14	81.18	80.78	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	51978.40	50665.08	51786.39	51476.62	1.38	ppb
Iron	57-2	51033.83	50310.41	50962.61	50768.95	0.79	ppb
Iron	54-2	50823.32	50463.18	51269.31	50851.94	0.79	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-03	Instrumnet Name :	P7
Client Sample ID :	MYE5J4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:46:45	DataFile Name :	187SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.86	14.25	14.09	14.07	1.37	ppb
Lead	207-1	12.94	13.36	13.22	13.17	1.60	ppb
Lead	208-1	13.21	13.55	13.42	13.40	1.28	ppb
Lithium	6-1				85		%
Magnesium	24-2	15128.76	15447.65	15415.26	15330.56	1.14	ppb
Manganese	55-2	1510.82	1467.68	1501.12	1493.21	1.52	ppb
Molybdenum	94-1	6.30	6.48	6.79	6.52	3.79	ppb
Molybdenum	95-1	0.88	0.91	0.89	0.89	1.93	ppb
Molybdenum	96-1	1.70	1.76	1.77	1.74	2.17	ppb
Molybdenum	97-1	0.90	0.90	0.85	0.88	3.31	ppb
Molybdenum	98-1	0.88	0.89	0.85	0.87	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.83	54.45	54.99	54.76	0.51	ppb
Phosphorus	31-2	1489.63	1481.78	1505.95	1492.46	0.83	ppb
Potassium	39-2	3903.08	3881.23	3917.82	3900.71	0.47	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.79	0.80	0.91	0.83	8.26	ppb
Selenium	77-2	10.11	9.46	9.72	9.76	3.35	ppb
Selenium	78-2	1.71	2.53	2.83	2.36	24.62	ppb
Silicon	28-1	1337.84	1339.77	1319.90	1332.50	0.82	ppb
Silver	107-1	0.06	0.07	0.07	0.07	7.20	ppb
Silver	109-1	0.07	0.07	0.07	0.07	2.32	ppb
Sodium	23-2	375.88	378.33	380.80	378.34	0.65	ppb
Strontium	86-1	4040.21	4096.92	4096.99	4078.04	0.80	ppb
Strontium	88-1	4129.13	4122.12	4186.45	4145.90	0.85	ppb
Sulfur	34-1	-323.25	-258.66	-287.87	-289.93		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.13	0.14	0.13	0.13	3.98	ppb
Thallium	205-1	0.12	0.12	0.13	0.13	3.31	ppb
Tin	118-1	1.63	1.66	1.66	1.65	1.18	ppb
Titanium	47-1	311.33	316.19	313.15	313.56	0.78	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-03	Instrumnet Name :	P7
Client Sample ID :	MYE5J4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:46:45	DataFile Name :	187SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.15	1.14	1.14	0.92	ppb
Vanadium	51-2	83.00	82.02	83.46	82.83	0.89	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	173.91	172.88	173.86	173.55	0.33	ppb
Zirconium	90-1	3.20	3.26	3.25	3.24	0.92	ppb
Zirconium	91-1	3.27	3.27	3.34	3.29	1.26	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-04	Instrumnet Name :	P7
Client Sample ID :	MYE5J5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:49:50	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31422.86	31683.68	32299.75	31802.10	1.42	ppb
Antimony	121-1	2.22	2.17	2.17	2.18	1.29	ppb
Arsenic	75-2	89.11	89.85	89.82	89.59	0.47	ppb
Barium	135-1	414.59	400.74	401.21	405.52	1.94	ppb
Barium	137-1	411.11	402.85	395.92	403.29	1.89	ppb
Beryllium	9-1	1.09	1.11	0.96	1.05	8.12	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.15	1.22	1.09	1.16	5.54	ppb
Cadmium	106-1	1.23	0.85	-0.22	0.62	121.41	ppb
Cadmium	111-1	0.57	0.52	0.48	0.52	8.48	ppb
Calcium	43-1	10845.81	10592.44	10553.25	10663.83	1.49	ppb
Calcium	44-1	10496.44	10063.09	10186.67	10248.73	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.30	83.02	86.79	84.04	2.87	ppb
Cobalt	59-2	39.32	39.90	41.11	40.11	2.28	ppb
Copper	63-2	136.98	137.29	144.66	139.64	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	77212.80	78171.43	80482.42	78622.22	2.14	ppb
Iron	57-2	75844.90	77081.58	80070.48	77665.66	2.80	ppb
Iron	54-2	75403.46	77724.68	79679.80	77602.65	2.76	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-04	Instrumnet Name :	P7
Client Sample ID :	MYE5J5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:49:50	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.18	24.69	24.60	24.82	1.25	ppb
Lead	207-1	23.92	23.10	23.07	23.36	2.05	ppb
Lead	208-1	24.09	23.53	23.57	23.73	1.32	ppb
Lithium	6-1				81		%
Magnesium	24-2	17241.56	17200.02	17692.14	17377.91	1.57	ppb
Manganese	55-2	1953.07	1992.44	2030.13	1991.88	1.93	ppb
Molybdenum	94-1	14.27	14.14	14.18	14.20	0.49	ppb
Molybdenum	95-1	1.21	1.23	1.20	1.21	1.46	ppb
Molybdenum	96-1	3.00	2.96	3.00	2.99	0.81	ppb
Molybdenum	97-1	1.23	1.24	1.24	1.24	0.39	ppb
Molybdenum	98-1	1.24	1.19	1.17	1.20	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.70	72.14	74.45	72.43	2.61	ppb
Phosphorus	31-2	1766.59	1816.76	1895.18	1826.18	3.55	ppb
Potassium	39-2	6362.08	6436.77	6623.76	6474.20	2.08	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	0.79	0.59	0.56	0.65	19.40	ppb
Selenium	77-2	13.97	14.58	14.67	14.40	2.63	ppb
Selenium	78-2	2.48	3.43	3.15	3.02	16.22	ppb
Silicon	28-1	1439.27	1402.41	1406.28	1415.99	1.43	ppb
Silver	107-1	0.26	0.26	0.26	0.26	0.61	ppb
Silver	109-1	0.26	0.26	0.27	0.27	1.77	ppb
Sodium	23-2	127.12	129.52	134.88	130.51	3.04	ppb
Strontium	86-1	1938.59	1901.10	1901.02	1913.57	1.13	ppb
Strontium	88-1	1968.09	1916.44	1914.77	1933.10	1.57	ppb
Sulfur	34-1	-919.22	-1064.07	-1105.46	-1029.58		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.20	0.19	0.20	0.20	3.83	ppb
Thallium	205-1	0.20	0.19	0.19	0.19	4.30	ppb
Tin	118-1	2.70	2.68	2.69	2.69	0.43	ppb
Titanium	47-1	500.93	475.11	477.78	484.61	2.93	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-04	Instrumnet Name :	P7
Client Sample ID :	MYE5J5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:49:50	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.85	0.82	0.85	2.95	ppb
Vanadium	51-2	110.18	111.50	115.47	112.38	2.45	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	209.53	213.59	219.73	214.28	2.40	ppb
Zirconium	90-1	7.58	7.44	7.41	7.48	1.26	ppb
Zirconium	91-1	7.78	7.46	7.36	7.53	2.94	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-05	Instrumnet Name :	P7
Client Sample ID :	MYE5J6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:52:56	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39477.10	40371.91	38504.31	39451.11	2.37	ppb
Antimony	121-1	7.02	7.22	7.25	7.16	1.72	ppb
Arsenic	75-2	100.48	102.80	102.44	101.91	1.22	ppb
Barium	135-1	441.03	449.73	451.09	447.28	1.22	ppb
Barium	137-1	445.36	451.35	454.03	450.25	0.99	ppb
Beryllium	9-1	1.34	1.29	1.38	1.34	3.53	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.77	1.82	2.02	1.87	7.13	ppb
Cadmium	106-1	1.69	0.77	1.30	1.25	37.00	ppb
Cadmium	111-1	0.98	0.93	1.01	0.97	4.06	ppb
Calcium	43-1	18036.65	18823.31	18244.50	18368.15	2.22	ppb
Calcium	44-1	18101.12	18757.43	18367.85	18408.80	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86.95	86.46	84.40	85.94	1.58	ppb
Cobalt	59-2	41.61	41.55	40.87	41.34	0.99	ppb
Copper	63-2	136.16	137.22	137.66	137.02	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	85045.34	84686.24	82685.77	84139.12	1.51	ppb
Iron	57-2	82935.31	84534.02	81830.16	83099.83	1.64	ppb
Iron	54-2	83690.21	83680.92	81740.41	83037.18	1.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-05	Instrumnet Name :	P7
Client Sample ID :	MYE5J6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:52:56	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.98	28.42	28.37	27.92	2.92	ppb
Lead	207-1	25.67	26.86	26.16	26.23	2.28	ppb
Lead	208-1	26.02	27.31	27.02	26.79	2.52	ppb
Lithium	6-1				80		%
Magnesium	24-2	21361.69	21994.16	20954.64	21436.83	2.44	ppb
Manganese	55-2	2019.78	1990.65	1957.43	1989.29	1.57	ppb
Molybdenum	94-1	15.03	15.41	15.19	15.21	1.24	ppb
Molybdenum	95-1	1.31	1.28	1.30	1.30	0.94	ppb
Molybdenum	96-1	3.14	3.22	3.20	3.19	1.42	ppb
Molybdenum	97-1	1.28	1.36	1.35	1.33	3.41	ppb
Molybdenum	98-1	1.26	1.28	1.31	1.28	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.90	76.76	74.17	75.95	2.02	ppb
Phosphorus	31-2	3097.89	3156.76	3124.76	3126.47	0.94	ppb
Potassium	39-2	9187.68	9175.74	9096.25	9153.22	0.54	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	1.46	1.26	1.49	1.40	8.78	ppb
Selenium	77-2	14.41	15.06	16.94	15.47	8.50	ppb
Selenium	78-2	3.80	4.05	4.49	4.12	8.48	ppb
Silicon	28-1	1618.28	1635.61	1623.34	1625.75	0.55	ppb
Silver	107-1	0.93	0.95	0.96	0.95	1.38	ppb
Silver	109-1	0.94	0.97	0.97	0.96	1.97	ppb
Sodium	23-2	720.96	743.47	700.99	721.80	2.94	ppb
Strontium	86-1	5436.68	5483.50	5443.05	5454.41	0.47	ppb
Strontium	88-1	5475.81	5489.08	5498.76	5487.88	0.21	ppb
Sulfur	34-1	-297.25	-334.74	-389.11	-340.37		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.24	0.24	0.24	0.24	0.75	ppb
Thallium	205-1	0.23	0.24	0.24	0.23	1.40	ppb
Tin	118-1	4.53	4.63	4.62	4.59	1.16	ppb
Titanium	47-1	539.64	568.36	551.50	553.17	2.61	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-05	Instrumnet Name :	P7
Client Sample ID :	MYE5J6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:52:56	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.74	1.84	1.82	1.80	3.05	ppb
Vanadium	51-2	130.41	131.75	128.00	130.05	1.46	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	336.47	340.86	331.89	336.41	1.33	ppb
Zirconium	90-1	7.97	8.12	8.05	8.05	0.92	ppb
Zirconium	91-1	7.94	8.19	8.16	8.10	1.71	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-06	Instrumnet Name :	P7
Client Sample ID :	MYE5J7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:55:57	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27645.19	27225.45	26553.26	27141.30	2.03	ppb
Antimony	121-1	1.96	1.98	1.98	1.97	0.63	ppb
Arsenic	75-2	86.64	85.83	86.23	86.24	0.47	ppb
Barium	135-1	297.63	306.67	306.27	303.52	1.68	ppb
Barium	137-1	300.61	304.36	303.46	302.81	0.65	ppb
Beryllium	9-1	0.97	0.92	1.02	0.97	5.06	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.01	0.88	0.96	0.95	7.11	ppb
Cadmium	106-1	0.47	-0.12	-0.14	0.07	493.78	ppb
Cadmium	111-1	0.55	0.50	0.48	0.51	7.08	ppb
Calcium	43-1	14301.16	14514.79	14507.30	14441.08	0.84	ppb
Calcium	44-1	13788.48	13975.43	14033.88	13932.60	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.52	60.91	59.61	60.68	1.61	ppb
Cobalt	59-2	32.72	32.66	31.75	32.38	1.68	ppb
Copper	63-2	101.73	100.72	97.68	100.05	2.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	66064.16	64406.28	63282.75	64584.40	2.17	ppb
Iron	57-2	63938.72	64102.75	62627.55	63556.34	1.27	ppb
Iron	54-2	65234.18	63702.22	62296.16	63744.19	2.31	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-06	Instrumnet Name :	P7
Client Sample ID :	MYE5J7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:55:57	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.66	22.67	23.24	22.86	1.45	ppb
Lead	207-1	21.55	21.55	21.86	21.65	0.81	ppb
Lead	208-1	21.85	21.92	22.38	22.05	1.32	ppb
Lithium	6-1				83		%
Magnesium	24-2	15543.82	15496.42	15327.82	15456.02	0.73	ppb
Manganese	55-2	1597.68	1551.31	1534.13	1561.04	2.11	ppb
Molybdenum	94-1	9.03	9.33	9.49	9.28	2.50	ppb
Molybdenum	95-1	0.93	0.95	0.96	0.95	1.35	ppb
Molybdenum	96-1	2.10	2.20	2.19	2.16	2.61	ppb
Molybdenum	97-1	0.92	0.96	0.93	0.93	2.47	ppb
Molybdenum	98-1	0.90	0.93	0.92	0.92	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.37	55.91	55.69	55.99	0.62	ppb
Phosphorus	31-2	1596.88	1609.47	1559.86	1588.74	1.62	ppb
Potassium	39-2	4982.24	4918.99	4872.00	4924.41	1.12	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	1.09	1.16	1.21	1.15	5.22	ppb
Selenium	77-2	12.28	11.26	10.85	11.46	6.44	ppb
Selenium	78-2	3.32	2.28	2.94	2.85	18.55	ppb
Silicon	28-1	1405.98	1431.94	1396.59	1411.50	1.30	ppb
Silver	107-1	0.72	0.73	0.72	0.72	0.78	ppb
Silver	109-1	0.73	0.74	0.75	0.74	1.23	ppb
Sodium	23-2	300.49	297.60	293.21	297.10	1.23	ppb
Strontium	86-1	3496.31	3559.52	3561.61	3539.15	1.05	ppb
Strontium	88-1	3537.64	3594.69	3603.39	3578.57	1.00	ppb
Sulfur	34-1	-813.78	-815.19	-837.62	-822.20		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.15	0.16	0.17	0.16	5.95	ppb
Thallium	205-1	0.16	0.17	0.17	0.16	3.64	ppb
Tin	118-1	2.70	2.66	2.73	2.70	1.21	ppb
Titanium	47-1	370.67	378.23	375.64	374.85	1.03	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-06	Instrumnet Name :	P7
Client Sample ID :	MYE5J7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:55:57	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.99	1.02	0.99	2.03	ppb
Vanadium	51-2	101.02	101.10	98.63	100.25	1.40	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	212.17	210.43	208.00	210.20	0.99	ppb
Zirconium	90-1	4.70	4.88	4.83	4.80	1.95	ppb
Zirconium	91-1	4.73	4.83	4.87	4.81	1.51	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-07	Instrumnet Name :	P7
Client Sample ID :	MYE5J8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:59:06	DataFile Name :	191SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28527.30	29172.72	29177.58	28959.20	1.29	ppb
Antimony	121-1	2.39	2.43	2.43	2.42	1.08	ppb
Arsenic	75-2	82.80	83.72	84.09	83.54	0.79	ppb
Barium	135-1	369.08	357.56	364.67	363.77	1.60	ppb
Barium	137-1	355.65	355.16	357.07	355.96	0.28	ppb
Beryllium	9-1	0.97	0.96	1.04	0.99	4.11	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.00	0.90	0.94	0.95	5.53	ppb
Cadmium	106-1	0.61	0.89	0.29	0.60	50.21	ppb
Cadmium	111-1	0.42	0.44	0.41	0.42	3.10	ppb
Calcium	43-1	10049.11	10081.58	10027.51	10052.73	0.27	ppb
Calcium	44-1	9616.84	9644.50	9632.15	9631.16	0.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.75	86.31	86.98	86.01	1.33	ppb
Cobalt	59-2	39.02	39.88	40.05	39.65	1.38	ppb
Copper	63-2	118.71	120.51	120.86	120.03	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	71648.39	73384.82	74917.18	73316.80	2.23	ppb
Iron	57-2	70932.38	71772.22	72418.09	71707.57	1.04	ppb
Iron	54-2	70651.01	72681.41	72755.70	72029.37	1.66	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-07	Instrumnet Name :	P7
Client Sample ID :	MYE5J8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:59:06	DataFile Name :	191SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.43	22.63	22.88	22.65	1.00	ppb
Lead	207-1	21.09	21.48	21.51	21.36	1.10	ppb
Lead	208-1	21.61	21.76	22.02	21.80	0.96	ppb
Lithium	6-1				83		%
Magnesium	24-2	15901.60	16283.59	16256.91	16147.37	1.32	ppb
Manganese	55-2	1993.33	2020.26	2037.83	2017.14	1.11	ppb
Molybdenum	94-1	11.60	11.64	12.15	11.80	2.58	ppb
Molybdenum	95-1	1.13	1.13	1.10	1.12	1.53	ppb
Molybdenum	96-1	2.60	2.67	2.65	2.64	1.23	ppb
Molybdenum	97-1	1.16	1.11	1.13	1.13	2.37	ppb
Molybdenum	98-1	1.10	1.09	1.10	1.10	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.31	73.23	74.74	73.43	1.67	ppb
Phosphorus	31-2	1612.91	1640.12	1635.79	1629.61	0.90	ppb
Potassium	39-2	6641.53	6673.47	6782.43	6699.14	1.10	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.96	0.87	0.91	0.91	5.00	ppb
Selenium	77-2	13.11	14.17	14.64	13.98	5.61	ppb
Selenium	78-2	2.99	2.43	3.25	2.89	14.49	ppb
Silicon	28-1	1093.13	1119.71	1117.10	1109.98	1.32	ppb
Silver	107-1	0.15	0.15	0.15	0.15	1.41	ppb
Silver	109-1	0.14	0.15	0.15	0.15	2.06	ppb
Sodium	23-2	112.89	115.51	115.97	114.79	1.45	ppb
Strontium	86-1	1729.96	1743.06	1729.89	1734.30	0.44	ppb
Strontium	88-1	1723.04	1768.90	1753.97	1748.64	1.34	ppb
Sulfur	34-1	-1187.14	-1196.75	-1193.20	-1192.36		ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	0.18	0.18	0.19	0.18	1.95	ppb
Thallium	205-1	0.18	0.17	0.18	0.18	1.95	ppb
Tin	118-1	2.12	2.15	2.16	2.14	1.04	ppb
Titanium	47-1	444.79	449.65	449.04	447.83	0.59	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-07	Instrumnet Name :	P7
Client Sample ID :	MYE5J8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:59:06	DataFile Name :	191SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.75	0.75	0.74	1.78	ppb
Vanadium	51-2	105.24	106.16	106.70	106.04	0.70	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	182.70	185.56	187.93	185.39	1.41	ppb
Zirconium	90-1	6.10	6.13	6.09	6.11	0.31	ppb
Zirconium	91-1	6.00	6.25	6.16	6.14	2.03	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-08	Instrumnet Name :	P7
Client Sample ID :	MYE5J9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:02:10	DataFile Name :	192SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26957.38	26421.84	26932.07	26770.43	1.13	ppb
Antimony	121-1	1.71	1.65	1.66	1.67	1.91	ppb
Arsenic	75-2	70.88	71.68	70.88	71.15	0.64	ppb
Barium	135-1	343.37	332.70	328.25	334.77	2.32	ppb
Barium	137-1	345.59	333.02	329.10	335.90	2.56	ppb
Beryllium	9-1	0.88	0.84	0.84	0.85	2.65	ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.96	0.93	0.93	0.94	1.74	ppb
Cadmium	106-1	0.54	0.05	-0.25	0.11	359.13	ppb
Cadmium	111-1	0.37	0.35	0.33	0.35	5.95	ppb
Calcium	43-1	16026.65	15771.70	15634.64	15811.00	1.26	ppb
Calcium	44-1	15486.70	15147.32	15134.18	15256.07	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.93	80.43	81.92	81.09	0.94	ppb
Cobalt	59-2	37.22	36.73	37.31	37.09	0.83	ppb
Copper	63-2	120.34	118.64	120.09	119.69	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				103		%
Iron	56-2	67711.26	66893.71	67722.02	67442.33	0.70	ppb
Iron	57-2	68038.57	65723.62	67993.67	67251.95	1.97	ppb
Iron	54-2	67031.43	66951.50	67809.70	67264.21	0.70	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-08	Instrumnet Name :	P7
Client Sample ID :	MYE5J9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:02:10	DataFile Name :	192SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.19	19.92	19.74	19.95	1.14	ppb
Lead	207-1	19.21	18.52	18.62	18.78	1.98	ppb
Lead	208-1	19.49	19.07	18.93	19.16	1.53	ppb
Lithium	6-1				84		%
Magnesium	24-2	16323.24	15949.86	16313.84	16195.65	1.31	ppb
Manganese	55-2	2026.45	2025.32	2076.96	2042.91	1.44	ppb
Molybdenum	94-1	9.21	8.90	9.10	9.07	1.73	ppb
Molybdenum	95-1	1.14	1.10	1.14	1.12	2.00	ppb
Molybdenum	96-1	2.35	2.26	2.32	2.31	1.99	ppb
Molybdenum	97-1	1.16	1.11	1.11	1.13	2.42	ppb
Molybdenum	98-1	1.12	1.08	1.11	1.10	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.27	68.95	70.05	69.76	1.02	ppb
Phosphorus	31-2	1578.96	1558.61	1589.99	1575.86	1.01	ppb
Potassium	39-2	5841.10	5856.82	5968.47	5888.80	1.18	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	1.23	1.09	0.42	0.91	47.00	ppb
Selenium	77-2	13.70	12.34	14.65	13.56	8.57	ppb
Selenium	78-2	2.41	2.36	2.90	2.56	11.72	ppb
Silicon	28-1	1242.72	1239.44	1195.91	1226.03	2.13	ppb
Silver	107-1	0.11	0.11	0.11	0.11	1.60	ppb
Silver	109-1	0.12	0.11	0.11	0.11	4.43	ppb
Sodium	23-2	156.11	154.67	156.97	155.92	0.74	ppb
Strontium	86-1	2693.42	2605.99	2642.06	2647.16	1.66	ppb
Strontium	88-1	2741.70	2647.15	2639.93	2676.26	2.12	ppb
Sulfur	34-1	-986.97	-1014.10	-1075.06	-1025.38		ppb
Terbium	159-1				117		%
Terbium	159-2				109		%
Thallium	203-1	0.16	0.16	0.15	0.16	2.55	ppb
Thallium	205-1	0.17	0.16	0.16	0.16	2.92	ppb
Tin	118-1	1.96	1.92	1.89	1.92	1.78	ppb
Titanium	47-1	463.61	464.94	452.02	460.19	1.54	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-08	Instrumnet Name :	P7
Client Sample ID :	MYE5J9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:02:10	DataFile Name :	192SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.73	0.74	0.74	1.79	ppb
Vanadium	51-2	98.12	96.58	98.65	97.78	1.10	ppb
Yttrium	89-1				117		%
Yttrium	89-2				110		%
Zinc	66-2	176.71	173.68	177.01	175.80	1.05	ppb
Zirconium	90-1	4.70	4.57	4.63	4.63	1.41	ppb
Zirconium	91-1	4.70	4.55	4.68	4.65	1.74	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-09	Instrumnet Name :	P7
Client Sample ID :	MYE5K0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:05:17	DataFile Name :	193SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30116.14	30386.58	30233.76	30245.50	0.45	ppb
Antimony	121-1	1.55	1.56	1.53	1.55	1.28	ppb
Arsenic	75-2	63.17	62.18	61.39	62.25	1.43	ppb
Barium	135-1	334.04	335.09	325.37	331.50	1.61	ppb
Barium	137-1	336.28	333.79	333.19	334.42	0.49	ppb
Beryllium	9-1	1.14	1.16	1.21	1.17	3.28	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	1.19	1.27	1.17	10.27	ppb
Cadmium	106-1	0.33	0.65	0.21	0.40	57.39	ppb
Cadmium	111-1	0.52	0.51	0.52	0.52	0.89	ppb
Calcium	43-1	14124.22	14271.97	14243.23	14213.14	0.55	ppb
Calcium	44-1	13675.85	13783.08	13625.02	13694.65	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.07	60.44	60.92	60.48	0.71	ppb
Cobalt	59-2	30.63	31.01	30.85	30.83	0.62	ppb
Copper	63-2	107.71	107.45	107.07	107.41	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	56-2	62960.69	62890.10	63469.32	63106.71	0.50	ppb
Iron	57-2	62417.61	62341.55	61679.40	62146.19	0.65	ppb
Iron	54-2	62810.52	63022.51	62768.52	62867.18	0.22	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-09	Instrumnet Name :	P7
Client Sample ID :	MYE5K0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:05:17	DataFile Name :	193SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.37	26.09	26.58	26.35	0.94	ppb
Lead	207-1	24.83	24.52	25.02	24.79	1.03	ppb
Lead	208-1	25.39	25.31	25.68	25.46	0.76	ppb
Lithium	6-1				84		%
Magnesium	24-2	13521.63	13744.65	13456.93	13574.40	1.11	ppb
Manganese	55-2	1310.55	1329.24	1315.45	1318.41	0.73	ppb
Molybdenum	94-1	14.77	14.66	14.69	14.71	0.40	ppb
Molybdenum	95-1	0.91	0.91	0.89	0.90	1.16	ppb
Molybdenum	96-1	2.68	2.71	2.68	2.69	0.59	ppb
Molybdenum	97-1	0.89	0.92	0.91	0.90	1.68	ppb
Molybdenum	98-1	0.92	0.90	0.90	0.90	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.43	56.25	56.46	56.38	0.20	ppb
Phosphorus	31-2	1563.65	1528.65	1538.04	1543.44	1.17	ppb
Potassium	39-2	7443.64	7455.91	7524.21	7474.59	0.58	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	1.00	0.78	0.88	0.89	12.14	ppb
Selenium	77-2	12.95	13.89	11.85	12.90	7.88	ppb
Selenium	78-2	3.04	2.90	3.24	3.06	5.56	ppb
Silicon	28-1	1436.84	1444.58	1467.80	1449.74	1.11	ppb
Silver	107-1	0.27	0.27	0.28	0.27	1.40	ppb
Silver	109-1	0.28	0.28	0.28	0.28	1.19	ppb
Sodium	23-2	159.75	164.64	164.42	162.94	1.70	ppb
Strontium	86-1	2997.05	2990.17	2975.61	2987.61	0.37	ppb
Strontium	88-1	3043.39	3047.18	3006.56	3032.38	0.74	ppb
Sulfur	34-1	-708.22	-781.55	-807.63	-765.80		ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	0.24	0.25	0.23	0.24	3.19	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	0.80	ppb
Tin	118-1	2.50	2.50	2.48	2.49	0.47	ppb
Titanium	47-1	627.55	633.53	622.73	627.94	0.86	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-09	Instrumnet Name :	P7
Client Sample ID :	MYE5K0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:05:17	DataFile Name :	193SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.95	0.96	0.95	1.05	ppb
Vanadium	51-2	98.43	99.19	98.50	98.71	0.42	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	199.88	199.55	201.30	200.25	0.46	ppb
Zirconium	90-1	7.94	7.94	7.95	7.94	0.08	ppb
Zirconium	91-1	8.00	8.00	7.98	7.99	0.09	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-10	Instrumnet Name :	P7
Client Sample ID :	MYE5K1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:08:22	DataFile Name :	194SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31019.08	31648.01	31916.37	31527.82	1.46	ppb
Antimony	121-1	1.90	1.93	1.93	1.92	0.97	ppb
Arsenic	75-2	64.05	65.40	64.54	64.66	1.06	ppb
Barium	135-1	343.88	351.54	348.63	348.02	1.11	ppb
Barium	137-1	342.27	348.57	346.49	345.77	0.93	ppb
Beryllium	9-1	1.09	1.22	1.21	1.17	6.01	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	1.21	1.21	1.22	1.35	ppb
Cadmium	106-1	1.28	0.32	0.36	0.65	83.58	ppb
Cadmium	111-1	0.60	0.53	0.54	0.56	7.36	ppb
Calcium	43-1	14827.46	14822.87	14896.00	14848.77	0.28	ppb
Calcium	44-1	14272.35	14461.73	14290.27	14341.45	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.22	64.22	65.15	64.53	0.83	ppb
Cobalt	59-2	30.59	30.92	31.51	31.01	1.51	ppb
Copper	63-2	120.72	121.58	122.17	121.49	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	65296.82	65738.60	66472.98	65836.13	0.90	ppb
Iron	57-2	64394.39	64373.75	64212.49	64326.88	0.15	ppb
Iron	54-2	64873.09	64506.25	64644.81	64674.72	0.29	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-10	Instrumnet Name :	P7
Client Sample ID :	MYE5K1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:08:22	DataFile Name :	194SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.45	26.70	27.24	26.80	1.50	ppb
Lead	207-1	24.97	25.44	25.56	25.33	1.24	ppb
Lead	208-1	25.37	25.55	26.13	25.68	1.53	ppb
Lithium	6-1				84		%
Magnesium	24-2	13527.36	13676.87	13648.19	13617.48	0.58	ppb
Manganese	55-2	1377.57	1375.66	1379.33	1377.52	0.13	ppb
Molybdenum	94-1	15.63	16.26	16.11	16.00	2.05	ppb
Molybdenum	95-1	0.86	0.86	0.86	0.86	0.15	ppb
Molybdenum	96-1	2.77	2.84	2.85	2.82	1.60	ppb
Molybdenum	97-1	0.87	0.87	0.90	0.88	2.02	ppb
Molybdenum	98-1	0.86	0.88	0.87	0.87	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.01	58.00	59.33	58.45	1.31	ppb
Phosphorus	31-2	1521.23	1527.91	1537.90	1529.01	0.55	ppb
Potassium	39-2	7496.14	7607.33	7660.08	7587.85	1.10	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.76	0.86	0.69	0.77	10.88	ppb
Selenium	77-2	15.53	15.15	14.63	15.10	3.01	ppb
Selenium	78-2	2.48	2.82	3.15	2.82	12.06	ppb
Silicon	28-1	1348.60	1338.96	1358.90	1348.82	0.74	ppb
Silver	107-1	0.17	0.18	0.18	0.18	2.83	ppb
Silver	109-1	0.17	0.17	0.18	0.17	2.49	ppb
Sodium	23-2	152.64	154.07	154.52	153.74	0.64	ppb
Strontium	86-1	3012.34	3099.70	3121.43	3077.82	1.88	ppb
Strontium	88-1	3082.98	3139.34	3172.45	3131.59	1.44	ppb
Sulfur	34-1	-819.19	-811.13	-803.37	-811.23		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.24	0.25	0.25	0.25	1.97	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	1.57	ppb
Tin	118-1	3.05	3.13	3.10	3.09	1.21	ppb
Titanium	47-1	629.30	637.81	638.12	635.08	0.79	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-10	Instrumnet Name :	P7
Client Sample ID :	MYE5K1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:08:22	DataFile Name :	194SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.97	0.98	0.96	2.12	ppb
Vanadium	51-2	102.41	103.13	103.55	103.03	0.56	ppb
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	196.97	198.09	197.86	197.64	0.30	ppb
Zirconium	90-1	8.58	8.81	8.71	8.70	1.33	ppb
Zirconium	91-1	8.58	8.77	8.86	8.74	1.63	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-11	Instrumnet Name :	P7
Client Sample ID :	MYE5K2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:11:29	DataFile Name :	195SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30695.24	31899.81	31789.36	31461.47	2.12	ppb
Antimony	121-1	1.94	1.98	2.00	1.98	1.42	ppb
Arsenic	75-2	79.18	78.06	78.92	78.72	0.75	ppb
Barium	135-1	425.11	415.77	422.70	421.19	1.15	ppb
Barium	137-1	417.33	411.67	419.27	416.09	0.95	ppb
Beryllium	9-1	1.06	1.08	1.11	1.08	2.46	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.51	1.37	1.31	1.40	7.36	ppb
Cadmium	106-1	0.99	0.86	0.47	0.77	35.02	ppb
Cadmium	111-1	0.88	0.86	0.84	0.86	2.20	ppb
Calcium	43-1	13358.96	13593.76	13577.90	13510.20	0.97	ppb
Calcium	44-1	13103.91	13203.23	13117.79	13141.64	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.16	93.11	93.74	92.67	1.45	ppb
Cobalt	59-2	42.66	43.42	43.90	43.33	1.45	ppb
Copper	63-2	186.09	190.49	191.78	189.45	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	75719.24	77286.42	78475.75	77160.47	1.79	ppb
Iron	57-2	73836.28	77044.06	77712.57	76197.64	2.72	ppb
Iron	54-2	74689.77	76820.99	76862.99	76124.58	1.63	ppb
Krypton	83-1						cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-11	Instrumnet Name :	P7
Client Sample ID :	MYE5K2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:11:29	DataFile Name :	195SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.47	39.00	38.92	38.46	2.24	ppb
Lead	207-1	36.09	37.92	37.29	37.10	2.52	ppb
Lead	208-1	36.53	38.04	37.66	37.41	2.10	ppb
Lithium	6-1				81		%
Magnesium	24-2	16411.76	17217.10	16698.10	16775.65	2.43	ppb
Manganese	55-2	2408.32	2450.06	2485.75	2448.04	1.58	ppb
Molybdenum	94-1	12.61	12.83	12.68	12.71	0.90	ppb
Molybdenum	95-1	1.44	1.42	1.42	1.43	0.89	ppb
Molybdenum	96-1	2.94	2.99	2.96	2.96	0.88	ppb
Molybdenum	97-1	1.41	1.41	1.39	1.40	0.68	ppb
Molybdenum	98-1	1.38	1.42	1.35	1.38	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.80	79.59	80.61	79.34	1.79	ppb
Phosphorus	31-2	2412.32	2435.49	2459.45	2435.75	0.97	ppb
Potassium	39-2	9725.56	9827.53	9692.79	9748.63	0.72	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.81	0.94	0.90	0.88	7.88	ppb
Selenium	77-2	16.10	17.26	14.54	15.97	8.53	ppb
Selenium	78-2	3.98	4.14	3.57	3.89	7.56	ppb
Silicon	28-1	1413.15	1426.40	1456.31	1431.96	1.54	ppb
Silver	107-1	0.22	0.24	0.24	0.23	3.28	ppb
Silver	109-1	0.23	0.23	0.23	0.23	1.74	ppb
Sodium	23-2	148.70	154.63	156.36	153.23	2.62	ppb
Strontium	86-1	2672.38	2721.81	2717.96	2704.05	1.02	ppb
Strontium	88-1	2712.03	2742.51	2747.78	2734.10	0.71	ppb
Sulfur	34-1	-1010.69	-991.16	-1005.39	-1002.41		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.21	0.23	0.22	0.22	4.50	ppb
Thallium	205-1	0.20	0.21	0.22	0.21	4.19	ppb
Tin	118-1	2.24	2.22	2.27	2.24	1.05	ppb
Titanium	47-1	565.24	581.60	581.73	576.19	1.65	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-11	Instrumnet Name :	P7
Client Sample ID :	MYE5K2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:11:29	DataFile Name :	195SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.87	0.88	0.86	2.09	ppb
Vanadium	51-2	106.57	109.03	110.19	108.60	1.70	ppb
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	322.85	328.73	332.51	328.03	1.48	ppb
Zirconium	90-1	6.43	6.58	6.52	6.51	1.19	ppb
Zirconium	91-1	6.43	6.78	6.54	6.58	2.71	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-12	Instrumnet Name :	P7
Client Sample ID :	MYE5K3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:14:32	DataFile Name :	196SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29232.17	28096.80	28453.73	28594.24	2.03	ppb
Antimony	121-1	2.66	2.52	2.82	2.67	5.52	ppb
Arsenic	75-2	87.13	84.31	86.24	85.89	1.68	ppb
Barium	135-1	343.61	326.02	363.46	344.36	5.44	ppb
Barium	137-1	344.57	327.81	366.76	346.38	5.64	ppb
Beryllium	9-1	1.04	0.97	1.02	1.01	3.60	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.47	1.69	1.58	1.58	7.03	ppb
Cadmium	106-1	0.92	1.06	1.21	1.06	13.39	ppb
Cadmium	111-1	1.12	1.09	1.24	1.15	7.18	ppb
Calcium	43-1	10451.28	9767.19	10935.59	10384.69	5.65	ppb
Calcium	44-1	10048.92	9556.85	10627.53	10077.77	5.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.02	58.20	58.16	58.79	1.81	ppb
Cobalt	59-2	36.77	35.22	35.74	35.91	2.20	ppb
Copper	63-2	216.34	207.27	212.22	211.94	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	75908.14	73208.79	74201.26	74439.40	1.83	ppb
Iron	57-2	75114.53	72959.52	71587.47	73220.51	2.43	ppb
Iron	54-2	74195.97	72042.49	71141.87	72460.11	2.17	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-12	Instrumnet Name :	P7
Client Sample ID :	MYE5K3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:14:32	DataFile Name :	196SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.39	54.05	61.61	57.68	6.57	ppb
Lead	207-1	55.74	52.81	59.56	56.04	6.04	ppb
Lead	208-1	55.63	52.93	59.86	56.14	6.23	ppb
Lithium	6-1				81		%
Magnesium	24-2	14486.10	14008.50	13859.12	14117.91	2.32	ppb
Manganese	55-2	1807.44	1743.18	1728.01	1759.54	2.40	ppb
Molybdenum	94-1	12.26	11.73	13.05	12.35	5.37	ppb
Molybdenum	95-1	1.11	1.04	1.16	1.10	5.35	ppb
Molybdenum	96-1	2.70	2.62	2.90	2.74	5.23	ppb
Molybdenum	97-1	1.12	1.04	1.21	1.12	7.53	ppb
Molybdenum	98-1	1.12	1.06	1.15	1.11	4.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.45	51.90	52.32	52.55	1.53	ppb
Phosphorus	31-2	1871.48	1789.87	1846.62	1835.99	2.28	ppb
Potassium	39-2	7682.48	7508.26	7633.92	7608.22	1.18	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.80	0.81	0.75	0.79	4.19	ppb
Selenium	77-2	13.84	13.66	13.98	13.83	1.19	ppb
Selenium	78-2	4.00	3.43	2.71	3.38	19.24	ppb
Silicon	28-1	1288.42	1198.19	1312.26	1266.29	4.75	ppb
Silver	107-1	0.36	0.34	0.39	0.36	6.60	ppb
Silver	109-1	0.36	0.34	0.39	0.36	6.67	ppb
Sodium	23-2	143.75	137.97	142.04	141.25	2.10	ppb
Strontium	86-1	1536.37	1453.80	1614.40	1534.86	5.23	ppb
Strontium	88-1	1556.15	1483.67	1641.51	1560.44	5.06	ppb
Sulfur	34-1	-1068.58	-1286.32	-1035.63	-1130.18		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.26	0.25	0.30	0.27	9.81	ppb
Thallium	205-1	0.27	0.25	0.29	0.27	6.32	ppb
Tin	118-1	2.20	2.09	2.37	2.22	6.41	ppb
Titanium	47-1	591.46	559.96	617.47	589.63	4.88	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-12	Instrumnet Name :	P7
Client Sample ID :	MYE5K3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:14:32	DataFile Name :	196SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.78	0.87	0.83	5.61	ppb
Vanadium	51-2	118.68	115.03	115.19	116.30	1.77	ppb
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	238.68	232.41	232.02	234.37	1.60	ppb
Zirconium	90-1	6.56	6.16	6.84	6.52	5.24	ppb
Zirconium	91-1	6.47	6.23	6.82	6.51	4.53	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-13	Instrumnet Name :	P7
Client Sample ID :	MYE5K4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:17:36	DataFile Name :	197SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24573.71	24700.73	24772.10	24682.18	0.41	ppb
Antimony	121-1	1.35	1.37	1.38	1.37	1.19	ppb
Arsenic	75-2	59.85	59.83	60.32	60.00	0.46	ppb
Barium	135-1	318.03	322.20	322.18	320.80	0.75	ppb
Barium	137-1	320.97	324.13	317.50	320.86	1.03	ppb
Beryllium	9-1	0.94	0.94	0.89	0.92	3.05	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.81	0.89	0.89	0.86	4.86	ppb
Cadmium	106-1	0.33	0.29	-0.43	0.06	688.08	ppb
Cadmium	111-1	0.36	0.37	0.33	0.35	6.58	ppb
Calcium	43-1	16887.41	16802.27	17064.96	16918.21	0.79	ppb
Calcium	44-1	16194.82	16265.71	16400.75	16287.09	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.72	66.60	67.09	66.47	1.05	ppb
Cobalt	59-2	34.27	34.98	34.67	34.64	1.02	ppb
Copper	63-2	103.98	106.35	106.36	105.56	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	61343.20	62324.59	61551.74	61739.84	0.84	ppb
Iron	57-2	59821.38	61724.46	60912.29	60819.37	1.57	ppb
Iron	54-2	60122.63	61896.58	61305.74	61108.32	1.48	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-13	Instrumnet Name :	P7
Client Sample ID :	MYE5K4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:17:36	DataFile Name :	197SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.03	19.76	20.01	19.60	2.60	ppb
Lead	207-1	17.73	18.58	18.81	18.37	3.09	ppb
Lead	208-1	18.24	19.00	19.09	18.78	2.47	ppb
Lithium	6-1				81		%
Magnesium	24-2	14680.81	14894.42	14635.60	14736.95	0.94	ppb
Manganese	55-2	1981.77	2033.54	1994.76	2003.36	1.34	ppb
Molybdenum	94-1	9.90	9.87	10.02	9.93	0.80	ppb
Molybdenum	95-1	1.08	1.09	1.07	1.08	0.79	ppb
Molybdenum	96-1	2.32	2.34	2.37	2.34	1.14	ppb
Molybdenum	97-1	1.08	1.10	1.08	1.09	1.25	ppb
Molybdenum	98-1	1.07	1.08	1.10	1.08	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.23	59.20	58.80	58.74	0.83	ppb
Phosphorus	31-2	1861.38	1968.22	1927.67	1919.09	2.81	ppb
Potassium	39-2	6513.55	6724.52	6656.47	6631.51	1.62	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.57	0.30	0.49	0.45	30.89	ppb
Selenium	77-2	13.16	12.68	15.75	13.86	11.88	ppb
Selenium	78-2	2.64	4.22	2.54	3.14	30.11	ppb
Silicon	28-1	1511.72	1485.03	1480.25	1492.34	1.14	ppb
Silver	107-1	0.10	0.09	0.10	0.10	4.43	ppb
Silver	109-1	0.10	0.10	0.10	0.10	0.41	ppb
Sodium	23-2	297.09	304.82	307.48	303.13	1.78	ppb
Strontium	86-1	2234.58	2276.80	2269.62	2260.33	1.00	ppb
Strontium	88-1	2248.63	2288.06	2317.10	2284.60	1.50	ppb
Sulfur	34-1	-986.43	-1036.65	-1026.43	-1016.51		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.17	0.18	0.18	0.18	4.31	ppb
Thallium	205-1	0.17	0.17	0.18	0.17	2.93	ppb
Tin	118-1	1.89	1.92	1.90	1.90	0.74	ppb
Titanium	47-1	453.52	461.02	459.49	458.01	0.87	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-13	Instrumnet Name :	P7
Client Sample ID :	MYE5K4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:17:36	DataFile Name :	197SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.02	1.03	1.01	2.60	ppb
Vanadium	51-2	91.11	92.55	91.85	91.83	0.78	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	174.37	178.68	177.46	176.84	1.26	ppb
Zirconium	90-1	5.01	5.16	5.18	5.12	1.79	ppb
Zirconium	91-1	5.11	5.20	5.15	5.15	0.92	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:20:39	DataFile Name :	198SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48633.19	48052.70	47705.01	48130.30	0.97	ppb
Antimony	121-1	1.15	1.14	1.13	1.14	0.82	ppb
Arsenic	75-2	95.72	98.10	99.09	97.64	1.77	ppb
Barium	135-1	979.74	965.25	977.50	974.16	0.80	ppb
Barium	137-1	978.20	976.26	977.63	977.36	0.10	ppb
Beryllium	9-1	1.59	1.61	1.59	1.60	0.56	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	2.01	1.65	1.95	14.14	ppb
Cadmium	106-1	3.48	3.18	2.81	3.16	10.52	ppb
Cadmium	111-1	0.73	0.74	0.74	0.74	0.72	ppb
Calcium	43-1	65668.39	65353.90	63199.83	64740.70	2.08	ppb
Calcium	44-1	64831.44	64922.07	63987.22	64580.24	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.85	98.47	98.95	99.09	0.71	ppb
Cobalt	59-2	50.69	50.23	50.23	50.38	0.52	ppb
Copper	63-2	139.18	134.55	135.70	136.48	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	93166.54	92317.75	91466.39	92316.89	0.92	ppb
Iron	57-2	92622.66	91334.67	91936.13	91964.49	0.70	ppb
Iron	54-2	91923.00	91371.32	91411.41	91568.58	0.34	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:20:39	DataFile Name :	198SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.25	31.61	32.12	31.99	1.06	ppb
Lead	207-1	30.67	30.29	30.56	30.51	0.63	ppb
Lead	208-1	30.97	30.66	31.09	30.90	0.71	ppb
Lithium	6-1				79		%
Magnesium	24-2	29369.76	28896.10	28736.91	29000.92	1.14	ppb
Manganese	55-2	2498.78	2469.06	2476.42	2481.42	0.62	ppb
Molybdenum	94-1	32.69	33.35	32.81	32.95	1.07	ppb
Molybdenum	95-1	0.77	0.81	0.81	0.80	2.59	ppb
Molybdenum	96-1	4.74	4.76	4.73	4.74	0.31	ppb
Molybdenum	97-1	0.79	0.83	0.79	0.80	2.75	ppb
Molybdenum	98-1	0.76	0.80	0.78	0.78	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.77	123.99	124.19	124.65	0.78	ppb
Phosphorus	31-2	3650.08	3614.03	3564.72	3609.61	1.19	ppb
Potassium	39-2	8788.29	8716.14	8721.62	8742.02	0.46	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	0.51	0.62	0.20	0.44	49.41	ppb
Selenium	77-2	21.85	17.63	22.17	20.55	12.33	ppb
Selenium	78-2	4.51	4.79	4.59	4.63	3.12	ppb
Silicon	28-1	1421.01	1434.83	1418.99	1424.94	0.60	ppb
Silver	107-1	0.21	0.21	0.21	0.21	1.19	ppb
Silver	109-1	0.21	0.21	0.21	0.21	0.47	ppb
Sodium	23-2	217.19	214.18	214.20	215.19	0.81	ppb
Strontium	86-1	8524.87	8584.31	8377.54	8495.57	1.25	ppb
Strontium	88-1	8494.64	8599.93	8467.76	8520.78	0.82	ppb
Sulfur	34-1	-712.92	-627.14	-671.28	-670.45		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.33	0.33	0.32	0.33	2.88	ppb
Thallium	205-1	0.33	0.33	0.32	0.32	1.75	ppb
Tin	118-1	2.87	2.89	2.84	2.86	0.94	ppb
Titanium	47-1	911.82	916.28	923.53	917.21	0.64	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:20:39	DataFile Name :	198SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.44	1.41	1.44	1.43	1.40	ppb
Vanadium	51-2	183.50	177.68	180.55	180.58	1.61	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	218.03	213.06	213.99	215.03	1.23	ppb
Zirconium	90-1	18.53	18.83	18.26	18.54	1.55	ppb
Zirconium	91-1	18.35	18.59	18.34	18.43	0.75	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:23:42	DataFile Name :	199SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56910.05	57431.98	59757.96	58033.33	2.61	ppb
Antimony	121-1	1.33	1.31	1.35	1.33	1.36	ppb
Arsenic	75-2	124.84	126.61	130.41	127.29	2.24	ppb
Barium	135-1	1162.46	1155.89	1168.29	1162.22	0.53	ppb
Barium	137-1	1162.17	1159.61	1172.58	1164.79	0.59	ppb
Beryllium	9-1	1.92	1.91	2.04	1.96	3.92	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.20	2.40	2.43	2.35	5.32	ppb
Cadmium	106-1	3.85	4.11	3.54	3.83	7.41	ppb
Cadmium	111-1	0.87	0.93	0.83	0.88	5.52	ppb
Calcium	43-1	76321.36	76230.04	74795.52	75782.31	1.13	ppb
Calcium	44-1	75404.82	75307.37	76011.72	75574.64	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.57	120.06	121.26	120.30	0.72	ppb
Cobalt	59-2	59.88	60.14	62.44	60.82	2.31	ppb
Copper	63-2	164.01	167.08	172.19	167.76	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	56-2	112109.25	112785.48	115955.96	113616.90	1.81	ppb
Iron	57-2	109926.30	111722.02	114442.90	112030.40	2.03	ppb
Iron	54-2	111257.63	110644.00	113337.20	111746.28	1.26	ppb
Krypton	83-1						cps

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:23:42	DataFile Name :	199SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.38	39.72	40.58	39.89	1.55	ppb
Lead	207-1	38.04	37.77	38.21	38.01	0.59	ppb
Lead	208-1	38.18	38.34	38.90	38.47	0.99	ppb
Lithium	6-1				77		%
Magnesium	24-2	34959.94	34874.57	35762.12	35198.88	1.39	ppb
Manganese	55-2	2943.10	2924.84	3000.01	2955.98	1.33	ppb
Molybdenum	94-1	38.64	39.09	39.71	39.15	1.37	ppb
Molybdenum	95-1	0.96	0.94	0.97	0.96	1.79	ppb
Molybdenum	96-1	5.43	5.59	5.73	5.58	2.69	ppb
Molybdenum	97-1	0.91	0.94	0.96	0.94	2.77	ppb
Molybdenum	98-1	0.89	0.91	0.93	0.91	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	147.73	148.48	154.56	150.26	2.49	ppb
Phosphorus	31-2	4023.24	4024.99	4136.89	4061.70	1.60	ppb
Potassium	39-2	10509.53	10641.76	10802.11	10651.13	1.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	0.67	0.58	0.79	0.68	15.95	ppb
Selenium	77-2	25.58	24.43	26.13	25.38	3.42	ppb
Selenium	78-2	5.78	4.55	5.52	5.28	12.26	ppb
Silicon	28-1	1646.69	1639.29	1664.47	1650.15	0.78	ppb
Silver	107-1	0.25	0.25	0.25	0.25	1.26	ppb
Silver	109-1	0.26	0.25	0.26	0.26	0.84	ppb
Sodium	23-2	249.65	250.89	259.62	253.38	2.14	ppb
Strontium	86-1	9827.27	9929.73	10206.11	9987.70	1.96	ppb
Strontium	88-1	9855.86	9996.79	10135.58	9996.08	1.40	ppb
Sulfur	34-1	-562.86	-582.20	-607.24	-584.10		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.38	0.41	0.41	0.40	3.48	ppb
Thallium	205-1	0.39	0.39	0.41	0.39	2.64	ppb
Tin	118-1	3.45	3.47	3.53	3.48	1.14	ppb
Titanium	47-1	1078.17	1068.54	1070.34	1072.35	0.48	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:23:42	DataFile Name :	199SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.68	1.70	1.75	1.71	1.94	ppb
Vanadium	51-2	220.03	220.00	226.89	222.30	1.79	ppb
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	257.35	256.88	269.25	261.16	2.68	ppb
Zirconium	90-1	21.46	21.87	22.08	21.80	1.45	ppb
Zirconium	91-1	21.65	21.86	22.45	21.99	1.90	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 23:26:41	DataFile Name :	200SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10557.20	10829.10	10743.23	10709.85	1.30	ppb
Antimony	121-1	0.24	0.24	0.22	0.23	3.64	ppb
Arsenic	75-2	21.44	21.26	21.98	21.56	1.75	ppb
Barium	135-1	197.54	199.98	200.31	199.28	0.76	ppb
Barium	137-1	200.66	201.27	200.73	200.89	0.17	ppb
Beryllium	9-1	0.31	0.32	0.36	0.33	7.84	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.30	0.41	0.50	0.40	23.98	ppb
Cadmium	106-1	0.00	-0.03	-0.11	-0.05		ppb
Cadmium	111-1	0.11	0.10	0.08	0.10	15.22	ppb
Calcium	43-1	13919.05	14001.76	14124.13	14014.98	0.74	ppb
Calcium	44-1	13461.59	13514.11	13780.18	13585.29	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.25	21.24	21.38	21.29	0.37	ppb
Cobalt	59-2	11.02	10.92	11.11	11.02	0.89	ppb
Copper	63-2	29.99	30.06	29.77	29.94	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	19985.86	20033.15	20174.09	20064.37	0.49	ppb
Iron	57-2	19815.72	19969.54	20132.43	19972.56	0.79	ppb
Iron	54-2	19705.21	19789.73	19810.85	19768.60	0.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 23:26:41	DataFile Name :	200SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.33	6.48	6.48	6.43	1.32	ppb
Lead	207-1	6.00	6.11	6.23	6.11	1.86	ppb
Lead	208-1	6.08	6.22	6.29	6.19	1.68	ppb
Lithium	6-1				84		%
Magnesium	24-2	6259.65	6424.51	6473.72	6385.96	1.76	ppb
Manganese	55-2	536.21	535.06	541.65	537.64	0.66	ppb
Molybdenum	94-1	6.82	7.16	7.08	7.02	2.55	ppb
Molybdenum	95-1	0.17	0.17	0.17	0.17	0.19	ppb
Molybdenum	96-1	0.97	1.00	0.99	0.99	1.31	ppb
Molybdenum	97-1	0.16	0.18	0.17	0.17	7.51	ppb
Molybdenum	98-1	0.16	0.16	0.16	0.16	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.86	27.66	27.80	27.77	0.38	ppb
Phosphorus	31-2	785.77	783.67	789.59	786.34	0.38	ppb
Potassium	39-2	1864.90	1911.26	1878.15	1884.77	1.27	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	-0.02	0.18	-0.20	-0.01		ppb
Selenium	77-2	3.84	5.34	4.04	4.41	18.48	ppb
Selenium	78-2	0.97	0.75	1.15	0.96	21.37	ppb
Silicon	28-1	298.77	296.29	298.74	297.93	0.48	ppb
Silver	107-1	0.04	0.04	0.05	0.04	6.62	ppb
Silver	109-1	0.05	0.05	0.04	0.05	6.79	ppb
Sodium	23-2	54.59	54.42	53.67	54.22	0.91	ppb
Strontium	86-1	1759.76	1805.81	1828.35	1797.98	1.94	ppb
Strontium	88-1	1808.43	1826.54	1837.29	1824.09	0.80	ppb
Sulfur	34-1	-832.80	-818.43	-785.56	-812.26		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.07	0.07	0.07	1.38	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	1.26	ppb
Tin	118-1	0.59	0.58	0.57	0.58	1.70	ppb
Titanium	47-1	188.87	189.65	190.96	189.83	0.56	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 23:26:41	DataFile Name :	200SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.29	0.28	0.28	2.55	ppb
Vanadium	51-2	37.87	38.32	38.38	38.19	0.73	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	48.38	48.11	48.45	48.31	0.38	ppb
Zirconium	90-1	3.81	3.89	3.93	3.88	1.56	ppb
Zirconium	91-1	3.83	3.95	4.00	3.93	2.19	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:29:52	DataFile Name :	201SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57718.29	58245.38	57076.66	57680.11	1.01	ppb
Antimony	121-1	77.98	81.77	83.38	81.04	3.42	ppb
Arsenic	75-2	143.56	144.19	144.88	144.21	0.46	ppb
Barium	135-1	2523.49	2633.81	2660.39	2605.90	2.79	ppb
Barium	137-1	2510.26	2621.37	2629.90	2587.18	2.58	ppb
Beryllium	9-1	38.29	42.45	42.58	41.11	5.94	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.38	37.70	37.99	37.36	2.29	ppb
Cadmium	106-1	38.48	38.64	39.82	38.98	1.87	ppb
Cadmium	111-1	39.36	41.29	41.98	40.88	3.32	ppb
Calcium	43-1	68486.69	72677.12	71569.86	70911.22	3.06	ppb
Calcium	44-1	69080.29	72092.39	71780.93	70984.54	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	271.10	277.57	274.30	274.32	1.18	ppb
Cobalt	59-2	454.92	464.73	460.49	460.05	1.07	ppb
Copper	63-2	350.49	354.93	345.10	350.17	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	107003.82	110240.87	108305.44	108516.71	1.50	ppb
Iron	57-2	106518.08	108973.80	108696.23	108062.70	1.24	ppb
Iron	54-2	104591.77	108609.56	106701.46	106634.27	1.88	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:29:52	DataFile Name :	201SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.60	54.13	53.50	52.74	3.57	ppb
Lead	207-1	48.13	51.08	51.10	50.11	3.41	ppb
Lead	208-1	48.97	51.57	51.50	50.68	2.92	ppb
Lithium	6-1				78		%
Magnesium	24-2	33591.14	34194.24	33613.43	33799.60	1.01	ppb
Manganese	55-2	3187.94	3292.29	3245.33	3241.86	1.61	ppb
Molybdenum	94-1	35.14	36.47	36.72	36.11	2.35	ppb
Molybdenum	95-1	0.87	0.91	0.89	0.89	2.06	ppb
Molybdenum	96-1	5.11	5.11	5.25	5.16	1.60	ppb
Molybdenum	97-1	0.82	0.88	0.87	0.86	3.28	ppb
Molybdenum	98-1	0.85	0.88	0.84	0.86	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	551.62	563.62	547.21	554.15	1.53	ppb
Phosphorus	31-2	4167.54	4203.92	4146.76	4172.74	0.69	ppb
Potassium	39-2	9979.81	10242.27	10019.33	10080.47	1.40	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	80.93	82.74	84.43	82.70	2.12	ppb
Selenium	77-2	105.69	111.88	106.22	107.93	3.18	ppb
Selenium	78-2	88.29	88.29	89.61	88.73	0.86	ppb
Silicon	28-1	1541.37	1603.19	1593.30	1579.29	2.10	ppb
Silver	107-1	30.19	31.59	31.90	31.23	2.92	ppb
Silver	109-1	30.29	32.13	32.09	31.50	3.34	ppb
Sodium	23-2	242.21	253.81	244.12	246.71	2.52	ppb
Strontium	86-1	8999.91	9375.06	9421.96	9265.64	2.50	ppb
Strontium	88-1	8946.42	9449.10	9475.99	9290.50	3.21	ppb
Sulfur	34-1	-577.20	-566.84	-611.20	-585.08		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	39.24	41.81	41.73	40.93	3.57	ppb
Thallium	205-1	39.27	42.92	41.44	41.21	4.45	ppb
Tin	118-1	3.02	3.18	3.21	3.14	3.26	ppb
Titanium	47-1	982.29	1011.49	1030.99	1008.26	2.43	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:29:52	DataFile Name :	201SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.51	1.62	1.62	1.58	4.00	ppb
Vanadium	51-2	582.36	596.34	588.57	589.09	1.19	ppb
Yttrium	89-1				118		%
Yttrium	89-2				112		%
Zinc	66-2	636.77	649.19	636.65	640.87	1.12	ppb
Zirconium	90-1	19.66	20.34	20.65	20.22	2.49	ppb
Zirconium	91-1	19.64	20.46	20.62	20.24	2.59	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:32:45	DataFile Name :	202CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47525.07	47095.25	47744.84	47455.05	0.70	ppb
Antimony	121-1	486.47	491.51	492.73	490.24	0.68	ppb
Arsenic	75-2	515.01	509.80	508.60	511.14	0.67	ppb
Barium	135-1	2408.90	2425.14	2443.94	2425.99	0.72	ppb
Barium	137-1	2411.06	2411.26	2434.38	2418.90	0.55	ppb
Beryllium	9-1	471.91	477.85	487.84	479.20	1.68	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	498.33	500.15	503.50	500.66	0.52	ppb
Cadmium	106-1	496.14	501.74	500.51	499.46	0.59	ppb
Cadmium	111-1	497.92	496.73	495.69	496.78	0.22	ppb
Calcium	43-1	240334.40	242799.71	247204.41	243446.17	1.43	ppb
Calcium	44-1	242149.01	241658.00	244789.33	242865.45	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.95	501.18	497.68	498.27	0.53	ppb
Cobalt	59-2	519.78	521.19	514.57	518.51	0.67	ppb
Copper	63-2	5098.03	5057.01	5095.16	5083.40	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	126840.21	127439.89	127223.41	127167.84	0.24	ppb
Iron	57-2	125684.07	126868.72	125130.67	125894.49	0.71	ppb
Iron	54-2	125186.43	124596.97	124028.63	124604.01	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:32:45	DataFile Name :	202CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2518.56	2471.17	2569.71	2519.81	1.96	ppb
Lead	207-1	2491.83	2483.29	2530.96	2502.02	1.02	ppb
Lead	208-1	2477.28	2484.56	2529.85	2497.23	1.14	ppb
Lithium	6-1				81		%
Magnesium	24-2	256244.32	255737.65	254945.08	255642.35	0.26	ppb
Manganese	55-2	4932.39	4941.14	4908.99	4927.50	0.34	ppb
Molybdenum	94-1	4859.03	5006.42	4983.94	4949.80	1.60	ppb
Molybdenum	95-1	4808.04	4955.95	4896.05	4886.68	1.52	ppb
Molybdenum	96-1	4807.03	4980.70	4889.44	4892.39	1.78	ppb
Molybdenum	97-1	4856.88	4988.28	4941.94	4929.03	1.35	ppb
Molybdenum	98-1	4843.69	4989.49	4914.62	4915.93	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.65	513.08	522.40	520.04	1.18	ppb
Phosphorus	31-2	9663.71	9642.27	9620.70	9642.23	0.22	ppb
Potassium	39-2	120103.73	120627.49	120211.83	120314.35	0.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	489.82	501.36	494.90	495.36	1.17	ppb
Selenium	77-2	507.72	488.10	494.88	496.90	2.01	ppb
Selenium	78-2	495.93	490.34	488.19	491.48	0.81	ppb
Silicon	28-1	294.78	294.68	299.77	296.41	0.98	ppb
Silver	107-1	489.76	491.77	491.20	490.91	0.21	ppb
Silver	109-1	491.47	490.83	491.31	491.21	0.07	ppb
Sodium	23-2	236107.92	238084.96	238439.59	237544.16	0.53	ppb
Strontium	86-1	12344.82	12518.28	12465.99	12443.03	0.72	ppb
Strontium	88-1	12454.34	12615.05	12427.89	12499.09	0.81	ppb
Sulfur	34-1	8570.52	9877.46	8670.84	9039.61	8.05	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	502.04	495.09	510.45	502.53	1.53	ppb
Thallium	205-1	499.63	494.26	512.90	502.26	1.91	ppb
Tin	118-1	483.91	485.38	490.00	486.43	0.65	ppb
Titanium	47-1	4993.09	4971.77	4976.92	4980.59	0.22	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:32:45	DataFile Name :	202CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	502.29	500.44	513.11	505.28	1.35	ppb
Vanadium	51-2	496.26	501.54	499.67	499.15	0.54	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	5123.23	5110.16	5145.89	5126.42	0.35	ppb
Zirconium	90-1	498.61	506.69	503.76	503.02	0.81	ppb
Zirconium	91-1	493.54	504.71	501.02	499.76	1.14	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:35:28	DataFile Name :	203CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.06	0.17	0.12	45.79	ppb
Antimony	121-1	0.14	0.17	0.25	0.19	28.49	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	16.45	ppb
Barium	135-1	0.06	0.03	0.03	0.04	50.27	ppb
Barium	137-1	0.06	0.04	0.02	0.04	49.14	ppb
Beryllium	9-1	0.05	0.01	0.04	0.04	54.17	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.03	-0.01	0.00	1547.68	ppb
Cadmium	106-1	0.13	0.05	-0.43	-0.08		ppb
Cadmium	111-1	0.04	0.02	-0.02	0.01	290.29	ppb
Calcium	43-1	12.79	11.83	10.79	11.80	8.47	ppb
Calcium	44-1	13.74	11.71	12.69	12.72	7.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	51.13	ppb
Copper	63-2	0.13	0.11	0.09	0.11	15.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	56-2	0.47	0.53	0.53	0.51	7.65	ppb
Iron	57-2	-0.66	-0.11	-0.41	-0.40		ppb
Iron	54-2	-1.35	-0.75	-1.17	-1.09		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:35:28	DataFile Name :	203CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.07	0.05	0.07	21.52	ppb
Lead	207-1	0.09	0.06	0.05	0.06	29.49	ppb
Lead	208-1	0.08	0.06	0.05	0.07	25.08	ppb
Lithium	6-1				88		%
Magnesium	24-2	0.05	0.05	-0.15	-0.02		ppb
Manganese	55-2	0.05	0.07	0.05	0.06	17.68	ppb
Molybdenum	94-1	0.20	0.16	0.18	0.18	11.35	ppb
Molybdenum	95-1	0.16	0.13	0.13	0.14	13.80	ppb
Molybdenum	96-1	0.16	0.13	0.13	0.14	13.29	ppb
Molybdenum	97-1	0.16	0.14	0.14	0.15	10.22	ppb
Molybdenum	98-1	0.17	0.13	0.14	0.15	11.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.04	-0.04		ppb
Phosphorus	31-2	-20.07	-20.19	-21.60	-20.62		ppb
Potassium	39-2	12.39	14.80	12.98	13.39	9.37	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	-0.12	-0.36	-0.21	-0.23		ppb
Selenium	77-2	-0.03	0.16	-0.03	0.03	339.82	ppb
Selenium	78-2	0.34	0.40	0.18	0.31	37.38	ppb
Silicon	28-1	-9.46	-8.38	-7.29	-8.38		ppb
Silver	107-1	0.03	0.02	0.02	0.02	26.09	ppb
Silver	109-1	0.03	0.02	0.02	0.02	22.24	ppb
Sodium	23-2	16.54	18.06	16.05	16.88	6.20	ppb
Strontium	86-1	0.28	0.33	0.20	0.27	23.06	ppb
Strontium	88-1	0.43	0.38	0.33	0.38	13.65	ppb
Sulfur	34-1	-644.57	-617.03	-523.75	-595.12		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.08	0.08	0.09	13.59	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	12.76	ppb
Tin	118-1	0.02	0.01	0.00	0.01	88.57	ppb
Titanium	47-1	0.13	0.04	0.06	0.08	61.18	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:35:28	DataFile Name :	203CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.01	58.06	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	0.54	0.66	0.62	0.60	10.00	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	18.06	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	25.98	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MS	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:38:44	DataFile Name :	204SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56496.57	56514.18	56426.68	56479.15	0.08	ppb
Antimony	121-1	311.33	312.26	316.08	313.22	0.80	ppb
Arsenic	75-2	219.13	222.49	221.11	220.91	0.76	ppb
Barium	135-1	7187.41	7164.54	7252.35	7201.43	0.63	ppb
Barium	137-1	7148.14	7150.16	7305.53	7201.28	1.25	ppb
Beryllium	9-1	155.83	159.81	161.21	158.95	1.75	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	143.60	146.79	147.08	145.82	1.32	ppb
Cadmium	106-1	141.57	143.97	145.41	143.65	1.35	ppb
Cadmium	111-1	158.41	160.66	162.12	160.40	1.16	ppb
Calcium	43-1	66950.99	67097.68	66934.35	66994.34	0.13	ppb
Calcium	44-1	66097.88	67087.29	67275.65	66820.27	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	721.66	737.21	714.57	724.48	1.60	ppb
Cobalt	59-2	1602.94	1605.08	1588.37	1598.80	0.57	ppb
Copper	63-2	881.48	881.95	870.11	877.85	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	101208.70	102217.04	101278.65	101568.13	0.55	ppb
Iron	57-2	101101.13	102043.36	100664.61	101269.70	0.70	ppb
Iron	54-2	101219.99	101529.50	99942.62	100897.37	0.83	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MS	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:38:44	DataFile Name :	204SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	97.54	99.32	98.28	98.38	0.91	ppb
Lead	207-1	93.70	94.55	93.33	93.86	0.67	ppb
Lead	208-1	95.87	96.11	95.49	95.82	0.33	ppb
Lithium	6-1				80		%
Magnesium	24-2	30470.43	30584.49	29943.98	30332.97	1.13	ppb
Manganese	55-2	4104.65	4165.91	4052.90	4107.82	1.38	ppb
Molybdenum	94-1	34.05	34.64	34.96	34.55	1.35	ppb
Molybdenum	95-1	0.88	0.89	0.87	0.88	1.30	ppb
Molybdenum	96-1	4.85	4.91	5.07	4.94	2.29	ppb
Molybdenum	97-1	0.86	0.82	0.84	0.84	2.64	ppb
Molybdenum	98-1	0.88	0.86	0.89	0.88	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1684.72	1700.26	1693.23	1692.74	0.46	ppb
Phosphorus	31-2	3766.86	3702.05	3761.48	3743.46	0.96	ppb
Potassium	39-2	9375.26	9385.05	9329.56	9363.29	0.32	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	306.11	309.66	311.85	309.21	0.94	ppb
Selenium	77-2	329.07	324.92	320.16	324.71	1.37	ppb
Selenium	78-2	307.16	308.73	311.80	309.23	0.76	ppb
Silicon	28-1	1473.89	1496.47	1476.49	1482.28	0.83	ppb
Silver	107-1	125.62	125.26	128.23	126.37	1.28	ppb
Silver	109-1	127.42	128.30	129.72	128.48	0.90	ppb
Sodium	23-2	234.83	232.90	230.95	232.89	0.83	ppb
Strontium	86-1	8805.33	8794.17	8916.31	8838.60	0.76	ppb
Strontium	88-1	8745.01	8810.02	8883.81	8812.95	0.79	ppb
Sulfur	34-1	-866.31	-852.97	-884.67	-867.99		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	159.26	164.33	160.71	161.44	1.62	ppb
Thallium	205-1	158.63	161.30	158.15	159.36	1.07	ppb
Tin	118-1	2.99	3.01	3.10	3.03	1.95	ppb
Titanium	47-1	928.72	964.57	962.72	952.00	2.12	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MS	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:38:44	DataFile Name :	204SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.46	1.50	1.49	1.48	1.20	ppb
Vanadium	51-2	1693.35	1700.67	1676.85	1690.29	0.72	ppb
Yttrium	89-1				119		%
Yttrium	89-2				113		%
Zinc	66-2	1765.47	1760.65	1743.26	1756.46	0.67	ppb
Zirconium	90-1	18.86	19.34	19.46	19.22	1.66	ppb
Zirconium	91-1	19.00	19.19	19.45	19.21	1.15	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-17	Instrumnet Name :	P7
Client Sample ID :	MYE5K6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:41:37	DataFile Name :	205SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28762.52	28357.42	28547.65	28555.86	0.71	ppb
Antimony	121-1	2.15	2.16	2.15	2.16	0.33	ppb
Arsenic	75-2	73.88	73.86	74.87	74.20	0.78	ppb
Barium	135-1	329.86	320.99	320.31	323.72	1.65	ppb
Barium	137-1	325.03	324.83	320.58	323.48	0.78	ppb
Beryllium	9-1	1.11	1.23	1.09	1.14	6.71	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.53	1.68	1.76	1.66	7.14	ppb
Cadmium	106-1	1.00	0.98	0.29	0.76	53.81	ppb
Cadmium	111-1	1.24	1.26	1.13	1.21	5.97	ppb
Calcium	43-1	14057.04	14023.54	13657.26	13912.61	1.59	ppb
Calcium	44-1	13501.49	13527.83	13241.81	13423.71	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.22	55.64	55.82	55.89	0.53	ppb
Cobalt	59-2	32.16	32.50	32.35	32.34	0.54	ppb
Copper	63-2	217.43	217.96	220.28	218.56	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	63884.66	64534.75	64057.30	64158.90	0.52	ppb
Iron	57-2	63006.62	63263.21	64217.86	63495.90	1.01	ppb
Iron	54-2	62933.16	62976.11	63410.17	63106.48	0.42	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-17	Instrumnet Name :	P7
Client Sample ID :	MYE5K6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:41:37	DataFile Name :	205SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	62.16	61.61	62.36	62.05	0.63	ppb
Lead	207-1	59.93	60.60	60.83	60.45	0.77	ppb
Lead	208-1	60.85	60.79	61.28	60.97	0.44	ppb
Lithium	6-1				76		%
Magnesium	24-2	12380.31	12507.95	12341.68	12409.98	0.70	ppb
Manganese	55-2	1454.14	1465.52	1473.83	1464.50	0.67	ppb
Molybdenum	94-1	10.25	10.53	10.55	10.44	1.63	ppb
Molybdenum	95-1	1.15	1.12	1.16	1.14	1.90	ppb
Molybdenum	96-1	2.40	2.46	2.55	2.47	3.14	ppb
Molybdenum	97-1	1.13	1.13	1.13	1.13	0.09	ppb
Molybdenum	98-1	1.11	1.11	1.14	1.12	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.92	49.86	49.99	49.92	0.13	ppb
Phosphorus	31-2	1672.06	1682.10	1711.46	1688.54	1.21	ppb
Potassium	39-2	8262.21	8269.38	8308.75	8280.11	0.30	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.96	0.97	0.70	0.88	17.89	ppb
Selenium	77-2	11.94	12.85	13.23	12.68	5.22	ppb
Selenium	78-2	2.95	2.60	3.64	3.06	17.27	ppb
Silicon	28-1	1243.11	1240.10	1210.97	1231.39	1.44	ppb
Silver	107-1	0.42	0.40	0.39	0.40	4.00	ppb
Silver	109-1	0.43	0.42	0.40	0.42	2.80	ppb
Sodium	23-2	239.66	241.22	244.94	241.94	1.12	ppb
Strontium	86-1	3173.01	3225.82	3259.57	3219.47	1.36	ppb
Strontium	88-1	3241.34	3253.52	3292.19	3262.35	0.81	ppb
Sulfur	34-1	-563.72	-625.08	-753.29	-647.36		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.36	0.33	0.33	0.34	4.68	ppb
Thallium	205-1	0.36	0.35	0.34	0.35	2.12	ppb
Tin	118-1	2.57	2.60	2.58	2.59	0.64	ppb
Titanium	47-1	601.64	605.79	589.19	598.87	1.44	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-17	Instrumnet Name :	P7
Client Sample ID :	MYE5K6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:41:37	DataFile Name :	205SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.88	0.90	0.89	1.29	ppb
Vanadium	51-2	101.39	101.45	101.87	101.57	0.25	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	221.17	222.92	223.03	222.37	0.47	ppb
Zirconium	90-1	5.27	5.38	5.49	5.38	1.96	ppb
Zirconium	91-1	5.22	5.44	5.56	5.41	3.22	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-18	Instrumnet Name :	P7
Client Sample ID :	MYE5K7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:44:40	DataFile Name :	206SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28810.80	28952.63	28793.78	28852.40	0.30	ppb
Antimony	121-1	1.53	1.47	1.52	1.51	2.11	ppb
Arsenic	75-2	77.03	78.50	77.99	77.84	0.96	ppb
Barium	135-1	349.57	330.83	330.77	337.06	3.21	ppb
Barium	137-1	337.48	326.04	332.86	332.13	1.73	ppb
Beryllium	9-1	1.24	1.23	1.21	1.23	1.10	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	1.82	1.79	1.84	3.36	ppb
Cadmium	106-1	1.26	0.90	1.12	1.10	16.48	ppb
Cadmium	111-1	1.30	1.28	1.31	1.30	0.96	ppb
Calcium	43-1	10875.47	10450.54	10450.01	10592.01	2.32	ppb
Calcium	44-1	10454.97	10116.67	10156.36	10242.67	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.60	56.25	56.63	56.16	0.93	ppb
Cobalt	59-2	33.51	33.44	33.87	33.61	0.69	ppb
Copper	63-2	212.07	214.66	216.82	214.52	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	63580.02	63725.57	64540.76	63948.78	0.81	ppb
Iron	57-2	62636.19	62274.66	64112.85	63007.90	1.55	ppb
Iron	54-2	62768.92	62742.00	63692.83	63067.92	0.86	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-18	Instrumnet Name :	P7
Client Sample ID :	MYE5K7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:44:40	DataFile Name :	206SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	65.17	64.34	63.51	64.34	1.29	ppb
Lead	207-1	63.61	63.02	61.25	62.63	1.97	ppb
Lead	208-1	63.88	62.54	61.40	62.60	1.98	ppb
Lithium	6-1				77		%
Magnesium	24-2	11740.12	11782.58	11831.34	11784.68	0.39	ppb
Manganese	55-2	1565.34	1584.07	1613.36	1587.59	1.52	ppb
Molybdenum	94-1	11.09	10.44	10.65	10.73	3.11	ppb
Molybdenum	95-1	0.93	0.89	0.90	0.91	2.03	ppb
Molybdenum	96-1	2.35	2.24	2.32	2.30	2.39	ppb
Molybdenum	97-1	0.96	0.90	0.90	0.92	3.60	ppb
Molybdenum	98-1	0.90	0.87	0.91	0.89	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.64	53.94	53.98	53.86	0.35	ppb
Phosphorus	31-2	2199.85	2201.98	2210.35	2204.06	0.25	ppb
Potassium	39-2	9038.74	9040.98	9043.43	9041.05	0.03	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.02	0.70	0.94	0.88	19.01	ppb
Selenium	77-2	13.68	15.03	12.53	13.75	9.10	ppb
Selenium	78-2	2.69	2.94	3.45	3.02	12.74	ppb
Silicon	28-1	1832.67	1747.74	1745.89	1775.43	2.79	ppb
Silver	107-1	0.44	0.45	0.44	0.44	1.20	ppb
Silver	109-1	0.46	0.45	0.46	0.46	0.43	ppb
Sodium	23-2	111.53	110.30	111.41	111.08	0.61	ppb
Strontium	86-1	2164.30	2075.98	2090.96	2110.42	2.24	ppb
Strontium	88-1	2193.87	2087.19	2102.37	2127.81	2.71	ppb
Sulfur	34-1	-889.45	-1074.32	-1116.94	-1026.90		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.30	0.30	0.29	0.30	1.13	ppb
Thallium	205-1	0.30	0.28	0.28	0.29	3.03	ppb
Tin	118-1	2.38	2.34	2.30	2.34	1.69	ppb
Titanium	47-1	570.31	565.21	550.41	561.97	1.84	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-18	Instrumnet Name :	P7
Client Sample ID :	MYE5K7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:44:40	DataFile Name :	206SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.69	0.67	0.68	2.00	ppb
Vanadium	51-2	98.57	99.33	99.38	99.09	0.46	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	244.01	244.65	246.33	245.00	0.49	ppb
Zirconium	90-1	5.78	5.64	5.71	5.71	1.27	ppb
Zirconium	91-1	5.76	5.57	5.73	5.69	1.79	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-19	Instrumnet Name :	P7
Client Sample ID :	MYE5K8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:47:43	DataFile Name :	207SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24904.85	24684.59	24363.85	24651.10	1.10	ppb
Antimony	121-1	1.47	1.46	1.51	1.48	1.88	ppb
Arsenic	75-2	82.67	83.57	83.28	83.18	0.55	ppb
Barium	135-1	426.64	417.41	419.15	421.07	1.17	ppb
Barium	137-1	417.45	412.54	421.86	417.29	1.12	ppb
Beryllium	9-1	0.76	0.86	0.85	0.82	6.27	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.34	1.33	1.23	1.30	4.64	ppb
Cadmium	106-1	0.90	0.72	0.04	0.55	82.01	ppb
Cadmium	111-1	0.82	0.77	0.76	0.78	3.58	ppb
Calcium	43-1	23556.36	23190.56	23443.48	23396.80	0.80	ppb
Calcium	44-1	23210.46	23333.92	23452.42	23332.27	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.14	85.03	83.41	84.53	1.15	ppb
Cobalt	59-2	42.55	42.41	41.80	42.25	0.95	ppb
Copper	63-2	102.51	102.38	101.63	102.18	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	64682.80	64657.28	63437.24	64259.11	1.11	ppb
Iron	57-2	64136.92	63704.50	62637.34	63492.92	1.22	ppb
Iron	54-2	63839.62	63484.97	62322.39	63215.66	1.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-19	Instrumnet Name :	P7
Client Sample ID :	MYE5K8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:47:43	DataFile Name :	207SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.43	18.63	19.09	18.72	1.80	ppb
Lead	207-1	17.27	17.84	17.89	17.66	1.93	ppb
Lead	208-1	17.64	18.11	18.21	17.99	1.69	ppb
Lithium	6-1				76		%
Magnesium	24-2	17497.85	17467.64	17115.52	17360.34	1.22	ppb
Manganese	55-2	2493.29	2479.46	2460.88	2477.88	0.66	ppb
Molybdenum	94-1	7.86	8.05	8.06	7.99	1.40	ppb
Molybdenum	95-1	1.44	1.48	1.47	1.46	1.34	ppb
Molybdenum	96-1	2.48	2.56	2.53	2.52	1.75	ppb
Molybdenum	97-1	1.46	1.46	1.47	1.46	0.25	ppb
Molybdenum	98-1	1.39	1.45	1.43	1.42	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.38	71.80	71.69	71.96	0.52	ppb
Phosphorus	31-2	1822.51	1766.50	1770.98	1786.66	1.74	ppb
Potassium	39-2	5892.29	6026.25	5828.89	5915.81	1.70	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	1.29	1.02	1.38	1.23	15.38	ppb
Selenium	77-2	12.22	13.02	10.95	12.06	8.63	ppb
Selenium	78-2	2.79	3.49	2.55	2.94	16.59	ppb
Silicon	28-1	1647.48	1637.22	1661.29	1648.66	0.73	ppb
Silver	107-1	0.07	0.08	0.08	0.08	5.45	ppb
Silver	109-1	0.08	0.08	0.08	0.08	3.29	ppb
Sodium	23-2	384.76	392.16	383.51	386.81	1.21	ppb
Strontium	86-1	4298.23	4232.56	4252.17	4260.99	0.79	ppb
Strontium	88-1	4262.67	4367.58	4293.32	4307.86	1.25	ppb
Sulfur	34-1	-511.68	-483.44	-446.88	-480.67		ppb
Terbium	159-1				116		%
Terbium	159-2				110		%
Thallium	203-1	0.27	0.28	0.28	0.28	3.11	ppb
Thallium	205-1	0.27	0.27	0.28	0.27	3.08	ppb
Tin	118-1	1.80	1.77	1.85	1.81	2.31	ppb
Titanium	47-1	374.10	381.54	388.56	381.40	1.90	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-19	Instrumnet Name :	P7
Client Sample ID :	MYE5K8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:47:43	DataFile Name :	207SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.03	1.03	1.02	0.82	ppb
Vanadium	51-2	104.56	103.86	101.61	103.34	1.49	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	220.45	220.13	216.37	218.98	1.04	ppb
Zirconium	90-1	3.84	3.91	3.93	3.89	1.25	ppb
Zirconium	91-1	3.91	3.89	3.94	3.91	0.66	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-20	Instrumnet Name :	P7
Client Sample ID :	MYE5K9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:50:47	DataFile Name :	208SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28536.90	29273.00	28810.70	28873.53	1.29	ppb
Antimony	121-1	2.14	2.24	2.31	2.23	3.83	ppb
Arsenic	75-2	82.96	82.13	81.38	82.16	0.96	ppb
Barium	135-1	385.73	400.45	401.80	395.99	2.25	ppb
Barium	137-1	383.43	399.29	406.67	396.46	2.99	ppb
Beryllium	9-1	0.97	1.10	1.00	1.03	6.33	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.97	1.30	1.39	1.22	18.32	ppb
Cadmium	106-1	0.84	0.73	0.96	0.84	13.70	ppb
Cadmium	111-1	0.56	0.57	0.58	0.57	1.85	ppb
Calcium	43-1	16936.14	17709.82	17841.69	17495.88	2.80	ppb
Calcium	44-1	16460.43	17187.34	17179.78	16942.52	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.84	88.11	87.24	87.06	1.31	ppb
Cobalt	59-2	41.27	42.57	42.10	41.98	1.57	ppb
Copper	63-2	127.40	131.21	127.98	128.86	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	56-2	74729.50	76254.52	76204.76	75729.59	1.14	ppb
Iron	57-2	73364.06	75744.87	74683.36	74597.43	1.60	ppb
Iron	54-2	73296.83	75353.64	74641.76	74430.74	1.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-20	Instrumnet Name :	P7
Client Sample ID :	MYE5K9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:50:47	DataFile Name :	208SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.12	21.41	21.28	20.94	3.39	ppb
Lead	207-1	18.91	19.89	19.80	19.53	2.79	ppb
Lead	208-1	19.36	20.43	20.38	20.06	3.01	ppb
Lithium	6-1				77		%
Magnesium	24-2	16351.10	16888.96	16978.27	16739.45	2.03	ppb
Manganese	55-2	2207.57	2267.19	2251.71	2242.16	1.38	ppb
Molybdenum	94-1	13.82	14.82	14.70	14.45	3.79	ppb
Molybdenum	95-1	1.20	1.23	1.21	1.22	1.12	ppb
Molybdenum	96-1	2.96	3.11	3.12	3.06	2.91	ppb
Molybdenum	97-1	1.18	1.23	1.28	1.23	4.24	ppb
Molybdenum	98-1	1.18	1.21	1.22	1.20	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.78	75.15	74.08	74.00	1.60	ppb
Phosphorus	31-2	2141.85	2155.29	2171.38	2156.17	0.69	ppb
Potassium	39-2	6762.07	6966.76	6912.30	6880.38	1.54	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	0.75	0.86	0.81	0.81	6.45	ppb
Selenium	77-2	14.02	12.03	12.94	13.00	7.65	ppb
Selenium	78-2	2.68	3.24	3.44	3.12	12.74	ppb
Silicon	28-1	1361.38	1411.48	1398.91	1390.59	1.87	ppb
Silver	107-1	0.12	0.12	0.13	0.12	3.84	ppb
Silver	109-1	0.12	0.12	0.13	0.12	5.50	ppb
Sodium	23-2	183.99	190.95	190.23	188.39	2.03	ppb
Strontium	86-1	2210.23	2316.43	2333.67	2286.77	2.92	ppb
Strontium	88-1	2233.27	2311.44	2348.16	2297.62	2.55	ppb
Sulfur	34-1	-1061.90	-1048.35	-1056.21	-1055.49		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.18	0.20	0.20	0.19	4.93	ppb
Thallium	205-1	0.18	0.19	0.20	0.19	6.02	ppb
Tin	118-1	2.21	2.35	2.34	2.30	3.46	ppb
Titanium	47-1	498.91	506.06	504.36	503.11	0.74	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-20	Instrumnet Name :	P7
Client Sample ID :	MYE5K9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:50:47	DataFile Name :	208SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.03	1.02	1.01	2.36	ppb
Vanadium	51-2	112.16	114.69	113.80	113.55	1.13	ppb
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	203.16	208.46	204.19	205.27	1.37	ppb
Zirconium	90-1	7.37	7.74	7.83	7.64	3.19	ppb
Zirconium	91-1	7.32	7.74	7.87	7.64	3.77	ppb

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:53:53	DataFile Name :	209SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6060.91	6045.24	6102.71	6069.62	0.49	ppb
Antimony	121-1	0.33	0.34	0.33	0.33	2.42	ppb
Arsenic	75-2	18.15	18.01	17.87	18.01	0.78	ppb
Barium	135-1	75.44	77.23	76.05	76.24	1.20	ppb
Barium	137-1	76.29	77.15	75.65	76.36	0.99	ppb
Beryllium	9-1	0.20	0.19	0.25	0.21	17.06	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.34	0.28	0.32	10.77	ppb
Cadmium	106-1	-0.62	-0.75	-1.63	-1.00		ppb
Cadmium	111-1	0.20	0.20	0.12	0.18	25.61	ppb
Calcium	43-1	2156.26	2119.47	2177.78	2151.17	1.37	ppb
Calcium	44-1	2119.10	2086.77	2094.39	2100.09	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.92	18.03	18.18	18.04	0.74	ppb
Cobalt	59-2	8.61	8.63	8.75	8.66	0.88	ppb
Copper	63-2	50.14	50.35	50.82	50.44	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	16798.35	16584.53	16762.79	16715.22	0.69	ppb
Iron	57-2	16278.34	16310.90	16493.95	16361.07	0.71	ppb
Iron	54-2	16346.24	16322.45	16604.86	16424.52	0.95	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:53:53	DataFile Name :	209SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.27	11.25	11.13	11.22	0.67	ppb
Lead	207-1	10.95	10.92	10.91	10.93	0.19	ppb
Lead	208-1	11.08	10.99	10.94	11.00	0.62	ppb
Lithium	6-1				82		%
Magnesium	24-2	3522.04	3521.94	3515.29	3519.76	0.11	ppb
Manganese	55-2	453.74	457.21	459.34	456.76	0.62	ppb
Molybdenum	94-1	2.56	2.57	2.57	2.57	0.27	ppb
Molybdenum	95-1	0.25	0.26	0.25	0.26	2.50	ppb
Molybdenum	96-1	0.58	0.59	0.58	0.58	1.46	ppb
Molybdenum	97-1	0.24	0.24	0.27	0.25	5.17	ppb
Molybdenum	98-1	0.25	0.24	0.26	0.25	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.13	15.07	15.22	15.14	0.49	ppb
Phosphorus	31-2	435.78	409.76	429.99	425.17	3.21	ppb
Potassium	39-2	1971.71	1980.74	1998.65	1983.70	0.69	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.26	0.64	0.48	0.46	41.90	ppb
Selenium	77-2	3.77	2.17	3.20	3.05	26.53	ppb
Selenium	78-2	0.07	1.10	0.86	0.68	80.11	ppb
Silicon	28-1	419.16	417.62	426.11	420.97	1.07	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.17	ppb
Silver	109-1	0.09	0.09	0.09	0.09	2.99	ppb
Sodium	23-2	41.61	43.11	46.08	43.60	5.23	ppb
Strontium	86-1	263.86	263.67	266.40	264.64	0.58	ppb
Strontium	88-1	262.41	264.97	267.64	265.01	0.99	ppb
Sulfur	34-1	-1454.80	-1474.60	-1444.25	-1457.88		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.05	0.05	0.05	8.17	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	1.31	ppb
Tin	118-1	0.51	0.48	0.53	0.51	5.18	ppb
Titanium	47-1	129.22	127.53	129.37	128.71	0.79	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:53:53	DataFile Name :	209SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.14	0.14	0.14	3.08	ppb
Vanadium	51-2	23.39	23.48	23.50	23.45	0.26	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	58.73	58.31	58.33	58.46	0.41	ppb
Zirconium	90-1	1.33	1.35	1.35	1.34	0.74	ppb
Zirconium	91-1	1.32	1.32	1.33	1.32	0.66	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:57:03	DataFile Name :	210SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6597.93	6490.71	6558.40	6549.01	0.83	ppb
Antimony	121-1	0.34	0.36	0.35	0.35	2.45	ppb
Arsenic	75-2	19.09	18.93	19.38	19.13	1.19	ppb
Barium	135-1	79.92	79.26	80.41	79.87	0.72	ppb
Barium	137-1	79.28	78.54	81.09	79.64	1.65	ppb
Beryllium	9-1	0.22	0.27	0.27	0.25	11.24	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.31	0.45	0.40	19.73	ppb
Cadmium	106-1	-1.21	-1.04	-1.79	-1.35		ppb
Cadmium	111-1	0.16	0.21	0.13	0.17	23.67	ppb
Calcium	43-1	2202.28	2264.13	2233.76	2233.39	1.38	ppb
Calcium	44-1	2104.83	2144.29	2177.30	2142.14	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.78	18.77	19.00	18.85	0.70	ppb
Cobalt	59-2	9.28	9.40	9.44	9.38	0.87	ppb
Copper	63-2	54.24	54.28	54.86	54.46	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	17477.26	17720.68	17693.62	17630.52	0.76	ppb
Iron	57-2	17419.97	17339.02	17619.23	17459.41	0.83	ppb
Iron	54-2	17206.96	17437.98	17642.63	17429.19	1.25	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:57:03	DataFile Name :	210SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.83	11.95	11.83	11.87	0.63	ppb
Lead	207-1	11.72	11.73	11.47	11.64	1.27	ppb
Lead	208-1	11.67	11.65	11.54	11.62	0.62	ppb
Lithium	6-1				84		%
Magnesium	24-2	3838.61	3783.49	3809.19	3810.43	0.72	ppb
Manganese	55-2	477.83	491.86	494.14	487.94	1.81	ppb
Molybdenum	94-1	2.63	2.69	2.73	2.68	1.80	ppb
Molybdenum	95-1	0.27	0.26	0.26	0.26	1.28	ppb
Molybdenum	96-1	0.62	0.62	0.63	0.62	0.67	ppb
Molybdenum	97-1	0.27	0.25	0.26	0.26	3.63	ppb
Molybdenum	98-1	0.26	0.27	0.26	0.26	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.13	16.08	16.42	16.21	1.14	ppb
Phosphorus	31-2	467.93	466.16	469.15	467.75	0.32	ppb
Potassium	39-2	2066.18	2117.93	2146.32	2110.14	1.93	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.43	0.42	0.38	0.41	7.10	ppb
Selenium	77-2	3.28	3.48	3.51	3.43	3.70	ppb
Selenium	78-2	0.50	0.82	1.18	0.83	40.90	ppb
Silicon	28-1	439.87	444.67	439.29	441.28	0.67	ppb
Silver	107-1	0.09	0.08	0.10	0.09	6.55	ppb
Silver	109-1	0.09	0.09	0.10	0.09	5.05	ppb
Sodium	23-2	41.64	43.41	43.77	42.94	2.66	ppb
Strontium	86-1	280.18	276.32	278.32	278.28	0.69	ppb
Strontium	88-1	278.41	279.84	281.28	279.84	0.51	ppb
Sulfur	34-1	-1472.96	-1448.03	-1481.85	-1467.62		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.05	0.05	0.05	2.30	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.25	ppb
Tin	118-1	0.52	0.52	0.52	0.52	0.60	ppb
Titanium	47-1	132.06	134.61	134.14	133.60	1.01	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:57:03	DataFile Name :	210SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.15	0.15	0.15	1.63	ppb
Vanadium	51-2	24.80	24.80	25.08	24.89	0.66	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	62.13	62.42	63.07	62.54	0.77	ppb
Zirconium	90-1	1.37	1.38	1.37	1.37	0.50	ppb
Zirconium	91-1	1.38	1.36	1.41	1.38	1.74	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:00:14	DataFile Name :	211SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1161.72	1165.16	1202.79	1176.56	1.94	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	4.86	ppb
Arsenic	75-2	3.52	3.57	3.50	3.53	1.02	ppb
Barium	135-1	15.31	14.99	14.92	15.08	1.38	ppb
Barium	137-1	15.35	15.23	14.70	15.09	2.30	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	8.70	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.06	0.06	0.06	4.52	ppb
Cadmium	106-1	-0.57	-1.22	-1.57	-1.12		ppb
Cadmium	111-1	0.01	-0.02	-0.05	-0.02		ppb
Calcium	43-1	436.46	423.44	412.26	424.05	2.86	ppb
Calcium	44-1	437.90	422.19	420.29	426.79	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.42	3.39	3.53	3.45	2.09	ppb
Cobalt	59-2	1.66	1.66	1.71	1.68	1.86	ppb
Copper	63-2	9.68	9.72	9.94	9.78	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	3190.47	3171.73	3244.07	3202.09	1.17	ppb
Iron	57-2	3258.99	3227.31	3299.04	3261.78	1.10	ppb
Iron	54-2	3170.95	3134.38	3213.57	3172.97	1.25	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:00:14	DataFile Name :	211SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.32	2.18	2.19	2.23	3.46	ppb
Lead	207-1	2.18	2.14	2.04	2.12	3.24	ppb
Lead	208-1	2.24	2.13	2.11	2.16	3.22	ppb
Lithium	6-1				87		%
Magnesium	24-2	668.33	661.90	679.04	669.76	1.29	ppb
Manganese	55-2	86.18	86.26	88.05	86.83	1.22	ppb
Molybdenum	94-1	0.51	0.46	0.48	0.48	4.45	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	10.82	ppb
Molybdenum	96-1	0.12	0.10	0.11	0.11	5.83	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	5.16	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.93	2.91	3.05	2.96	2.43	ppb
Phosphorus	31-2	61.36	72.01	70.01	67.79	8.35	ppb
Potassium	39-2	398.06	393.57	404.47	398.70	1.37	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	0.30	0.12	0.10	0.17	64.33	ppb
Selenium	77-2	0.83	0.57	0.48	0.63	28.79	ppb
Selenium	78-2	0.30	0.20	0.56	0.35	53.45	ppb
Silicon	28-1	78.78	74.37	74.60	75.92	3.27	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.33	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.77	ppb
Sodium	23-2	10.93	11.09	11.19	11.07	1.20	ppb
Strontium	86-1	53.09	51.62	52.36	52.36	1.41	ppb
Strontium	88-1	53.12	51.18	50.73	51.68	2.46	ppb
Sulfur	34-1	-1458.82	-1553.61	-1553.42	-1521.95		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.02	0.01	0.02	19.51	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	11.78	ppb
Tin	118-1	0.09	0.10	0.09	0.09	4.77	ppb
Titanium	47-1	26.11	25.23	24.75	25.37	2.72	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:00:14	DataFile Name :	211SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	4.41	ppb
Vanadium	51-2	4.43	4.47	4.51	4.47	0.90	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	11.62	11.64	12.10	11.79	2.27	ppb
Zirconium	90-1	0.25	0.26	0.25	0.25	1.78	ppb
Zirconium	91-1	0.27	0.24	0.26	0.26	6.55	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:03:28	DataFile Name :	212SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6587.85	6471.06	6705.94	6588.28	1.78	ppb
Antimony	121-1	16.66	17.12	17.12	16.97	1.55	ppb
Arsenic	75-2	24.95	24.71	24.97	24.88	0.58	ppb
Barium	135-1	418.12	429.37	421.03	422.84	1.38	ppb
Barium	137-1	410.01	424.49	421.19	418.56	1.81	ppb
Beryllium	9-1	8.88	9.17	8.55	8.87	3.49	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.79	8.24	8.29	8.11	3.38	ppb
Cadmium	106-1	7.40	7.42	6.31	7.04	9.02	ppb
Cadmium	111-1	8.64	8.85	8.85	8.78	1.34	ppb
Calcium	43-1	2192.46	2149.80	2203.03	2181.76	1.29	ppb
Calcium	44-1	2128.24	2100.79	2120.47	2116.50	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.84	52.70	53.18	52.91	0.47	ppb
Cobalt	59-2	96.52	98.51	98.50	97.84	1.17	ppb
Copper	63-2	92.07	92.40	94.12	92.87	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	16795.22	16957.46	17031.26	16927.98	0.71	ppb
Iron	57-2	16636.97	16629.06	16785.73	16683.92	0.53	ppb
Iron	54-2	16587.85	16647.73	17088.64	16774.74	1.63	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:03:28	DataFile Name :	212SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.80	14.79	14.57	14.72	0.90	ppb
Lead	207-1	14.28	14.37	14.18	14.28	0.68	ppb
Lead	208-1	14.41	14.55	14.28	14.41	0.94	ppb
Lithium	6-1				87		%
Magnesium	24-2	3585.55	3626.04	3612.02	3607.87	0.57	ppb
Manganese	55-2	537.98	537.84	543.45	539.75	0.59	ppb
Molybdenum	94-1	2.52	2.56	2.58	2.55	1.33	ppb
Molybdenum	95-1	0.26	0.25	0.26	0.26	3.11	ppb
Molybdenum	96-1	0.58	0.61	0.62	0.60	3.54	ppb
Molybdenum	97-1	0.27	0.27	0.26	0.27	1.82	ppb
Molybdenum	98-1	0.26	0.25	0.26	0.26	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.90	104.37	104.14	104.14	0.22	ppb
Phosphorus	31-2	443.60	435.31	442.51	440.47	1.02	ppb
Potassium	39-2	2014.65	1986.16	2017.44	2006.09	0.86	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	19.82	20.14	21.49	20.49	4.33	ppb
Selenium	77-2	23.42	22.60	24.09	23.37	3.19	ppb
Selenium	78-2	20.86	19.76	18.82	19.81	5.17	ppb
Silicon	28-1	433.61	430.00	440.42	434.68	1.22	ppb
Silver	107-1	7.05	7.23	7.23	7.17	1.48	ppb
Silver	109-1	7.20	7.38	7.35	7.31	1.33	ppb
Sodium	23-2	35.78	36.48	37.54	36.60	2.43	ppb
Strontium	86-1	269.57	268.49	271.54	269.87	0.57	ppb
Strontium	88-1	268.31	271.51	273.69	271.17	1.00	ppb
Sulfur	34-1	-1413.98	-1481.35	-1443.46	-1446.26		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	8.10	8.23	8.10	8.14	0.94	ppb
Thallium	205-1	8.10	8.21	8.09	8.13	0.86	ppb
Tin	118-1	0.52	0.51	0.51	0.51	1.40	ppb
Titanium	47-1	131.14	129.39	131.64	130.72	0.90	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:03:28	DataFile Name :	212SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.14	0.14	0.55	ppb
Vanadium	51-2	106.59	107.43	107.73	107.25	0.55	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	145.30	146.49	147.54	146.44	0.77	ppb
Zirconium	90-1	1.34	1.36	1.38	1.36	1.56	ppb
Zirconium	91-1	1.37	1.37	1.38	1.37	0.45	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:06:35	DataFile Name :	213SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7509.17	7733.27	7486.66	7576.36	1.80	ppb
Antimony	121-1	75.94	77.28	74.72	75.98	1.69	ppb
Arsenic	75-2	47.14	48.72	48.14	48.00	1.66	ppb
Barium	135-1	1499.58	1518.06	1474.98	1497.54	1.44	ppb
Barium	137-1	1485.14	1499.51	1472.94	1485.86	0.89	ppb
Beryllium	9-1	34.19	36.15	35.60	35.32	2.86	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.25	35.59	34.25	35.03	2.00	ppb
Cadmium	106-1	34.76	34.36	32.93	34.01	2.83	ppb
Cadmium	111-1	39.52	39.82	38.84	39.39	1.27	ppb
Calcium	43-1	2120.61	2163.56	2134.70	2139.62	1.02	ppb
Calcium	44-1	2027.31	2109.14	2055.35	2063.93	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165.43	167.44	167.40	166.76	0.69	ppb
Cobalt	59-2	385.25	385.32	386.12	385.56	0.13	ppb
Copper	63-2	232.09	233.51	233.58	233.06	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	17415.81	17593.77	17396.41	17468.66	0.62	ppb
Iron	57-2	16937.73	17407.40	17164.80	17169.98	1.37	ppb
Iron	54-2	17141.04	17299.86	17296.79	17245.90	0.53	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:06:35	DataFile Name :	213SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.43	26.76	26.62	26.61	0.62	ppb
Lead	207-1	25.63	25.81	25.83	25.76	0.43	ppb
Lead	208-1	25.92	26.13	26.12	26.06	0.45	ppb
Lithium	6-1				88		%
Magnesium	24-2	3492.90	3633.42	3577.52	3567.94	1.98	ppb
Manganese	55-2	798.39	811.85	816.99	809.08	1.19	ppb
Molybdenum	94-1	2.60	2.57	2.61	2.59	0.69	ppb
Molybdenum	95-1	0.28	0.29	0.28	0.28	2.90	ppb
Molybdenum	96-1	0.62	0.60	0.61	0.61	2.00	ppb
Molybdenum	97-1	0.27	0.25	0.26	0.26	3.65	ppb
Molybdenum	98-1	0.27	0.27	0.28	0.27	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	396.48	399.73	398.19	398.13	0.41	ppb
Phosphorus	31-2	442.64	446.59	430.57	439.93	1.90	ppb
Potassium	39-2	1990.39	1994.65	2007.92	1997.66	0.46	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	75.74	75.29	76.28	75.77	0.66	ppb
Selenium	77-2	76.52	71.73	77.16	75.14	3.95	ppb
Selenium	78-2	72.81	76.08	71.20	73.36	3.39	ppb
Silicon	28-1	421.77	427.06	413.33	420.72	1.65	ppb
Silver	107-1	29.96	29.94	29.53	29.81	0.81	ppb
Silver	109-1	30.33	30.53	29.96	30.27	0.96	ppb
Sodium	23-2	36.82	37.11	37.91	37.28	1.52	ppb
Strontium	86-1	266.20	268.66	267.60	267.49	0.46	ppb
Strontium	88-1	268.32	267.05	267.23	267.53	0.26	ppb
Sulfur	34-1	-1471.04	-1456.19	-1487.82	-1471.68		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	37.05	37.51	37.49	37.35	0.70	ppb
Thallium	205-1	37.35	36.71	37.22	37.09	0.92	ppb
Tin	118-1	0.51	0.51	0.49	0.50	2.42	ppb
Titanium	47-1	128.01	130.22	127.40	128.54	1.16	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:06:35	DataFile Name :	213SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.15	0.15	0.15	0.35	ppb
Vanadium	51-2	380.94	383.42	378.37	380.91	0.66	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	426.47	432.88	429.30	429.55	0.75	ppb
Zirconium	90-1	1.33	1.32	1.33	1.33	0.41	ppb
Zirconium	91-1	1.38	1.36	1.37	1.37	0.57	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:09:36	DataFile Name :	214SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8300.44	8355.43	8586.99	8414.28	1.81	ppb
Antimony	121-1	0.33	0.33	0.34	0.33	2.20	ppb
Arsenic	75-2	21.83	21.25	21.28	21.46	1.52	ppb
Barium	135-1	101.51	102.42	103.81	102.58	1.13	ppb
Barium	137-1	102.21	102.34	104.20	102.92	1.08	ppb
Beryllium	9-1	0.31	0.27	0.27	0.28	7.78	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.24	0.15	0.19	24.50	ppb
Cadmium	106-1	-0.28	-0.95	-0.58	-0.60		ppb
Cadmium	111-1	0.06	0.01	0.03	0.03	63.72	ppb
Calcium	43-1	4451.01	4549.95	4624.14	4541.70	1.91	ppb
Calcium	44-1	4321.53	4388.87	4502.60	4404.33	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.41	23.57	23.29	23.42	0.59	ppb
Cobalt	59-2	11.03	10.88	11.04	10.98	0.82	ppb
Copper	63-2	31.71	31.39	31.42	31.51	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	19719.24	19790.24	19977.28	19828.92	0.67	ppb
Iron	57-2	19467.12	19701.26	19642.94	19603.77	0.62	ppb
Iron	54-2	19570.48	19840.89	19643.52	19684.96	0.71	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:09:36	DataFile Name :	214SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.39	5.53	5.54	5.49	1.54	ppb
Lead	207-1	5.05	5.19	5.19	5.14	1.56	ppb
Lead	208-1	5.17	5.26	5.31	5.25	1.38	ppb
Lithium	6-1				87		%
Magnesium	24-2	4675.27	4663.31	4706.33	4681.64	0.47	ppb
Manganese	55-2	549.67	553.20	552.72	551.86	0.35	ppb
Molybdenum	94-1	2.65	2.75	2.68	2.69	1.90	ppb
Molybdenum	95-1	0.26	0.26	0.28	0.27	3.06	ppb
Molybdenum	96-1	0.61	0.62	0.62	0.62	1.15	ppb
Molybdenum	97-1	0.26	0.28	0.27	0.27	4.08	ppb
Molybdenum	98-1	0.26	0.25	0.26	0.26	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.49	21.46	22.03	21.66	1.48	ppb
Phosphorus	31-2	374.96	377.15	386.81	379.64	1.66	ppb
Potassium	39-2	1434.41	1414.53	1413.15	1420.70	0.84	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.22	0.23	0.31	0.25	19.25	ppb
Selenium	77-2	3.82	4.39	4.59	4.27	9.38	ppb
Selenium	78-2	1.00	1.09	0.48	0.86	38.05	ppb
Silicon	28-1	433.35	449.57	439.96	440.96	1.85	ppb
Silver	107-1	0.05	0.04	0.04	0.04	12.27	ppb
Silver	109-1	0.05	0.04	0.04	0.05	8.27	ppb
Sodium	23-2	39.32	38.01	39.17	38.83	1.85	ppb
Strontium	86-1	388.14	402.18	396.20	395.51	1.78	ppb
Strontium	88-1	391.57	400.17	398.53	396.76	1.15	ppb
Sulfur	34-1	-1413.98	-1374.10	-1325.59	-1371.22		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.06	0.06	0.06	1.87	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	6.49	ppb
Tin	118-1	0.52	0.53	0.55	0.54	2.65	ppb
Titanium	47-1	126.22	130.44	131.76	129.47	2.23	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:09:36	DataFile Name :	214SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.18	0.19	0.19	0.97	ppb
Vanadium	51-2	29.23	29.35	29.37	29.32	0.25	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	45.08	45.14	45.06	45.09	0.10	ppb
Zirconium	90-1	1.40	1.43	1.41	1.41	0.97	ppb
Zirconium	91-1	1.36	1.45	1.46	1.42	4.08	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:12:48	DataFile Name :	215SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9587.14	9329.34	9122.85	9346.44	2.49	ppb
Antimony	121-1	1.50	1.49	1.51	1.50	0.72	ppb
Arsenic	75-2	23.92	24.01	23.10	23.67	2.10	ppb
Barium	135-1	145.08	144.75	143.89	144.57	0.43	ppb
Barium	137-1	143.70	144.99	144.91	144.53	0.50	ppb
Beryllium	9-1	0.26	0.35	0.27	0.29	16.48	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.26	0.24	0.33	0.28	18.66	ppb
Cadmium	106-1	-0.40	-0.91	-0.87	-0.73		ppb
Cadmium	111-1	0.06	0.02	0.01	0.03	79.18	ppb
Calcium	43-1	4869.19	4903.53	4878.15	4883.62	0.36	ppb
Calcium	44-1	4673.36	4764.23	4694.56	4710.72	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.14	25.15	24.83	25.04	0.73	ppb
Cobalt	59-2	13.07	13.05	12.74	12.95	1.43	ppb
Copper	63-2	35.51	35.15	34.92	35.20	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	22578.46	22128.69	22283.97	22330.37	1.02	ppb
Iron	57-2	22084.37	21897.23	21729.28	21903.63	0.81	ppb
Iron	54-2	22001.82	22230.26	21645.00	21959.02	1.34	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:12:48	DataFile Name :	215SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.44	6.46	6.41	6.43	0.37	ppb
Lead	207-1	6.01	6.08	5.98	6.03	0.86	ppb
Lead	208-1	6.08	6.15	6.12	6.12	0.57	ppb
Lithium	6-1				88		%
Magnesium	24-2	5262.76	5203.61	5114.01	5193.46	1.44	ppb
Manganese	55-2	712.32	711.48	705.57	709.79	0.52	ppb
Molybdenum	94-1	2.93	2.97	2.95	2.95	0.71	ppb
Molybdenum	95-1	0.31	0.31	0.30	0.31	1.12	ppb
Molybdenum	96-1	0.69	0.73	0.70	0.71	2.80	ppb
Molybdenum	97-1	0.30	0.30	0.32	0.31	3.46	ppb
Molybdenum	98-1	0.29	0.29	0.31	0.30	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.55	23.16	23.09	23.27	1.07	ppb
Phosphorus	31-2	456.15	445.21	441.59	447.65	1.69	ppb
Potassium	39-2	1628.00	1599.94	1589.34	1605.76	1.24	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.23	0.51	0.21	0.31	54.06	ppb
Selenium	77-2	5.12	5.29	5.19	5.20	1.70	ppb
Selenium	78-2	0.72	0.93	1.61	1.09	42.46	ppb
Silicon	28-1	512.91	521.88	516.78	517.19	0.87	ppb
Silver	107-1	0.03	0.04	0.03	0.03	7.90	ppb
Silver	109-1	0.03	0.03	0.04	0.03	2.28	ppb
Sodium	23-2	42.36	42.04	40.86	41.75	1.90	ppb
Strontium	86-1	447.63	442.53	442.83	444.33	0.64	ppb
Strontium	88-1	444.19	445.34	443.27	444.27	0.23	ppb
Sulfur	34-1	-1299.25	-1291.11	-1319.29	-1303.21		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.05	0.06	0.06	5.75	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	3.46	ppb
Tin	118-1	0.66	0.65	0.68	0.66	1.95	ppb
Titanium	47-1	142.42	142.59	141.08	142.03	0.58	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:12:48	DataFile Name :	215SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.21	0.21	0.10	ppb
Vanadium	51-2	32.91	32.56	32.15	32.54	1.17	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	51.96	51.22	50.26	51.15	1.67	ppb
Zirconium	90-1	1.56	1.57	1.54	1.56	0.79	ppb
Zirconium	91-1	1.58	1.54	1.58	1.57	1.17	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:15:59	DataFile Name :	216SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1589.44	1638.87	1611.43	1613.25	1.54	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	0.65	ppb
Arsenic	75-2	3.94	4.35	4.19	4.16	4.98	ppb
Barium	135-1	20.48	20.12	20.08	20.23	1.10	ppb
Barium	137-1	19.95	20.29	20.09	20.11	0.85	ppb
Beryllium	9-1	0.05	0.04	0.06	0.05	16.42	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.04	0.00	0.02	123.20	ppb
Cadmium	106-1	-1.10	-1.15	-1.80	-1.35		ppb
Cadmium	111-1	-0.06	-0.06	-0.12	-0.08		ppb
Calcium	43-1	916.00	918.09	908.42	914.17	0.56	ppb
Calcium	44-1	911.30	913.09	900.39	908.26	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.48	4.61	4.48	4.52	1.61	ppb
Cobalt	59-2	2.09	2.12	2.13	2.11	0.95	ppb
Copper	63-2	6.06	6.16	6.15	6.12	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	3827.93	3843.26	3813.08	3828.09	0.39	ppb
Iron	57-2	3840.90	3924.18	3874.32	3879.80	1.08	ppb
Iron	54-2	3685.13	3817.90	3831.84	3778.29	2.14	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:15:59	DataFile Name :	216SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.09	1.11	1.10	1.10	1.10	ppb
Lead	207-1	1.00	1.05	1.02	1.02	2.38	ppb
Lead	208-1	1.04	1.06	1.05	1.05	1.07	ppb
Lithium	6-1				90		%
Magnesium	24-2	880.04	903.02	893.05	892.04	1.29	ppb
Manganese	55-2	104.53	107.40	105.38	105.77	1.39	ppb
Molybdenum	94-1	0.51	0.53	0.52	0.52	1.56	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	7.99	ppb
Molybdenum	96-1	0.13	0.12	0.11	0.12	5.58	ppb
Molybdenum	97-1	0.05	0.05	0.06	0.05	10.70	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	8.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.11	4.22	4.26	4.20	1.81	ppb
Phosphorus	31-2	55.54	61.13	55.81	57.49	5.49	ppb
Potassium	39-2	282.47	289.16	284.72	285.45	1.19	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.15	0.21	-0.05	0.10	127.22	ppb
Selenium	77-2	0.82	0.93	0.83	0.86	6.87	ppb
Selenium	78-2	-0.10	0.69	0.10	0.23	181.30	ppb
Silicon	28-1	80.26	81.10	79.05	80.14	1.28	ppb
Silver	107-1	0.01	0.00	0.01	0.01	18.35	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.74	ppb
Sodium	23-2	9.20	9.40	8.96	9.19	2.39	ppb
Strontium	86-1	77.60	79.84	78.53	78.66	1.43	ppb
Strontium	88-1	78.20	79.46	78.86	78.84	0.80	ppb
Sulfur	34-1	-1320.74	-1307.70	-1302.07	-1310.17		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.01	0.01	0.01	15.80	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	9.24	ppb
Tin	118-1	0.10	0.11	0.09	0.10	5.80	ppb
Titanium	47-1	25.98	26.20	25.77	25.98	0.82	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:15:59	DataFile Name :	216SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.03	0.03	0.04	6.01	ppb
Vanadium	51-2	5.51	5.71	5.70	5.64	2.01	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	9.22	9.38	9.40	9.33	1.03	ppb
Zirconium	90-1	0.27	0.28	0.28	0.27	2.07	ppb
Zirconium	91-1	0.27	0.28	0.27	0.27	1.36	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:19:14	DataFile Name :	217SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8745.35	8999.13	8846.05	8863.51	1.44	ppb
Antimony	121-1	17.48	17.90	17.64	17.67	1.21	ppb
Arsenic	75-2	28.29	28.42	28.78	28.50	0.88	ppb
Barium	135-1	456.80	470.36	459.98	462.38	1.53	ppb
Barium	137-1	454.80	465.23	457.91	459.31	1.17	ppb
Beryllium	9-1	8.67	8.94	8.95	8.86	1.82	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.01	7.94	7.98	7.98	0.45	ppb
Cadmium	106-1	7.48	7.34	6.49	7.10	7.57	ppb
Cadmium	111-1	9.00	9.14	8.98	9.04	0.97	ppb
Calcium	43-1	4530.09	4579.88	4661.06	4590.35	1.44	ppb
Calcium	44-1	4368.76	4393.22	4431.14	4397.71	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.45	58.63	59.26	58.78	0.72	ppb
Cobalt	59-2	100.78	100.09	103.69	101.52	1.88	ppb
Copper	63-2	74.64	74.57	75.05	74.75	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	20281.53	20033.01	20256.25	20190.26	0.68	ppb
Iron	57-2	19772.40	19637.42	19880.83	19763.55	0.62	ppb
Iron	54-2	19651.44	19694.60	20085.93	19810.66	1.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:19:14	DataFile Name :	217SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.22	9.12	9.29	9.21	0.88	ppb
Lead	207-1	8.74	8.91	8.77	8.81	0.99	ppb
Lead	208-1	8.85	8.92	8.94	8.91	0.53	ppb
Lithium	6-1				90		%
Magnesium	24-2	4702.03	4800.69	4788.33	4763.68	1.13	ppb
Manganese	55-2	656.64	654.05	664.37	658.36	0.82	ppb
Molybdenum	94-1	2.77	2.83	2.77	2.79	1.28	ppb
Molybdenum	95-1	0.27	0.27	0.27	0.27	0.47	ppb
Molybdenum	96-1	0.65	0.66	0.64	0.65	1.67	ppb
Molybdenum	97-1	0.25	0.28	0.26	0.26	6.13	ppb
Molybdenum	98-1	0.25	0.27	0.26	0.26	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.14	111.67	112.57	112.13	0.40	ppb
Phosphorus	31-2	377.79	389.61	387.47	384.95	1.64	ppb
Potassium	39-2	1453.20	1415.02	1408.50	1425.58	1.69	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	13.26	13.30	13.21	13.26	0.34	ppb
Selenium	77-2	18.16	18.65	17.38	18.07	3.54	ppb
Selenium	78-2	12.48	14.12	14.05	13.55	6.84	ppb
Silicon	28-1	449.76	461.45	467.30	459.50	1.94	ppb
Silver	107-1	7.17	7.32	7.26	7.25	1.05	ppb
Silver	109-1	7.22	7.48	7.37	7.35	1.76	ppb
Sodium	23-2	36.45	36.82	37.81	37.03	1.90	ppb
Strontium	86-1	405.22	408.91	400.28	404.80	1.07	ppb
Strontium	88-1	404.42	405.69	405.64	405.25	0.18	ppb
Sulfur	34-1	-1177.50	-1166.05	-1184.34	-1175.97		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	8.61	8.65	8.68	8.64	0.44	ppb
Thallium	205-1	8.60	8.61	8.56	8.59	0.33	ppb
Tin	118-1	0.54	0.58	0.53	0.55	4.27	ppb
Titanium	47-1	128.94	131.33	134.57	131.61	2.15	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:19:14	DataFile Name :	217SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.19	0.19	0.37	ppb
Vanadium	51-2	116.53	116.27	115.43	116.08	0.50	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	134.35	135.05	135.31	134.90	0.37	ppb
Zirconium	90-1	1.43	1.46	1.44	1.44	1.00	ppb
Zirconium	91-1	1.42	1.49	1.39	1.43	3.68	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:22:20	DataFile Name :	218SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9619.96	9457.69	10017.06	9698.24	2.97	ppb
Antimony	121-1	74.48	73.41	77.57	75.15	2.87	ppb
Arsenic	75-2	50.39	49.95	50.32	50.22	0.47	ppb
Barium	135-1	1502.80	1498.07	1556.86	1519.25	2.15	ppb
Barium	137-1	1495.05	1498.75	1572.22	1522.01	2.86	ppb
Beryllium	9-1	36.11	35.67	36.96	36.25	1.81	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.56	34.33	34.94	34.28	2.03	ppb
Cadmium	106-1	32.79	32.35	33.88	33.00	2.38	ppb
Cadmium	111-1	37.80	38.08	39.79	38.56	2.79	ppb
Calcium	43-1	4451.32	4432.12	4592.53	4491.99	1.95	ppb
Calcium	44-1	4343.54	4274.40	4425.47	4347.80	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172.59	171.55	175.18	173.11	1.08	ppb
Cobalt	59-2	384.54	377.56	388.79	383.63	1.48	ppb
Copper	63-2	205.95	205.81	212.99	208.25	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	20173.51	19786.89	20847.02	20269.14	2.65	ppb
Iron	57-2	19957.19	19852.61	20320.85	20043.55	1.23	ppb
Iron	54-2	20239.51	20008.44	20178.10	20142.02	0.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:22:20	DataFile Name :	218SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.35	20.58	20.87	20.60	1.26	ppb
Lead	207-1	19.50	19.61	20.05	19.72	1.46	ppb
Lead	208-1	19.71	20.05	20.32	20.03	1.54	ppb
Lithium	6-1				88		%
Magnesium	24-2	4595.00	4510.28	4757.26	4620.85	2.72	ppb
Manganese	55-2	902.80	906.17	917.80	908.92	0.87	ppb
Molybdenum	94-1	2.81	2.79	2.79	2.80	0.35	ppb
Molybdenum	95-1	0.28	0.28	0.26	0.27	4.58	ppb
Molybdenum	96-1	0.64	0.64	0.61	0.63	2.35	ppb
Molybdenum	97-1	0.26	0.27	0.26	0.26	2.39	ppb
Molybdenum	98-1	0.27	0.26	0.26	0.26	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	403.28	397.56	409.71	403.52	1.51	ppb
Phosphorus	31-2	374.00	366.28	377.01	372.43	1.49	ppb
Potassium	39-2	1385.15	1388.15	1385.92	1386.41	0.11	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	78.48	79.81	77.94	78.74	1.22	ppb
Selenium	77-2	82.55	82.22	82.28	82.35	0.22	ppb
Selenium	78-2	78.63	76.39	75.63	76.88	2.03	ppb
Silicon	28-1	439.98	432.98	437.76	436.91	0.82	ppb
Silver	107-1	29.32	29.57	30.35	29.75	1.80	ppb
Silver	109-1	29.54	29.79	31.21	30.18	2.99	ppb
Sodium	23-2	37.46	36.79	38.75	37.67	2.64	ppb
Strontium	86-1	394.32	396.82	396.76	395.97	0.36	ppb
Strontium	88-1	391.23	396.43	395.40	394.35	0.70	ppb
Sulfur	34-1	-1208.41	-1264.46	-1211.79	-1228.22		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	36.37	37.09	37.19	36.88	1.21	ppb
Thallium	205-1	36.87	36.72	37.64	37.08	1.34	ppb
Tin	118-1	0.53	0.55	0.55	0.54	2.02	ppb
Titanium	47-1	127.87	125.52	130.60	128.00	1.99	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:22:20	DataFile Name :	218SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.18	0.19	0.18	2.62	ppb
Vanadium	51-2	388.42	381.58	393.75	387.92	1.57	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	416.73	406.89	420.60	414.74	1.70	ppb
Zirconium	90-1	1.48	1.47	1.49	1.48	1.01	ppb
Zirconium	91-1	1.48	1.50	1.49	1.49	0.73	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:25:21	DataFile Name :	219SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5119.30	5062.10	5139.61	5107.00	0.79	ppb
Antimony	121-1	0.55	0.54	0.54	0.54	1.13	ppb
Arsenic	75-2	22.15	21.72	22.02	21.97	1.01	ppb
Barium	135-1	76.33	76.09	76.27	76.23	0.17	ppb
Barium	137-1	76.02	76.48	75.89	76.13	0.41	ppb
Beryllium	9-1	0.19	0.20	0.15	0.18	15.76	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.33	0.28	0.30	0.30	9.48	ppb
Cadmium	106-1	0.34	-0.23	-1.02	-0.30		ppb
Cadmium	111-1	0.07	0.04	-0.03	0.03	203.96	ppb
Calcium	43-1	10536.64	10615.08	10710.01	10620.58	0.82	ppb
Calcium	44-1	10124.49	10326.99	10340.55	10264.01	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.88	16.04	16.09	16.00	0.69	ppb
Cobalt	59-2	8.06	8.04	8.18	8.10	0.91	ppb
Copper	63-2	18.98	19.05	19.07	19.03	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	14859.11	14869.99	14965.39	14898.16	0.39	ppb
Iron	57-2	14718.72	14670.48	14872.38	14753.86	0.71	ppb
Iron	54-2	14637.00	14466.94	14771.06	14625.00	1.04	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:25:21	DataFile Name :	219SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.63	3.68	3.69	3.67	0.82	ppb
Lead	207-1	3.42	3.46	3.48	3.45	0.94	ppb
Lead	208-1	3.49	3.54	3.54	3.52	0.82	ppb
Lithium	6-1				86		%
Magnesium	24-2	3531.74	3538.40	3501.77	3523.97	0.55	ppb
Manganese	55-2	389.03	386.26	381.34	385.55	1.01	ppb
Molybdenum	94-1	5.57	5.66	5.61	5.61	0.82	ppb
Molybdenum	95-1	0.15	0.16	0.14	0.15	8.06	ppb
Molybdenum	96-1	0.79	0.79	0.83	0.80	2.64	ppb
Molybdenum	97-1	0.14	0.14	0.13	0.14	4.23	ppb
Molybdenum	98-1	0.15	0.15	0.14	0.14	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.53	16.32	16.89	16.58	1.75	ppb
Phosphorus	31-2	300.61	298.59	288.29	295.83	2.23	ppb
Potassium	39-2	668.61	659.83	669.60	666.01	0.81	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.07	0.16	0.18	0.14	42.27	ppb
Selenium	77-2	3.45	2.06	2.69	2.73	25.59	ppb
Selenium	78-2	1.24	0.14	0.39	0.59	98.48	ppb
Silicon	28-1	413.59	411.02	417.20	413.94	0.75	ppb
Silver	107-1	0.04	0.03	0.02	0.03	28.51	ppb
Silver	109-1	0.03	0.03	0.02	0.03	26.92	ppb
Sodium	23-2	33.40	33.59	34.07	33.69	1.02	ppb
Strontium	86-1	347.15	349.68	352.58	349.80	0.78	ppb
Strontium	88-1	348.68	351.05	353.52	351.08	0.69	ppb
Sulfur	34-1	-1117.87	-990.25	-901.47	-1003.19		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.05	0.05	0.05	6.80	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.08	ppb
Tin	118-1	0.54	0.56	0.56	0.55	1.64	ppb
Titanium	47-1	94.44	96.00	97.08	95.84	1.38	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:25:21	DataFile Name :	219SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.12	0.12	0.12	1.57	ppb
Vanadium	51-2	24.14	23.87	24.02	24.01	0.56	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	33.18	33.44	32.76	33.12	1.02	ppb
Zirconium	90-1	3.13	3.15	3.18	3.15	0.67	ppb
Zirconium	91-1	3.11	3.13	3.15	3.13	0.64	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:28:31	DataFile Name :	220SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5536.50	5543.71	5342.90	5474.37	2.08	ppb
Antimony	121-1	0.50	0.52	0.55	0.52	4.21	ppb
Arsenic	75-2	23.78	23.62	23.30	23.57	1.04	ppb
Barium	135-1	83.93	85.16	84.85	84.65	0.75	ppb
Barium	137-1	83.59	84.98	84.41	84.33	0.83	ppb
Beryllium	9-1	0.19	0.17	0.15	0.17	11.62	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.29	0.29	0.33	0.31	8.29	ppb
Cadmium	106-1	0.62	0.60	-0.24	0.33	148.97	ppb
Cadmium	111-1	0.09	0.10	0.04	0.07	44.10	ppb
Calcium	43-1	10174.23	10243.26	10241.92	10219.80	0.39	ppb
Calcium	44-1	9931.83	9816.58	9864.10	9870.84	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.35	16.07	15.81	16.08	1.70	ppb
Cobalt	59-2	8.69	8.51	8.40	8.53	1.69	ppb
Copper	63-2	20.56	20.26	20.00	20.27	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	16096.26	15907.71	15576.92	15860.30	1.66	ppb
Iron	57-2	15923.70	15633.98	15506.79	15688.16	1.36	ppb
Iron	54-2	16292.71	15407.75	15430.30	15710.26	3.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:28:31	DataFile Name :	220SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.95	3.91	3.83	3.90	1.52	ppb
Lead	207-1	3.67	3.66	3.61	3.65	0.84	ppb
Lead	208-1	3.75	3.78	3.68	3.74	1.37	ppb
Lithium	6-1				87		%
Magnesium	24-2	3835.26	3779.04	3705.76	3773.35	1.72	ppb
Manganese	55-2	415.31	395.10	394.54	401.65	2.95	ppb
Molybdenum	94-1	6.07	6.10	6.04	6.07	0.52	ppb
Molybdenum	95-1	0.16	0.16	0.17	0.16	0.84	ppb
Molybdenum	96-1	0.87	0.85	0.89	0.87	2.24	ppb
Molybdenum	97-1	0.14	0.15	0.15	0.15	5.66	ppb
Molybdenum	98-1	0.15	0.15	0.15	0.15	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.61	17.43	17.07	17.37	1.59	ppb
Phosphorus	31-2	336.94	322.12	333.24	330.77	2.33	ppb
Potassium	39-2	729.14	708.30	703.65	713.69	1.90	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.19	0.01	0.01	0.07	147.02	ppb
Selenium	77-2	3.44	3.01	2.51	2.99	15.52	ppb
Selenium	78-2	0.18	0.81	0.94	0.64	63.06	ppb
Silicon	28-1	394.62	407.91	405.54	402.69	1.76	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.03	ppb
Silver	109-1	0.01	0.01	0.02	0.01	5.88	ppb
Sodium	23-2	36.20	34.28	33.45	34.65	4.08	ppb
Strontium	86-1	374.19	379.78	382.60	378.85	1.13	ppb
Strontium	88-1	376.56	382.06	384.86	381.16	1.11	ppb
Sulfur	34-1	-819.86	-800.21	-778.85	-799.64		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.05	0.05	0.05	2.85	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.80	ppb
Tin	118-1	0.56	0.56	0.56	0.56	0.24	ppb
Titanium	47-1	104.45	104.76	104.97	104.73	0.25	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:28:31	DataFile Name :	220SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.13	0.13	0.13	1.20	ppb
Vanadium	51-2	26.16	25.40	25.44	25.67	1.66	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	35.86	35.00	34.63	35.16	1.80	ppb
Zirconium	90-1	3.36	3.42	3.41	3.40	0.90	ppb
Zirconium	91-1	3.34	3.38	3.44	3.39	1.44	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:31:43	DataFile Name :	221SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	997.80	988.15	991.49	992.48	0.49	ppb
Antimony	121-1	0.11	0.10	0.11	0.11	5.28	ppb
Arsenic	75-2	4.09	4.19	4.16	4.15	1.27	ppb
Barium	135-1	14.84	14.90	15.01	14.92	0.58	ppb
Barium	137-1	14.65	14.68	15.06	14.80	1.55	ppb
Beryllium	9-1	0.02	0.04	0.01	0.02	74.03	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.08	0.03	0.06	40.65	ppb
Cadmium	106-1	-0.45	-0.65	-0.93	-0.68		ppb
Cadmium	111-1	-0.02	-0.03	-0.05	-0.03		ppb
Calcium	43-1	2063.25	2078.05	2124.30	2088.54	1.52	ppb
Calcium	44-1	2010.45	2032.08	2047.13	2029.89	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.29	3.24	3.26	3.26	0.75	ppb
Cobalt	59-2	1.58	1.55	1.58	1.57	1.07	ppb
Copper	63-2	3.83	3.68	3.72	3.74	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	2909.49	2891.11	2869.69	2890.10	0.69	ppb
Iron	57-2	2972.07	2953.62	2937.18	2954.29	0.59	ppb
Iron	54-2	2967.84	2892.46	2859.96	2906.75	1.90	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:31:43	DataFile Name :	221SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.75	0.74	0.78	0.76	3.18	ppb
Lead	207-1	0.69	0.70	0.74	0.71	3.12	ppb
Lead	208-1	0.72	0.72	0.75	0.73	2.05	ppb
Lithium	6-1				88		%
Magnesium	24-2	684.92	672.48	665.03	674.14	1.49	ppb
Manganese	55-2	74.97	74.08	74.24	74.43	0.64	ppb
Molybdenum	94-1	1.08	1.10	1.15	1.11	3.18	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	6.58	ppb
Molybdenum	96-1	0.17	0.15	0.17	0.16	7.54	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	12.06	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.34	3.19	3.26	3.26	2.19	ppb
Phosphorus	31-2	40.98	40.16	46.98	42.70	8.72	ppb
Potassium	39-2	133.47	130.37	131.17	131.67	1.22	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	-0.12	-0.14	-0.23	-0.17		ppb
Selenium	77-2	0.66	0.76	0.32	0.58	39.98	ppb
Selenium	78-2	0.04	-0.18	0.16	0.00	3579.45	ppb
Silicon	28-1	72.44	73.30	73.63	73.12	0.84	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.16	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.16	ppb
Sodium	23-2	7.17	7.00	6.73	6.97	3.18	ppb
Strontium	86-1	69.03	67.50	71.41	69.31	2.84	ppb
Strontium	88-1	68.76	67.54	70.24	68.85	1.96	ppb
Sulfur	34-1	-729.29	-739.88	-687.17	-718.78		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.01	0.02	5.42	ppb
Thallium	205-1	0.01	0.02	0.02	0.01	9.93	ppb
Tin	118-1	0.22	0.21	0.23	0.22	3.28	ppb
Titanium	47-1	18.84	18.96	19.43	19.08	1.63	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:31:43	DataFile Name :	221SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	5.92	ppb
Vanadium	51-2	4.69	4.64	4.73	4.69	1.02	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	8.68	8.44	8.43	8.52	1.63	ppb
Zirconium	90-1	0.62	0.62	0.63	0.62	1.36	ppb
Zirconium	91-1	0.61	0.63	0.62	0.62	1.31	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:34:56	DataFile Name :	222SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5428.20	5484.77	5519.85	5477.60	0.84	ppb
Antimony	121-1	19.07	19.12	19.22	19.14	0.39	ppb
Arsenic	75-2	28.84	28.91	28.86	28.87	0.13	ppb
Barium	135-1	425.41	431.46	430.03	428.97	0.74	ppb
Barium	137-1	428.14	428.41	427.83	428.13	0.07	ppb
Beryllium	9-1	8.75	9.50	9.17	9.14	4.10	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.83	9.13	9.02	8.99	1.68	ppb
Cadmium	106-1	8.75	8.37	8.27	8.47	2.98	ppb
Cadmium	111-1	9.61	9.64	9.59	9.61	0.28	ppb
Calcium	43-1	10381.49	10351.76	10526.92	10420.06	0.90	ppb
Calcium	44-1	9885.49	9985.18	10033.64	9968.10	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.84	51.71	52.55	52.37	1.11	ppb
Cobalt	59-2	102.44	100.74	101.51	101.56	0.84	ppb
Copper	63-2	63.34	62.48	63.51	63.11	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	15093.23	14798.96	14961.04	14951.08	0.99	ppb
Iron	57-2	14861.62	14666.08	15191.92	14906.54	1.78	ppb
Iron	54-2	14761.29	14727.83	14825.21	14771.44	0.33	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:34:56	DataFile Name :	222SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.27	7.35	7.53	7.38	1.78	ppb
Lead	207-1	7.02	7.08	7.06	7.06	0.43	ppb
Lead	208-1	7.09	7.15	7.20	7.15	0.78	ppb
Lithium	6-1				89		%
Magnesium	24-2	3530.82	3499.62	3538.42	3522.95	0.58	ppb
Manganese	55-2	467.19	463.27	459.48	463.31	0.83	ppb
Molybdenum	94-1	5.64	5.60	5.60	5.62	0.44	ppb
Molybdenum	95-1	0.14	0.16	0.15	0.15	6.21	ppb
Molybdenum	96-1	0.81	0.77	0.80	0.80	2.48	ppb
Molybdenum	97-1	0.14	0.15	0.15	0.14	3.15	ppb
Molybdenum	98-1	0.15	0.15	0.14	0.15	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.33	107.89	109.27	108.83	0.75	ppb
Phosphorus	31-2	294.60	287.71	287.86	290.06	1.36	ppb
Potassium	39-2	655.95	652.55	668.25	658.92	1.25	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	16.73	16.14	16.57	16.48	1.85	ppb
Selenium	77-2	19.82	19.25	19.54	19.54	1.45	ppb
Selenium	78-2	17.91	17.64	16.95	17.50	2.84	ppb
Silicon	28-1	406.99	398.56	412.09	405.88	1.68	ppb
Silver	107-1	7.46	7.53	7.52	7.50	0.53	ppb
Silver	109-1	7.48	7.55	7.59	7.54	0.73	ppb
Sodium	23-2	30.51	30.17	31.56	30.75	2.35	ppb
Strontium	86-1	344.69	348.53	350.95	348.06	0.91	ppb
Strontium	88-1	346.54	347.75	351.88	348.72	0.80	ppb
Sulfur	34-1	-681.44	-661.70	-660.22	-667.79		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	9.10	9.04	9.18	9.11	0.79	ppb
Thallium	205-1	8.96	8.99	9.22	9.06	1.53	ppb
Tin	118-1	0.53	0.53	0.60	0.56	7.34	ppb
Titanium	47-1	95.05	94.55	95.60	95.07	0.55	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:34:56	DataFile Name :	222SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.12	0.13	0.12	3.37	ppb
Vanadium	51-2	111.38	110.78	112.59	111.58	0.82	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	125.97	124.50	125.79	125.42	0.64	ppb
Zirconium	90-1	3.10	3.13	3.16	3.13	0.86	ppb
Zirconium	91-1	3.10	3.11	3.22	3.14	2.17	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:38:04	DataFile Name :	223SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6247.48	5726.95	5878.82	5951.08	4.50	ppb
Antimony	121-1	78.06	75.36	76.62	76.68	1.76	ppb
Arsenic	75-2	47.88	45.78	48.13	47.26	2.74	ppb
Barium	135-1	1626.10	1596.04	1563.35	1595.16	1.97	ppb
Barium	137-1	1628.26	1586.30	1572.98	1595.85	1.81	ppb
Beryllium	9-1	36.88	38.22	37.32	37.47	1.82	ppb
Bismuth	209-1				109		%
Bismuth	209-2				114		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.65	34.69	34.23	35.19	3.65	ppb
Cadmium	106-1	35.73	34.18	34.16	34.69	2.60	ppb
Cadmium	111-1	40.12	38.44	38.79	39.12	2.27	ppb
Calcium	43-1	10506.32	10410.27	10365.93	10427.51	0.69	ppb
Calcium	44-1	10125.70	9947.46	9861.04	9978.07	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	164.21	151.19	159.99	158.46	4.19	ppb
Cobalt	59-2	376.79	353.27	366.02	365.36	3.22	ppb
Copper	63-2	195.82	181.09	186.99	187.97	3.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				113		%
Indium	115-1				106		%
Indium	115-2				111		%
Iron	56-2	14624.88	13683.49	14151.62	14153.33	3.33	ppb
Iron	57-2	14347.86	13574.93	14316.89	14079.89	3.11	ppb
Iron	54-2	14714.25	13859.39	14270.41	14281.35	2.99	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:38:04	DataFile Name :	223SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.99	18.34	18.33	18.55	2.05	ppb
Lead	207-1	18.11	17.60	17.51	17.74	1.83	ppb
Lead	208-1	18.52	17.90	17.86	18.09	2.05	ppb
Lithium	6-1				88		%
Magnesium	24-2	3373.63	3060.42	3199.88	3211.31	4.89	ppb
Manganese	55-2	708.34	668.34	697.63	691.43	2.99	ppb
Molybdenum	94-1	5.50	5.69	5.53	5.58	1.82	ppb
Molybdenum	95-1	0.15	0.16	0.15	0.15	3.26	ppb
Molybdenum	96-1	0.82	0.83	0.83	0.82	0.75	ppb
Molybdenum	97-1	0.13	0.16	0.14	0.14	10.79	ppb
Molybdenum	98-1	0.16	0.15	0.15	0.16	4.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	394.80	366.24	386.76	382.60	3.85	ppb
Phosphorus	31-2	282.11	255.68	266.01	267.93	4.97	ppb
Potassium	39-2	623.83	568.96	601.15	597.98	4.61	ppb
Rhodium	103-1				106		%
Rhodium	103-2				115		%
Scandium	45-1				103		%
Scandium	45-2				112		%
Selenium	82-1	78.46	78.48	76.74	77.89	1.28	ppb
Selenium	77-2	72.98	71.23	70.67	71.63	1.69	ppb
Selenium	78-2	73.27	67.52	72.27	71.02	4.33	ppb
Silicon	28-1	408.98	411.93	403.60	408.17	1.03	ppb
Silver	107-1	32.20	31.35	31.41	31.65	1.49	ppb
Silver	109-1	32.54	31.92	31.35	31.94	1.86	ppb
Sodium	23-2	27.60	22.58	26.47	25.55	10.31	ppb
Strontium	86-1	354.84	347.69	347.44	349.99	1.20	ppb
Strontium	88-1	353.10	347.92	344.14	348.38	1.29	ppb
Sulfur	34-1	-590.95	-682.93	-677.84	-650.57		ppb
Terbium	159-1				107		%
Terbium	159-2				114		%
Thallium	203-1	37.18	36.16	36.11	36.48	1.65	ppb
Thallium	205-1	37.06	35.56	36.45	36.36	2.08	ppb
Tin	118-1	0.57	0.54	0.55	0.55	3.23	ppb
Titanium	47-1	97.38	97.40	94.58	96.45	1.68	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:38:04	DataFile Name :	223SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.12	0.12	0.12	2.70	ppb
Vanadium	51-2	377.12	348.54	369.08	364.91	4.04	ppb
Yttrium	89-1				108		%
Yttrium	89-2				113		%
Zinc	66-2	397.48	368.52	386.49	384.16	3.81	ppb
Zirconium	90-1	3.17	3.13	3.06	3.12	1.81	ppb
Zirconium	91-1	3.22	3.11	3.11	3.14	2.07	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:47:37	DataFile Name :	226SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12908.81	12969.33	13023.38	12967.17	0.44	ppb
Antimony	121-1	0.28	0.30	0.30	0.29	4.19	ppb
Arsenic	75-2	25.75	26.05	26.25	26.02	0.96	ppb
Barium	135-1	242.13	245.76	246.00	244.63	0.89	ppb
Barium	137-1	246.10	247.60	245.95	246.55	0.37	ppb
Beryllium	9-1	0.40	0.39	0.39	0.39	1.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.53	0.49	0.54	10.27	ppb
Cadmium	106-1	0.19	0.29	0.73	0.41	70.61	ppb
Cadmium	111-1	0.15	0.14	0.19	0.16	16.34	ppb
Calcium	43-1	17371.51	17049.33	17451.77	17290.87	1.23	ppb
Calcium	44-1	16566.38	16425.20	16788.92	16593.50	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.15	25.76	25.80	25.91	0.81	ppb
Cobalt	59-2	13.23	13.09	13.13	13.15	0.56	ppb
Copper	63-2	35.88	35.50	35.43	35.61	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	24688.47	24094.10	24129.32	24303.96	1.37	ppb
Iron	57-2	23700.29	23929.37	23583.81	23737.82	0.74	ppb
Iron	54-2	24347.21	23685.33	24015.16	24015.90	1.38	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:47:37	DataFile Name :	226SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.78	7.98	7.88	7.88	1.29	ppb
Lead	207-1	7.33	7.50	7.52	7.45	1.39	ppb
Lead	208-1	7.45	7.65	7.61	7.57	1.42	ppb
Lithium	6-1				91		%
Magnesium	24-2	7638.74	7785.51	7615.36	7679.87	1.20	ppb
Manganese	55-2	666.44	644.20	648.49	653.05	1.81	ppb
Molybdenum	94-1	8.42	8.32	8.60	8.45	1.69	ppb
Molybdenum	95-1	0.21	0.19	0.21	0.20	3.84	ppb
Molybdenum	96-1	1.21	1.20	1.19	1.20	1.08	ppb
Molybdenum	97-1	0.21	0.22	0.19	0.21	6.56	ppb
Molybdenum	98-1	0.20	0.20	0.19	0.20	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.11	32.92	32.32	32.78	1.26	ppb
Phosphorus	31-2	987.43	957.99	969.76	971.73	1.53	ppb
Potassium	39-2	2336.38	2324.72	2296.92	2319.34	0.87	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	0.42	0.31	0.43	0.39	16.27	ppb
Selenium	77-2	6.15	4.85	6.18	5.73	13.22	ppb
Selenium	78-2	0.60	1.01	1.10	0.90	29.79	ppb
Silicon	28-1	372.54	362.45	373.45	369.48	1.65	ppb
Silver	107-1	0.06	0.07	0.07	0.06	8.20	ppb
Silver	109-1	0.06	0.06	0.07	0.06	7.29	ppb
Sodium	23-2	53.04	52.01	52.33	52.46	1.01	ppb
Strontium	86-1	2153.92	2149.89	2203.51	2169.11	1.38	ppb
Strontium	88-1	2190.81	2198.47	2200.43	2196.57	0.23	ppb
Sulfur	34-1	-606.65	-685.41	-622.65	-638.24		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.10	0.10	0.09	0.10	7.48	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	1.11	ppb
Tin	118-1	0.83	0.85	0.80	0.83	2.59	ppb
Titanium	47-1	234.70	230.65	234.66	233.34	1.00	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:47:37	DataFile Name :	226SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.34	0.34	0.34	0.97	ppb
Vanadium	51-2	46.25	45.77	45.74	45.92	0.62	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	59.15	58.89	58.87	58.97	0.26	ppb
Zirconium	90-1	4.71	4.74	4.79	4.75	0.85	ppb
Zirconium	91-1	4.77	4.77	4.80	4.78	0.35	ppb

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:50:46	DataFile Name :	227SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13769.93	13568.22	13586.45	13641.54	0.82	ppb
Antimony	121-1	0.28	0.31	0.30	0.30	3.51	ppb
Arsenic	75-2	29.68	29.74	30.22	29.88	1.00	ppb
Barium	135-1	254.10	256.17	254.88	255.05	0.41	ppb
Barium	137-1	257.66	255.26	254.18	255.70	0.70	ppb
Beryllium	9-1	0.43	0.39	0.42	0.41	5.05	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.50	0.57	0.54	0.54	6.73	ppb
Cadmium	106-1	0.38	0.82	0.17	0.46	72.40	ppb
Cadmium	111-1	0.17	0.20	0.15	0.17	15.29	ppb
Calcium	43-1	17739.75	17736.52	17502.36	17659.54	0.77	ppb
Calcium	44-1	16795.85	16951.35	17004.05	16917.08	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.63	27.41	27.45	27.49	0.43	ppb
Cobalt	59-2	13.91	13.88	13.75	13.85	0.64	ppb
Copper	63-2	38.30	38.01	38.34	38.22	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	26042.76	25642.17	25675.37	25786.77	0.86	ppb
Iron	57-2	25539.59	25310.72	25093.56	25314.62	0.88	ppb
Iron	54-2	25291.87	25275.04	25510.59	25359.17	0.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:50:46	DataFile Name :	227SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.67	8.48	8.58	8.58	1.11	ppb
Lead	207-1	8.28	8.08	7.97	8.11	1.93	ppb
Lead	208-1	8.38	8.19	8.22	8.26	1.25	ppb
Lithium	6-1				86		%
Magnesium	24-2	8275.93	8245.46	8080.78	8200.72	1.28	ppb
Manganese	55-2	679.31	663.15	676.33	672.93	1.28	ppb
Molybdenum	94-1	8.82	8.76	9.03	8.87	1.59	ppb
Molybdenum	95-1	0.22	0.22	0.22	0.22	0.18	ppb
Molybdenum	96-1	1.28	1.26	1.31	1.28	1.96	ppb
Molybdenum	97-1	0.20	0.21	0.23	0.22	7.77	ppb
Molybdenum	98-1	0.19	0.22	0.21	0.21	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.31	34.88	34.55	34.91	1.09	ppb
Phosphorus	31-2	925.95	943.04	931.22	933.40	0.94	ppb
Potassium	39-2	2467.65	2455.27	2477.69	2466.87	0.46	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	0.43	0.47	0.60	0.50	17.64	ppb
Selenium	77-2	6.01	6.22	5.74	5.99	3.99	ppb
Selenium	78-2	1.90	0.78	0.85	1.18	53.36	ppb
Silicon	28-1	375.52	373.83	369.55	372.97	0.82	ppb
Silver	107-1	0.06	0.06	0.07	0.06	6.08	ppb
Silver	109-1	0.06	0.07	0.07	0.06	6.11	ppb
Sodium	23-2	56.55	55.80	56.58	56.31	0.78	ppb
Strontium	86-1	2252.95	2244.45	2291.66	2263.02	1.11	ppb
Strontium	88-1	2253.20	2262.60	2312.78	2276.19	1.41	ppb
Sulfur	34-1	-653.54	-645.35	-663.25	-654.05		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.09	0.09	0.09	2.11	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	3.03	ppb
Tin	118-1	0.88	0.89	0.90	0.89	1.12	ppb
Titanium	47-1	237.04	241.29	238.38	238.90	0.91	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:50:46	DataFile Name :	227SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.36	0.35	0.35	0.35	2.29	ppb
Vanadium	51-2	49.29	49.09	48.50	48.96	0.85	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	63.93	62.88	63.58	63.46	0.84	ppb
Zirconium	90-1	4.96	4.93	5.04	4.98	1.11	ppb
Zirconium	91-1	5.03	4.99	5.09	5.04	1.03	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:53:54	DataFile Name :	228SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2583.36	2522.00	2551.88	2552.41	1.20	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	1.10	ppb
Arsenic	75-2	5.07	4.83	5.18	5.03	3.52	ppb
Barium	135-1	47.14	48.16	47.64	47.64	1.07	ppb
Barium	137-1	47.15	47.48	47.21	47.28	0.37	ppb
Beryllium	9-1	0.08	0.06	0.11	0.08	31.40	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.15	0.15	0.07	0.12	36.81	ppb
Cadmium	106-1	0.18	-0.42	-0.62	-0.29		ppb
Cadmium	111-1	0.04	0.00	-0.01	0.01	294.58	ppb
Calcium	43-1	3421.32	3352.40	3384.64	3386.12	1.02	ppb
Calcium	44-1	3264.48	3202.49	3232.37	3233.11	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.25	5.17	5.23	5.21	0.82	ppb
Cobalt	59-2	2.64	2.60	2.65	2.63	0.96	ppb
Copper	63-2	7.09	7.04	7.13	7.09	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	4761.90	4678.31	4763.46	4734.56	1.03	ppb
Iron	57-2	4821.41	4744.53	4883.11	4816.35	1.44	ppb
Iron	54-2	4734.70	4618.19	4760.79	4704.56	1.61	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:53:54	DataFile Name :	228SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.52	1.56	1.53	1.54	1.44	ppb
Lead	207-1	1.47	1.47	1.45	1.46	0.87	ppb
Lead	208-1	1.49	1.50	1.49	1.49	0.36	ppb
Lithium	6-1				89		%
Magnesium	24-2	1534.54	1518.37	1546.44	1533.12	0.92	ppb
Manganese	55-2	128.13	125.67	129.75	127.85	1.61	ppb
Molybdenum	94-1	1.68	1.66	1.68	1.68	0.70	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	3.80	ppb
Molybdenum	96-1	0.25	0.25	0.23	0.25	4.52	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.04	9.14	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	5.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.67	6.56	6.58	6.60	0.86	ppb
Phosphorus	31-2	179.50	164.40	171.98	171.96	4.39	ppb
Potassium	39-2	475.06	467.44	473.41	471.97	0.85	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.69	0.45	0.36	0.50	34.63	ppb
Selenium	77-2	1.33	1.16	1.08	1.19	10.71	ppb
Selenium	78-2	0.55	0.18	0.60	0.44	51.60	ppb
Silicon	28-1	66.06	65.27	66.22	65.85	0.78	ppb
Silver	107-1	0.01	0.01	0.02	0.01	8.85	ppb
Silver	109-1	0.02	0.02	0.01	0.02	6.89	ppb
Sodium	23-2	9.19	8.74	9.57	9.17	4.55	ppb
Strontium	86-1	427.75	422.92	425.66	425.44	0.57	ppb
Strontium	88-1	428.60	431.96	424.82	428.46	0.83	ppb
Sulfur	34-1	-651.91	-734.00	-668.03	-684.65		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.02	0.02	0.02	24.30	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.29	ppb
Tin	118-1	0.30	0.27	0.27	0.28	5.84	ppb
Titanium	47-1	45.02	44.92	45.60	45.18	0.81	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:53:54	DataFile Name :	228SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.07	0.07	0.07	5.29	ppb
Vanadium	51-2	9.09	8.79	9.15	9.01	2.16	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	13.37	13.37	13.41	13.38	0.17	ppb
Zirconium	90-1	0.94	0.95	0.94	0.94	0.12	ppb
Zirconium	91-1	0.94	0.93	0.91	0.93	1.53	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:57:08	DataFile Name :	229SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14343.47	14690.99	14513.19	14515.88	1.20	ppb
Antimony	121-1	19.64	19.87	19.47	19.66	1.02	ppb
Arsenic	75-2	35.58	36.91	35.11	35.86	2.61	ppb
Barium	135-1	633.52	641.41	636.61	637.18	0.62	ppb
Barium	137-1	628.41	648.78	627.44	634.88	1.90	ppb
Beryllium	9-1	9.40	9.71	9.98	9.70	3.00	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.80	10.00	9.70	9.83	1.57	ppb
Cadmium	106-1	9.46	9.44	8.90	9.27	3.45	ppb
Cadmium	111-1	10.14	10.32	10.23	10.23	0.84	ppb
Calcium	43-1	17878.62	17943.59	17922.40	17914.87	0.18	ppb
Calcium	44-1	17596.76	17787.26	18007.18	17797.07	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.65	67.22	66.37	66.42	1.18	ppb
Cobalt	59-2	110.13	112.87	110.65	111.22	1.31	ppb
Copper	63-2	82.73	85.39	84.31	84.15	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	26390.34	26819.34	26725.93	26645.20	0.85	ppb
Iron	57-2	25649.47	26229.89	25690.77	25856.71	1.25	ppb
Iron	54-2	25746.09	26014.52	26205.54	25988.72	0.89	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:57:08	DataFile Name :	229SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.54	12.60	12.44	12.53	0.65	ppb
Lead	207-1	11.87	11.93	11.95	11.92	0.35	ppb
Lead	208-1	12.11	12.23	12.15	12.16	0.52	ppb
Lithium	6-1				91		%
Magnesium	24-2	8376.45	8496.03	8417.22	8429.90	0.72	ppb
Manganese	55-2	784.11	791.69	798.36	791.38	0.90	ppb
Molybdenum	94-1	9.20	9.30	9.23	9.24	0.58	ppb
Molybdenum	95-1	0.23	0.23	0.22	0.23	1.86	ppb
Molybdenum	96-1	1.27	1.34	1.34	1.32	2.77	ppb
Molybdenum	97-1	0.21	0.23	0.22	0.22	6.29	ppb
Molybdenum	98-1	0.22	0.22	0.22	0.22	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.99	133.53	132.02	131.84	1.35	ppb
Phosphorus	31-2	1020.05	1056.61	1039.66	1038.78	1.76	ppb
Potassium	39-2	2509.48	2553.84	2553.22	2538.85	1.00	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	21.84	22.62	22.32	22.26	1.78	ppb
Selenium	77-2	22.47	29.51	25.08	25.69	13.85	ppb
Selenium	78-2	22.47	22.43	22.03	22.31	1.10	ppb
Silicon	28-1	393.36	398.28	394.92	395.52	0.64	ppb
Silver	107-1	7.82	7.93	7.93	7.89	0.79	ppb
Silver	109-1	7.94	7.96	7.98	7.96	0.23	ppb
Sodium	23-2	55.67	58.13	58.32	57.37	2.57	ppb
Strontium	86-1	2309.00	2386.62	2367.04	2354.22	1.71	ppb
Strontium	88-1	2365.94	2403.08	2371.89	2380.30	0.84	ppb
Sulfur	34-1	-649.26	-617.84	-671.64	-646.25		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	9.69	9.67	9.61	9.66	0.47	ppb
Thallium	205-1	9.66	9.71	9.60	9.66	0.55	ppb
Tin	118-1	0.85	0.85	0.87	0.86	1.29	ppb
Titanium	47-1	247.20	252.50	249.73	249.81	1.06	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:57:08	DataFile Name :	229SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.38	0.37	0.37	1.16	ppb
Vanadium	51-2	143.65	144.78	145.01	144.48	0.50	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	157.03	159.75	157.41	158.06	0.93	ppb
Zirconium	90-1	5.04	5.20	5.12	5.12	1.52	ppb
Zirconium	91-1	5.04	5.17	5.04	5.08	1.57	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 01:00:11	DataFile Name :	230SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13229.15	13188.26	12941.41	13119.61	1.19	ppb
Antimony	121-1	68.49	68.97	83.86	73.77	11.84	ppb
Arsenic	75-2	51.58	51.39	50.69	51.22	0.91	ppb
Barium	135-1	1539.60	1563.92	1903.25	1668.92	12.18	ppb
Barium	137-1	1526.23	1545.34	1894.45	1655.34	12.52	ppb
Beryllium	9-1	34.55	32.76	40.40	35.91	11.13	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.20	30.84	39.38	34.14	13.44	ppb
Cadmium	106-1	31.56	30.99	38.08	33.54	11.74	ppb
Cadmium	111-1	34.96	35.44	43.63	38.01	12.82	ppb
Calcium	43-1	15506.90	15326.67	18920.19	16584.58	12.21	ppb
Calcium	44-1	14820.77	14676.01	18159.35	15885.38	12.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161.59	165.25	158.17	161.67	2.19	ppb
Cobalt	59-2	362.77	356.48	354.17	357.81	1.24	ppb
Copper	63-2	202.06	201.01	195.24	199.44	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	23096.78	22948.06	22616.70	22887.18	1.07	ppb
Iron	57-2	22460.74	22518.29	22289.47	22422.83	0.53	ppb
Iron	54-2	22642.74	22761.96	22738.55	22714.42	0.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 01:00:11	DataFile Name :	230SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.69	20.66	24.85	22.07	10.92	ppb
Lead	207-1	19.85	19.92	24.07	21.28	11.36	ppb
Lead	208-1	20.23	20.23	24.38	21.61	11.10	ppb
Lithium	6-1				86		%
Magnesium	24-2	7240.97	7124.54	6980.19	7115.23	1.84	ppb
Manganese	55-2	918.39	927.10	914.00	919.83	0.72	ppb
Molybdenum	94-1	7.64	7.64	9.47	8.25	12.77	ppb
Molybdenum	95-1	0.18	0.19	0.24	0.20	14.50	ppb
Molybdenum	96-1	1.10	1.12	1.37	1.19	12.82	ppb
Molybdenum	97-1	0.18	0.17	0.25	0.20	20.35	ppb
Molybdenum	98-1	0.18	0.19	0.25	0.21	17.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	381.17	388.43	382.85	384.15	0.99	ppb
Phosphorus	31-2	847.33	854.50	831.38	844.40	1.40	ppb
Potassium	39-2	2107.83	2049.04	2063.57	2073.48	1.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	70.98	71.28	87.78	76.68	12.54	ppb
Selenium	77-2	74.81	77.83	76.39	76.34	1.98	ppb
Selenium	78-2	72.75	73.90	71.13	72.59	1.91	ppb
Silicon	28-1	331.18	330.83	416.36	359.46	13.71	ppb
Silver	107-1	27.67	28.14	34.12	29.98	12.00	ppb
Silver	109-1	28.04	28.40	34.60	30.35	12.15	ppb
Sodium	23-2	47.27	48.50	46.66	47.48	1.98	ppb
Strontium	86-1	1932.56	1948.54	2411.44	2097.51	12.97	ppb
Strontium	88-1	1945.75	1983.57	2405.67	2111.66	12.09	ppb
Sulfur	34-1	-673.07	-705.86	-120.51	-499.81		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	33.24	33.28	39.98	35.50	10.93	ppb
Thallium	205-1	33.23	32.83	39.83	35.30	11.14	ppb
Tin	118-1	0.79	0.87	0.94	0.87	8.66	ppb
Titanium	47-1	208.96	208.97	254.11	224.02	11.64	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 01:00:11	DataFile Name :	230SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.31	0.37	0.33	11.90	ppb
Vanadium	51-2	371.28	375.16	368.95	371.80	0.84	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	395.04	395.44	388.99	393.16	0.92	ppb
Zirconium	90-1	4.25	4.29	5.28	4.60	12.63	ppb
Zirconium	91-1	4.22	4.23	5.31	4.59	13.67	ppb

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:03:10	DataFile Name :	231CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48346.64	46618.47	47770.63	47578.58	1.85	ppb
Antimony	121-1	494.92	491.19	498.43	494.85	0.73	ppb
Arsenic	75-2	505.81	502.94	510.25	506.33	0.73	ppb
Barium	135-1	2448.86	2436.45	2471.11	2452.14	0.72	ppb
Barium	137-1	2427.65	2435.89	2450.64	2438.06	0.48	ppb
Beryllium	9-1	501.92	492.27	498.80	497.66	0.99	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	498.26	503.78	505.83	502.62	0.78	ppb
Cadmium	106-1	498.04	500.34	507.03	501.80	0.93	ppb
Cadmium	111-1	494.89	492.88	502.60	496.79	1.03	ppb
Calcium	43-1	242776.81	239208.99	244761.09	242248.96	1.16	ppb
Calcium	44-1	242962.23	243547.75	244308.85	243606.28	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.40	485.72	489.41	491.18	1.33	ppb
Cobalt	59-2	522.54	515.40	513.93	517.29	0.89	ppb
Copper	63-2	5127.53	5002.10	5022.97	5050.87	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	127378.79	123151.06	125883.92	125471.26	1.71	ppb
Iron	57-2	126088.97	122490.29	123277.96	123952.41	1.53	ppb
Iron	54-2	124550.01	122196.95	122032.11	122926.36	1.15	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:03:10	DataFile Name :	231CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2452.53	2521.84	2497.85	2490.74	1.41	ppb
Lead	207-1	2464.46	2459.89	2463.61	2462.65	0.10	ppb
Lead	208-1	2463.41	2471.29	2487.77	2474.16	0.50	ppb
Lithium	6-1				89		%
Magnesium	24-2	258405.24	252616.00	252436.81	254486.02	1.33	ppb
Manganese	55-2	4977.22	4841.44	4864.59	4894.42	1.48	ppb
Molybdenum	94-1	4871.35	4912.05	4863.61	4882.34	0.53	ppb
Molybdenum	95-1	4813.80	4891.79	4875.64	4860.41	0.85	ppb
Molybdenum	96-1	4810.91	4904.70	4868.38	4861.33	0.97	ppb
Molybdenum	97-1	4871.04	4941.95	4828.29	4880.43	1.18	ppb
Molybdenum	98-1	4809.99	4950.87	4792.92	4851.26	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.56	507.96	508.90	513.14	1.59	ppb
Phosphorus	31-2	9731.65	9407.78	9593.17	9577.54	1.70	ppb
Potassium	39-2	123033.14	120130.42	120697.70	121287.09	1.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	488.81	498.22	491.90	492.98	0.97	ppb
Selenium	77-2	480.79	472.69	478.40	477.29	0.87	ppb
Selenium	78-2	490.13	487.40	484.02	487.18	0.63	ppb
Silicon	28-1	297.41	294.43	302.08	297.97	1.29	ppb
Silver	107-1	489.43	485.99	486.85	487.42	0.37	ppb
Silver	109-1	489.82	495.03	496.78	493.88	0.73	ppb
Sodium	23-2	243219.28	237453.44	236281.34	238984.68	1.55	ppb
Strontium	86-1	12448.43	12677.75	12572.32	12566.17	0.91	ppb
Strontium	88-1	12316.97	12508.72	12502.14	12442.61	0.87	ppb
Sulfur	34-1	9932.59	9536.58	10026.62	9831.93	2.65	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	492.93	505.77	505.03	501.24	1.44	ppb
Thallium	205-1	490.87	508.94	503.91	501.24	1.86	ppb
Tin	118-1	487.19	490.95	491.04	489.73	0.45	ppb
Titanium	47-1	4836.56	4922.94	4982.32	4913.94	1.49	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:03:10	DataFile Name :	231CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	494.62	508.48	501.04	501.38	1.38	ppb
Vanadium	51-2	500.30	486.57	486.43	491.10	1.62	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	5124.06	5028.39	5063.08	5071.84	0.96	ppb
Zirconium	90-1	497.67	504.61	497.46	499.91	0.81	ppb
Zirconium	91-1	495.19	497.91	493.87	495.66	0.42	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:05:50	DataFile Name :	232CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	0.47	0.62	0.55	13.71	ppb
Antimony	121-1	0.14	0.19	0.26	0.20	30.57	ppb
Arsenic	75-2	0.01	0.01	0.03	0.02	73.73	ppb
Barium	135-1	0.11	0.07	0.06	0.08	27.85	ppb
Barium	137-1	0.13	0.08	0.07	0.09	36.50	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	19.25	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.01	0.01	0.01	55.13	ppb
Cadmium	106-1	-0.15	-0.18	-0.25	-0.19		ppb
Cadmium	111-1	0.03	0.01	0.00	0.02	82.62	ppb
Calcium	43-1	19.63	18.71	15.84	18.06	10.95	ppb
Calcium	44-1	24.51	19.82	17.87	20.74	16.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.07	0.08	0.08	14.62	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	13.68	ppb
Copper	63-2	0.09	0.06	0.06	0.07	25.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	2.84	2.65	2.45	2.65	7.48	ppb
Iron	57-2	1.66	1.87	1.69	1.74	6.65	ppb
Iron	54-2	0.92	1.08	0.87	0.95	11.39	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:05:50	DataFile Name :	232CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.12	0.10	0.12	22.28	ppb
Lead	207-1	0.16	0.12	0.10	0.13	23.16	ppb
Lead	208-1	0.16	0.12	0.10	0.13	24.06	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.80	1.12	1.01	1.31	32.41	ppb
Manganese	55-2	0.08	0.06	0.05	0.07	21.18	ppb
Molybdenum	94-1	0.33	0.24	0.27	0.28	16.30	ppb
Molybdenum	95-1	0.28	0.20	0.20	0.23	19.06	ppb
Molybdenum	96-1	0.28	0.20	0.21	0.23	16.53	ppb
Molybdenum	97-1	0.30	0.19	0.21	0.23	23.70	ppb
Molybdenum	98-1	0.27	0.20	0.19	0.22	19.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.02	0.06	0.04	42.04	ppb
Phosphorus	31-2	-21.99	-21.11	-21.08	-21.40		ppb
Potassium	39-2	7.28	4.75	6.13	6.05	20.87	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.38	0.47	0.52	0.46	15.61	ppb
Selenium	77-2	-0.03	0.06	0.06	0.03	185.14	ppb
Selenium	78-2	0.00	0.25	0.70	0.31	113.14	ppb
Silicon	28-1	-9.21	-8.89	-8.55	-8.88		ppb
Silver	107-1	0.04	0.02	0.02	0.03	28.16	ppb
Silver	109-1	0.04	0.03	0.02	0.03	22.07	ppb
Sodium	23-2	8.67	7.64	7.31	7.87	8.98	ppb
Strontium	86-1	0.72	0.21	0.16	0.36	85.97	ppb
Strontium	88-1	0.77	0.54	0.45	0.59	27.42	ppb
Sulfur	34-1	-597.67	-564.19	-520.00	-560.62		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.09	0.09	0.09	9.10	ppb
Thallium	205-1	0.10	0.10	0.08	0.09	14.70	ppb
Tin	118-1	0.11	0.11	0.11	0.11	3.53	ppb
Titanium	47-1	0.43	0.34	0.32	0.36	15.12	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:05:50	DataFile Name :	232CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	51.98	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	53.27	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	1.36	1.31	1.28	1.32	2.74	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	9.60	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	12.55	ppb

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:38:37	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263	303	280	282	7.12	cps
Antimony	121-1	37	63	43	48	29.04	cps
Arsenic	75-2	7	10	10	9	21.63	cps
Barium	135-1	67	83	140	97	39.77	cps
Barium	137-1	147	157	143	149	4.66	cps
Beryllium	9-1	28	28	44	33	28.87	cps
Bismuth	209-1	17520769	17416896	17468968	17468878	0.30	cps
Bismuth	209-2	14082939	14189351	14163044	14145111	0.39	cps
Bromine	81-1	14290	14184	14707	14394	1.92	cps
Bromine	81-2	140	163	153	152	7.69	cps
Cadmium	108-1	27	20	30	26	19.92	cps
Cadmium	106-1	9693	9313	9083	9363	3.29	cps
Cadmium	111-1	6780	6515	6347	6547	3.33	cps
Calcium	43-1	580	563	670	604	9.49	cps
Calcium	44-1	44949	44608	44173	44576	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1953	1870	1837	1887	3.19	cps
Cobalt	59-2	280	280	347	302	12.74	cps
Copper	63-2	2107	2247	2264	2206	3.90	cps
Dysprosium	156-1	73	30	100	68	52.13	cps
Dysprosium	156-2	27	27	20	24	15.75	cps
Erbium	164-1	140	143	117	133	10.90	cps
Erbium	164-2	90	67	63	73	19.81	cps
Gadolinium	160-1	110	133	167	137	20.84	cps
Gadolinium	160-2	1087	1123	1123	1111	1.91	cps
Holmium	165-1	30523313	30060349	30229056	30270906	0.77	cps
Holmium	165-2	21121994	21513891	21406720	21347535	0.95	cps
Indium	115-1	27374876	26586394	26963836	26975036	1.46	cps
Indium	115-2	9545329	9560197	9644015	9583180	0.56	cps
Iron	56-2	25505	25258	25682	25482	0.84	cps
Iron	57-2	1837	1913	1867	1872	2.06	cps
Iron	54-2	4387	4554	4444	4462	1.90	cps
Krypton	83-1	377	377	353	369	3.65	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:38:37	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	517	487	480	494	3.95	cps
Lead	207-1	380	430	477	429	11.27	cps
Lead	208-1	1950	1927	1887	1921	1.67	cps
Lithium	6-1	3109874	3101920	3158466	3123420	0.98	cps
Magnesium	24-2	2250	2147	2250	2216	2.69	cps
Manganese	55-2	597	680	587	621	8.25	cps
Molybdenum	94-1	653	720	980	784	22.00	cps
Molybdenum	95-1	90	57	80	76	22.64	cps
Molybdenum	96-1	243	227	293	254	13.64	cps
Molybdenum	97-1	43	100	93	79	39.26	cps
Molybdenum	98-1	153	103	137	131	19.42	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	323	373	420	372	12.99	cps
Phosphorus	31-2	320	323	343	329	3.84	cps
Potassium	39-2	75402	76032	73697	75044	1.61	cps
Rhodium	103-1	26738544	26558445	26545708	26614232	0.41	cps
Rhodium	103-2	15691756	15713231	15670948	15691979	0.13	cps
Scandium	45-1	15373372	15127090	15234031	15244831	0.81	cps
Scandium	45-2	1263317	1240676	1276334	1260109	1.43	cps
Selenium	82-1	1430	1537	1620	1529	6.23	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	463	500	543	502	7.97	cps
Silicon	28-1	1670993	1681525	1644955	1665824	1.13	cps
Silver	107-1	140	123	180	148	19.71	cps
Silver	109-1	53	33	53	47	24.75	cps
Sodium	23-2	54238	54101	55108	54483	1.00	cps
Strontium	86-1	587	590	627	601	3.69	cps
Strontium	88-1	440	387	413	413	6.45	cps
Sulfur	34-1	315461	313165	313059	313895	0.43	cps
Terbium	159-1	31451361	31250014	31107461	31269612	0.55	cps
Terbium	159-2	21248071	20914517	20708458	20957015	1.30	cps
Thallium	203-1	203	160	173	179	12.41	cps
Thallium	205-1	523	393	507	474	14.91	cps
Tin	118-1	3534	3797	3671	3667	3.59	cps
Titanium	47-1	220	153	203	192	18.05	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:38:37	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43	37	37	39	9.89	cps
Vanadium	51-2	63	23	77	54	50.99	cps
Yttrium	89-1	37559905	36608474	36728046	36965475	1.40	cps
Yttrium	89-2	9451736	9511353	9454736	9472608	0.35	cps
Zinc	66-2	610	650	593	618	4.71	cps
Zirconium	90-1	1960	2070	2474	2168	12.47	cps
Zirconium	91-1	347	500	423	423	18.11	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:45:09	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9686	10060	9897	9881	1.90	cps
Antimony	121-1	48314	48157	49124	48532	1.07	cps
Arsenic	75-2	1397	1340	1417	1385	2.87	cps
Barium	135-1	55796	56876	58054	56909	1.99	cps
Barium	137-1	98625	99599	99078	99101	0.49	cps
Beryllium	9-1	2317	2361	2656	2445	7.54	cps
Bismuth	209-1	17802918	17952556	18051101	17935525	0.70	cps
Bismuth	209-2	14572188	14486650	14466338	14508392	0.39	cps
Bromine	81-1	14067	14794	14427	14429	2.52	cps
Bromine	81-2	177	207	157	180	13.98	cps
Cadmium	108-1	523	527	467	506	6.67	cps
Cadmium	106-1	10137	9850	10227	10071	1.95	cps
Cadmium	111-1	12991	12921	13651	13188	3.05	cps
Calcium	43-1	33504	34559	35104	34389	2.37	cps
Calcium	44-1	577189	587482	589864	584845	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22056	22851	22060	22322	2.05	cps
Cobalt	59-2	17474	17260	17657	17464	1.14	cps
Copper	63-2	25622	26236	25739	25866	1.26	cps
Dysprosium	156-1	37	83	50	57	42.41	cps
Dysprosium	156-2	37	40	20	32	33.25	cps
Erbium	164-1	147	110	120	126	15.10	cps
Erbium	164-2	63	60	67	63	5.27	cps
Gadolinium	160-1	127	203	167	166	23.16	cps
Gadolinium	160-2	1087	1260	1167	1171	7.41	cps
Holmium	165-1	30748694	31154852	30742726	30882091	0.76	cps
Holmium	165-2	21866976	21742934	21528913	21712941	0.79	cps
Indium	115-1	27763429	27809982	27574673	27716028	0.45	cps
Indium	115-2	9758535	9749339	9688580	9732151	0.39	cps
Iron	56-2	501151	502204	497435	500264	0.50	cps
Iron	57-2	14100	13896	14354	14117	1.62	cps
Iron	54-2	31423	30685	31249	31119	1.24	cps
Krypton	83-1	350	267	310	309	13.49	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:45:09	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16267	16250	16303	16273	0.17	cps
Lead	207-1	14548	14471	14641	14553	0.59	cps
Lead	208-1	65011	66104	66090	65735	0.95	cps
Lithium	6-1	3272727	3244513	3242262	3253167	0.52	cps
Magnesium	24-2	425857	426049	419854	423920	0.83	cps
Manganese	55-2	7909	8202	7842	7984	2.40	cps
Molybdenum	94-1	50908	51018	53146	51691	2.44	cps
Molybdenum	95-1	62011	63119	63728	62952	1.38	cps
Molybdenum	96-1	68138	68734	71075	69315	2.24	cps
Molybdenum	97-1	38270	39553	39012	38945	1.65	cps
Molybdenum	98-1	98180	102409	101009	100533	2.14	cps
Neodymium	150-1	23	17	13	18	28.64	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	4674	4777	4621	4691	1.70	cps
Phosphorus	31-2	1103	1190	1080	1124	5.15	cps
Potassium	39-2	605761	602259	605762	604594	0.33	cps
Rhodium	103-1	27330196	27353690	27197716	27293868	0.31	cps
Rhodium	103-2	16142663	16024479	16056289	16074477	0.38	cps
Scandium	45-1	15764404	15579602	15572777	15638928	0.70	cps
Scandium	45-2	1312471	1318136	1291776	1307461	1.06	cps
Selenium	82-1	3532	3749	3633	3638	2.98	cps
Selenium	77-2	213	183	150	182	17.39	cps
Selenium	78-2	1167	1080	1103	1117	4.02	cps
Silicon	28-1	1726641	1694508	1682618	1701256	1.34	cps
Silver	107-1	31751	32914	33482	32716	2.70	cps
Silver	109-1	30385	31304	31591	31093	2.03	cps
Sodium	23-2	708573	705547	707808	707309	0.22	cps
Strontium	86-1	8096	8639	8306	8347	3.28	cps
Strontium	88-1	67989	68522	69268	68593	0.94	cps
Sulfur	34-1	319686	323586	320716	321329	0.63	cps
Terbium	159-1	31935358	31729825	31714728	31793304	0.39	cps
Terbium	159-2	21695151	21364601	21528826	21529526	0.77	cps
Thallium	203-1	19534	19621	20031	19729	1.35	cps
Thallium	205-1	46988	46971	47931	47296	1.16	cps
Tin	118-1	103119	105140	105576	104612	1.25	cps
Titanium	47-1	14861	15321	15628	15270	2.53	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:45:09	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57483	57728	58809	58007	1.22	cps
Vanadium	51-2	43218	43051	43142	43137	0.19	cps
Yttrium	89-1	37382572	37884674	37935375	37734207	0.81	cps
Yttrium	89-2	9732636	9510065	9650882	9631194	1.17	cps
Zinc	66-2	10414	9817	10234	10155	3.02	cps
Zirconium	90-1	42886	43805	45156	43949	2.60	cps
Zirconium	91-1	9590	9823	10154	9856	2.87	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:48:24	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	529987	526704	528860	528517	0.32	cps
Antimony	121-1	1271920	1272984	1282580	1275828	0.46	cps
Arsenic	75-2	69890	68557	68058	68835	1.38	cps
Barium	135-1	1500477	1519676	1519678	1513277	0.73	cps
Barium	137-1	2645093	2609993	2615981	2623689	0.72	cps
Beryllium	9-1	130415	133008	132157	131860	1.00	cps
Bismuth	209-1	19214908	18863976	18997318	19025400	0.93	cps
Bismuth	209-2	15101541	15086972	15189992	15126168	0.37	cps
Bromine	81-1	14971	14567	15218	14919	2.20	cps
Bromine	81-2	110	107	87	101	12.48	cps
Cadmium	108-1	25392	26621	25603	25872	2.54	cps
Cadmium	106-1	46972	47430	46136	46846	1.40	cps
Cadmium	111-1	359530	357554	355125	357403	0.62	cps
Calcium	43-1	358166	357794	359942	358634	0.32	cps
Calcium	44-1	5589475	5628959	5661460	5626631	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518020	517487	518709	518072	0.12	cps
Cobalt	59-2	843908	841580	839493	841660	0.26	cps
Copper	63-2	6439753	6444928	6412328	6432337	0.27	cps
Dysprosium	156-1	90	117	80	96	19.84	cps
Dysprosium	156-2	87	100	80	89	11.46	cps
Erbium	164-1	167	153	193	171	11.90	cps
Erbium	164-2	110	97	120	109	10.75	cps
Gadolinium	160-1	170	153	133	152	12.06	cps
Gadolinium	160-2	1120	1163	1163	1149	2.18	cps
Holmium	165-1	32794895	32435350	32595005	32608416	0.55	cps
Holmium	165-2	22841915	22509819	22471045	22607593	0.90	cps
Indium	115-1	29182760	29414751	29094396	29230635	0.57	cps
Indium	115-2	10192359	10042593	10146245	10127066	0.76	cps
Iron	56-2	24435664	23886446	23928369	24083493	1.27	cps
Iron	57-2	619105	620480	615813	618466	0.39	cps
Iron	54-2	1338893	1355881	1311976	1335583	1.66	cps
Krypton	83-1	350	340	320	337	4.54	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:48:24	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4195075	4188997	4228999	4204357	0.51	cps
Lead	207-1	3787872	3753410	3764051	3768444	0.47	cps
Lead	208-1	16995172	16860881	16981377	16945810	0.44	cps
Lithium	6-1	3451055	3428199	3435709	3438321	0.34	cps
Magnesium	24-2	4506441	4534848	4488184	4509824	0.52	cps
Manganese	55-2	3977434	3884092	3945180	3935569	1.20	cps
Molybdenum	94-1	4680760	4755377	4692823	4709653	0.85	cps
Molybdenum	95-1	6759974	6798949	6785755	6781559	0.29	cps
Molybdenum	96-1	7415976	7514743	7392244	7440987	0.87	cps
Molybdenum	97-1	4199896	4260128	4198665	4219563	0.83	cps
Molybdenum	98-1	10739750	10920689	10871107	10843849	0.86	cps
Neodymium	150-1	97	77	60	78	23.61	cps
Neodymium	150-2	37	17	33	29	37.08	cps
Nickel	60-2	221238	222315	221202	221585	0.29	cps
Phosphorus	31-2	26623	26824	26850	26766	0.46	cps
Potassium	39-2	2783797	2762984	2802908	2783230	0.72	cps
Rhodium	103-1	28589260	28717990	28412830	28573360	0.54	cps
Rhodium	103-2	16867131	16627133	16697454	16730573	0.74	cps
Scandium	45-1	16570420	16482285	16526276	16526327	0.27	cps
Scandium	45-2	1347780	1345974	1322511	1338755	1.05	cps
Selenium	82-1	22668	22664	22589	22640	0.20	cps
Selenium	77-2	2177	2030	2013	2074	4.34	cps
Selenium	78-2	7235	7189	7402	7275	1.54	cps
Silicon	28-1	3661314	3619665	3621438	3634139	0.65	cps
Silver	107-1	1761289	1780161	1758327	1766592	0.67	cps
Silver	109-1	1710990	1689126	1684194	1694770	0.84	cps
Sodium	23-2	7227612	7265609	7244999	7246073	0.26	cps
Strontium	86-1	407861	412004	405670	408512	0.79	cps
Strontium	88-1	3629154	3697176	3655189	3660506	0.94	cps
Sulfur	34-1	416299	416144	414743	415729	0.21	cps
Terbium	159-1	34077909	33279207	33667876	33674997	1.19	cps
Terbium	159-2	22319036	22345081	22497925	22387347	0.43	cps
Thallium	203-1	1059986	1060079	1064115	1061393	0.22	cps
Thallium	205-1	2471896	2506637	2553731	2510755	1.64	cps
Tin	118-1	1065717	1068468	1072971	1069052	0.34	cps
Titanium	47-1	1624623	1612974	1656301	1631299	1.37	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:48:24	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3168430	3115614	3191374	3158472	1.23	cps
Vanadium	51-2	444644	442512	438242	441799	0.74	cps
Yttrium	89-1	40591566	39702303	39843747	40045872	1.19	cps
Yttrium	89-2	10058089	9979660	9969097	10002282	0.49	cps
Zinc	66-2	1023891	1015755	1024837	1021494	0.49	cps
Zirconium	90-1	2245360	2246260	2237212	2242944	0.22	cps
Zirconium	91-1	490277	496939	496644	494620	0.76	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:51:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1286379	1262543	1290390	1279771	1.18	cps
Antimony	121-1	3159875	3161769	3166414	3162686	0.11	cps
Arsenic	75-2	169495	167978	167658	168377	0.58	cps
Barium	135-1	3737290	3767525	3746926	3750581	0.41	cps
Barium	137-1	6366187	6428980	6405230	6400133	0.50	cps
Beryllium	9-1	316605	320172	322203	319660	0.89	cps
Bismuth	209-1	19052387	18865682	18831030	18916366	0.63	cps
Bismuth	209-2	15065078	15317757	15210034	15197623	0.83	cps
Bromine	81-1	14654	15088	14664	14802	1.67	cps
Bromine	81-2	97	70	90	86	16.22	cps
Cadmium	108-1	62470	63806	63358	63211	1.08	cps
Cadmium	106-1	98075	99182	98739	98665	0.56	cps
Cadmium	111-1	854114	864438	856380	858311	0.63	cps
Calcium	43-1	857799	869410	862088	863099	0.68	cps
Calcium	44-1	13541486	13652103	13447984	13547191	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1265073	1256118	1245107	1255433	0.80	cps
Cobalt	59-2	2073530	2108412	2056868	2079604	1.26	cps
Copper	63-2	15568989	15813029	15533008	15638342	0.97	cps
Dysprosium	156-1	170	110	130	137	22.35	cps
Dysprosium	156-2	180	213	213	202	9.52	cps
Erbium	164-1	170	163	223	186	17.72	cps
Erbium	164-2	87	130	123	113	20.59	cps
Gadolinium	160-1	167	170	213	183	14.20	cps
Gadolinium	160-2	1267	1123	1237	1209	6.25	cps
Holmium	165-1	32974338	32877154	32445205	32765566	0.86	cps
Holmium	165-2	22494396	22968627	22474476	22645833	1.24	cps
Indium	115-1	29110450	28869566	28787401	28922472	0.58	cps
Indium	115-2	9995044	9981807	10163384	10046745	1.01	cps
Iron	56-2	58507627	58336256	58266117	58370000	0.21	cps
Iron	57-2	1463145	1475967	1463680	1467597	0.49	cps
Iron	54-2	3239913	3229507	3223437	3230952	0.26	cps
Krypton	83-1	357	343	307	336	7.72	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:51:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10346802	10359858	10492210	10399623	0.77	cps
Lead	207-1	9113619	9201055	9310507	9208394	1.07	cps
Lead	208-1	41325668	41841934	42002419	41723341	0.85	cps
Lithium	6-1	3447592	3411933	3406652	3422059	0.65	cps
Magnesium	24-2	11037119	10938949	11056847	11010972	0.57	cps
Manganese	55-2	9617222	9556382	9473487	9549030	0.76	cps
Molybdenum	94-1	11457408	11555106	11475968	11496161	0.45	cps
Molybdenum	95-1	16639964	16861622	16779836	16760474	0.67	cps
Molybdenum	96-1	18287054	18227364	18373119	18295846	0.40	cps
Molybdenum	97-1	10324559	10315040	10320440	10320013	0.05	cps
Molybdenum	98-1	26528963	26506267	26458740	26497990	0.14	cps
Neodymium	150-1	163	147	193	168	14.10	cps
Neodymium	150-2	43	67	37	49	32.22	cps
Nickel	60-2	540315	536648	533305	536756	0.65	cps
Phosphorus	31-2	65587	64977	64632	65065	0.74	cps
Potassium	39-2	6610655	6556019	6552672	6573115	0.50	cps
Rhodium	103-1	28473060	27942955	28015364	28143793	1.02	cps
Rhodium	103-2	16366941	16472351	16617150	16485481	0.76	cps
Scandium	45-1	16560217	16168919	16045076	16258071	1.65	cps
Scandium	45-2	1338036	1315768	1348636	1334147	1.26	cps
Selenium	82-1	52427	53553	53335	53105	1.12	cps
Selenium	77-2	4838	4881	5078	4932	2.59	cps
Selenium	78-2	17097	16659	17150	16969	1.59	cps
Silicon	28-1	6477765	6637909	6488098	6534591	1.37	cps
Silver	107-1	4307083	4308207	4322634	4312641	0.20	cps
Silver	109-1	4069665	4144639	4140629	4118311	1.02	cps
Sodium	23-2	17525001	17419336	17537076	17493804	0.37	cps
Strontium	86-1	984523	995183	995394	991700	0.63	cps
Strontium	88-1	8747089	8908380	8868942	8841470	0.95	cps
Sulfur	34-1	541607	545415	543423	543482	0.35	cps
Terbium	159-1	33794564	33735790	33333679	33621344	0.75	cps
Terbium	159-2	22766718	22464540	22733031	22654763	0.73	cps
Thallium	203-1	2638940	2647069	2602039	2629350	0.91	cps
Thallium	205-1	6154798	6281974	6240336	6225703	1.04	cps
Tin	118-1	2592190	2667512	2633001	2630901	1.43	cps
Titanium	47-1	3988320	3965184	3909617	3954374	1.02	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:51:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7793444	7806766	7792992	7797734	0.10	cps
Vanadium	51-2	1076048	1072476	1067035	1071853	0.42	cps
Yttrium	89-1	39855684	39496844	39156637	39503055	0.88	cps
Yttrium	89-2	10069338	9936346	10052286	10019323	0.72	cps
Zinc	66-2	2497419	2537315	2454770	2496501	1.65	cps
Zirconium	90-1	5373966	5566464	5480790	5473740	1.76	cps
Zirconium	91-1	1195972	1211281	1211676	1206310	0.74	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:54:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2471041	2485448	2509593	2488694	0.78	cps
Antimony	121-1	6071684	6335561	6282972	6230072	2.24	cps
Arsenic	75-2	332636	330479	325853	329656	1.05	cps
Barium	135-1	7357194	7528510	7512867	7466191	1.27	cps
Barium	137-1	12775434	12996534	12917565	12896511	0.87	cps
Beryllium	9-1	611944	632109	632251	625434	1.87	cps
Bismuth	209-1	18694795	18567675	18667053	18643174	0.36	cps
Bismuth	209-2	14850215	14869362	14567921	14762499	1.14	cps
Bromine	81-1	14484	14767	14180	14477	2.03	cps
Bromine	81-2	110	83	83	92	16.70	cps
Cadmium	108-1	120815	124340	124845	123333	1.78	cps
Cadmium	106-1	180601	184182	183355	182713	1.03	cps
Cadmium	111-1	1642410	1702708	1671121	1672080	1.80	cps
Calcium	43-1	1618730	1663254	1669018	1650334	1.67	cps
Calcium	44-1	26127281	27199533	26610328	26645714	2.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2482425	2494186	2499090	2491900	0.34	cps
Cobalt	59-2	4017667	4115958	4000108	4044578	1.54	cps
Copper	63-2	30613008	30361009	30190619	30388212	0.70	cps
Dysprosium	156-1	163	187	247	199	21.61	cps
Dysprosium	156-2	363	323	320	336	7.19	cps
Erbium	164-1	183	217	213	204	8.98	cps
Erbium	164-2	147	167	137	150	10.18	cps
Gadolinium	160-1	227	270	220	239	11.37	cps
Gadolinium	160-2	1217	1107	1310	1211	8.40	cps
Holmium	165-1	32271202	32347031	32620948	32413060	0.57	cps
Holmium	165-2	22727346	22634129	21947670	22436382	1.90	cps
Indium	115-1	28050539	28360480	28079233	28163417	0.61	cps
Indium	115-2	9656440	9640676	9710472	9669196	0.38	cps
Iron	56-2	114126688	114780865	114040942	114316165	0.35	cps
Iron	57-2	2914150	2904750	2832757	2883886	1.54	cps
Iron	54-2	6319769	6287913	6296083	6301255	0.26	cps
Krypton	83-1	333	380	370	361	6.80	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:54:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19942519	20946528	20804421	20564489	2.64	cps
Lead	207-1	17852120	18384081	18257587	18164596	1.53	cps
Lead	208-1	80543703	83454672	83369580	82455985	2.01	cps
Lithium	6-1	3345701	3333190	3418837	3365910	1.37	cps
Magnesium	24-2	21944551	21691980	21980766	21872432	0.72	cps
Manganese	55-2	18860086	18665277	18552295	18692553	0.83	cps
Molybdenum	94-1	22078128	23071051	22806097	22651759	2.27	cps
Molybdenum	95-1	32105797	33437124	33092774	32878565	2.10	cps
Molybdenum	96-1	35354189	36706406	36204182	36088259	1.89	cps
Molybdenum	97-1	20113185	20653205	20526505	20430965	1.38	cps
Molybdenum	98-1	51899409	53170334	53004666	52691470	1.31	cps
Neodymium	150-1	337	313	293	314	6.90	cps
Neodymium	150-2	67	87	110	88	24.71	cps
Nickel	60-2	1049074	1042183	1033959	1041739	0.73	cps
Phosphorus	31-2	129623	128760	125990	128124	1.48	cps
Potassium	39-2	13149209	12985491	12928061	13020920	0.88	cps
Rhodium	103-1	27838563	27330581	27316301	27495148	1.08	cps
Rhodium	103-2	15803991	15711021	15721759	15745590	0.32	cps
Scandium	45-1	16111167	15999223	15828659	15979683	0.89	cps
Scandium	45-2	1272425	1288297	1302197	1287640	1.16	cps
Selenium	82-1	101081	103646	102377	102368	1.25	cps
Selenium	77-2	9423	9877	9526	9609	2.47	cps
Selenium	78-2	33678	33591	33271	33514	0.64	cps
Silicon	28-1	11230117	11392220	11312069	11311468	0.72	cps
Silver	107-1	8439110	8523258	8501332	8487900	0.51	cps
Silver	109-1	7867878	8084094	8007920	7986631	1.37	cps
Sodium	23-2	34606168	34995519	34750688	34784125	0.57	cps
Strontium	86-1	1939882	2023535	1988699	1984039	2.12	cps
Strontium	88-1	17040313	17505551	17497817	17347894	1.54	cps
Sulfur	34-1	737745	746177	739852	741258	0.59	cps
Terbium	159-1	33840680	33410142	33128522	33459781	1.07	cps
Terbium	159-2	22546596	22439829	21843509	22276644	1.70	cps
Thallium	203-1	5147508	5295830	5257474	5233604	1.47	cps
Thallium	205-1	11982488	12618724	12314248	12305153	2.59	cps
Tin	118-1	5074691	5234302	5241989	5183661	1.82	cps
Titanium	47-1	7699373	7970180	7826828	7832127	1.73	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:54:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15063024	15941571	15574984	15526527	2.84	cps
Vanadium	51-2	2141639	2141654	2121463	2134918	0.55	cps
Yttrium	89-1	39070854	39397715	38660633	39043067	0.95	cps
Yttrium	89-2	9771728	9730729	9691327	9731261	0.41	cps
Zinc	66-2	4884663	4791451	4814746	4830287	1.00	cps
Zirconium	90-1	10666484	11101574	10932699	10900252	2.01	cps
Zirconium	91-1	2355462	2489446	2444126	2429678	2.80	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:56:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4941986	5064738	4951927	4986217	1.37	cps
Antimony	121-1	12474463	12589369	12516232	12526688	0.46	cps
Arsenic	75-2	653706	649442	651342	651497	0.33	cps
Barium	135-1	14802792	15071318	14827316	14900475	1.00	cps
Barium	137-1	25372717	25764488	25424510	25520572	0.83	cps
Beryllium	9-1	1285284	1289907	1321788	1298993	1.53	cps
Bismuth	209-1	18826306	18383448	18544116	18584623	1.21	cps
Bismuth	209-2	14687819	14568046	14581074	14612313	0.45	cps
Bromine	81-1	13993	13813	13693	13833	1.09	cps
Bromine	81-2	110	97	77	94	17.76	cps
Cadmium	108-1	240589	245283	240695	242189	1.11	cps
Cadmium	106-1	349422	352462	349914	350599	0.47	cps
Cadmium	111-1	3245154	3317714	3313062	3291977	1.23	cps
Calcium	43-1	3296411	3287982	3259156	3281183	0.60	cps
Calcium	44-1	52619158	52798326	52076336	52497940	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5006081	4992201	4929402	4975894	0.82	cps
Cobalt	59-2	7905380	7907733	7992399	7935171	0.62	cps
Copper	63-2	60195267	60013187	59224734	59811063	0.86	cps
Dysprosium	156-1	293	370	320	328	11.87	cps
Dysprosium	156-2	693	587	563	614	11.28	cps
Erbium	164-1	267	297	270	278	5.92	cps
Erbium	164-2	220	180	180	193	11.95	cps
Gadolinium	160-1	253	263	287	268	6.39	cps
Gadolinium	160-2	1203	1343	1377	1308	7.03	cps
Holmium	165-1	32917680	32488308	32472028	32626005	0.77	cps
Holmium	165-2	22236685	22565922	22532027	22444878	0.81	cps
Indium	115-1	28344873	28173240	28080357	28199490	0.48	cps
Indium	115-2	9697111	9791802	9670929	9719947	0.65	cps
Iron	56-2	226690830	227193123	223799523	225894492	0.81	cps
Iron	57-2	5689451	5644951	5658691	5664364	0.40	cps
Iron	54-2	12594036	12642338	12270881	12502418	1.62	cps
Krypton	83-1	400	397	343	380	8.37	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:56:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41119054	42125722	41666141	41636972	1.21	cps
Lead	207-1	36485203	37034455	36993403	36837687	0.83	cps
Lead	208-1	165776455	167080549	166628913	166495306	0.40	cps
Lithium	6-1	3339500	3247154	3303689	3296781	1.41	cps
Magnesium	24-2	42877787	43226713	43300599	43135033	0.52	cps
Manganese	55-2	37418259	37338260	36839652	37198724	0.84	cps
Molybdenum	94-1	44749196	45425399	45330783	45168459	0.81	cps
Molybdenum	95-1	64659884	65782691	65381239	65274605	0.87	cps
Molybdenum	96-1	71189279	72426036	71477284	71697533	0.90	cps
Molybdenum	97-1	40251134	41238909	40497447	40662497	1.26	cps
Molybdenum	98-1	103853375	106397162	104193675	104814737	1.32	cps
Neodymium	150-1	680	643	603	642	5.97	cps
Neodymium	150-2	110	167	143	140	20.34	cps
Nickel	60-2	2122365	2047434	2033338	2067712	2.31	cps
Phosphorus	31-2	252858	253467	248464	251596	1.08	cps
Potassium	39-2	25784886	25584331	25568068	25645762	0.47	cps
Rhodium	103-1	27662622	26899081	26825708	27129137	1.71	cps
Rhodium	103-2	15885208	15766744	15644701	15765551	0.76	cps
Scandium	45-1	16084078	15464799	15595564	15714814	2.08	cps
Scandium	45-2	1328242	1296365	1311146	1311918	1.22	cps
Selenium	82-1	198000	201539	199275	199605	0.90	cps
Selenium	77-2	19139	19363	19353	19285	0.66	cps
Selenium	78-2	63793	63589	63415	63599	0.30	cps
Silicon	28-1	20195780	20528880	20336473	20353711	0.82	cps
Silver	107-1	16610414	16790703	16540306	16647141	0.78	cps
Silver	109-1	15596251	15920446	15597268	15704655	1.19	cps
Sodium	23-2	68223431	69403724	69289952	68972369	0.94	cps
Strontium	86-1	3916073	3950244	3932546	3932955	0.43	cps
Strontium	88-1	34797319	35073690	34762902	34877971	0.49	cps
Sulfur	34-1	1276383	1272296	1242142	1263607	1.48	cps
Terbium	159-1	34202851	32943851	33452800	33533168	1.89	cps
Terbium	159-2	22496780	22523425	22046901	22355702	1.20	cps
Thallium	203-1	10417288	10393280	10301638	10370735	0.59	cps
Thallium	205-1	24646705	25054238	24460080	24720341	1.23	cps
Tin	118-1	10371862	10452754	10236154	10353590	1.06	cps
Titanium	47-1	15501294	15541856	15315466	15452872	0.78	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:56:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31404406	31267073	31269190	31313556	0.25	cps
Vanadium	51-2	4370838	4340538	4296347	4335908	0.86	cps
Yttrium	89-1	39757332	38781286	38525326	39021315	1.67	cps
Yttrium	89-2	9799621	9719692	9606785	9708699	1.00	cps
Zinc	66-2	9624107	9608658	9476290	9569685	0.85	cps
Zirconium	90-1	21660445	21958161	21722190	21780265	0.72	cps
Zirconium	91-1	4825655	4856849	4869850	4850785	0.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:59:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10073479	10063661	9961798	10032980	0.62	cps
Antimony	121-1	25014685	25544843	25185059	25248195	1.07	cps
Arsenic	75-2	1309866	1314987	1307645	1310833	0.29	cps
Barium	135-1	29996488	30230764	30201505	30142919	0.42	cps
Barium	137-1	51373338	52279833	52545448	52066206	1.18	cps
Beryllium	9-1	2508999	2567529	2566917	2547815	1.32	cps
Bismuth	209-1	18245256	18581515	18314706	18380492	0.97	cps
Bismuth	209-2	14321070	14502363	14472706	14432046	0.67	cps
Bromine	81-1	14110	14654	14691	14485	2.24	cps
Bromine	81-2	130	140	103	124	15.23	cps
Cadmium	108-1	480069	484482	478456	481002	0.65	cps
Cadmium	106-1	687396	686744	679513	684551	0.64	cps
Cadmium	111-1	6479170	6587840	6547931	6538314	0.84	cps
Calcium	43-1	6538115	6688486	6503534	6576712	1.50	cps
Calcium	44-1	105432682	107631988	105291048	106118573	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9860362	9948363	10172588	9993771	1.61	cps
Cobalt	59-2	15916424	15975106	16022516	15971349	0.33	cps
Copper	63-2	119511478	119122152	118004378	118879336	0.66	cps
Dysprosium	156-1	463	563	527	518	9.77	cps
Dysprosium	156-2	1353	1363	1430	1382	3.02	cps
Erbium	164-1	447	413	453	438	4.90	cps
Erbium	164-2	300	297	303	300	1.11	cps
Gadolinium	160-1	287	450	367	368	22.21	cps
Gadolinium	160-2	1340	1260	1237	1279	4.24	cps
Holmium	165-1	33135514	32530933	32687534	32784660	0.96	cps
Holmium	165-2	22798833	22756818	22739146	22764932	0.13	cps
Indium	115-1	28277142	27814674	27233547	27775121	1.88	cps
Indium	115-2	9596461	9578364	9568760	9581195	0.15	cps
Iron	56-2	458726540	460738380	456417647	458627522	0.47	cps
Iron	57-2	11378534	11393147	11221605	11331095	0.84	cps
Iron	54-2	25156931	25228692	25125852	25170492	0.21	cps
Krypton	83-1	383	437	327	382	14.39	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:59:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	82662320	83880604	82809905	83117610	0.80	cps
Lead	207-1	73094669	74752492	73553464	73800208	1.16	cps
Lead	208-1	331764093	339105527	332793827	334554482	1.19	cps
Lithium	6-1	3214579	3264058	3147124	3208587	1.83	cps
Magnesium	24-2	87414322	87412179	88017325	87614609	0.40	cps
Manganese	55-2	74610997	76229767	75351419	75397394	1.07	cps
Molybdenum	94-1	91521139	92766012	91966165	92084439	0.69	cps
Molybdenum	95-1	133178565	135478291	132075361	133577406	1.30	cps
Molybdenum	96-1	146036404	148932018	145543405	146837276	1.25	cps
Molybdenum	97-1	82144620	83508060	82844272	82832318	0.82	cps
Molybdenum	98-1	212216824	214612517	213148783	213326041	0.57	cps
Neodymium	150-1	1090	1237	1240	1189	7.20	cps
Neodymium	150-2	270	267	317	284	9.83	cps
Nickel	60-2	4132395	4129753	4161668	4141272	0.43	cps
Phosphorus	31-2	498823	504545	499015	500794	0.65	cps
Potassium	39-2	51149333	51837941	51412884	51466719	0.68	cps
Rhodium	103-1	26874222	26575973	26761317	26737171	0.56	cps
Rhodium	103-2	15673316	15522114	15588451	15594627	0.49	cps
Scandium	45-1	15993029	15906296	15602753	15834026	1.29	cps
Scandium	45-2	1299866	1318071	1317714	1311884	0.79	cps
Selenium	82-1	389490	393290	389941	390907	0.53	cps
Selenium	77-2	37688	38122	37243	37684	1.17	cps
Selenium	78-2	125987	127349	126608	126648	0.54	cps
Silicon	28-1	40123932	39805471	38811718	39580374	1.73	cps
Silver	107-1	33430577	33583452	32657225	33223751	1.49	cps
Silver	109-1	31052591	30947032	31212460	31070694	0.43	cps
Sodium	23-2	138268388	140362278	137337185	138655950	1.12	cps
Strontium	86-1	7975707	8076676	8205105	8085829	1.42	cps
Strontium	88-1	70496929	70344821	71253822	70698524	0.69	cps
Sulfur	34-1	2108506	2128881	2111931	2116439	0.52	cps
Terbium	159-1	33684135	33625419	34173537	33827697	0.89	cps
Terbium	159-2	22455940	22664947	22310662	22477183	0.79	cps
Thallium	203-1	20952207	21001807	20853985	20936000	0.36	cps
Thallium	205-1	49814854	50229676	49734044	49926191	0.53	cps
Tin	118-1	20944731	21020236	20853522	20939496	0.40	cps
Titanium	47-1	31387515	31311124	31570551	31423063	0.42	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 12:59:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	64040334	64536547	63916366	64164416	0.51	cps
Vanadium	51-2	8687347	8693998	8860812	8747386	1.12	cps
Yttrium	89-1	39017466	38443881	38340167	38600505	0.95	cps
Yttrium	89-2	9843278	9909448	9736875	9829867	0.89	cps
Zinc	66-2	18924262	19004536	18713977	18880925	0.79	cps
Zirconium	90-1	43560818	43786458	44062523	43803266	0.57	cps
Zirconium	91-1	9746724	9791996	9780794	9773171	0.24	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:02:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47464908	48803409	49777699	48682005	2.39	cps
Antimony	121-1	14701	17511	22468	18226	21.58	cps
Arsenic	75-2	627	683	683	664	4.92	cps
Barium	135-1	11882	10714	10594	11063	6.43	cps
Barium	137-1	19927	17981	17681	18530	6.58	cps
Beryllium	9-1	467	339	228	344	34.71	cps
Bismuth	209-1	14602781	15195195	15154528	14984168	2.21	cps
Bismuth	209-2	12249339	12662936	12457751	12456676	1.66	cps
Bromine	81-1	16342	16469	16559	16457	0.66	cps
Bromine	81-2	220	280	223	241	13.99	cps
Cadmium	108-1	183	167	190	180	6.68	cps
Cadmium	106-1	9020	9223	9303	9182	1.59	cps
Cadmium	111-1	7115	7053	7033	7067	0.61	cps
Calcium	43-1	28405512	29582009	30312492	29433338	3.27	cps
Calcium	44-1	457619193	481271420	490729873	476540162	3.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29876	30123	29369	29789	1.29	cps
Cobalt	59-2	39331	39870	38690	39297	1.50	cps
Copper	63-2	26240	25756	25502	25832	1.45	cps
Dysprosium	156-1	870	763	903	846	8.65	cps
Dysprosium	156-2	610	700	617	642	7.81	cps
Erbium	164-1	930	940	853	908	5.22	cps
Erbium	164-2	653	603	717	658	8.63	cps
Gadolinium	160-1	733	913	907	851	11.99	cps
Gadolinium	160-2	1410	1667	1637	1571	8.93	cps
Holmium	165-1	27822181	29160136	28879300	28620539	2.47	cps
Holmium	165-2	20854884	21526302	20754498	21045228	1.99	cps
Indium	115-1	23305455	24826368	24834506	24322109	3.62	cps
Indium	115-2	8927082	9322001	9207691	9152258	2.22	cps
Iron	56-2	2093462742	2106995915	2186541247	2128999968	2.36	cps
Iron	57-2	53581306	53311963	53765539	53552936	0.43	cps
Iron	54-2	117991438	116726782	116924148	117214123	0.58	cps
Krypton	83-1	410	427	423	420	2.10	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:02:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14748	11875	11398	12674	14.30	cps
Lead	207-1	12679	10427	10154	11087	12.50	cps
Lead	208-1	57832	47055	45056	49981	13.75	cps
Lithium	6-1	2717893	2814308	2901708	2811303	3.27	cps
Magnesium	24-2	393562781	390434128	393534554	392510487	0.46	cps
Manganese	55-2	35512	36461	35114	35696	1.94	cps
Molybdenum	94-1	24517	21756	22921	23065	6.01	cps
Molybdenum	95-1	19517	14614	15785	16639	15.39	cps
Molybdenum	96-1	39634	33969	35924	36509	7.88	cps
Molybdenum	97-1	12139	9003	9316	10153	17.01	cps
Molybdenum	98-1	29537	21169	22618	24441	18.30	cps
Neodymium	150-1	467	527	453	482	8.10	cps
Neodymium	150-2	350	277	293	307	12.54	cps
Nickel	60-2	15702	15508	15882	15697	1.19	cps
Phosphorus	31-2	607	563	447	539	15.36	cps
Potassium	39-2	248048103	249027843	250027710	249034552	0.40	cps
Rhodium	103-1	21490397	22587556	22664017	22247323	2.95	cps
Rhodium	103-2	13843514	14405147	13785896	14011519	2.44	cps
Scandium	45-1	13816319	14503074	14647433	14322275	3.10	cps
Scandium	45-2	1246296	1329508	1282281	1286028	3.25	cps
Selenium	82-1	1727	1857	1916	1834	5.28	cps
Selenium	77-2	17	10	3	10	66.70	cps
Selenium	78-2	547	600	500	549	9.12	cps
Silicon	28-1	1735351	1762157	1726460	1741323	1.07	cps
Silver	107-1	3437	2630	2424	2830	18.92	cps
Silver	109-1	3267	2527	2177	2657	20.95	cps
Sodium	23-2	657710284	660273617	691487296	669823732	2.81	cps
Strontium	86-1	21446	21873	22531	21950	2.49	cps
Strontium	88-1	182913	188012	188046	186324	1.59	cps
Sulfur	34-1	266309	271445	273310	270355	1.34	cps
Terbium	159-1	28462101	29721399	30143111	29442204	2.97	cps
Terbium	159-2	20418391	20413265	21448348	20760001	2.87	cps
Thallium	203-1	2294	1530	1370	1731	28.51	cps
Thallium	205-1	5121	3661	3110	3964	26.21	cps
Tin	118-1	18412	18455	18355	18407	0.27	cps
Titanium	47-1	3854	2610	2487	2984	25.34	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:02:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4618	1817	1197	2544	71.65	cps
Vanadium	51-2	1370	1387	1340	1366	1.73	cps
Yttrium	89-1	33230925	35124629	35443938	34599831	3.46	cps
Yttrium	89-2	9691832	9654517	9610616	9652322	0.42	cps
Zinc	66-2	48870	49345	48839	49018	0.58	cps
Zirconium	90-1	35029	35824	37969	36274	4.19	cps
Zirconium	91-1	7789	8196	8513	8166	4.44	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:43:05	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	259289	259564	258524	259125	0.21	cps
Antimony	121-1	4909412	5011932	5003698	4975014	1.14	cps
Arsenic	75-2	280760	283434	282783	282326	0.49	cps
Barium	135-1	577521	590580	598286	588795	1.78	cps
Barium	137-1	1011645	1025791	1035594	1024343	1.18	cps
Beryllium	9-1	247920	248782	254339	250347	1.39	cps
Bismuth	209-1	17763229	17734925	17830410	17776188	0.28	cps
Bismuth	209-2	14622657	14546110	14699952	14622906	0.53	cps
Bromine	81-1	15355	15288	16049	15564	2.71	cps
Bromine	81-2	237	183	247	222	15.32	cps
Cadmium	108-1	43933	44261	45120	44438	1.38	cps
Cadmium	106-1	69760	71806	71217	70927	1.49	cps
Cadmium	111-1	670792	683948	686024	680255	1.21	cps
Calcium	43-1	138222	139124	142495	139947	1.61	cps
Calcium	44-1	2254809	2247961	2268682	2257151	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1093962	1095438	1091393	1093597	0.19	cps
Cobalt	59-2	1774389	1790054	1803992	1789478	0.83	cps
Copper	63-2	1264397	1265666	1251985	1260683	0.60	cps
Dysprosium	156-1	67	57	43	56	21.08	cps
Dysprosium	156-2	37	33	43	38	13.48	cps
Erbium	164-1	120	137	160	139	14.47	cps
Erbium	164-2	60	70	83	71	16.46	cps
Gadolinium	160-1	123	140	143	136	7.90	cps
Gadolinium	160-2	1113	1233	1210	1186	5.37	cps
Holmium	165-1	30236644	30665944	31193110	30698566	1.56	cps
Holmium	165-2	22254337	22223016	21944506	22140620	0.77	cps
Indium	115-1	27999725	27994637	28349908	28114757	0.72	cps
Indium	115-2	10234960	10234852	10318148	10262653	0.47	cps
Iron	56-2	19600455	19729445	19468874	19599592	0.66	cps
Iron	57-2	505139	504747	500657	503514	0.49	cps
Iron	54-2	1128149	1132503	1136654	1132435	0.38	cps
Krypton	83-1	390	320	350	353	9.94	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:43:05	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3292294	3326699	3403904	3340966	1.71	cps
Lead	207-1	2766519	2781288	2847883	2798563	1.55	cps
Lead	208-1	12792487	12985752	13171122	12983120	1.46	cps
Lithium	6-1	3137481	3252348	3223031	3204287	1.86	cps
Magnesium	24-2	1014939	1017351	1003945	1012078	0.71	cps
Manganese	55-2	813890	813487	808052	811810	0.40	cps
Molybdenum	94-1	1477	1443	1593	1505	5.24	cps
Molybdenum	95-1	377	343	373	364	5.04	cps
Molybdenum	96-1	857	863	1040	920	11.30	cps
Molybdenum	97-1	307	233	270	270	13.58	cps
Molybdenum	98-1	627	703	637	656	6.36	cps
Neodymium	150-1	23	50	33	36	37.90	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	462988	463086	463160	463078	0.02	cps
Phosphorus	31-2	363	370	330	354	6.05	cps
Potassium	39-2	2313696	2280696	2314735	2303043	0.84	cps
Rhodium	103-1	27399518	27854036	27931026	27728193	1.04	cps
Rhodium	103-2	16732912	16643485	16990788	16789062	1.07	cps
Scandium	45-1	16434484	16526500	16568584	16509856	0.42	cps
Scandium	45-2	1407248	1372946	1370725	1383640	1.48	cps
Selenium	82-1	80879	82317	82597	81931	1.13	cps
Selenium	77-2	8126	8259	8292	8226	1.07	cps
Selenium	78-2	28177	27963	27459	27866	1.32	cps
Silicon	28-1	1750558	1709802	1742132	1734164	1.24	cps
Silver	107-1	1682900	1694661	1701212	1692924	0.55	cps
Silver	109-1	1582692	1601082	1615111	1599628	1.02	cps
Sodium	23-2	2954722	2918483	2864759	2912655	1.55	cps
Strontium	86-1	2550	2887	2847	2761	6.66	cps
Strontium	88-1	20407	20718	21072	20732	1.60	cps
Sulfur	34-1	333477	329205	331188	331290	0.65	cps
Terbium	159-1	31431867	31660969	31659504	31584113	0.42	cps
Terbium	159-2	21988843	22071613	22024520	22028325	0.19	cps
Thallium	203-1	4017902	4056154	4092865	4055640	0.92	cps
Thallium	205-1	9506906	9428115	9830975	9588666	2.23	cps
Tin	118-1	3954	3894	4067	3972	2.22	cps
Titanium	47-1	263	323	347	311	13.82	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:43:05	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	143	73	90	102	35.78	cps
Vanadium	51-2	916808	912369	915638	914938	0.25	cps
Yttrium	89-1	38376639	38932125	39267751	38858839	1.16	cps
Yttrium	89-2	10341760	10273895	10268287	10294648	0.40	cps
Zinc	66-2	395843	399000	395399	396747	0.49	cps
Zirconium	90-1	2944	3490	4014	3483	15.37	cps
Zirconium	91-1	1057	1227	1183	1156	7.64	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:46:09	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347	310	353	337	6.93	cps
Antimony	121-1	6151	3030	2507	3896	50.57	cps
Arsenic	75-2	30	33	23	29	17.63	cps
Barium	135-1	813	243	167	408	86.64	cps
Barium	137-1	1087	467	233	596	74.05	cps
Beryllium	9-1	261	128	44	144	75.66	cps
Bismuth	209-1	17958300	18040216	18125295	18041270	0.46	cps
Bismuth	209-2	14882016	14817540	14879560	14859705	0.25	cps
Bromine	81-1	15318	15985	16066	15790	2.60	cps
Bromine	81-2	203	187	167	186	9.89	cps
Cadmium	108-1	80	27	30	46	65.58	cps
Cadmium	106-1	10117	9683	9830	9877	2.23	cps
Cadmium	111-1	7783	7000	6957	7246	6.42	cps
Calcium	43-1	810	670	543	674	19.78	cps
Calcium	44-1	54080	52582	51224	52628	2.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2324	2053	2017	2131	7.86	cps
Cobalt	59-2	377	277	383	346	17.29	cps
Copper	63-2	2577	2304	2444	2441	5.60	cps
Dysprosium	156-1	47	70	43	53	27.24	cps
Dysprosium	156-2	7	13	23	14	58.06	cps
Erbium	164-1	107	130	127	121	10.42	cps
Erbium	164-2	83	73	100	86	15.75	cps
Gadolinium	160-1	157	160	137	151	8.35	cps
Gadolinium	160-2	977	1133	1210	1107	10.75	cps
Holmium	165-1	30456802	30919917	30718555	30698425	0.76	cps
Holmium	165-2	22118590	22113194	22194345	22142043	0.20	cps
Indium	115-1	28421847	28736091	28695122	28617686	0.60	cps
Indium	115-2	10143110	10358708	10365143	10288987	1.23	cps
Iron	56-2	30571	30751	30688	30670	0.30	cps
Iron	57-2	1913	1873	1953	1913	2.09	cps
Iron	54-2	4984	4914	5158	5019	2.50	cps
Krypton	83-1	353	320	383	352	8.99	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:46:09	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4244	1833	1070	2383	69.54	cps
Lead	207-1	3611	1533	953	2032	68.74	cps
Lead	208-1	16531	7181	4267	9326	68.70	cps
Lithium	6-1	3186528	3251039	3214481	3217349	1.01	cps
Magnesium	24-2	2490	2297	2487	2425	4.57	cps
Manganese	55-2	643	540	547	577	10.03	cps
Molybdenum	94-1	880	900	1063	948	10.61	cps
Molybdenum	95-1	133	173	147	151	13.48	cps
Molybdenum	96-1	367	363	290	340	12.74	cps
Molybdenum	97-1	127	83	107	106	20.55	cps
Molybdenum	98-1	287	237	277	267	9.92	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	403	373	330	369	9.99	cps
Phosphorus	31-2	367	373	303	348	11.11	cps
Potassium	39-2	83722	83815	83471	83669	0.21	cps
Rhodium	103-1	28010926	28340018	28125268	28158737	0.59	cps
Rhodium	103-2	16833813	16947522	16919521	16900285	0.35	cps
Scandium	45-1	16599218	16640265	16516227	16585237	0.38	cps
Scandium	45-2	1382210	1429126	1395552	1402296	1.72	cps
Selenium	82-1	1876	1881	1725	1828	4.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	543	570	633	582	7.94	cps
Silicon	28-1	1717295	1711814	1728734	1719281	0.50	cps
Silver	107-1	2064	873	667	1201	62.76	cps
Silver	109-1	1863	793	450	1036	71.19	cps
Sodium	23-2	52245	51305	51362	51637	1.02	cps
Strontium	86-1	620	617	560	599	5.63	cps
Strontium	88-1	440	423	477	447	6.11	cps
Sulfur	34-1	332837	328931	328615	330128	0.71	cps
Terbium	159-1	31906892	32352996	32635099	32298329	1.14	cps
Terbium	159-2	22289951	22073771	22004371	22122698	0.67	cps
Thallium	203-1	4107	1560	817	2161	79.85	cps
Thallium	205-1	9524	3764	1907	5065	78.41	cps
Tin	118-1	4057	3831	3897	3928	2.97	cps
Titanium	47-1	220	170	193	194	12.87	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:46:09	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60	60	50	57	10.19	cps
Vanadium	51-2	97	87	93	92	5.52	cps
Yttrium	89-1	39021474	39344370	39591916	39319254	0.73	cps
Yttrium	89-2	10197863	10283416	10359432	10280237	0.79	cps
Zinc	66-2	717	647	637	667	6.54	cps
Zirconium	90-1	2127	2550	2594	2424	10.64	cps
Zirconium	91-1	393	490	540	474	15.72	cps

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:49:27	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49673004	48988764	49200074	49287281	0.71	cps
Antimony	121-1	27824	28872	29049	28582	2.32	cps
Arsenic	75-2	457	440	480	459	4.38	cps
Barium	135-1	8669	8793	9286	8916	3.66	cps
Barium	137-1	14991	15569	14868	15143	2.47	cps
Beryllium	9-1	778	789	644	737	10.91	cps
Bismuth	209-1	17495961	17876488	18046834	17806428	1.58	cps
Bismuth	209-2	14149891	14141462	14311538	14200964	0.67	cps
Bromine	81-1	17794	18532	19036	18454	3.38	cps
Bromine	81-2	430	393	430	418	5.07	cps
Cadmium	108-1	4624	4651	4301	4525	4.31	cps
Cadmium	106-1	10067	9780	9883	9910	1.47	cps
Cadmium	111-1	9614	9422	9506	9514	1.02	cps
Calcium	43-1	6672925	6814057	6861348	6782776	1.45	cps
Calcium	44-1	108180658	109498578	110493052	109390763	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	215283	213268	214683	214411	0.48	cps
Cobalt	59-2	21736	21512	21479	21576	0.65	cps
Copper	63-2	91890	92574	93973	92812	1.14	cps
Dysprosium	156-1	117	160	120	132	18.24	cps
Dysprosium	156-2	60	73	93	76	22.20	cps
Erbium	164-1	260	213	207	227	12.82	cps
Erbium	164-2	163	140	147	150	8.01	cps
Gadolinium	160-1	223	220	243	229	5.51	cps
Gadolinium	160-2	1160	1093	1117	1123	3.01	cps
Holmium	165-1	32007120	32851437	32920065	32592874	1.56	cps
Holmium	165-2	23005667	22706949	22766484	22826367	0.69	cps
Indium	115-1	27921264	28539173	28513088	28324509	1.23	cps
Indium	115-2	9997773	10099484	10147346	10081534	0.76	cps
Iron	56-2	962984492	975326865	968173106	968828154	0.64	cps
Iron	57-2	24100893	24021310	24558183	24226795	1.20	cps
Iron	54-2	53356016	52296443	53971448	53207969	1.59	cps
Krypton	83-1	400	350	340	363	8.85	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:49:27	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	78565	79568	80084	79406	0.97	cps
Lead	207-1	62101	62674	63638	62804	1.24	cps
Lead	208-1	293579	299419	298801	297266	1.08	cps
Lithium	6-1	3008448	2999303	2852976	2953576	2.95	cps
Magnesium	24-2	86920365	85962919	87472679	86785321	0.88	cps
Manganese	55-2	64220	64491	64615	64442	0.31	cps
Molybdenum	94-1	14439704	14943283	15237164	14873384	2.71	cps
Molybdenum	95-1	25548059	26265090	26869799	26227649	2.52	cps
Molybdenum	96-1	27481797	28165849	28737659	28128435	2.24	cps
Molybdenum	97-1	15861492	16396999	16530937	16263143	2.18	cps
Molybdenum	98-1	40906559	42270155	42602384	41926366	2.14	cps
Neodymium	150-1	143	137	87	122	25.34	cps
Neodymium	150-2	63	63	60	62	3.09	cps
Nickel	60-2	23722	23933	23659	23771	0.60	cps
Phosphorus	31-2	2631870	2613913	2652877	2632887	0.74	cps
Potassium	39-2	108357998	109440685	109534952	109111212	0.60	cps
Rhodium	103-1	26391206	27008475	26837445	26745709	1.19	cps
Rhodium	103-2	16193509	16409943	16274900	16292784	0.67	cps
Scandium	45-1	16077141	16219859	16232150	16176383	0.53	cps
Scandium	45-2	1385160	1409038	1394631	1396276	0.86	cps
Selenium	82-1	1703	1844	1868	1805	4.94	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	677	573	623	624	8.28	cps
Silicon	28-1	1808152	1766210	1735986	1770116	2.05	cps
Silver	107-1	1037	1150	827	1004	16.33	cps
Silver	109-1	877	853	870	867	1.39	cps
Sodium	23-2	140406978	141688875	140956175	141017342	0.46	cps
Strontium	86-1	274904	280999	288120	281341	2.35	cps
Strontium	88-1	2452991	2510630	2547535	2503719	1.90	cps
Sulfur	34-1	9229676	9297959	9462381	9330005	1.28	cps
Terbium	159-1	32755445	33421105	34274822	33483791	2.27	cps
Terbium	159-2	22891960	22839779	22753217	22828319	0.31	cps
Thallium	203-1	2790	2694	2427	2637	7.14	cps
Thallium	205-1	6535	6065	5671	6090	7.10	cps
Tin	118-1	7482	8122	7635	7747	4.32	cps
Titanium	47-1	6447007	6537058	6548053	6510706	0.85	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:49:27	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1087	1117	940	1048	9.02	cps
Vanadium	51-2	1643	1743	1603	1663	4.34	cps
Yttrium	89-1	39154550	39683927	40236187	39691555	1.36	cps
Yttrium	89-2	10430998	10374153	10366930	10390694	0.34	cps
Zinc	66-2	22627	22978	22671	22758	0.84	cps
Zirconium	90-1	2547	3054	3034	2878	9.97	cps
Zirconium	91-1	497	693	703	631	18.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:52:28	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49056828	49100719	48703196	48953581	0.45	cps
Antimony	121-1	533129	555690	553084	547301	2.26	cps
Arsenic	75-2	29075	28551	28714	28780	0.93	cps
Barium	135-1	129883	134195	134266	132781	1.89	cps
Barium	137-1	222489	229731	229843	227354	1.85	cps
Beryllium	9-1	44915	45071	45093	45026	0.22	cps
Bismuth	209-1	17946624	18316849	18220115	18161196	1.06	cps
Bismuth	209-2	14525298	14540720	14408480	14491500	0.50	cps
Bromine	81-1	20197	21289	21339	20942	3.08	cps
Bromine	81-2	647	703	740	697	6.75	cps
Cadmium	108-1	12652	13416	13049	13039	2.93	cps
Cadmium	106-1	22404	22374	22868	22549	1.23	cps
Cadmium	111-1	142108	146138	144948	144398	1.43	cps
Calcium	43-1	6767859	6904749	7044449	6905686	2.00	cps
Calcium	44-1	109318745	112319045	112548312	111395367	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	430082	430430	427296	429269	0.40	cps
Cobalt	59-2	362650	365292	362662	363535	0.42	cps
Copper	63-2	333354	337042	335463	335286	0.55	cps
Dysprosium	156-1	127	123	100	117	12.45	cps
Dysprosium	156-2	113	73	77	88	25.29	cps
Erbium	164-1	223	210	223	219	3.52	cps
Erbium	164-2	147	143	143	144	1.33	cps
Gadolinium	160-1	263	233	217	238	9.95	cps
Gadolinium	160-2	1160	1223	1223	1202	3.04	cps
Holmium	165-1	32507410	33667335	33224294	33133013	1.77	cps
Holmium	165-2	23446880	23451626	23196163	23364890	0.63	cps
Indium	115-1	28778756	29748573	29484957	29337429	1.71	cps
Indium	115-2	10363040	10270476	10322642	10318719	0.45	cps
Iron	56-2	988674012	977008785	989459239	985047345	0.71	cps
Iron	57-2	24500098	24935721	24762201	24732674	0.89	cps
Iron	54-2	53700474	53638404	53799203	53712694	0.15	cps
Krypton	83-1	370	393	360	374	4.57	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:52:28	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	414767	423218	424504	420830	1.26	cps
Lead	207-1	344781	353753	355050	351195	1.59	cps
Lead	208-1	1590631	1630509	1642586	1621242	1.68	cps
Lithium	6-1	2772848	2808010	2837533	2806130	1.15	cps
Magnesium	24-2	85965845	85965515	86058692	85996684	0.06	cps
Manganese	55-2	226923	223439	224429	224930	0.80	cps
Molybdenum	94-1	15264246	15436072	15672624	15457647	1.33	cps
Molybdenum	95-1	26739547	27119633	27702785	27187322	1.78	cps
Molybdenum	96-1	28680216	29456503	29566498	29234406	1.65	cps
Molybdenum	97-1	16569703	16898829	17023560	16830697	1.39	cps
Molybdenum	98-1	42759366	43528309	43875643	43387773	1.32	cps
Neodymium	150-1	90	130	107	109	18.45	cps
Neodymium	150-2	70	63	100	78	25.11	cps
Nickel	60-2	111745	111883	112350	111993	0.28	cps
Phosphorus	31-2	2675616	2686726	2629592	2663978	1.14	cps
Potassium	39-2	111601432	110194735	109464375	110420181	0.98	cps
Rhodium	103-1	27380254	27745224	27768803	27631427	0.79	cps
Rhodium	103-2	16780933	16625501	16770791	16725742	0.52	cps
Scandium	45-1	16550043	16741615	16726942	16672867	0.64	cps
Scandium	45-2	1440288	1422626	1440908	1434607	0.72	cps
Selenium	82-1	9631	9889	9857	9792	1.44	cps
Selenium	77-2	800	783	867	817	5.40	cps
Selenium	78-2	3374	3397	3320	3364	1.17	cps
Silicon	28-1	1773594	1766290	1763250	1767711	0.30	cps
Silver	107-1	645075	659025	671132	658411	1.98	cps
Silver	109-1	613916	624285	631889	623364	1.45	cps
Sodium	23-2	143560885	142700248	143926915	143396016	0.44	cps
Strontium	86-1	284699	297525	295883	292702	2.38	cps
Strontium	88-1	2542855	2635822	2585413	2588030	1.80	cps
Sulfur	34-1	9263374	9476551	9510733	9416886	1.42	cps
Terbium	159-1	34429279	34533004	34616844	34526376	0.27	cps
Terbium	159-2	23060954	23515263	23428306	23334841	1.03	cps
Thallium	203-1	417255	430461	431594	426437	1.87	cps
Thallium	205-1	991915	1017431	1020349	1009899	1.55	cps
Tin	118-1	7522	7979	7856	7786	3.04	cps
Titanium	47-1	6560166	6769059	6608819	6646015	1.64	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:52:28	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1027	1147	1077	1083	5.56	cps
Vanadium	51-2	183499	182489	181775	182588	0.47	cps
Yttrium	89-1	41143659	41892148	41881501	41639102	1.03	cps
Yttrium	89-2	10751511	10533292	10692987	10659263	1.06	cps
Zinc	66-2	64478	63313	63678	63823	0.93	cps
Zirconium	90-1	2740	2820	2830	2797	1.76	cps
Zirconium	91-1	580	627	657	621	6.22	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:59:42	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26399242	26309321	26394312	26367625	0.19	cps
Antimony	121-1	13024476	13191080	13057775	13091110	0.67	cps
Arsenic	75-2	727490	725126	728052	726890	0.21	cps
Barium	135-1	15465945	15391121	15272722	15376596	0.63	cps
Barium	137-1	26408589	26558347	26002981	26323306	1.09	cps
Beryllium	9-1	1216767	1205631	1199030	1207143	0.74	cps
Bismuth	209-1	17160951	17538543	17223699	17307731	1.17	cps
Bismuth	209-2	13723099	13784141	13760915	13756052	0.22	cps
Bromine	81-1	17681	17777	17447	17635	0.96	cps
Bromine	81-2	180	197	147	174	14.59	cps
Cadmium	108-1	252356	254912	254024	253764	0.51	cps
Cadmium	106-1	368471	369649	369283	369135	0.16	cps
Cadmium	111-1	3448108	3481155	3453389	3460884	0.51	cps
Calcium	43-1	17279258	17347298	17516404	17380987	0.70	cps
Calcium	44-1	280682156	281436556	279913723	280677478	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5333805	5322998	5389823	5348876	0.67	cps
Cobalt	59-2	9044892	9009100	8901692	8985228	0.83	cps
Copper	63-2	64772607	64125456	64231691	64376585	0.54	cps
Dysprosium	156-1	550	640	573	588	7.95	cps
Dysprosium	156-2	1007	950	910	956	5.08	cps
Erbium	164-1	697	693	650	680	3.83	cps
Erbium	164-2	473	410	437	440	7.23	cps
Gadolinium	160-1	567	530	487	528	7.59	cps
Gadolinium	160-2	1393	1407	1267	1356	5.70	cps
Holmium	165-1	32342435	32602760	32127961	32357719	0.73	cps
Holmium	165-2	22766274	22774908	22860425	22800536	0.23	cps
Indium	115-1	27866405	28875674	28505429	28415836	1.80	cps
Indium	115-2	10125698	10127901	10134597	10129399	0.05	cps
Iron	56-2	1199282382	1198158889	1205708969	1201050080	0.34	cps
Iron	57-2	30250345	30027527	30331115	30202996	0.52	cps
Iron	54-2	65208059	65149247	66135134	65497480	0.84	cps
Krypton	83-1	437	507	463	469	7.53	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:59:42	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39292041	40767182	40111686	40056970	1.85	cps
Lead	207-1	34956292	35562339	35101779	35206803	0.90	cps
Lead	208-1	158286165	161242768	159424229	159651054	0.93	cps
Lithium	6-1	2785305	2968839	2970105	2908083	3.66	cps
Magnesium	24-2	229603063	225985183	228417557	228001934	0.81	cps
Manganese	55-2	40249349	40484319	40744750	40492806	0.61	cps
Molybdenum	94-1	48331346	49027381	48786523	48715083	0.73	cps
Molybdenum	95-1	70016357	70859086	69984927	70286790	0.71	cps
Molybdenum	96-1	77175224	77643626	76694094	77170981	0.62	cps
Molybdenum	97-1	42988818	43705108	43378033	43357319	0.83	cps
Molybdenum	98-1	110689612	111706818	112157275	111517902	0.67	cps
Neodymium	150-1	833	863	823	840	2.48	cps
Neodymium	150-2	213	253	250	239	9.29	cps
Nickel	60-2	2323192	2282155	2265126	2290157	1.30	cps
Phosphorus	31-2	263485	262533	265174	263731	0.51	cps
Potassium	39-2	141843485	141267538	143436085	142182369	0.79	cps
Rhodium	103-1	26627940	26818111	26943909	26796653	0.59	cps
Rhodium	103-2	15880295	15923386	15815291	15872991	0.34	cps
Scandium	45-1	16581364	17225476	16834640	16880493	1.92	cps
Scandium	45-2	1433611	1407524	1435266	1425467	1.09	cps
Selenium	82-1	207587	208689	208679	208319	0.30	cps
Selenium	77-2	20438	20391	20157	20329	0.74	cps
Selenium	78-2	68802	67884	69556	68747	1.22	cps
Silicon	28-1	8590514	8689051	8603499	8627688	0.62	cps
Silver	107-1	17340836	17417318	17257592	17338582	0.46	cps
Silver	109-1	16320297	16335377	16259461	16305045	0.25	cps
Sodium	23-2	354540035	356780048	360755141	357358408	0.88	cps
Strontium	86-1	4444033	4453947	4404075	4434018	0.60	cps
Strontium	88-1	38948734	38873747	39338700	39053727	0.64	cps
Sulfur	34-1	1297725	1311771	1295409	1301635	0.68	cps
Terbium	159-1	33089786	34023434	33856226	33656482	1.48	cps
Terbium	159-2	22386821	22648630	22683724	22573058	0.72	cps
Thallium	203-1	10067858	10070440	10008408	10048902	0.35	cps
Thallium	205-1	23604529	24063255	23600569	23756117	1.12	cps
Tin	118-1	10633638	10839063	10564213	10678971	1.34	cps
Titanium	47-1	16708705	16978024	16736276	16807668	0.88	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 13:59:42	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30715680	30686035	30970302	30790672	0.51	cps
Vanadium	51-2	4737548	4743731	4782618	4754633	0.51	cps
Yttrium	89-1	40194422	41245706	40956459	40798862	1.33	cps
Yttrium	89-2	10589290	10527505	10593104	10569967	0.35	cps
Zinc	66-2	10276861	10090112	10281730	10216234	1.07	cps
Zirconium	90-1	23502262	23898364	23910884	23770503	0.98	cps
Zirconium	91-1	5231994	5294832	5290718	5272515	0.67	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:02:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	637	547	393	526	23.41	cps
Antimony	121-1	9060	9523	11818	10134	14.58	cps
Arsenic	75-2	40	60	63	54	23.18	cps
Barium	135-1	3834	1353	413	1867	94.66	cps
Barium	137-1	6442	2257	737	3145	93.94	cps
Beryllium	9-1	472	267	167	302	51.61	cps
Bismuth	209-1	19056216	18488839	18580599	18708552	1.63	cps
Bismuth	209-2	15025328	14978875	15215653	15073285	0.83	cps
Bromine	81-1	16282	16486	16503	16424	0.75	cps
Bromine	81-2	180	133	163	159	14.88	cps
Cadmium	108-1	107	93	43	81	41.17	cps
Cadmium	106-1	10521	10237	10057	10271	2.28	cps
Cadmium	111-1	8336	7547	7260	7714	7.23	cps
Calcium	43-1	4984	2117	1033	2711	75.29	cps
Calcium	44-1	132815	85726	68299	95613	34.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2147	1987	1963	2032	4.91	cps
Cobalt	59-2	440	410	353	401	10.97	cps
Copper	63-2	3837	3757	3547	3714	4.03	cps
Dysprosium	156-1	37	53	50	47	18.89	cps
Dysprosium	156-2	23	33	7	21	63.80	cps
Erbium	164-1	157	137	133	142	8.87	cps
Erbium	164-2	90	87	90	89	2.16	cps
Gadolinium	160-1	160	167	200	176	12.21	cps
Gadolinium	160-2	1073	1180	1330	1195	10.80	cps
Holmium	165-1	32850333	31984170	32134995	32323166	1.43	cps
Holmium	165-2	22818830	23077782	22892851	22929821	0.58	cps
Indium	115-1	30458634	29498518	29523422	29826858	1.83	cps
Indium	115-2	10600953	10593981	10570294	10588409	0.15	cps
Iron	56-2	46562	43108	42096	43922	5.33	cps
Iron	57-2	2340	2317	2207	2288	3.11	cps
Iron	54-2	6065	5878	5714	5886	2.98	cps
Krypton	83-1	340	347	310	332	5.88	cps

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:02:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11555	4734	2424	6238	76.11	cps
Lead	207-1	10017	4057	1893	5323	79.04	cps
Lead	208-1	45985	18782	9371	24713	76.94	cps
Lithium	6-1	3103922	3026759	3041391	3057357	1.34	cps
Magnesium	24-2	3674	3257	3020	3317	9.97	cps
Manganese	55-2	1030	920	860	937	9.21	cps
Molybdenum	94-1	17023	10421	8976	12140	35.34	cps
Molybdenum	95-1	19076	8022	4517	10539	72.10	cps
Molybdenum	96-1	21436	10037	6011	12495	64.03	cps
Molybdenum	97-1	12192	5201	2817	6737	72.33	cps
Molybdenum	98-1	29761	13283	7098	16714	70.09	cps
Neodymium	150-1	23	10	13	16	44.60	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	227	310	297	278	16.12	cps
Phosphorus	31-2	303	317	397	339	14.89	cps
Potassium	39-2	114725	112512	111172	112803	1.59	cps
Rhodium	103-1	29742495	28563050	29170631	29158725	2.02	cps
Rhodium	103-2	17566808	17439378	17231629	17412605	0.97	cps
Scandium	45-1	17128961	16901613	16725204	16918593	1.20	cps
Scandium	45-2	1429971	1395626	1417603	1414400	1.23	cps
Selenium	82-1	1901	1840	1693	1811	5.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	633	653	597	628	4.58	cps
Silicon	28-1	1696430	1682725	1680912	1686689	0.50	cps
Silver	107-1	4601	1984	1097	2560	71.16	cps
Silver	109-1	4214	1733	1037	2328	71.73	cps
Sodium	23-2	86605	85696	85479	85927	0.70	cps
Strontium	86-1	1687	957	727	1123	44.62	cps
Strontium	88-1	9913	3654	1287	4951	90.02	cps
Sulfur	34-1	276057	277274	278315	277215	0.41	cps
Terbium	159-1	33951238	33198018	32797653	33315636	1.76	cps
Terbium	159-2	22889463	22440505	22692811	22674260	0.99	cps
Thallium	203-1	4134	2567	2237	2979	34.02	cps
Thallium	205-1	9684	6322	5171	7059	33.22	cps
Tin	118-1	6888	5441	4714	5681	19.48	cps
Titanium	47-1	4497	1854	713	2355	82.44	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:02:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7686	2950	973	3870	89.13	cps
Vanadium	51-2	93	93	63	83	20.79	cps
Yttrium	89-1	42555910	40433994	40573899	41187934	2.88	cps
Yttrium	89-2	10735193	10626817	10573412	10645141	0.77	cps
Zinc	66-2	760	757	737	751	1.68	cps
Zirconium	90-1	17467	16259	17057	16928	3.63	cps
Zirconium	91-1	4101	3510	4064	3892	8.50	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:07:25	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	257	253	353	288	19.74	cps
Antimony	121-1	980	1567	2207	1585	38.72	cps
Arsenic	75-2	17	27	13	19	36.75	cps
Barium	135-1	190	117	157	154	23.77	cps
Barium	137-1	277	193	277	249	19.33	cps
Beryllium	9-1	72	83	67	74	11.45	cps
Bismuth	209-1	18487778	19201526	19206375	18965226	2.18	cps
Bismuth	209-2	15608563	15283812	15369578	15420651	1.09	cps
Bromine	81-1	17384	17777	16913	17358	2.49	cps
Bromine	81-2	223	237	197	219	9.30	cps
Cadmium	108-1	30	20	33	28	24.98	cps
Cadmium	106-1	9640	10194	9873	9902	2.81	cps
Cadmium	111-1	6830	7205	6951	6996	2.73	cps
Calcium	43-1	1120	1230	1287	1212	6.99	cps
Calcium	44-1	72144	71063	70332	71180	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1697	1880	1923	1833	6.56	cps
Cobalt	59-2	343	277	263	294	14.56	cps
Copper	63-2	2794	2900	2677	2790	4.00	cps
Dysprosium	156-1	37	50	53	47	18.89	cps
Dysprosium	156-2	20	20	10	17	34.64	cps
Erbium	164-1	147	133	140	140	4.76	cps
Erbium	164-2	90	123	77	97	24.86	cps
Gadolinium	160-1	163	180	160	168	6.39	cps
Gadolinium	160-2	1163	1170	1250	1195	4.04	cps
Holmium	165-1	32542601	32619159	33213255	32791672	1.12	cps
Holmium	165-2	23451302	23345350	23120273	23305642	0.73	cps
Indium	115-1	30538223	30362944	30890626	30597264	0.88	cps
Indium	115-2	11016687	11038559	11008345	11021197	0.14	cps
Iron	56-2	28958	29142	28951	29017	0.37	cps
Iron	57-2	1787	2097	2010	1965	8.14	cps
Iron	54-2	4614	4481	4351	4482	2.94	cps
Krypton	83-1	350	433	393	392	10.63	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:07:25	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1187	1047	1173	1136	6.80	cps
Lead	207-1	980	1073	923	992	7.63	cps
Lead	208-1	4760	4404	4797	4654	4.67	cps
Lithium	6-1	3126454	3076487	3189017	3130653	1.80	cps
Magnesium	24-2	2437	2610	2287	2445	6.62	cps
Manganese	55-2	733	710	630	691	7.84	cps
Molybdenum	94-1	1110	1197	1533	1280	17.47	cps
Molybdenum	95-1	430	430	507	456	9.72	cps
Molybdenum	96-1	530	673	680	628	13.50	cps
Molybdenum	97-1	230	297	333	287	18.28	cps
Molybdenum	98-1	603	673	730	669	9.49	cps
Neodymium	150-1	13	13	17	14	13.35	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	233	223	193	217	9.61	cps
Phosphorus	31-2	313	387	263	321	19.32	cps
Potassium	39-2	100378	100103	100307	100263	0.14	cps
Rhodium	103-1	29969545	29657786	30360727	29996019	1.17	cps
Rhodium	103-2	18242887	18222254	18104334	18189825	0.41	cps
Scandium	45-1	17399824	17586771	17583198	17523264	0.61	cps
Scandium	45-2	1464845	1476859	1477225	1472977	0.48	cps
Selenium	82-1	1824	1938	1864	1875	3.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	667	567	630	621	8.14	cps
Silicon	28-1	1678136	1693804	1701656	1691199	0.71	cps
Silver	107-1	380	367	410	386	5.76	cps
Silver	109-1	290	247	340	292	15.98	cps
Sodium	23-2	77728	77105	77628	77487	0.43	cps
Strontium	86-1	707	660	683	683	3.41	cps
Strontium	88-1	1013	950	980	981	3.23	cps
Sulfur	34-1	292330	294447	295321	294033	0.52	cps
Terbium	159-1	33730963	34258561	34145880	34045135	0.82	cps
Terbium	159-2	23383636	23421585	23452360	23419194	0.15	cps
Thallium	203-1	1163	1073	1093	1110	4.26	cps
Thallium	205-1	2550	2680	2610	2614	2.49	cps
Tin	118-1	3964	3767	4257	3996	6.17	cps
Titanium	47-1	307	217	303	276	18.52	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:07:25	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	63	30	49	34.99	cps
Vanadium	51-2	27	33	20	27	24.99	cps
Yttrium	89-1	41950392	43145311	42372171	42489291	1.43	cps
Yttrium	89-2	11115551	11084610	11045844	11082002	0.32	cps
Zinc	66-2	1433	1447	1413	1431	1.17	cps
Zirconium	90-1	2534	2890	3234	2886	12.13	cps
Zirconium	91-1	533	637	660	610	11.05	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:10:42	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23328	22737	22944	23003	1.30	cps
Antimony	121-1	113117	115775	115785	114892	1.34	cps
Arsenic	75-2	3304	3074	3427	3268	5.49	cps
Barium	135-1	129748	132597	132355	131567	1.20	cps
Barium	137-1	224383	227507	229338	227076	1.10	cps
Beryllium	9-1	5295	5095	5129	5173	2.07	cps
Bismuth	209-1	20237901	18995882	19332828	19522204	3.29	cps
Bismuth	209-2	15438112	15408851	15441609	15429524	0.12	cps
Bromine	81-1	17858	18171	17737	17922	1.25	cps
Bromine	81-2	190	283	233	236	19.83	cps
Cadmium	108-1	1200	1063	1070	1111	6.93	cps
Cadmium	106-1	13580	12512	12529	12874	4.75	cps
Cadmium	111-1	23640	23586	23419	23549	0.49	cps
Calcium	43-1	76592	77336	77845	77257	0.82	cps
Calcium	44-1	1270045	1298916	1306044	1291668	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51110	51437	51177	51241	0.34	cps
Cobalt	59-2	40197	40872	40230	40433	0.94	cps
Copper	63-2	64120	62962	62915	63332	1.08	cps
Dysprosium	156-1	67	47	43	52	24.17	cps
Dysprosium	156-2	30	33	43	36	19.51	cps
Erbium	164-1	127	143	150	140	8.58	cps
Erbium	164-2	90	100	100	97	5.97	cps
Gadolinium	160-1	213	180	190	194	8.80	cps
Gadolinium	160-2	1233	1200	1253	1229	2.19	cps
Holmium	165-1	34906582	33642647	33950573	34166601	1.93	cps
Holmium	165-2	23620829	23524085	23512685	23552533	0.25	cps
Indium	115-1	32811035	31047918	30795245	31551399	3.48	cps
Indium	115-2	11216056	11029318	11037911	11094428	0.95	cps
Iron	56-2	4564686	4509883	4491390	4521986	0.84	cps
Iron	57-2	116867	116813	117455	117045	0.30	cps
Iron	54-2	255134	252938	256470	254848	0.70	cps
Krypton	83-1	310	410	433	384	17.04	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:10:42	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	37672	37355	38297	37775	1.27	cps
Lead	207-1	32656	32920	33037	32871	0.59	cps
Lead	208-1	148941	150644	151194	150260	0.78	cps
Lithium	6-1	3259772	3133813	3209200	3200928	1.98	cps
Magnesium	24-2	981453	979860	978680	979998	0.14	cps
Manganese	55-2	19199	19593	19336	19376	1.03	cps
Molybdenum	94-1	120638	123220	124204	122687	1.50	cps
Molybdenum	95-1	146316	150788	149431	148845	1.54	cps
Molybdenum	96-1	164649	168161	168781	167197	1.33	cps
Molybdenum	97-1	90669	92581	94211	92487	1.92	cps
Molybdenum	98-1	233758	242563	241180	239167	1.98	cps
Neodymium	150-1	10	10	17	12	31.50	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	10957	10657	10534	10716	2.03	cps
Phosphorus	31-2	380	300	353	344	11.83	cps
Potassium	39-2	1343440	1372530	1378395	1364788	1.37	cps
Rhodium	103-1	32287570	30619551	30646415	31184512	3.06	cps
Rhodium	103-2	18215201	18088947	18055840	18119996	0.46	cps
Scandium	45-1	18921562	17875123	17815003	18203896	3.42	cps
Scandium	45-2	1475484	1506045	1503675	1495068	1.14	cps
Selenium	82-1	6809	6707	6512	6676	2.26	cps
Selenium	77-2	460	457	460	459	0.42	cps
Selenium	78-2	2247	2037	2167	2150	4.93	cps
Silicon	28-1	1936046	1937806	1981389	1951747	1.32	cps
Silver	107-1	75220	76343	78005	76523	1.83	cps
Silver	109-1	70276	72554	73187	72005	2.13	cps
Sodium	23-2	1678655	1656042	1642233	1658977	1.11	cps
Strontium	86-1	18916	19496	19600	19337	1.91	cps
Strontium	88-1	163238	166902	166635	165592	1.23	cps
Sulfur	34-1	311301	314031	314862	313398	0.59	cps
Terbium	159-1	36911094	34568625	34285149	35254956	4.09	cps
Terbium	159-2	23662869	23631699	23414375	23569647	0.57	cps
Thallium	203-1	45011	45419	46275	45568	1.42	cps
Thallium	205-1	105898	108089	109735	107907	1.78	cps
Tin	118-1	4614	4521	4411	4515	2.25	cps
Titanium	47-1	36450	37192	36594	36746	1.07	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:10:42	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	127974	129224	130179	129126	0.86	cps
Vanadium	51-2	104562	102629	101914	103035	1.33	cps
Yttrium	89-1	45654586	43400636	43049133	44034785	3.21	cps
Yttrium	89-2	11163919	10995373	11124387	11094560	0.79	cps
Zinc	66-2	25625	25669	25732	25675	0.21	cps
Zirconium	90-1	103182	105274	105787	104748	1.32	cps
Zirconium	91-1	22744	24043	23946	23578	3.07	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:13:55	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11104	11181	11051	11112	0.59	cps
Antimony	121-1	54593	56203	56316	55704	1.73	cps
Arsenic	75-2	1597	1650	1573	1607	2.45	cps
Barium	135-1	63324	63595	62543	63154	0.86	cps
Barium	137-1	109914	109552	111184	110217	0.78	cps
Beryllium	9-1	2717	2678	2500	2632	4.39	cps
Bismuth	209-1	19114094	19092803	19042480	19083126	0.19	cps
Bismuth	209-2	15565024	15663736	15501131	15576630	0.53	cps
Bromine	81-1	17928	18271	17878	18026	1.19	cps
Bromine	81-2	207	197	213	206	4.08	cps
Cadmium	108-1	640	593	510	581	11.33	cps
Cadmium	106-1	12476	12212	11615	12101	3.64	cps
Cadmium	111-1	15687	15565	15352	15535	1.09	cps
Calcium	43-1	37854	38883	38509	38415	1.36	cps
Calcium	44-1	655652	667518	667096	663422	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25214	26046	25435	25565	1.68	cps
Cobalt	59-2	19566	19847	19907	19773	0.92	cps
Copper	63-2	32726	32439	32866	32677	0.67	cps
Dysprosium	156-1	47	40	33	40	16.68	cps
Dysprosium	156-2	20	20	37	26	37.66	cps
Erbium	164-1	120	163	100	128	25.34	cps
Erbium	164-2	100	97	130	109	16.86	cps
Gadolinium	160-1	170	153	153	159	6.05	cps
Gadolinium	160-2	1183	1200	1260	1215	3.32	cps
Holmium	165-1	33241505	32941494	32880910	33021303	0.58	cps
Holmium	165-2	23543549	23758540	23443620	23581903	0.68	cps
Indium	115-1	30541312	30813975	30632514	30662600	0.45	cps
Indium	115-2	11005005	11111767	10838274	10985015	1.25	cps
Iron	56-2	2214184	2174208	2179529	2189307	0.99	cps
Iron	57-2	57610	56619	56566	56932	1.03	cps
Iron	54-2	124876	126412	125921	125736	0.62	cps
Krypton	83-1	383	373	367	374	2.24	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:13:55	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18913	18863	19154	18977	0.82	cps
Lead	207-1	16243	16834	16206	16428	2.14	cps
Lead	208-1	75155	75552	75937	75548	0.52	cps
Lithium	6-1	3162621	3131691	3122893	3139069	0.66	cps
Magnesium	24-2	473846	478667	480160	477557	0.69	cps
Manganese	55-2	9807	10177	10113	10032	1.97	cps
Molybdenum	94-1	59500	61060	60635	60398	1.33	cps
Molybdenum	95-1	72331	72388	72170	72296	0.16	cps
Molybdenum	96-1	79970	81187	80708	80622	0.76	cps
Molybdenum	97-1	44591	44765	44752	44703	0.22	cps
Molybdenum	98-1	114971	116153	116681	115935	0.76	cps
Neodymium	150-1	3	20	13	12	68.66	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	5438	5488	5458	5461	0.46	cps
Phosphorus	31-2	333	377	253	321	19.49	cps
Potassium	39-2	715036	719071	719789	717966	0.36	cps
Rhodium	103-1	30228421	30600321	30625848	30484863	0.73	cps
Rhodium	103-2	18038821	18204306	17744083	17995737	1.30	cps
Scandium	45-1	17900895	17910046	17737463	17849468	0.54	cps
Scandium	45-2	1485336	1505874	1474709	1488640	1.06	cps
Selenium	82-1	4151	4121	4366	4213	3.17	cps
Selenium	77-2	203	230	243	226	9.03	cps
Selenium	78-2	1377	1377	1317	1357	2.55	cps
Silicon	28-1	1828990	1804340	1805873	1813068	0.76	cps
Silver	107-1	37228	37412	37906	37515	0.94	cps
Silver	109-1	35156	35607	35236	35333	0.68	cps
Sodium	23-2	805529	799216	799273	801339	0.45	cps
Strontium	86-1	9456	9893	9617	9655	2.29	cps
Strontium	88-1	80281	81176	80334	80597	0.62	cps
Sulfur	34-1	320098	322144	317586	319943	0.71	cps
Terbium	159-1	34261941	34190459	34252704	34235035	0.11	cps
Terbium	159-2	23727988	23714863	23181389	23541413	1.32	cps
Thallium	203-1	22829	22442	22118	22463	1.58	cps
Thallium	205-1	52363	54101	52715	53060	1.73	cps
Tin	118-1	4331	4474	4231	4345	2.82	cps
Titanium	47-1	17754	17677	17787	17739	0.32	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:13:55	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61970	61247	63008	62075	1.43	cps
Vanadium	51-2	49511	48859	49722	49364	0.91	cps
Yttrium	89-1	42831146	43431446	42981066	43081219	0.73	cps
Yttrium	89-2	11137005	11215385	11007159	11119850	0.95	cps
Zinc	66-2	13079	13089	13206	13125	0.54	cps
Zirconium	90-1	51838	51865	52453	52052	0.67	cps
Zirconium	91-1	11691	11805	11631	11709	0.75	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:17:09	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	320	330	333	4.58	cps
Antimony	121-1	363	473	627	488	27.12	cps
Arsenic	75-2	17	7	10	11	45.82	cps
Barium	135-1	200	123	113	146	32.57	cps
Barium	137-1	277	300	197	258	21.02	cps
Beryllium	9-1	72	39	61	57	29.56	cps
Bismuth	209-1	18441679	18896734	18525219	18621211	1.30	cps
Bismuth	209-2	15319734	15176610	15207432	15234592	0.49	cps
Bromine	81-1	18005	17300	18048	17784	2.36	cps
Bromine	81-2	237	207	200	214	9.11	cps
Cadmium	108-1	30	23	17	23	28.56	cps
Cadmium	106-1	10851	11078	10791	10906	1.39	cps
Cadmium	111-1	7655	7798	7582	7678	1.43	cps
Calcium	43-1	1100	1217	1147	1155	5.09	cps
Calcium	44-1	66970	67543	67103	67205	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1863	1750	1690	1768	4.98	cps
Cobalt	59-2	333	397	440	390	13.76	cps
Copper	63-2	2774	2790	2670	2745	2.37	cps
Dysprosium	156-1	77	33	30	47	55.79	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	137	140	113	130	11.18	cps
Erbium	164-2	67	80	107	84	24.12	cps
Gadolinium	160-1	180	167	130	159	16.30	cps
Gadolinium	160-2	1130	1063	1173	1122	4.94	cps
Holmium	165-1	32440880	32437410	32110802	32329697	0.59	cps
Holmium	165-2	23231639	23141948	23091011	23154866	0.31	cps
Indium	115-1	30275637	30401645	30592377	30423220	0.52	cps
Indium	115-2	10916267	10795805	10917300	10876458	0.64	cps
Iron	56-2	29092	27806	27842	28247	2.59	cps
Iron	57-2	1890	1870	1933	1898	1.71	cps
Iron	54-2	4671	4594	4544	4603	1.39	cps
Krypton	83-1	403	377	330	370	10.03	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:17:09	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	970	940	907	939	3.37	cps
Lead	207-1	793	777	840	803	4.09	cps
Lead	208-1	3774	3870	3807	3817	1.29	cps
Lithium	6-1	3099885	3055903	3070535	3075441	0.73	cps
Magnesium	24-2	2047	2264	2240	2184	5.45	cps
Manganese	55-2	650	647	690	662	3.64	cps
Molybdenum	94-1	810	860	1210	960	22.70	cps
Molybdenum	95-1	180	197	260	212	19.89	cps
Molybdenum	96-1	390	440	497	442	12.07	cps
Molybdenum	97-1	207	150	153	170	18.70	cps
Molybdenum	98-1	353	317	303	324	7.98	cps
Neodymium	150-1	3	13	10	9	57.30	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	197	190	237	208	12.15	cps
Phosphorus	31-2	310	347	303	320	7.29	cps
Potassium	39-2	98120	99019	98835	98658	0.48	cps
Rhodium	103-1	30176226	29980493	29575221	29910647	1.02	cps
Rhodium	103-2	17746188	17979414	17996836	17907479	0.78	cps
Scandium	45-1	17718068	17400077	17211223	17443123	1.47	cps
Scandium	45-2	1481223	1485412	1488092	1484909	0.23	cps
Selenium	82-1	1801	1833	1808	1814	0.94	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	640	673	580	631	7.49	cps
Silicon	28-1	1689018	1689407	1732680	1703702	1.47	cps
Silver	107-1	503	413	380	432	14.76	cps
Silver	109-1	287	260	247	264	7.70	cps
Sodium	23-2	77490	76847	77182	77173	0.42	cps
Strontium	86-1	700	707	727	711	1.95	cps
Strontium	88-1	977	963	990	977	1.37	cps
Sulfur	34-1	318737	316429	316222	317129	0.44	cps
Terbium	159-1	33923993	33532398	33172721	33543037	1.12	cps
Terbium	159-2	23033426	23201950	23045706	23093694	0.41	cps
Thallium	203-1	623	643	630	632	1.61	cps
Thallium	205-1	1603	1617	1527	1582	3.07	cps
Tin	118-1	3574	3921	3984	3826	5.77	cps
Titanium	47-1	260	283	333	292	12.82	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:17:09	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77	57	40	58	31.78	cps
Vanadium	51-2	37	23	37	32	23.90	cps
Yttrium	89-1	42036840	42636413	42402266	42358506	0.71	cps
Yttrium	89-2	10995781	11081414	11074976	11050724	0.43	cps
Zinc	66-2	1420	1313	1400	1378	4.12	cps
Zirconium	90-1	2270	2587	2717	2525	9.10	cps
Zirconium	91-1	530	473	593	532	11.28	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:20:27	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22857	22974	22553	22795	0.95	cps
Antimony	121-1	108713	110820	111219	110251	1.22	cps
Arsenic	75-2	3297	3280	3254	3277	0.67	cps
Barium	135-1	126318	127969	129940	128076	1.42	cps
Barium	137-1	219158	221564	223528	221417	0.99	cps
Beryllium	9-1	5345	5173	4612	5044	7.61	cps
Bismuth	209-1	18003920	18660684	18524470	18396358	1.88	cps
Bismuth	209-2	15285769	15231720	15398258	15305249	0.56	cps
Bromine	81-1	17093	16770	17310	17058	1.59	cps
Bromine	81-2	193	157	203	184	13.32	cps
Cadmium	108-1	1117	1113	1187	1139	3.64	cps
Cadmium	106-1	12249	12149	12192	12196	0.41	cps
Cadmium	111-1	22733	23156	22755	22882	1.04	cps
Calcium	43-1	77259	77406	76026	76897	0.99	cps
Calcium	44-1	1252089	1253596	1267029	1257571	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49909	50411	48798	49706	1.66	cps
Cobalt	59-2	38884	38770	39191	38948	0.56	cps
Copper	63-2	61225	61897	60893	61338	0.83	cps
Dysprosium	156-1	53	77	47	59	26.75	cps
Dysprosium	156-2	30	37	37	34	11.18	cps
Erbium	164-1	123	127	143	131	8.17	cps
Erbium	164-2	83	93	97	91	7.62	cps
Gadolinium	160-1	133	143	153	143	6.98	cps
Gadolinium	160-2	1173	1263	1180	1206	4.16	cps
Holmium	165-1	31359339	31650662	32220130	31743377	1.38	cps
Holmium	165-2	23321425	23040209	23545607	23302414	1.09	cps
Indium	115-1	29441808	30335632	30796620	30191353	2.28	cps
Indium	115-2	11003033	10822538	11058124	10961232	1.12	cps
Iron	56-2	4405136	4465874	4380602	4417204	0.99	cps
Iron	57-2	113612	113199	113008	113273	0.27	cps
Iron	54-2	249028	246754	246707	247496	0.54	cps
Krypton	83-1	430	443	383	419	7.52	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:20:27	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35479	36653	36950	36361	2.14	cps
Lead	207-1	31223	32125	32305	31884	1.82	cps
Lead	208-1	142837	145214	146765	144939	1.36	cps
Lithium	6-1	2933363	3038555	3151193	3041037	3.58	cps
Magnesium	24-2	955092	946668	956151	952637	0.55	cps
Manganese	55-2	18778	18575	18775	18710	0.62	cps
Molybdenum	94-1	120296	120810	121143	120749	0.35	cps
Molybdenum	95-1	144576	146228	146138	145648	0.64	cps
Molybdenum	96-1	162754	162593	161346	162231	0.48	cps
Molybdenum	97-1	91283	91450	91138	91290	0.17	cps
Molybdenum	98-1	231621	234559	234049	233410	0.67	cps
Neodymium	150-1	10	23	23	19	40.75	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	10103	10093	10430	10209	1.88	cps
Phosphorus	31-2	373	307	267	316	17.08	cps
Potassium	39-2	1311999	1340304	1305045	1319116	1.42	cps
Rhodium	103-1	29523585	29803817	30322145	29883182	1.36	cps
Rhodium	103-2	17883776	17810473	18019645	17904631	0.59	cps
Scandium	45-1	17041122	17554469	17582987	17392859	1.75	cps
Scandium	45-2	1475142	1464200	1466789	1468710	0.39	cps
Selenium	82-1	6315	6385	6411	6370	0.78	cps
Selenium	77-2	497	487	487	490	1.18	cps
Selenium	78-2	2354	2137	2387	2292	5.92	cps
Silicon	28-1	1969483	1992401	1966563	1976149	0.72	cps
Silver	107-1	72935	74580	75187	74234	1.57	cps
Silver	109-1	69640	72035	70718	70797	1.69	cps
Sodium	23-2	1648271	1618191	1641647	1636036	0.97	cps
Strontium	86-1	18695	19193	18755	18881	1.44	cps
Strontium	88-1	160151	161078	161985	161071	0.57	cps
Sulfur	34-1	322068	321867	321199	321712	0.14	cps
Terbium	159-1	33084961	33617701	33707062	33469908	1.00	cps
Terbium	159-2	23226735	23085025	23066286	23126016	0.38	cps
Thallium	203-1	43854	44239	43402	43831	0.96	cps
Thallium	205-1	103806	103799	102915	103507	0.49	cps
Tin	118-1	4421	4524	4194	4380	3.86	cps
Titanium	47-1	36143	35802	36410	36119	0.84	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:20:27	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	122731	124991	124409	124043	0.95	cps
Vanadium	51-2	100733	99445	101294	100491	0.94	cps
Yttrium	89-1	41145970	42138145	42447247	41910454	1.62	cps
Yttrium	89-2	10899159	10893599	11098320	10963693	1.06	cps
Zinc	66-2	25155	25088	25114	25119	0.13	cps
Zirconium	90-1	101243	102860	103102	102401	0.99	cps
Zirconium	91-1	22704	23512	22831	23016	1.89	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:23:39	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11701	11628	11588	11639	0.49	cps
Antimony	121-1	53850	55122	54376	54449	1.17	cps
Arsenic	75-2	1600	1757	1713	1690	4.79	cps
Barium	135-1	62624	62999	64097	63240	1.21	cps
Barium	137-1	107963	110351	109642	109319	1.12	cps
Beryllium	9-1	2456	2572	2617	2548	3.27	cps
Bismuth	209-1	18367276	18380534	18641100	18462970	0.84	cps
Bismuth	209-2	15432868	15386062	15210450	15343126	0.76	cps
Bromine	81-1	16850	16723	17023	16865	0.89	cps
Bromine	81-2	253	207	180	213	17.40	cps
Cadmium	108-1	517	563	520	533	4.88	cps
Cadmium	106-1	11745	11902	11435	11694	2.03	cps
Cadmium	111-1	14781	15489	14849	15040	2.60	cps
Calcium	43-1	37673	38248	38138	38020	0.80	cps
Calcium	44-1	651985	667561	666799	662115	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25562	26306	25455	25774	1.80	cps
Cobalt	59-2	19743	19803	19673	19740	0.33	cps
Copper	63-2	31894	32278	31610	31927	1.05	cps
Dysprosium	156-1	40	67	83	63	34.51	cps
Dysprosium	156-2	27	23	13	21	32.88	cps
Erbium	164-1	140	117	123	127	9.49	cps
Erbium	164-2	50	83	113	82	38.53	cps
Gadolinium	160-1	103	177	110	130	31.20	cps
Gadolinium	160-2	1310	1183	1123	1206	7.91	cps
Holmium	165-1	32447742	32656729	32967059	32690510	0.80	cps
Holmium	165-2	23258423	23428713	23197784	23294973	0.51	cps
Indium	115-1	29785728	30519167	30611248	30305381	1.49	cps
Indium	115-2	10917857	11073862	10955054	10982258	0.74	cps
Iron	56-2	2224411	2241785	2211883	2226027	0.67	cps
Iron	57-2	58413	57546	57734	57898	0.79	cps
Iron	54-2	126916	127501	127219	127212	0.23	cps
Krypton	83-1	363	390	330	361	8.32	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:23:39	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18172	18079	18519	18257	1.27	cps
Lead	207-1	15863	16066	16096	16008	0.79	cps
Lead	208-1	73001	73171	73642	73271	0.45	cps
Lithium	6-1	3091000	3040828	3128099	3086642	1.42	cps
Magnesium	24-2	482112	476458	482526	480365	0.71	cps
Manganese	55-2	9807	9887	9603	9765	1.50	cps
Molybdenum	94-1	58777	59624	60776	59726	1.68	cps
Molybdenum	95-1	70114	71581	72679	71458	1.80	cps
Molybdenum	96-1	79203	81814	81512	80843	1.77	cps
Molybdenum	97-1	43822	44869	45611	44767	2.01	cps
Molybdenum	98-1	112714	116786	117336	115612	2.18	cps
Neodymium	150-1	7	10	37	18	92.48	cps
Neodymium	150-2	13	0	13	9	86.60	cps
Nickel	60-2	5421	5458	5301	5393	1.52	cps
Phosphorus	31-2	310	263	333	302	11.79	cps
Potassium	39-2	726398	731117	724642	727386	0.46	cps
Rhodium	103-1	30043566	30088483	30348165	30160071	0.55	cps
Rhodium	103-2	17933113	18024592	17885145	17947617	0.39	cps
Scandium	45-1	17554118	17530224	17877884	17654076	1.10	cps
Scandium	45-2	1465285	1508075	1482386	1485248	1.45	cps
Selenium	82-1	4124	4217	4268	4203	1.74	cps
Selenium	77-2	230	243	210	228	7.37	cps
Selenium	78-2	1377	1387	1440	1401	2.43	cps
Silicon	28-1	1890678	1872226	1857454	1873453	0.89	cps
Silver	107-1	35416	37485	38317	37073	4.03	cps
Silver	109-1	34120	34818	35306	34748	1.72	cps
Sodium	23-2	808060	810970	810692	809907	0.20	cps
Strontium	86-1	9290	9720	9873	9628	3.14	cps
Strontium	88-1	78341	80609	80787	79912	1.71	cps
Sulfur	34-1	316436	319523	321075	319011	0.74	cps
Terbium	159-1	33394083	34108233	33433390	33645235	1.19	cps
Terbium	159-2	23138015	23117773	22892993	23049594	0.59	cps
Thallium	203-1	21637	21908	21607	21717	0.76	cps
Thallium	205-1	50895	51701	51086	51227	0.82	cps
Tin	118-1	4234	4357	4194	4262	2.00	cps
Titanium	47-1	17180	18088	18111	17793	2.98	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:23:39	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60202	61923	61668	61265	1.52	cps
Vanadium	51-2	50611	50059	49712	50127	0.91	cps
Yttrium	89-1	41841577	42562583	42547258	42317139	0.97	cps
Yttrium	89-2	11166658	11173766	11077274	11139232	0.48	cps
Zinc	66-2	13156	12866	12769	12930	1.56	cps
Zirconium	90-1	50226	52774	53012	52004	2.97	cps
Zirconium	91-1	11558	11775	11661	11665	0.93	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BL	Instrumnet Name :	P7
Client Sample ID :	PBS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:26:56	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260	287	287	278	5.54	cps
Antimony	121-1	177	270	380	276	36.94	cps
Arsenic	75-2	3	13	20	12	68.66	cps
Barium	135-1	143	117	153	138	13.76	cps
Barium	137-1	300	247	240	262	12.54	cps
Beryllium	9-1	33	56	56	48	26.66	cps
Bismuth	209-1	18384321	18827638	18775857	18662605	1.30	cps
Bismuth	209-2	15383335	15592850	15368746	15448310	0.81	cps
Bromine	81-1	17457	17874	18064	17799	1.75	cps
Bromine	81-2	237	180	193	203	14.57	cps
Cadmium	108-1	23	40	50	38	35.67	cps
Cadmium	106-1	10897	11138	10771	10935	1.70	cps
Cadmium	111-1	7649	7792	7541	7661	1.64	cps
Calcium	43-1	1103	1117	1223	1148	5.73	cps
Calcium	44-1	70153	70507	70424	70361	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1810	1687	1797	1765	3.84	cps
Cobalt	59-2	337	303	280	307	9.29	cps
Copper	63-2	2430	2587	2634	2550	4.18	cps
Dysprosium	156-1	33	53	67	51	32.83	cps
Dysprosium	156-2	20	23	3	16	68.90	cps
Erbium	164-1	157	100	133	130	21.91	cps
Erbium	164-2	100	107	103	103	3.23	cps
Gadolinium	160-1	147	160	113	140	17.17	cps
Gadolinium	160-2	1000	1233	1293	1176	13.18	cps
Holmium	165-1	32154875	32683800	33012310	32616995	1.33	cps
Holmium	165-2	23386335	23449453	23106891	23314227	0.78	cps
Indium	115-1	30601394	30932207	30982622	30838741	0.67	cps
Indium	115-2	10943401	10966791	10921725	10943972	0.21	cps
Iron	56-2	27652	27322	27221	27398	0.82	cps
Iron	57-2	2033	1920	1927	1960	3.24	cps
Iron	54-2	4764	4461	4497	4574	3.62	cps
Krypton	83-1	387	400	280	356	18.50	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BL	Instrumnet Name :	P7
Client Sample ID :	PBS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:26:56	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	887	800	887	858	5.83	cps
Lead	207-1	690	673	727	697	3.92	cps
Lead	208-1	3350	3304	3340	3331	0.74	cps
Lithium	6-1	3104744	3107947	3169310	3127334	1.16	cps
Magnesium	24-2	2174	2164	2197	2178	0.79	cps
Manganese	55-2	567	610	713	630	11.96	cps
Molybdenum	94-1	747	877	1013	879	15.17	cps
Molybdenum	95-1	150	110	130	130	15.38	cps
Molybdenum	96-1	377	313	347	346	9.17	cps
Molybdenum	97-1	117	80	113	103	19.62	cps
Molybdenum	98-1	230	187	237	218	12.47	cps
Neodymium	150-1	17	0	7	8	107.84	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	140	217	173	177	21.76	cps
Phosphorus	31-2	287	333	290	303	8.58	cps
Potassium	39-2	94035	94564	94169	94256	0.29	cps
Rhodium	103-1	29860780	30663783	30762930	30429164	1.63	cps
Rhodium	103-2	18074104	17958536	18146495	18059712	0.52	cps
Scandium	45-1	17501608	17806818	17774908	17694445	0.95	cps
Scandium	45-2	1489626	1471500	1489278	1483468	0.70	cps
Selenium	82-1	1925	1904	2054	1961	4.13	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	640	653	600	631	4.40	cps
Silicon	28-1	1762791	1764437	1733322	1753517	1.00	cps
Silver	107-1	330	367	287	328	12.22	cps
Silver	109-1	310	233	297	280	14.63	cps
Sodium	23-2	70176	69904	70651	70244	0.54	cps
Strontium	86-1	613	730	640	661	9.25	cps
Strontium	88-1	1027	997	920	981	5.61	cps
Sulfur	34-1	326309	324369	327542	326073	0.49	cps
Terbium	159-1	33559192	33868110	34168901	33865401	0.90	cps
Terbium	159-2	23530960	23581151	23312904	23475005	0.61	cps
Thallium	203-1	407	393	403	401	1.73	cps
Thallium	205-1	967	970	823	920	9.10	cps
Tin	118-1	3781	3881	3894	3852	1.61	cps
Titanium	47-1	250	217	250	239	8.06	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BL	Instrumnet Name :	P7
Client Sample ID :	PBS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:26:56	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	47	30	43	27.73	cps
Vanadium	51-2	27	23	47	32	39.17	cps
Yttrium	89-1	42237374	43461326	43059481	42919394	1.45	cps
Yttrium	89-2	11211342	11030683	11044768	11095598	0.91	cps
Zinc	66-2	1367	1317	1383	1356	2.56	cps
Zirconium	90-1	2264	2187	2504	2318	7.13	cps
Zirconium	91-1	447	507	563	506	11.54	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BS	Instrumnet Name :	P7
Client Sample ID :	LCS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:30:11	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23605	23778	23108	23497	1.48	cps
Antimony	121-1	112553	114565	115147	114088	1.19	cps
Arsenic	75-2	3427	3620	3277	3442	5.00	cps
Barium	135-1	129970	131944	132859	131591	1.12	cps
Barium	137-1	223556	226203	229562	226440	1.33	cps
Beryllium	9-1	5429	5507	5501	5479	0.79	cps
Bismuth	209-1	18617832	19113262	18452168	18727754	1.84	cps
Bismuth	209-2	15460402	15438591	15411182	15436725	0.16	cps
Bromine	81-1	18121	18018	18408	18182	1.11	cps
Bromine	81-2	203	200	230	211	7.79	cps
Cadmium	108-1	1137	1193	1100	1143	4.11	cps
Cadmium	106-1	12889	12786	12569	12748	1.28	cps
Cadmium	111-1	23782	23640	23810	23744	0.38	cps
Calcium	43-1	77497	78746	78977	78407	1.02	cps
Calcium	44-1	1312380	1327749	1282572	1307567	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51444	51996	51434	51625	0.62	cps
Cobalt	59-2	41598	40508	40692	40932	1.42	cps
Copper	63-2	63397	62865	64297	63520	1.14	cps
Dysprosium	156-1	40	90	37	56	53.77	cps
Dysprosium	156-2	20	30	27	26	19.92	cps
Erbium	164-1	120	147	137	134	10.02	cps
Erbium	164-2	117	103	100	107	8.27	cps
Gadolinium	160-1	160	193	203	186	12.23	cps
Gadolinium	160-2	1260	1247	1293	1267	1.90	cps
Holmium	165-1	32978778	33153035	32475478	32869097	1.07	cps
Holmium	165-2	23241075	23623632	23503725	23456144	0.83	cps
Indium	115-1	30920911	31029361	30633785	30861353	0.66	cps
Indium	115-2	11084931	10988696	10961943	11011856	0.59	cps
Iron	56-2	4560178	4643871	4488507	4564185	1.70	cps
Iron	57-2	117105	118570	116806	117494	0.80	cps
Iron	54-2	259599	256508	258160	258089	0.60	cps
Krypton	83-1	323	367	417	369	12.66	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BS	Instrumnet Name :	P7
Client Sample ID :	LCS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:30:11	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	37194	37020	37194	37136	0.27	cps
Lead	207-1	32188	33070	33461	32907	1.98	cps
Lead	208-1	147995	149541	149191	148909	0.54	cps
Lithium	6-1	3108012	3206094	3229665	3181257	2.03	cps
Magnesium	24-2	996192	1002768	994532	997831	0.44	cps
Manganese	55-2	19660	19676	19082	19473	1.74	cps
Molybdenum	94-1	123321	124453	125970	124581	1.07	cps
Molybdenum	95-1	147747	151949	152108	150601	1.64	cps
Molybdenum	96-1	164807	167231	168910	166983	1.24	cps
Molybdenum	97-1	93168	94076	94748	93997	0.84	cps
Molybdenum	98-1	237529	243806	243471	241602	1.46	cps
Neodymium	150-1	30	27	23	27	12.51	cps
Neodymium	150-2	17	17	7	13	43.29	cps
Nickel	60-2	10100	10711	10861	10557	3.82	cps
Phosphorus	31-2	340	320	340	333	3.46	cps
Potassium	39-2	1355206	1376316	1368533	1366685	0.78	cps
Rhodium	103-1	30305093	30646305	30657975	30536458	0.66	cps
Rhodium	103-2	18191779	18144863	18144196	18160280	0.15	cps
Scandium	45-1	18152418	17918524	18046038	18038994	0.65	cps
Scandium	45-2	1514062	1521885	1531665	1522537	0.58	cps
Selenium	82-1	6760	6751	6633	6715	1.05	cps
Selenium	77-2	477	410	493	460	9.59	cps
Selenium	78-2	2164	2227	2177	2189	1.53	cps
Silicon	28-1	1991374	1979202	2003666	1991414	0.61	cps
Silver	107-1	75589	78594	78806	77663	2.32	cps
Silver	109-1	72350	72966	73321	72879	0.67	cps
Sodium	23-2	1670279	1681183	1724357	1691940	1.69	cps
Strontium	86-1	19353	20101	19740	19731	1.89	cps
Strontium	88-1	163859	168045	166319	166074	1.27	cps
Sulfur	34-1	337006	340709	340600	339438	0.62	cps
Terbium	159-1	33934452	34455664	34268045	34219387	0.77	cps
Terbium	159-2	23511376	23485163	23359789	23452109	0.35	cps
Thallium	203-1	44496	45292	44803	44864	0.89	cps
Thallium	205-1	106890	107860	108354	107701	0.69	cps
Tin	118-1	4597	4698	4387	4561	3.47	cps
Titanium	47-1	36882	38088	37045	37338	1.75	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BS	Instrumnet Name :	P7
Client Sample ID :	LCS659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:30:11	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	126834	127851	129504	128063	1.05	cps
Vanadium	51-2	104153	104029	103918	104033	0.11	cps
Yttrium	89-1	43035293	43391084	43495171	43307183	0.56	cps
Yttrium	89-2	11317240	11178852	11100325	11198806	0.98	cps
Zinc	66-2	25408	25679	25308	25465	0.75	cps
Zirconium	90-1	105012	106194	105868	105691	0.58	cps
Zirconium	91-1	23052	23592	23683	23442	1.46	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:33:33	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11478	11141	11768	11462	2.74	cps
Antimony	121-1	54064	55343	55761	55056	1.61	cps
Arsenic	75-2	1537	1620	1747	1635	6.47	cps
Barium	135-1	63752	65285	63618	64218	1.44	cps
Barium	137-1	107906	110344	109222	109158	1.12	cps
Beryllium	9-1	2456	2556	2673	2561	4.23	cps
Bismuth	209-1	18877858	18930969	18950991	18919939	0.20	cps
Bismuth	209-2	15481547	15373824	15313656	15389676	0.55	cps
Bromine	81-1	18004	18021	18148	18058	0.43	cps
Bromine	81-2	207	147	187	180	16.97	cps
Cadmium	108-1	553	657	553	588	10.15	cps
Cadmium	106-1	11972	12035	11308	11772	3.42	cps
Cadmium	111-1	15431	15647	15110	15396	1.75	cps
Calcium	43-1	37684	38221	38512	38139	1.10	cps
Calcium	44-1	665966	674198	675260	671808	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26053	25942	25428	25808	1.29	cps
Cobalt	59-2	19913	19005	19373	19430	2.35	cps
Copper	63-2	31961	32181	32302	32148	0.54	cps
Dysprosium	156-1	23	33	37	31	22.31	cps
Dysprosium	156-2	13	27	13	18	43.33	cps
Erbium	164-1	127	120	140	129	7.90	cps
Erbium	164-2	93	103	83	93	10.71	cps
Gadolinium	160-1	157	90	167	138	30.25	cps
Gadolinium	160-2	1263	1110	1170	1181	6.54	cps
Holmium	165-1	32494200	32618605	32585625	32566143	0.20	cps
Holmium	165-2	23053915	23266658	23314983	23211852	0.60	cps
Indium	115-1	30749371	31188891	30742886	30893716	0.83	cps
Indium	115-2	10990835	10962270	11010321	10987809	0.22	cps
Iron	56-2	2212696	2222326	2208878	2214633	0.31	cps
Iron	57-2	57951	57694	57051	57565	0.81	cps
Iron	54-2	126102	126462	125185	125916	0.52	cps
Krypton	83-1	323	413	377	371	12.19	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:33:33	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18666	18957	18710	18777	0.83	cps
Lead	207-1	16320	16196	15953	16156	1.16	cps
Lead	208-1	74473	76038	74370	74960	1.25	cps
Lithium	6-1	3213258	3267781	3232176	3237738	0.86	cps
Magnesium	24-2	482066	485016	483672	483585	0.31	cps
Manganese	55-2	9523	9827	9780	9710	1.68	cps
Molybdenum	94-1	59718	60534	60411	60221	0.73	cps
Molybdenum	95-1	71594	72341	73426	72454	1.27	cps
Molybdenum	96-1	81656	81700	82397	81918	0.51	cps
Molybdenum	97-1	45023	45511	46353	45629	1.48	cps
Molybdenum	98-1	115032	118193	116090	116438	1.38	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	13	13	3	10	57.75	cps
Nickel	60-2	5134	5408	5104	5215	3.21	cps
Phosphorus	31-2	287	323	293	301	6.49	cps
Potassium	39-2	721216	724341	722327	722628	0.22	cps
Rhodium	103-1	30017582	30349360	30286160	30217701	0.58	cps
Rhodium	103-2	17993660	18183094	18043436	18073397	0.54	cps
Scandium	45-1	17650618	17879117	17820258	17783331	0.67	cps
Scandium	45-2	1490799	1478802	1491737	1487113	0.49	cps
Selenium	82-1	4138	4243	4191	4191	1.25	cps
Selenium	77-2	250	223	220	231	7.12	cps
Selenium	78-2	1347	1370	1537	1418	7.31	cps
Silicon	28-1	1823698	1853928	1861920	1846515	1.09	cps
Silver	107-1	36546	37936	37980	37487	2.18	cps
Silver	109-1	34591	36175	35948	35571	2.41	cps
Sodium	23-2	811685	811611	810933	811409	0.05	cps
Strontium	86-1	9853	9820	10104	9926	1.56	cps
Strontium	88-1	80680	80871	81129	80893	0.28	cps
Sulfur	34-1	340150	341568	341183	340967	0.22	cps
Terbium	159-1	34248027	34018142	33735660	34000609	0.75	cps
Terbium	159-2	23183455	23146801	23002219	23110825	0.41	cps
Thallium	203-1	21747	21764	22048	21853	0.77	cps
Thallium	205-1	51581	51822	52086	51829	0.49	cps
Tin	118-1	3891	4091	4161	4047	3.46	cps
Titanium	47-1	17797	17954	17784	17845	0.53	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164659BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD659	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:33:33	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60902	62599	60597	61366	1.76	cps
Vanadium	51-2	50029	51016	50163	50403	1.06	cps
Yttrium	89-1	42520994	43318538	43102844	42980792	0.96	cps
Yttrium	89-2	10982152	11089876	10935740	11002589	0.72	cps
Zinc	66-2	13123	12829	12889	12947	1.20	cps
Zirconium	90-1	51068	51523	51995	51529	0.90	cps
Zirconium	91-1	11034	11465	11361	11287	1.99	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-01	Instrumnet Name :	P7
Client Sample ID :	MYE557	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:36:46	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19173341	19585462	19332902	19363902	1.07	cps
Antimony	121-1	39307	40631	41546	40495	2.78	cps
Arsenic	75-2	139512	139632	139525	139557	0.05	cps
Barium	135-1	2108218	2117051	2146013	2123761	0.93	cps
Barium	137-1	3535942	3678791	3720247	3644993	2.65	cps
Beryllium	9-1	3545	3523	3500	3523	0.63	cps
Bismuth	209-1	18511961	18276744	18454208	18414304	0.67	cps
Bismuth	209-2	14797706	14982371	14875335	14885138	0.62	cps
Bromine	81-1	33388	34520	34671	34193	2.05	cps
Bromine	81-2	3520	3480	3640	3547	2.35	cps
Cadmium	108-1	807	853	853	838	3.22	cps
Cadmium	106-1	12842	12352	12262	12485	2.50	cps
Cadmium	111-1	14573	14434	14834	14614	1.39	cps
Calcium	43-1	666825	682487	678548	675953	1.21	cps
Calcium	44-1	10555435	10846343	10821880	10741219	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	732898	734130	727348	731459	0.49	cps
Cobalt	59-2	633307	631842	627836	630995	0.45	cps
Copper	63-2	2043652	2037882	2059447	2046994	0.55	cps
Dysprosium	156-1	152724	158477	159943	157048	2.43	cps
Dysprosium	156-2	131966	134335	134736	133679	1.12	cps
Erbium	164-1	112664	117528	117388	115860	2.39	cps
Erbium	164-2	80550	82398	82123	81690	1.22	cps
Gadolinium	160-1	140948	146437	149068	145484	2.85	cps
Gadolinium	160-2	109588	109544	108355	109163	0.64	cps
Holmium	165-1	32656768	33289220	33541517	33162501	1.37	cps
Holmium	165-2	23180435	23180836	23338201	23233158	0.39	cps
Indium	115-1	29871753	29595288	29835420	29767487	0.50	cps
Indium	115-2	10342640	10531375	10568452	10480822	1.16	cps
Iron	56-2	752977482	752649882	740676922	748768096	0.94	cps
Iron	57-2	18592705	18690658	18475200	18586188	0.58	cps
Iron	54-2	40596364	40616033	40488330	40566909	0.17	cps
Krypton	83-1	617	557	587	587	5.11	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-01	Instrumnet Name :	P7
Client Sample ID :	MYE557	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:36:46	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	689028	731165	735496	718563	3.57	cps
Lead	207-1	608276	628458	639235	625323	2.51	cps
Lead	208-1	2729161	2850610	2904106	2827959	3.17	cps
Lithium	6-1	3142016	3064464	3023545	3076675	1.96	cps
Magnesium	24-2	12743526	12857182	12802202	12800970	0.44	cps
Manganese	55-2	13646365	13744829	13665494	13685563	0.38	cps
Molybdenum	94-1	161969	166909	167321	165399	1.80	cps
Molybdenum	95-1	12962	13760	13877	13533	3.68	cps
Molybdenum	96-1	47146	48300	48069	47838	1.28	cps
Molybdenum	97-1	7939	8756	8002	8232	5.52	cps
Molybdenum	98-1	20561	21726	21309	21199	2.78	cps
Neodymium	150-1	288518	299707	302007	296744	2.43	cps
Neodymium	150-2	177630	179616	180098	179115	0.73	cps
Nickel	60-2	283727	281667	281983	282459	0.39	cps
Phosphorus	31-2	48259	47427	47828	47838	0.87	cps
Potassium	39-2	8553238	8558623	8456559	8522806	0.67	cps
Rhodium	103-1	29546165	29355540	29297852	29399852	0.44	cps
Rhodium	103-2	17242629	17217224	17498277	17319377	0.90	cps
Scandium	45-1	18015445	17597338	17568286	17727023	1.41	cps
Scandium	45-2	1459500	1476767	1474104	1470124	0.63	cps
Selenium	82-1	2173	2245	2209	2209	1.64	cps
Selenium	77-2	697	607	650	651	6.91	cps
Selenium	78-2	1030	1240	1157	1142	9.26	cps
Silicon	28-1	85103869	88719672	88031302	87284948	2.20	cps
Silver	107-1	8879	8953	8246	8693	4.47	cps
Silver	109-1	8733	8609	8179	8507	3.42	cps
Sodium	23-2	267049	265418	264478	265649	0.49	cps
Strontium	86-1	594637	614726	610827	606730	1.76	cps
Strontium	88-1	5360451	5481164	5505437	5449018	1.43	cps
Sulfur	34-1	342602	318518	303406	321509	6.15	cps
Terbium	159-1	33964477	33731116	34841529	34179041	1.71	cps
Terbium	159-2	23044467	23156660	22906268	23035798	0.54	cps
Thallium	203-1	8820	9033	8606	8820	2.42	cps
Thallium	205-1	21530	20889	21163	21194	1.52	cps
Tin	118-1	63061	63690	64092	63614	0.82	cps
Titanium	47-1	2081208	2187780	2175539	2148176	2.71	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-01	Instrumnet Name :	P7
Client Sample ID :	MYE557	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:36:46	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55294	58592	59365	57750	3.74	cps
Vanadium	51-2	1270421	1250407	1266084	1262304	0.83	cps
Yttrium	89-1	43455624	43635108	43480446	43523726	0.22	cps
Yttrium	89-2	10931502	11026901	11075807	11011403	0.67	cps
Zinc	66-2	475843	478193	479053	477697	0.35	cps
Zirconium	90-1	419850	440693	437177	432573	2.58	cps
Zirconium	91-1	93452	96729	97390	95857	2.20	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-02	Instrumnet Name :	P7
Client Sample ID :	MYE558	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:39:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28369019	28201965	28222667	28264550	0.32	cps
Antimony	121-1	54078	56443	56243	55588	2.36	cps
Arsenic	75-2	183344	183729	184374	183815	0.28	cps
Barium	135-1	3478511	3586481	3531170	3532054	1.53	cps
Barium	137-1	5879510	6156769	5952546	5996275	2.40	cps
Beryllium	9-1	4051	4278	4240	4190	2.91	cps
Bismuth	209-1	17991849	18547591	18542680	18360707	1.74	cps
Bismuth	209-2	14697309	14914712	14802930	14804984	0.73	cps
Bromine	81-1	35623	37481	37955	37020	3.33	cps
Bromine	81-2	4184	4474	4567	4408	4.54	cps
Cadmium	108-1	777	860	843	827	5.33	cps
Cadmium	106-1	12509	12852	12699	12687	1.36	cps
Cadmium	111-1	11516	11598	11529	11548	0.38	cps
Calcium	43-1	1312118	1345059	1324879	1327352	1.25	cps
Calcium	44-1	21110641	21569141	21437020	21372267	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1102075	1101328	1096262	1099888	0.29	cps
Cobalt	59-2	1027185	1024470	1016886	1022847	0.52	cps
Copper	63-2	1900278	1829996	1897097	1875790	2.12	cps
Dysprosium	156-1	220533	227425	224693	224217	1.55	cps
Dysprosium	156-2	191209	191619	190791	191206	0.22	cps
Erbium	164-1	167104	170176	171337	169539	1.29	cps
Erbium	164-2	117207	116622	116719	116849	0.27	cps
Gadolinium	160-1	206561	210915	211317	209598	1.26	cps
Gadolinium	160-2	153787	153942	154576	154101	0.27	cps
Holmium	165-1	32104285	33220232	33396833	32907117	2.13	cps
Holmium	165-2	23283605	23388090	23070957	23247550	0.70	cps
Indium	115-1	28850883	30035430	29781464	29555926	2.11	cps
Indium	115-2	10593291	10515296	10452479	10520356	0.67	cps
Iron	56-2	1140357796	1117516063	1114638863	1124170908	1.25	cps
Iron	57-2	27803714	28002139	27656677	27820843	0.62	cps
Iron	54-2	61788984	60796136	60889106	61158075	0.90	cps
Krypton	83-1	630	723	637	663	7.85	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-02	Instrumnet Name :	P7
Client Sample ID :	MYE558	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:39:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	511001	522290	521632	518308	1.22	cps
Lead	207-1	424083	433006	433700	430263	1.25	cps
Lead	208-1	1961967	2012755	2010430	1995051	1.44	cps
Lithium	6-1	2735111	2697666	2847316	2760031	2.82	cps
Magnesium	24-2	21102167	21419229	21376663	21299353	0.81	cps
Manganese	55-2	23031014	22829844	22717000	22859286	0.70	cps
Molybdenum	94-1	293141	300450	303628	299073	1.80	cps
Molybdenum	95-1	17587	18061	17781	17810	1.34	cps
Molybdenum	96-1	78083	78704	78251	78346	0.41	cps
Molybdenum	97-1	10781	11041	10928	10916	1.20	cps
Molybdenum	98-1	27202	27402	27786	27464	1.08	cps
Neodymium	150-1	434503	446966	439370	440280	1.43	cps
Neodymium	150-2	261847	262002	259430	261093	0.55	cps
Nickel	60-2	478517	476080	477781	477459	0.26	cps
Phosphorus	31-2	56541	57604	57732	57292	1.14	cps
Potassium	39-2	8081842	8163809	8205204	8150285	0.77	cps
Rhodium	103-1	27448116	28963145	29322344	28577868	3.48	cps
Rhodium	103-2	17410465	17503857	17179958	17364760	0.96	cps
Scandium	45-1	16804145	17796182	17769401	17456576	3.24	cps
Scandium	45-2	1537590	1519895	1533262	1530249	0.60	cps
Selenium	82-1	2222	2155	2130	2169	2.19	cps
Selenium	77-2	793	887	847	842	5.56	cps
Selenium	78-2	1427	1360	1403	1397	2.42	cps
Silicon	28-1	69845186	70633459	70584319	70354321	0.63	cps
Silver	107-1	4931	5128	5161	5073	2.45	cps
Silver	109-1	4214	4327	4654	4398	5.20	cps
Sodium	23-2	588580	582870	586754	586068	0.50	cps
Strontium	86-1	933178	953336	958019	948178	1.39	cps
Strontium	88-1	8410431	8555703	8549714	8505283	0.97	cps
Sulfur	34-1	251212	251131	247365	249903	0.88	cps
Terbium	159-1	33508139	34901715	34224463	34211439	2.04	cps
Terbium	159-2	23269622	23036769	22940705	23082365	0.73	cps
Thallium	203-1	11488	11545	12065	11700	2.72	cps
Thallium	205-1	27404	28256	28280	27980	1.78	cps
Tin	118-1	54519	56838	55624	55660	2.08	cps
Titanium	47-1	3396466	3437950	3444538	3426318	0.76	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-02	Instrumnet Name :	P7
Client Sample ID :	MYE558	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:39:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100519	102548	102468	101845	1.13	cps
Vanadium	51-2	1935280	1895447	1913918	1914882	1.04	cps
Yttrium	89-1	42887024	44898884	44708349	44164753	2.51	cps
Yttrium	89-2	11648137	11691892	11495290	11611773	0.89	cps
Zinc	66-2	440736	441219	444509	442155	0.46	cps
Zirconium	90-1	772648	795809	792258	786905	1.59	cps
Zirconium	91-1	173331	176326	175243	174966	0.87	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-03	Instrumnet Name :	P7
Client Sample ID :	MYE559	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:42:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23587304	23884788	23378280	23616790	1.08	cps
Antimony	121-1	31201	32250	32420	31957	2.07	cps
Arsenic	75-2	196746	194362	196240	195782	0.64	cps
Barium	135-1	2947374	2988056	2972708	2969379	0.69	cps
Barium	137-1	4945067	5014198	5149364	5036210	2.06	cps
Beryllium	9-1	3406	3489	3550	3482	2.08	cps
Bismuth	209-1	18252436	18389004	18533252	18391564	0.76	cps
Bismuth	209-2	14584134	14533374	14655894	14591134	0.42	cps
Bromine	81-1	31260	33034	33645	32646	3.79	cps
Bromine	81-2	3414	3467	3464	3448	0.87	cps
Cadmium	108-1	1127	1233	1160	1173	4.65	cps
Cadmium	106-1	12826	13033	12809	12889	0.97	cps
Cadmium	111-1	14431	15174	14713	14773	2.54	cps
Calcium	43-1	862947	877372	880097	873472	1.06	cps
Calcium	44-1	13735258	13814658	13849334	13799750	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1019144	1012281	1018844	1016757	0.38	cps
Cobalt	59-2	864226	854784	858160	859057	0.56	cps
Copper	63-2	2255310	2241336	2222449	2239698	0.74	cps
Dysprosium	156-1	199834	204400	204907	203047	1.38	cps
Dysprosium	156-2	175134	175522	176157	175604	0.29	cps
Erbium	164-1	149916	156656	157389	154653	2.66	cps
Erbium	164-2	110483	109928	110318	110243	0.26	cps
Gadolinium	160-1	183763	189457	190781	188000	1.98	cps
Gadolinium	160-2	140156	139281	140295	139911	0.39	cps
Holmium	165-1	33148576	33242020	33392771	33261122	0.37	cps
Holmium	165-2	22388711	22419536	22684397	22497548	0.72	cps
Indium	115-1	29426619	29637334	30182323	29748759	1.31	cps
Indium	115-2	10216363	10179870	10367308	10254513	0.97	cps
Iron	56-2	919900413	920195400	919915000	920003604	0.02	cps
Iron	57-2	22753846	22545442	22501985	22600424	0.60	cps
Iron	54-2	50269351	49845449	50473174	50195991	0.64	cps
Krypton	83-1	580	583	653	606	6.84	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-03	Instrumnet Name :	P7
Client Sample ID :	MYE559	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:42:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	781380	816943	813926	804083	2.45	cps
Lead	207-1	678555	699608	706223	694796	2.08	cps
Lead	208-1	3083318	3198766	3206282	3162789	2.18	cps
Lithium	6-1	2766236	2613945	2685664	2688615	2.83	cps
Magnesium	24-2	17543346	17544308	17315020	17467558	0.76	cps
Manganese	55-2	17852626	17891025	18101280	17948310	0.75	cps
Molybdenum	94-1	337444	347221	348826	344497	1.79	cps
Molybdenum	95-1	12619	13206	12592	12806	2.71	cps
Molybdenum	96-1	77883	79106	79431	78806	1.04	cps
Molybdenum	97-1	7762	7745	7789	7765	0.28	cps
Molybdenum	98-1	19590	19657	20331	19859	2.06	cps
Neodymium	150-1	393133	403288	406845	401089	1.77	cps
Neodymium	150-2	243698	241754	239456	241636	0.88	cps
Nickel	60-2	475924	473914	475249	475029	0.22	cps
Phosphorus	31-2	57869	57939	57999	57936	0.11	cps
Potassium	39-2	9652811	9890008	9793383	9778734	1.22	cps
Rhodium	103-1	28719796	29176004	29023659	28973153	0.80	cps
Rhodium	103-2	16907081	16617729	17080338	16868383	1.39	cps
Scandium	45-1	17590036	17448313	17262403	17433584	0.94	cps
Scandium	45-2	1448675	1472194	1485585	1468818	1.27	cps
Selenium	82-1	2291	2044	2040	2125	6.76	cps
Selenium	77-2	800	743	800	781	4.19	cps
Selenium	78-2	1260	1267	1330	1286	3.01	cps
Silicon	28-1	93631732	96422435	96108529	95387565	1.60	cps
Silver	107-1	9563	10100	9883	9849	2.74	cps
Silver	109-1	8676	9106	8856	8879	2.43	cps
Sodium	23-2	273367	271696	272892	272652	0.32	cps
Strontium	86-1	804882	823886	831328	820032	1.66	cps
Strontium	88-1	7239822	7399553	7365517	7334964	1.15	cps
Sulfur	34-1	263661	259325	258450	260479	1.07	cps
Terbium	159-1	34217120	34280924	34500070	34332705	0.43	cps
Terbium	159-2	22244699	22217191	22748917	22403602	1.34	cps
Thallium	203-1	10284	11071	11068	10808	4.20	cps
Thallium	205-1	24669	25751	26062	25494	2.87	cps
Tin	118-1	57933	58776	60945	59218	2.62	cps
Titanium	47-1	3241397	3267509	3268345	3259084	0.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-03	Instrumnet Name :	P7
Client Sample ID :	MYE559	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:42:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	74802	77970	78949	77240	2.81	cps
Vanadium	51-2	1701927	1696370	1739087	1712462	1.36	cps
Yttrium	89-1	43981379	44639783	44512921	44378028	0.79	cps
Yttrium	89-2	11085018	11002285	11189073	11092125	0.84	cps
Zinc	66-2	504760	504096	505640	504832	0.15	cps
Zirconium	90-1	894257	917512	928349	913373	1.91	cps
Zirconium	91-1	199129	204387	205636	203051	1.70	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-04	Instrumnet Name :	P7
Client Sample ID :	MYE560	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:45:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16489913	16736862	16614327	16613701	0.74	cps
Antimony	121-1	36777	39163	38709	38216	3.32	cps
Arsenic	75-2	131022	132206	130239	131155	0.76	cps
Barium	135-1	2520669	2603139	2612407	2578738	1.96	cps
Barium	137-1	4288714	4495700	4422737	4402383	2.38	cps
Beryllium	9-1	2684	2672	2550	2635	2.81	cps
Bismuth	209-1	19001647	19468502	19052158	19174102	1.34	cps
Bismuth	209-2	15452056	15393387	15281356	15375600	0.56	cps
Bromine	81-1	24951	26327	26090	25789	2.85	cps
Bromine	81-2	2104	2064	1967	2045	3.44	cps
Cadmium	108-1	1140	1020	1147	1102	6.47	cps
Cadmium	106-1	12902	12963	12295	12720	2.90	cps
Cadmium	111-1	17530	18200	17587	17772	2.09	cps
Calcium	43-1	477015	496011	496662	489896	2.28	cps
Calcium	44-1	7615567	7807030	7906624	7776407	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	810540	811142	804156	808613	0.48	cps
Cobalt	59-2	768345	771230	766724	768766	0.30	cps
Copper	63-2	2625657	2660802	2612223	2632894	0.95	cps
Dysprosium	156-1	161212	169763	169996	166990	3.00	cps
Dysprosium	156-2	145259	145334	144097	144897	0.48	cps
Erbium	164-1	118004	123789	125535	122443	3.22	cps
Erbium	164-2	86623	86066	86543	86411	0.35	cps
Gadolinium	160-1	146538	152312	153424	150758	2.45	cps
Gadolinium	160-2	112454	113018	112750	112741	0.25	cps
Holmium	165-1	33591197	33618475	34175134	33794936	0.98	cps
Holmium	165-2	23573534	23652093	23728440	23651356	0.33	cps
Indium	115-1	30741456	30749180	30362183	30617606	0.72	cps
Indium	115-2	10645692	10769947	10751887	10722509	0.63	cps
Iron	56-2	736303189	738650629	742517296	739157038	0.42	cps
Iron	57-2	18048854	18354384	18219475	18207571	0.84	cps
Iron	54-2	39541156	40104435	40139327	39928306	0.84	cps
Krypton	83-1	587	620	630	612	3.71	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-04	Instrumnet Name :	P7
Client Sample ID :	MYE560	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:45:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1074407	1122250	1122086	1106248	2.49	cps
Lead	207-1	921893	952350	989091	954444	3.53	cps
Lead	208-1	4200404	4381481	4437136	4339674	2.85	cps
Lithium	6-1	2727925	2710934	2789980	2742946	1.52	cps
Magnesium	24-2	14463728	14223508	14258929	14315388	0.91	cps
Manganese	55-2	16308347	16595584	16640220	16514717	1.09	cps
Molybdenum	94-1	212594	222592	225327	220171	3.04	cps
Molybdenum	95-1	11975	11651	12108	11912	1.97	cps
Molybdenum	96-1	54471	56321	57724	56172	2.90	cps
Molybdenum	97-1	6965	7542	7652	7386	5.00	cps
Molybdenum	98-1	17691	18645	19186	18507	4.09	cps
Neodymium	150-1	321368	337065	342776	333736	3.32	cps
Neodymium	150-2	200447	202006	200365	200939	0.46	cps
Nickel	60-2	385329	385662	386489	385827	0.15	cps
Phosphorus	31-2	45966	45648	47029	46214	1.56	cps
Potassium	39-2	7055543	7127577	7057554	7080225	0.58	cps
Rhodium	103-1	29735882	30150695	29786289	29890955	0.76	cps
Rhodium	103-2	17759470	17749206	17652077	17720251	0.33	cps
Scandium	45-1	17423704	17484538	17304346	17404196	0.53	cps
Scandium	45-2	1515505	1499540	1516108	1510384	0.62	cps
Selenium	82-1	2122	2117	2207	2149	2.35	cps
Selenium	77-2	680	713	640	678	5.42	cps
Selenium	78-2	1103	1213	1177	1165	4.81	cps
Silicon	28-1	92072945	95765712	94510892	94116516	2.00	cps
Silver	107-1	12579	13450	13750	13259	4.59	cps
Silver	109-1	11788	12305	12862	12319	4.36	cps
Sodium	23-2	249470	249630	248038	249046	0.35	cps
Strontium	86-1	481344	502341	510475	498053	3.02	cps
Strontium	88-1	4328470	4466444	4547266	4447394	2.49	cps
Sulfur	34-1	229446	225272	223568	226095	1.34	cps
Terbium	159-1	34873056	34857188	35251149	34993798	0.64	cps
Terbium	159-2	23382304	23917297	23909711	23736437	1.29	cps
Thallium	203-1	10688	11008	10951	10882	1.57	cps
Thallium	205-1	24666	26302	25441	25469	3.21	cps
Tin	118-1	52683	55095	56226	54668	3.31	cps
Titanium	47-1	2742457	2825553	2851537	2806515	2.03	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-04	Instrumnet Name :	P7
Client Sample ID :	MYE560	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:45:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	62710	64267	65380	64119	2.09	cps
Vanadium	51-2	1397845	1387749	1362945	1382846	1.30	cps
Yttrium	89-1	44445109	44463996	44813253	44574119	0.47	cps
Yttrium	89-2	11350414	11278783	11266524	11298574	0.40	cps
Zinc	66-2	469981	470016	461735	467244	1.02	cps
Zirconium	90-1	568254	592425	598687	586455	2.74	cps
Zirconium	91-1	126446	133117	132717	130760	2.86	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-05	Instrumnet Name :	P7
Client Sample ID :	MYE561	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:48:54	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33871670	34238579	33980627	34030292	0.55	cps
Antimony	121-1	35928	37710	37445	37028	2.60	cps
Arsenic	75-2	343893	343945	341904	343247	0.34	cps
Barium	135-1	2469732	2534543	2505579	2503284	1.30	cps
Barium	137-1	4251090	4267248	4287405	4268581	0.43	cps
Beryllium	9-1	2322	2178	2328	2276	3.74	cps
Bismuth	209-1	17623893	18592566	18845412	18353957	3.51	cps
Bismuth	209-2	14703449	14770442	14915169	14796353	0.73	cps
Bromine	81-1	20491	20715	20918	20708	1.03	cps
Bromine	81-2	1430	1363	1360	1385	2.85	cps
Cadmium	108-1	657	627	617	633	3.29	cps
Cadmium	106-1	12372	12098	12062	12177	1.39	cps
Cadmium	111-1	10731	10804	10505	10680	1.46	cps
Calcium	43-1	11618406	11721175	11653649	11664410	0.45	cps
Calcium	44-1	185493471	191051610	188269777	188271619	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9023826	9044426	9022797	9030349	0.14	cps
Cobalt	59-2	2391830	2429317	2420398	2413848	0.81	cps
Copper	63-2	3289442	3351855	3337794	3326364	0.98	cps
Dysprosium	156-1	191606	195232	195839	194226	1.18	cps
Dysprosium	156-2	149079	148432	149463	148991	0.35	cps
Erbium	164-1	205439	211758	214457	210552	2.20	cps
Erbium	164-2	147984	146624	145717	146775	0.78	cps
Gadolinium	160-1	204143	208852	207266	206754	1.16	cps
Gadolinium	160-2	152099	153605	151977	152560	0.59	cps
Holmium	165-1	32943663	34043714	34154489	33713955	1.99	cps
Holmium	165-2	23566424	23644295	23471680	23560800	0.37	cps
Indium	115-1	29511677	30048782	30014365	29858275	1.01	cps
Indium	115-2	10429471	10349676	10363802	10380983	0.41	cps
Iron	56-2	1767862000	1766671387	1773227600	1769253663	0.20	cps
Iron	57-2	44222244	44305813	44230373	44252810	0.10	cps
Iron	54-2	95916755	96256699	96451382	96208279	0.28	cps
Krypton	83-1	720	780	680	727	6.93	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-05	Instrumnet Name :	P7
Client Sample ID :	MYE561	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:48:54	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	295627	300953	301401	299327	1.07	cps
Lead	207-1	247866	257559	257158	254194	2.16	cps
Lead	208-1	1140928	1168900	1172199	1160676	1.48	cps
Lithium	6-1	2641531	2554694	2604487	2600237	1.68	cps
Magnesium	24-2	56164218	56107748	56723131	56331699	0.60	cps
Manganese	55-2	50580184	50656391	50795729	50677435	0.22	cps
Molybdenum	94-1	104711	107609	108693	107004	1.92	cps
Molybdenum	95-1	24267	24110	25345	24574	2.74	cps
Molybdenum	96-1	57275	58547	59243	58355	1.71	cps
Molybdenum	97-1	14671	15065	15155	14963	1.72	cps
Molybdenum	98-1	36746	37933	37782	37487	1.72	cps
Neodymium	150-1	236874	240357	241012	239414	0.93	cps
Neodymium	150-2	143819	143067	141738	142874	0.74	cps
Nickel	60-2	2647120	2666927	2703660	2672569	1.07	cps
Phosphorus	31-2	39805	39762	39528	39698	0.38	cps
Potassium	39-2	2319378	2302372	2293397	2305049	0.57	cps
Rhodium	103-1	27536965	28188972	28480132	28068690	1.72	cps
Rhodium	103-2	16969524	17128587	17138114	17078742	0.55	cps
Scandium	45-1	18082502	18962287	18819456	18621415	2.54	cps
Scandium	45-2	1582577	1557826	1573786	1571396	0.80	cps
Selenium	82-1	2189	2047	2097	2111	3.40	cps
Selenium	77-2	673	637	560	623	9.28	cps
Selenium	78-2	1027	1007	963	999	3.24	cps
Silicon	28-1	81527924	83106087	82745319	82459777	1.00	cps
Silver	107-1	2347	2330	2297	2325	1.10	cps
Silver	109-1	2010	2100	2247	2119	5.64	cps
Sodium	23-2	742127	745412	739884	742474	0.37	cps
Strontium	86-1	1378349	1422605	1462042	1420999	2.95	cps
Strontium	88-1	12284953	12797362	12750728	12611014	2.25	cps
Sulfur	34-1	285206	280165	276946	280772	1.48	cps
Terbium	159-1	33633908	35094511	34495040	34407820	2.13	cps
Terbium	159-2	23334009	23393644	23371149	23366267	0.13	cps
Thallium	203-1	5174	5434	5648	5419	4.38	cps
Thallium	205-1	12793	13016	13100	12970	1.22	cps
Tin	118-1	48655	48779	49836	49090	1.32	cps
Titanium	47-1	5418197	5512811	5503149	5478052	0.95	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-05	Instrumnet Name :	P7
Client Sample ID :	MYE561	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:48:54	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48060	49144	49582	48929	1.60	cps
Vanadium	51-2	4428963	4470809	4387439	4429070	0.94	cps
Yttrium	89-1	44043291	45561399	44722804	44775832	1.70	cps
Yttrium	89-2	11403820	11486259	11442749	11444276	0.36	cps
Zinc	66-2	635618	632259	636169	634682	0.33	cps
Zirconium	90-1	247916	251950	256771	252212	1.76	cps
Zirconium	91-1	55929	57194	57556	56893	1.50	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-06	Instrumnet Name :	P7
Client Sample ID :	MYE562	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:51:53	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20592268	20532988	20345305	20490187	0.63	cps
Antimony	121-1	32687	33669	34685	33681	2.97	cps
Arsenic	75-2	127596	126392	127182	127057	0.48	cps
Barium	135-1	3037822	3097500	3152775	3096033	1.86	cps
Barium	137-1	5152404	5282484	5380413	5271767	2.17	cps
Beryllium	9-1	2711	2917	3128	2919	7.14	cps
Bismuth	209-1	19807217	19254159	19300237	19453871	1.58	cps
Bismuth	209-2	15392368	15303709	15125516	15273864	0.89	cps
Bromine	81-1	29656	31133	31570	30787	3.26	cps
Bromine	81-2	3000	2937	2900	2946	1.72	cps
Cadmium	108-1	823	807	803	811	1.32	cps
Cadmium	106-1	12846	12442	12606	12631	1.61	cps
Cadmium	111-1	12290	12212	12456	12319	1.01	cps
Calcium	43-1	541907	570499	567641	560016	2.81	cps
Calcium	44-1	8674824	8959086	8941229	8858380	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	879829	872813	874598	875747	0.42	cps
Cobalt	59-2	817421	810701	824048	817390	0.82	cps
Copper	63-2	1687505	1668986	1681023	1679171	0.56	cps
Dysprosium	156-1	176422	185378	181350	181050	2.48	cps
Dysprosium	156-2	153466	151555	154722	153248	1.04	cps
Erbium	164-1	129863	135971	135003	133612	2.46	cps
Erbium	164-2	93158	93698	94332	93729	0.63	cps
Gadolinium	160-1	161469	169016	170133	166873	2.82	cps
Gadolinium	160-2	122796	121481	122735	122337	0.61	cps
Holmium	165-1	34212444	34057954	34370530	34213643	0.46	cps
Holmium	165-2	23525190	23590825	23547818	23554611	0.14	cps
Indium	115-1	31457884	31248084	31181957	31295975	0.46	cps
Indium	115-2	10566556	10576725	10635364	10592882	0.35	cps
Iron	56-2	826847908	819603641	827661641	824704397	0.54	cps
Iron	57-2	20064186	20084519	20064753	20071153	0.06	cps
Iron	54-2	44686133	43938201	44621083	44415139	0.93	cps
Krypton	83-1	543	587	670	600	10.73	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-06	Instrumnet Name :	P7
Client Sample ID :	MYE562	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:51:53	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	499092	532087	530031	520403	3.55	cps
Lead	207-1	418694	432998	437872	429855	2.32	cps
Lead	208-1	1929967	2050699	2049781	2010149	3.45	cps
Lithium	6-1	2673360	2633555	2564369	2623761	2.10	cps
Magnesium	24-2	15952194	15848793	16220548	16007178	1.20	cps
Manganese	55-2	17461848	17140375	17402153	17334792	0.99	cps
Molybdenum	94-1	254605	266959	265294	262286	2.56	cps
Molybdenum	95-1	12112	12919	12876	12636	3.59	cps
Molybdenum	96-1	62995	66309	66243	65182	2.91	cps
Molybdenum	97-1	7565	8169	7969	7901	3.89	cps
Molybdenum	98-1	19283	20825	20771	20293	4.31	cps
Neodymium	150-1	344444	363377	365792	357871	3.27	cps
Neodymium	150-2	212590	211395	213026	212337	0.40	cps
Nickel	60-2	401684	396455	396098	398079	0.79	cps
Phosphorus	31-2	46674	46922	45156	46251	2.07	cps
Potassium	39-2	8211642	8121577	8152485	8161901	0.56	cps
Rhodium	103-1	30421485	29639295	29863202	29974661	1.34	cps
Rhodium	103-2	17793648	17733310	17681763	17736240	0.32	cps
Scandium	45-1	17811556	17286395	17603321	17567091	1.51	cps
Scandium	45-2	1496371	1516356	1487764	1500164	0.98	cps
Selenium	82-1	2164	2157	2001	2107	4.39	cps
Selenium	77-2	803	807	703	771	7.62	cps
Selenium	78-2	1233	1130	1213	1192	4.60	cps
Silicon	28-1	87075439	88840929	89352979	88423115	1.35	cps
Silver	107-1	5534	5881	5858	5758	3.37	cps
Silver	109-1	4747	5068	5154	4990	4.29	cps
Sodium	23-2	255819	253553	255593	254988	0.49	cps
Strontium	86-1	567491	593437	594641	585190	2.62	cps
Strontium	88-1	4951208	5304792	5296086	5184029	3.89	cps
Sulfur	34-1	267422	244676	237004	249701	6.34	cps
Terbium	159-1	35715918	35006172	35130038	35284043	1.07	cps
Terbium	159-2	23634290	23491510	23567951	23564584	0.30	cps
Thallium	203-1	8953	9147	9123	9074	1.16	cps
Thallium	205-1	20682	21370	20816	20956	1.74	cps
Tin	118-1	54248	55968	56169	55462	1.90	cps
Titanium	47-1	3054564	3163218	3182133	3133305	2.20	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-06	Instrumnet Name :	P7
Client Sample ID :	MYE562	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:51:53	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71662	73210	74755	73209	2.11	cps
Vanadium	51-2	1475749	1470847	1474567	1473721	0.17	cps
Yttrium	89-1	44363704	44606624	45494901	44821743	1.33	cps
Yttrium	89-2	11393810	11243913	11310556	11316093	0.66	cps
Zinc	66-2	345666	341789	345121	344192	0.61	cps
Zirconium	90-1	676423	715183	709818	700475	3.00	cps
Zirconium	91-1	149245	156074	158044	154454	2.99	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-07	Instrumnet Name :	P7
Client Sample ID :	MYE582	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:54:54	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15203312	15368948	15079947	15217402	0.95	cps
Antimony	121-1	18015	17881	18469	18122	1.70	cps
Arsenic	75-2	69820	70185	68882	69629	0.97	cps
Barium	135-1	1763769	1793825	1800014	1785870	1.09	cps
Barium	137-1	3039443	3066602	3023561	3043202	0.72	cps
Beryllium	9-1	2873	2745	2728	2782	2.84	cps
Bismuth	209-1	19375972	19484860	19285065	19381965	0.52	cps
Bismuth	209-2	15260066	15359276	15339339	15319560	0.34	cps
Bromine	81-1	25562	26364	26945	26290	2.64	cps
Bromine	81-2	2107	1850	2047	2001	6.71	cps
Cadmium	108-1	973	1043	957	991	4.64	cps
Cadmium	106-1	13229	13083	12799	13037	1.68	cps
Cadmium	111-1	15151	14989	14688	14943	1.57	cps
Calcium	43-1	5297973	5447844	5378305	5374707	1.40	cps
Calcium	44-1	85043045	87956769	87136045	86711953	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	663491	659771	657750	660337	0.44	cps
Cobalt	59-2	439729	439463	434292	437828	0.70	cps
Copper	63-2	1375094	1368319	1367689	1370367	0.30	cps
Dysprosium	156-1	137657	141072	139939	139556	1.25	cps
Dysprosium	156-2	118576	119355	118424	118785	0.42	cps
Erbium	164-1	107278	108691	111394	109121	1.92	cps
Erbium	164-2	75446	74795	76025	75422	0.82	cps
Gadolinium	160-1	125527	128581	128282	127463	1.32	cps
Gadolinium	160-2	92573	92650	92473	92565	0.10	cps
Holmium	165-1	34038586	33962469	34878062	34293039	1.48	cps
Holmium	165-2	23477342	23697273	23534894	23569836	0.48	cps
Indium	115-1	30192894	30566863	31076852	30612203	1.45	cps
Indium	115-2	10454951	10430915	10472199	10452688	0.20	cps
Iron	56-2	460440206	452782887	449963980	454395691	1.19	cps
Iron	57-2	11297125	11349475	11276761	11307787	0.33	cps
Iron	54-2	24587160	24650597	24655238	24630999	0.15	cps
Krypton	83-1	630	523	617	590	9.85	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-07	Instrumnet Name :	P7
Client Sample ID :	MYE582	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:54:54	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	741204	767368	767231	758601	1.99	cps
Lead	207-1	633720	639157	650987	641288	1.38	cps
Lead	208-1	2894601	2963344	3005634	2954526	1.90	cps
Lithium	6-1	2742210	2722871	2689961	2718347	0.97	cps
Magnesium	24-2	11715187	11908314	11689330	11770944	1.02	cps
Manganese	55-2	10269129	10317293	10203352	10263258	0.56	cps
Molybdenum	94-1	259316	264100	269715	264377	1.97	cps
Molybdenum	95-1	12779	13219	13416	13138	2.48	cps
Molybdenum	96-1	60445	62355	61411	61404	1.56	cps
Molybdenum	97-1	8312	8099	8022	8145	1.85	cps
Molybdenum	98-1	20117	20608	20555	20427	1.32	cps
Neodymium	150-1	278259	280601	282984	280615	0.84	cps
Neodymium	150-2	162771	162785	162889	162815	0.04	cps
Nickel	60-2	404224	407104	406116	405815	0.36	cps
Phosphorus	31-2	57320	55597	56082	56333	1.58	cps
Potassium	39-2	7652623	7619799	7658306	7643576	0.27	cps
Rhodium	103-1	29280638	29409156	29721529	29470441	0.77	cps
Rhodium	103-2	17426922	17469539	17490681	17462380	0.19	cps
Scandium	45-1	16963022	17496689	17329670	17263127	1.58	cps
Scandium	45-2	1405673	1475715	1451931	1444439	2.47	cps
Selenium	82-1	2100	2128	1953	2060	4.56	cps
Selenium	77-2	503	480	470	484	3.53	cps
Selenium	78-2	1147	927	920	998	12.93	cps
Silicon	28-1	88135482	87347862	88533309	88005551	0.69	cps
Silver	107-1	9543	9727	9820	9697	1.45	cps
Silver	109-1	8759	9223	9436	9140	3.79	cps
Sodium	23-2	506653	505043	501073	504256	0.57	cps
Strontium	86-1	804329	825736	833629	821231	1.85	cps
Strontium	88-1	7234772	7430889	7353690	7339784	1.35	cps
Sulfur	34-1	373613	377009	374528	375050	0.47	cps
Terbium	159-1	34790853	35876765	35599837	35422485	1.59	cps
Terbium	159-2	23510550	23653160	23292850	23485520	0.77	cps
Thallium	203-1	7582	7719	8056	7786	3.13	cps
Thallium	205-1	17985	18516	18359	18287	1.49	cps
Tin	118-1	59563	61277	61748	60863	1.89	cps
Titanium	47-1	3030989	3048939	3098343	3059424	1.14	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-07	Instrumnet Name :	P7
Client Sample ID :	MYE582	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:54:54	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	72969	73884	75301	74051	1.59	cps
Vanadium	51-2	846414	842246	836892	841851	0.57	cps
Yttrium	89-1	43656019	44529923	44883953	44356632	1.42	cps
Yttrium	89-2	11087772	11133043	10871461	11030759	1.27	cps
Zinc	66-2	434913	434371	435991	435092	0.19	cps
Zirconium	90-1	687887	698476	705739	697367	1.29	cps
Zirconium	91-1	153611	157508	158704	156608	1.70	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-08	Instrumnet Name :	P7
Client Sample ID :	MYE583	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:57:58	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28905360	29236605	29088458	29076808	0.57	cps
Antimony	121-1	52844	54048	53395	53429	1.13	cps
Arsenic	75-2	273500	277340	274375	275072	0.73	cps
Barium	135-1	4760688	4775391	4834830	4790303	0.82	cps
Barium	137-1	8212170	8185969	8216481	8204873	0.20	cps
Beryllium	9-1	3739	3834	3662	3745	2.30	cps
Bismuth	209-1	19270788	18886931	19110203	19089307	1.01	cps
Bismuth	209-2	14784699	14903619	15145641	14944653	1.23	cps
Bromine	81-1	28184	28170	28641	28332	0.95	cps
Bromine	81-2	2510	2497	2694	2567	4.28	cps
Cadmium	108-1	1220	1413	1383	1339	7.77	cps
Cadmium	106-1	13586	13596	13139	13441	1.94	cps
Cadmium	111-1	18613	18552	18550	18572	0.19	cps
Calcium	43-1	1114936	1135840	1130298	1127025	0.96	cps
Calcium	44-1	17741812	18032856	18075636	17950101	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1759826	1836683	1817835	1804781	2.22	cps
Cobalt	59-2	1416846	1388705	1383032	1396194	1.30	cps
Copper	63-2	3435211	3440700	3383758	3419890	0.92	cps
Dysprosium	156-1	211738	214808	220157	215568	1.98	cps
Dysprosium	156-2	181517	179275	180700	180497	0.63	cps
Erbium	164-1	166503	174149	175401	172017	2.80	cps
Erbium	164-2	120000	118988	117781	118923	0.93	cps
Gadolinium	160-1	193644	197885	200738	197423	1.81	cps
Gadolinium	160-2	143284	144726	143479	143830	0.54	cps
Holmium	165-1	34209124	33981302	33924211	34038212	0.44	cps
Holmium	165-2	23313115	22858462	23369426	23180334	1.21	cps
Indium	115-1	31060418	30273908	30410189	30581505	1.37	cps
Indium	115-2	10226040	10364228	10254547	10281605	0.71	cps
Iron	56-2	1417956246	1432806005	1409287499	1420016583	0.84	cps
Iron	57-2	35760895	35456806	35552094	35589932	0.44	cps
Iron	54-2	76284189	77776267	77038216	77032891	0.97	cps
Krypton	83-1	613	663	603	627	5.13	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-08	Instrumnet Name :	P7
Client Sample ID :	MYE583	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:57:58	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1089484	1136979	1138675	1121713	2.49	cps
Lead	207-1	958372	989862	986854	978362	1.78	cps
Lead	208-1	4320365	4383876	4508279	4404173	2.17	cps
Lithium	6-1	2844491	2741940	2700307	2762246	2.69	cps
Magnesium	24-2	26481650	26948009	26820703	26750121	0.90	cps
Manganese	55-2	45297109	46202544	45947283	45815645	1.02	cps
Molybdenum	94-1	299032	305465	304666	303054	1.16	cps
Molybdenum	95-1	26828	27055	27432	27105	1.13	cps
Molybdenum	96-1	88523	90850	92017	90463	1.97	cps
Molybdenum	97-1	16433	16209	16389	16344	0.73	cps
Molybdenum	98-1	40075	41943	41178	41065	2.29	cps
Neodymium	150-1	379474	389384	390642	386500	1.58	cps
Neodymium	150-2	226819	228859	225339	227006	0.78	cps
Nickel	60-2	677917	689974	681335	683076	0.91	cps
Phosphorus	31-2	70485	69035	70414	69978	1.17	cps
Potassium	39-2	13079456	12863774	13118409	13020547	1.05	cps
Rhodium	103-1	29865010	29366560	29185370	29472313	1.19	cps
Rhodium	103-2	17255297	17072916	17210206	17179473	0.55	cps
Scandium	45-1	18528946	17999469	17656953	18061789	2.43	cps
Scandium	45-2	1478406	1482055	1499538	1486666	0.76	cps
Selenium	82-1	2257	2309	2322	2296	1.48	cps
Selenium	77-2	680	823	773	759	9.59	cps
Selenium	78-2	1243	1313	1073	1210	10.20	cps
Silicon	28-1	76202454	75736736	74739636	75559608	0.99	cps
Silver	107-1	13513	14080	14100	13898	2.40	cps
Silver	109-1	12235	12999	12682	12639	3.04	cps
Sodium	23-2	284553	288457	287318	286776	0.70	cps
Strontium	86-1	741861	749605	752641	748036	0.74	cps
Strontium	88-1	6540455	6760778	6715251	6672161	1.74	cps
Sulfur	34-1	292151	272764	270641	278519	4.26	cps
Terbium	159-1	36204364	35823718	35137980	35722021	1.51	cps
Terbium	159-2	23260384	23597901	23188731	23349005	0.94	cps
Thallium	203-1	9500	9577	9323	9467	1.37	cps
Thallium	205-1	22752	22789	23066	22869	0.75	cps
Tin	118-1	67105	68917	68063	68028	1.33	cps
Titanium	47-1	3819452	3914165	3878759	3870792	1.24	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-08	Instrumnet Name :	P7
Client Sample ID :	MYE583	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 14:57:58	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	64036	66344	66575	65652	2.14	cps
Vanadium	51-2	2710664	2809697	2756891	2759084	1.80	cps
Yttrium	89-1	45239531	45006838	44661058	44969142	0.65	cps
Yttrium	89-2	11187818	11150502	11228883	11189068	0.35	cps
Zinc	66-2	638415	636480	637679	637525	0.15	cps
Zirconium	90-1	772974	793395	793758	786709	1.51	cps
Zirconium	91-1	169911	176811	177111	174611	2.33	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-09	Instrumnet Name :	P7
Client Sample ID :	MYE584	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:00:57	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20708361	20840646	20219461	20589490	1.59	cps
Antimony	121-1	31207	32066	32847	32040	2.56	cps
Arsenic	75-2	155542	157081	154818	155813	0.74	cps
Barium	135-1	2396716	2419239	2515565	2443840	2.58	cps
Barium	137-1	4059709	4183138	4292251	4178366	2.78	cps
Beryllium	9-1	2684	2567	2817	2689	4.65	cps
Bismuth	209-1	19353391	19093906	19093948	19180415	0.78	cps
Bismuth	209-2	15125953	15115568	15007845	15083122	0.43	cps
Bromine	81-1	27319	28788	28518	28208	2.77	cps
Bromine	81-2	2797	2577	2577	2650	4.79	cps
Cadmium	108-1	1090	1197	1107	1131	5.07	cps
Cadmium	106-1	12539	12262	12138	12313	1.67	cps
Cadmium	111-1	17821	17609	17679	17703	0.61	cps
Calcium	43-1	1187890	1234219	1219364	1213825	1.95	cps
Calcium	44-1	19285885	19926204	19615453	19609181	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1066411	1064820	1054229	1061820	0.62	cps
Cobalt	59-2	796135	798670	792774	795860	0.37	cps
Copper	63-2	1929429	1964437	1923030	1938966	1.15	cps
Dysprosium	156-1	147638	154044	150904	150862	2.12	cps
Dysprosium	156-2	125928	127270	126624	126608	0.53	cps
Erbium	164-1	116484	120807	121933	119741	2.40	cps
Erbium	164-2	82995	82327	82069	82464	0.58	cps
Gadolinium	160-1	134377	142591	140358	139109	3.05	cps
Gadolinium	160-2	101548	101928	100481	101319	0.74	cps
Holmium	165-1	34290140	34059672	34096179	34148664	0.36	cps
Holmium	165-2	23289590	23020517	23373163	23227757	0.79	cps
Indium	115-1	30233588	29998813	30750111	30327504	1.27	cps
Indium	115-2	10423417	10344627	10387902	10385316	0.38	cps
Iron	56-2	862838840	863452520	856852867	861048076	0.42	cps
Iron	57-2	21003532	21318936	21207827	21176765	0.76	cps
Iron	54-2	46223376	47075199	46346663	46548413	0.99	cps
Krypton	83-1	517	610	560	562	8.31	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-09	Instrumnet Name :	P7
Client Sample ID :	MYE584	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:00:57	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	630507	658116	664141	650921	2.76	cps
Lead	207-1	545521	566929	569465	560638	2.35	cps
Lead	208-1	2481044	2580653	2598018	2553238	2.47	cps
Lithium	6-1	2816105	2681985	2731540	2743210	2.47	cps
Magnesium	24-2	17261211	17482171	17212321	17318568	0.83	cps
Manganese	55-2	19456168	19734583	19385840	19525530	0.94	cps
Molybdenum	94-1	201105	209199	209523	206609	2.31	cps
Molybdenum	95-1	14267	14017	14481	14255	1.63	cps
Molybdenum	96-1	56121	57422	57800	57114	1.54	cps
Molybdenum	97-1	8666	8816	9076	8853	2.34	cps
Molybdenum	98-1	21776	22284	22558	22206	1.79	cps
Neodymium	150-1	270688	280848	281717	277751	2.21	cps
Neodymium	150-2	162933	163112	162684	162910	0.13	cps
Nickel	60-2	413590	414034	414055	413893	0.06	cps
Phosphorus	31-2	58776	58050	57789	58205	0.88	cps
Potassium	39-2	9721808	9748627	9618178	9696204	0.71	cps
Rhodium	103-1	29316393	29234092	29075768	29208751	0.42	cps
Rhodium	103-2	17370866	17327249	17161220	17286445	0.64	cps
Scandium	45-1	17564419	17487706	17274259	17442128	0.86	cps
Scandium	45-2	1491380	1501571	1493308	1495420	0.36	cps
Selenium	82-1	2145	1994	1985	2041	4.42	cps
Selenium	77-2	547	600	603	583	5.45	cps
Selenium	78-2	937	1033	1013	994	5.13	cps
Silicon	28-1	77161912	80530355	78816654	78836307	2.14	cps
Silver	107-1	10647	11104	10928	10893	2.12	cps
Silver	109-1	9877	10160	10200	10079	1.75	cps
Sodium	23-2	371522	370639	370016	370726	0.20	cps
Strontium	86-1	518007	524782	533553	525447	1.48	cps
Strontium	88-1	4576555	4689720	4787518	4684598	2.25	cps
Sulfur	34-1	270583	268911	265105	268200	1.05	cps
Terbium	159-1	35911181	35286884	35009171	35402412	1.30	cps
Terbium	159-2	23219074	23154820	23060053	23144649	0.35	cps
Thallium	203-1	6775	7179	6999	6984	2.89	cps
Thallium	205-1	16467	17111	16340	16639	2.48	cps
Tin	118-1	57929	60362	58840	59044	2.08	cps
Titanium	47-1	3214308	3350364	3283661	3282777	2.07	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-09	Instrumnet Name :	P7
Client Sample ID :	MYE584	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:00:57	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51619	53049	54220	52963	2.46	cps
Vanadium	51-2	1690165	1693594	1656697	1680152	1.21	cps
Yttrium	89-1	44487914	43834446	44191481	44171280	0.74	cps
Yttrium	89-2	11218384	11111150	11046349	11125294	0.78	cps
Zinc	66-2	438155	439385	436291	437944	0.36	cps
Zirconium	90-1	527476	542824	547440	539247	1.94	cps
Zirconium	91-1	118073	122059	122890	121008	2.13	cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-10	Instrumnet Name :	P7
Client Sample ID :	MYE585	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:04:00	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19282448	19276796	19151933	19237059	0.38	cps
Antimony	121-1	71088	71969	72609	71889	1.06	cps
Arsenic	75-2	277232	278070	275711	277004	0.43	cps
Barium	135-1	3519930	3628619	3643912	3597487	1.88	cps
Barium	137-1	6003897	6143024	6205816	6117579	1.69	cps
Beryllium	9-1	2734	2689	2773	2732	1.53	cps
Bismuth	209-1	20983553	19404880	19069120	19819184	5.16	cps
Bismuth	209-2	15079876	15054964	15050177	15061672	0.11	cps
Bromine	81-1	20725	21372	21392	21163	1.79	cps
Bromine	81-2	1377	1350	1377	1368	1.13	cps
Cadmium	108-1	850	740	780	790	7.05	cps
Cadmium	106-1	12569	12389	11825	12261	3.17	cps
Cadmium	111-1	11750	12111	11425	11762	2.92	cps
Calcium	43-1	1216949	1257578	1282181	1252236	2.63	cps
Calcium	44-1	19856746	20700672	20723257	20426892	2.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1156947	1152326	1152809	1154027	0.22	cps
Cobalt	59-2	1089421	1087750	1096759	1091310	0.44	cps
Copper	63-2	1830951	1807969	1799420	1812780	0.90	cps
Dysprosium	156-1	154874	162543	163864	160427	3.03	cps
Dysprosium	156-2	134237	135015	135863	135038	0.60	cps
Erbium	164-1	127480	133848	135133	132153	3.10	cps
Erbium	164-2	91383	93188	93530	92700	1.24	cps
Gadolinium	160-1	143622	147126	151486	147411	2.67	cps
Gadolinium	160-2	107183	107488	108036	107569	0.40	cps
Holmium	165-1	37048390	34280821	33756380	35028530	5.05	cps
Holmium	165-2	23208249	23365861	23222775	23265628	0.37	cps
Indium	115-1	33066903	30615646	30337879	31340143	4.79	cps
Indium	115-2	10373377	10391886	10234936	10333400	0.83	cps
Iron	56-2	1302087261	1307380834	1315203047	1308223714	0.50	cps
Iron	57-2	32209069	32384104	32326094	32306422	0.28	cps
Iron	54-2	71334319	70921737	70839671	71031909	0.37	cps
Krypton	83-1	537	603	590	577	6.12	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-10	Instrumnet Name :	P7
Client Sample ID :	MYE585	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:04:00	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1090616	1130047	1146056	1122240	2.54	cps
Lead	207-1	874915	901498	916111	897508	2.33	cps
Lead	208-1	4125306	4233189	4293143	4217212	2.02	cps
Lithium	6-1	2921556	2707839	2607019	2745472	5.85	cps
Magnesium	24-2	19244301	19083798	19156633	19161577	0.42	cps
Manganese	55-2	43105626	43533076	43485914	43374872	0.54	cps
Molybdenum	94-1	256117	264930	267913	262987	2.33	cps
Molybdenum	95-1	23436	24157	23853	23815	1.52	cps
Molybdenum	96-1	76640	80058	81278	79325	3.03	cps
Molybdenum	97-1	14184	14844	14634	14554	2.32	cps
Molybdenum	98-1	35136	36629	37080	36282	2.81	cps
Neodymium	150-1	267013	278113	282005	275710	2.82	cps
Neodymium	150-2	164271	162232	162501	163001	0.68	cps
Nickel	60-2	479704	476594	476168	477489	0.40	cps
Phosphorus	31-2	43996	43020	43973	43663	1.28	cps
Potassium	39-2	5376611	5304132	5410394	5363712	1.01	cps
Rhodium	103-1	32154177	29394980	29220373	30256510	5.44	cps
Rhodium	103-2	17391726	17310195	17321845	17341255	0.25	cps
Scandium	45-1	18908431	17518425	17280495	17902450	4.91	cps
Scandium	45-2	1486042	1460330	1505852	1484075	1.54	cps
Selenium	82-1	2362	2067	1998	2143	9.03	cps
Selenium	77-2	647	670	573	630	8.01	cps
Selenium	78-2	963	1033	1030	1009	3.91	cps
Silicon	28-1	67677177	69425902	70451539	69184873	2.03	cps
Silver	107-1	3717	3390	3360	3489	5.67	cps
Silver	109-1	2780	3087	2890	2919	5.32	cps
Sodium	23-2	244247	240392	242433	242358	0.80	cps
Strontium	86-1	503714	524663	527747	518708	2.52	cps
Strontium	88-1	4494459	4663853	4618426	4592246	1.91	cps
Sulfur	34-1	231960	230752	228364	230359	0.79	cps
Terbium	159-1	38555075	35599917	35213258	36456083	5.01	cps
Terbium	159-2	23356072	23030065	23330272	23238803	0.78	cps
Thallium	203-1	7542	7976	8102	7873	3.73	cps
Thallium	205-1	18633	19047	19291	18990	1.75	cps
Tin	118-1	43810	44903	45187	44633	1.63	cps
Titanium	47-1	2561773	2661600	2683207	2635527	2.46	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-10	Instrumnet Name :	P7
Client Sample ID :	MYE585	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:04:00	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51462	54555	55435	53817	3.88	cps
Vanadium	51-2	2655704	2636305	2644759	2645590	0.37	cps
Yttrium	89-1	48524763	44549304	43903324	45659130	5.48	cps
Yttrium	89-2	11178558	11179520	11124648	11160909	0.28	cps
Zinc	66-2	412086	415112	414296	413831	0.38	cps
Zirconium	90-1	652960	682091	690178	675076	2.90	cps
Zirconium	91-1	147272	153002	153820	151364	2.36	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:07:00	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22591678	22541385	22675441	22602834	0.30	cps
Antimony	121-1	58083	59191	59830	59035	1.50	cps
Arsenic	75-2	242124	240945	240193	241087	0.40	cps
Barium	135-1	4129208	4257078	4103026	4163104	1.98	cps
Barium	137-1	7060792	7245502	7102045	7136113	1.36	cps
Beryllium	9-1	3111	2867	3117	3032	4.71	cps
Bismuth	209-1	19108621	19546359	19362173	19339051	1.14	cps
Bismuth	209-2	15116317	14989655	15093881	15066618	0.45	cps
Bromine	81-1	24594	24060	24507	24387	1.18	cps
Bromine	81-2	1637	1773	1877	1762	6.83	cps
Cadmium	108-1	1067	1210	1107	1128	6.56	cps
Cadmium	106-1	12682	12529	12275	12495	1.65	cps
Cadmium	111-1	16940	16629	16764	16778	0.93	cps
Calcium	43-1	885913	891274	897015	891400	0.62	cps
Calcium	44-1	14030341	14284399	14211186	14175308	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1473503	1444164	1466551	1461406	1.05	cps
Cobalt	59-2	1263809	1258140	1264886	1262279	0.29	cps
Copper	63-2	2666865	2666168	2699744	2677593	0.72	cps
Dysprosium	156-1	184736	189450	189782	187990	1.50	cps
Dysprosium	156-2	154692	157347	156893	156310	0.91	cps
Erbium	164-1	145176	148702	150033	147970	1.70	cps
Erbium	164-2	101348	99807	101183	100779	0.84	cps
Gadolinium	160-1	169007	174989	174746	172914	1.96	cps
Gadolinium	160-2	125271	125025	126279	125525	0.53	cps
Holmium	165-1	34169761	34097894	34284712	34184122	0.28	cps
Holmium	165-2	23323046	23170790	23134360	23209399	0.43	cps
Indium	115-1	29729040	30232110	30161262	30040804	0.91	cps
Indium	115-2	10152537	10299371	10389815	10280574	1.16	cps
Iron	56-2	1299035421	1306235661	1316309927	1307193669	0.66	cps
Iron	57-2	32024307	32018051	32294478	32112279	0.49	cps
Iron	54-2	70385592	70741331	70669076	70598666	0.27	cps
Krypton	83-1	593	520	573	562	6.74	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:07:00	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	986865	1005266	1016580	1002904	1.50	cps
Lead	207-1	854452	882091	886594	874379	1.99	cps
Lead	208-1	3913928	4017707	4009242	3980292	1.45	cps
Lithium	6-1	2794547	2699690	2755316	2749851	1.73	cps
Magnesium	24-2	22561769	22064816	22664090	22430225	1.43	cps
Manganese	55-2	48696183	48804241	48642279	48714234	0.17	cps
Molybdenum	94-1	221426	225216	229661	225434	1.83	cps
Molybdenum	95-1	23208	23856	24577	23881	2.87	cps
Molybdenum	96-1	73316	72971	72790	73025	0.37	cps
Molybdenum	97-1	14234	14691	14634	14520	1.72	cps
Molybdenum	98-1	35533	36128	36983	36215	2.01	cps
Neodymium	150-1	330440	338434	339276	336050	1.45	cps
Neodymium	150-2	198448	197248	196778	197491	0.44	cps
Nickel	60-2	555890	556300	556383	556191	0.05	cps
Phosphorus	31-2	60532	60295	59006	59945	1.37	cps
Potassium	39-2	10891714	10816414	10731113	10813081	0.74	cps
Rhodium	103-1	29122138	29245865	28875999	29081334	0.65	cps
Rhodium	103-2	17193012	17208873	17302300	17234728	0.34	cps
Scandium	45-1	17567530	17597786	17252635	17472650	1.09	cps
Scandium	45-2	1477596	1442184	1453113	1457631	1.24	cps
Selenium	82-1	2150	2361	2302	2271	4.78	cps
Selenium	77-2	713	703	687	701	1.92	cps
Selenium	78-2	1043	973	1093	1037	5.81	cps
Silicon	28-1	72726149	72970687	72463209	72720015	0.35	cps
Silver	107-1	11721	12252	12269	12081	2.58	cps
Silver	109-1	11008	12052	11174	11411	4.92	cps
Sodium	23-2	250351	251077	249792	250407	0.26	cps
Strontium	86-1	652794	663809	669028	661877	1.25	cps
Strontium	88-1	5851355	5946704	5949606	5915888	0.95	cps
Sulfur	34-1	265041	262403	262159	263201	0.61	cps
Terbium	159-1	35229612	35513896	35196379	35313296	0.49	cps
Terbium	159-2	23542001	23066286	23222736	23277008	1.04	cps
Thallium	203-1	8589	8806	8533	8643	1.67	cps
Thallium	205-1	20195	20679	19891	20255	1.96	cps
Tin	118-1	53000	54188	54312	53834	1.35	cps
Titanium	47-1	3009142	3020051	3032944	3020712	0.39	cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:07:00	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55073	56469	56620	56054	1.52	cps
Vanadium	51-2	2632334	2599294	2582151	2604593	0.98	cps
Yttrium	89-1	43599911	44280531	44335294	44071912	0.93	cps
Yttrium	89-2	11194111	11102934	11052495	11116513	0.65	cps
Zinc	66-2	528999	528207	528451	528552	0.08	cps
Zirconium	90-1	567575	584399	585417	579130	1.73	cps
Zirconium	91-1	128184	131048	131584	130272	1.40	cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22455006	22685463	22376908	22505792	0.71	cps
Antimony	121-1	53516	53817	55209	54181	1.67	cps
Arsenic	75-2	233671	235659	229899	233076	1.26	cps
Barium	135-1	3886017	3936354	3982785	3935052	1.23	cps
Barium	137-1	6663364	6758382	6813897	6745214	1.13	cps
Beryllium	9-1	3073	2978	3189	3080	3.43	cps
Bismuth	209-1	20502483	19456015	19323713	19760737	3.27	cps
Bismuth	209-2	15100271	15118461	15271533	15163422	0.62	cps
Bromine	81-1	23646	24043	24597	24095	1.98	cps
Bromine	81-2	1707	1810	1830	1782	3.71	cps
Cadmium	108-1	897	1043	1037	992	8.35	cps
Cadmium	106-1	13396	12499	12112	12669	5.20	cps
Cadmium	111-1	16845	16608	16102	16518	2.30	cps
Calcium	43-1	882739	897357	908145	896081	1.42	cps
Calcium	44-1	13854980	14366257	14320222	14180486	1.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1430021	1420023	1412291	1420778	0.63	cps
Cobalt	59-2	1231873	1225541	1228153	1228523	0.26	cps
Copper	63-2	2667092	2689325	2691799	2682738	0.51	cps
Dysprosium	156-1	179505	185227	186904	183879	2.11	cps
Dysprosium	156-2	153094	153748	154716	153852	0.53	cps
Erbium	164-1	140512	146155	146975	144547	2.43	cps
Erbium	164-2	97920	99665	99860	99149	1.08	cps
Gadolinium	160-1	164927	168693	171114	168245	1.85	cps
Gadolinium	160-2	121864	123928	122631	122808	0.85	cps
Holmium	165-1	36792175	34961275	34413476	35388976	3.52	cps
Holmium	165-2	23712675	23551459	23532720	23598951	0.42	cps
Indium	115-1	32585125	30373816	30021568	30993503	4.48	cps
Indium	115-2	10365553	10347247	10367611	10360137	0.11	cps
Iron	56-2	1265952674	1268715048	1250875395	1261847706	0.76	cps
Iron	57-2	31381095	31349260	31274599	31334985	0.17	cps
Iron	54-2	68227397	68437181	67345986	68003521	0.85	cps
Krypton	83-1	530	633	593	586	8.90	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	986301	1015433	1028005	1009913	2.12	cps
Lead	207-1	851619	879404	888052	873025	2.18	cps
Lead	208-1	3897464	4001004	4050617	3983028	1.96	cps
Lithium	6-1	3051401	2784450	2810185	2882012	5.11	cps
Magnesium	24-2	22164027	22554246	21742094	22153456	1.83	cps
Manganese	55-2	46650666	46607703	45546848	46268405	1.35	cps
Molybdenum	94-1	211296	218611	220688	216865	2.27	cps
Molybdenum	95-1	21873	22137	22411	22140	1.21	cps
Molybdenum	96-1	68235	70502	69595	69444	1.64	cps
Molybdenum	97-1	12929	13466	13813	13403	3.32	cps
Molybdenum	98-1	32560	33462	33842	33288	1.98	cps
Neodymium	150-1	317952	328547	332378	326292	2.29	cps
Neodymium	150-2	192009	192894	191610	192171	0.34	cps
Nickel	60-2	547769	554917	542118	548268	1.17	cps
Phosphorus	31-2	60338	60014	60589	60314	0.48	cps
Potassium	39-2	10898706	10714620	11020908	10878078	1.42	cps
Rhodium	103-1	31396199	29349591	29236550	29994113	4.05	cps
Rhodium	103-2	17348970	17246401	17226400	17273924	0.38	cps
Scandium	45-1	18317209	17426002	17085504	17609572	3.61	cps
Scandium	45-2	1461267	1440054	1440011	1447111	0.85	cps
Selenium	82-1	2390	2220	2295	2302	3.70	cps
Selenium	77-2	597	670	600	622	6.65	cps
Selenium	78-2	1013	1080	1123	1072	5.17	cps
Silicon	28-1	71709562	73382087	71672377	72254676	1.35	cps
Silver	107-1	11605	12098	12199	11967	2.66	cps
Silver	109-1	11064	11441	11244	11250	1.68	cps
Sodium	23-2	245376	247966	243893	245745	0.84	cps
Strontium	86-1	626674	642861	646840	638792	1.67	cps
Strontium	88-1	5618702	5764259	5829581	5737514	1.88	cps
Sulfur	34-1	264780	261891	263251	263307	0.55	cps
Terbium	159-1	37990602	35896536	35707019	36531386	3.47	cps
Terbium	159-2	23574785	23649518	23515338	23579880	0.29	cps
Thallium	203-1	8253	8316	8736	8435	3.12	cps
Thallium	205-1	20075	19965	19711	19917	0.94	cps
Tin	118-1	52158	53127	54677	53321	2.38	cps
Titanium	47-1	2823399	2938996	2917390	2893261	2.12	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53661	56058	56509	55409	2.76	cps
Vanadium	51-2	2577419	2554474	2510811	2547568	1.33	cps
Yttrium	89-1	46806904	44226744	44140629	45058093	3.36	cps
Yttrium	89-2	11026118	10937142	11011659	10991640	0.43	cps
Zinc	66-2	526035	525332	522758	524708	0.33	cps
Zirconium	90-1	542644	556588	565807	555013	2.10	cps
Zirconium	91-1	119915	125686	125081	123561	2.57	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 15:13:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4611382	4678995	4669735	4653370	0.79	cps
Antimony	121-1	11531	11228	11398	11386	1.34	cps
Arsenic	75-2	47974	47944	47563	47827	0.48	cps
Barium	135-1	794225	805965	818195	806128	1.49	cps
Barium	137-1	1377953	1395210	1390185	1387782	0.64	cps
Beryllium	9-1	722	700	711	711	1.56	cps
Bismuth	209-1	19375160	19393350	19588400	19452303	0.61	cps
Bismuth	209-2	15515221	15509623	15300857	15441900	0.79	cps
Bromine	81-1	18185	18288	17774	18082	1.50	cps
Bromine	81-2	440	477	393	437	9.57	cps
Cadmium	108-1	220	233	277	243	12.18	cps
Cadmium	106-1	10431	10220	10254	10302	1.10	cps
Cadmium	111-1	8821	8771	8791	8794	0.28	cps
Calcium	43-1	176759	181147	179862	179256	1.26	cps
Calcium	44-1	2808394	2925765	2884134	2872764	2.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	283540	285794	281500	283611	0.76	cps
Cobalt	59-2	254979	254950	251227	253719	0.85	cps
Copper	63-2	535538	540875	541206	539206	0.59	cps
Dysprosium	156-1	37226	38018	37577	37607	1.06	cps
Dysprosium	156-2	30730	30603	31345	30893	1.28	cps
Erbium	164-1	28118	28957	28920	28665	1.65	cps
Erbium	164-2	20245	20308	20051	20201	0.66	cps
Gadolinium	160-1	33684	34319	34509	34170	1.26	cps
Gadolinium	160-2	25507	25126	25133	25255	0.86	cps
Holmium	165-1	33596285	34018743	33772716	33795914	0.63	cps
Holmium	165-2	23406962	23183582	22990454	23193666	0.90	cps
Indium	115-1	29760566	30430427	30587823	30259606	1.45	cps
Indium	115-2	10413429	10384008	10406975	10401470	0.15	cps
Iron	56-2	255790083	259570536	259010356	258123658	0.79	cps
Iron	57-2	6324171	6425360	6435128	6394886	0.96	cps
Iron	54-2	14049996	13949104	14050240	14016447	0.42	cps
Krypton	83-1	443	360	423	409	10.64	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 15:13:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	198923	204039	204525	202496	1.53	cps
Lead	207-1	172041	174563	176488	174364	1.28	cps
Lead	208-1	779287	798016	801930	793078	1.53	cps
Lithium	6-1	2868170	2865216	2943060	2892149	1.53	cps
Magnesium	24-2	4608268	4590687	4614852	4604602	0.27	cps
Manganese	55-2	9566411	9704466	9755540	9675472	1.01	cps
Molybdenum	94-1	43271	44691	44207	44056	1.64	cps
Molybdenum	95-1	4714	4848	5024	4862	3.20	cps
Molybdenum	96-1	13953	14848	14791	14531	3.45	cps
Molybdenum	97-1	3004	2914	3020	2979	1.93	cps
Molybdenum	98-1	7002	7622	7469	7364	4.39	cps
Neodymium	150-1	65702	65504	65548	65585	0.16	cps
Neodymium	150-2	38623	39188	39251	39021	0.89	cps
Nickel	60-2	113714	113102	112545	113120	0.52	cps
Phosphorus	31-2	12529	12492	12455	12492	0.29	cps
Potassium	39-2	2274501	2291521	2291885	2285969	0.43	cps
Rhodium	103-1	29012817	29741670	29340083	29364857	1.24	cps
Rhodium	103-2	17395709	17261438	17339933	17332360	0.39	cps
Scandium	45-1	16547927	16636860	16682938	16622575	0.41	cps
Scandium	45-2	1423823	1395912	1421166	1413634	1.09	cps
Selenium	82-1	1847	1897	1793	1846	2.82	cps
Selenium	77-2	160	103	153	139	22.30	cps
Selenium	78-2	727	653	677	686	5.47	cps
Silicon	28-1	15881638	15959990	15936726	15926118	0.25	cps
Silver	107-1	2557	2647	2637	2614	1.89	cps
Silver	109-1	2590	2300	2300	2397	6.99	cps
Sodium	23-2	112598	112601	112732	112644	0.07	cps
Strontium	86-1	130004	129177	130771	129984	0.61	cps
Strontium	88-1	1118009	1146208	1145719	1136645	1.42	cps
Sulfur	34-1	237300	237355	236515	237057	0.20	cps
Terbium	159-1	34697604	34908961	34763646	34790071	0.31	cps
Terbium	159-2	23151384	23282691	23193182	23209086	0.29	cps
Thallium	203-1	2180	2120	2190	2164	1.75	cps
Thallium	205-1	4718	4901	4794	4804	1.92	cps
Tin	118-1	14147	14124	13987	14086	0.61	cps
Titanium	47-1	576702	592809	592606	587373	1.57	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 15:13:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11248	11505	10691	11148	3.73	cps
Vanadium	51-2	504904	501426	501590	502640	0.39	cps
Yttrium	89-1	41580159	41837715	42244478	41887451	0.80	cps
Yttrium	89-2	10658427	10714604	10553311	10642114	0.77	cps
Zinc	66-2	107107	107899	107936	107648	0.44	cps
Zirconium	90-1	110978	112947	114599	112841	1.61	cps
Zirconium	91-1	24591	25526	25452	25189	2.06	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:16:12	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23760332	23297837	23549647	23535939	0.98	cps
Antimony	121-1	2044146	2067630	2028789	2046855	0.96	cps
Arsenic	75-2	276779	275665	274937	275794	0.34	cps
Barium	135-1	12525094	12859950	12716806	12700616	1.32	cps
Barium	137-1	21612617	21927998	22079120	21873245	1.09	cps
Beryllium	9-1	76420	77213	77682	77105	0.83	cps
Bismuth	209-1	19098589	19296366	19616975	19337310	1.35	cps
Bismuth	209-2	15114319	15025515	14849195	14996343	0.90	cps
Bromine	81-1	24370	24040	24380	24263	0.80	cps
Bromine	81-2	1853	1713	1730	1766	4.33	cps
Cadmium	108-1	17567	17497	18041	17702	1.67	cps
Cadmium	106-1	35697	35320	35243	35420	0.69	cps
Cadmium	111-1	266672	267485	268490	267549	0.34	cps
Calcium	43-1	882011	896120	893238	890457	0.84	cps
Calcium	44-1	14218156	14278226	14315292	14270558	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2893655	2888373	2904008	2895345	0.27	cps
Cobalt	59-2	7196324	7051462	7152107	7133298	1.04	cps
Copper	63-2	4771859	4723855	4756421	4750712	0.52	cps
Dysprosium	156-1	186518	191182	190216	189305	1.30	cps
Dysprosium	156-2	155881	155689	158281	156617	0.92	cps
Erbium	164-1	144802	148607	149453	147621	1.68	cps
Erbium	164-2	101176	99719	100609	100501	0.73	cps
Gadolinium	160-1	171125	173304	173382	172604	0.74	cps
Gadolinium	160-2	124538	122866	124850	124085	0.86	cps
Holmium	165-1	33718329	33745665	33900305	33788099	0.29	cps
Holmium	165-2	23251540	23187795	22946666	23128667	0.70	cps
Indium	115-1	29569338	29831396	29751646	29717460	0.45	cps
Indium	115-2	10134213	10246942	10039884	10140346	1.02	cps
Iron	56-2	1295382087	1284130621	1277925314	1285812674	0.69	cps
Iron	57-2	32111223	31625377	31709727	31815442	0.82	cps
Iron	54-2	70178812	69531497	69354242	69688184	0.62	cps
Krypton	83-1	733	607	623	654	10.52	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:16:12	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1256470	1275379	1284341	1272063	1.12	cps
Lead	207-1	1092759	1100793	1116173	1103241	1.08	cps
Lead	208-1	5011490	5058703	5059558	5043250	0.55	cps
Lithium	6-1	2849881	3017755	2793107	2886914	4.05	cps
Magnesium	24-2	22678667	22612652	22574546	22621955	0.23	cps
Manganese	55-2	50575116	50139074	50034403	50249531	0.57	cps
Molybdenum	94-1	218661	221835	223166	221220	1.05	cps
Molybdenum	95-1	23122	23863	24193	23726	2.31	cps
Molybdenum	96-1	71065	71621	72140	71608	0.75	cps
Molybdenum	97-1	13980	14601	14414	14332	2.22	cps
Molybdenum	98-1	36091	36335	35707	36044	0.88	cps
Neodymium	150-1	330688	336919	340618	336075	1.49	cps
Neodymium	150-2	193456	193618	193056	193376	0.15	cps
Nickel	60-2	2123801	2107920	2110395	2114038	0.40	cps
Phosphorus	31-2	60844	60014	60546	60468	0.70	cps
Potassium	39-2	10730479	10873062	10761427	10788323	0.70	cps
Rhodium	103-1	28765659	28526519	28940408	28744195	0.72	cps
Rhodium	103-2	17005298	16875991	17045459	16975583	0.52	cps
Scandium	45-1	17246301	17293612	17127841	17222585	0.50	cps
Scandium	45-2	1428901	1418760	1408084	1418582	0.73	cps
Selenium	82-1	35689	36235	36306	36077	0.94	cps
Selenium	77-2	3944	3811	3724	3826	2.90	cps
Selenium	78-2	11948	11615	12048	11870	1.91	cps
Silicon	28-1	74084654	73774716	73132992	73664121	0.66	cps
Silver	107-1	1001350	1016486	1018769	1012202	0.94	cps
Silver	109-1	947770	961155	969153	959359	1.13	cps
Sodium	23-2	243656	245031	247307	245331	0.75	cps
Strontium	86-1	642753	655130	664203	654029	1.65	cps
Strontium	88-1	5803714	5903861	5806532	5838035	0.98	cps
Sulfur	34-1	272245	270145	268426	270272	0.71	cps
Terbium	159-1	35139259	34997492	35898188	35344979	1.37	cps
Terbium	159-2	23211356	22920558	23033915	23055276	0.64	cps
Thallium	203-1	789358	801646	813531	801512	1.51	cps
Thallium	205-1	1847449	1882816	1930131	1886799	2.20	cps
Tin	118-1	53887	53706	53884	53826	0.19	cps
Titanium	47-1	3030649	3026171	3010700	3022507	0.35	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:16:12	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56211	57517	57781	57170	1.47	cps
Vanadium	51-2	5758236	5638807	5612126	5669723	1.37	cps
Yttrium	89-1	43034146	43639673	43454216	43376012	0.72	cps
Yttrium	89-2	10839200	10768204	10830380	10812595	0.36	cps
Zinc	66-2	1198567	1200775	1195610	1198317	0.22	cps
Zirconium	90-1	560270	568855	573406	567510	1.18	cps
Zirconium	91-1	124301	128708	128167	127059	1.89	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MS	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:19:07	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24738825	24386162	24443191	24522726	0.77	cps
Antimony	121-1	7276545	7629243	7655383	7520391	2.81	cps
Arsenic	75-2	378498	377270	375550	377106	0.39	cps
Barium	135-1	37699060	39335625	40259565	39098084	3.32	cps
Barium	137-1	65028659	68877064	69407007	67770910	3.53	cps
Beryllium	9-1	296476	304648	310349	303824	2.30	cps
Bismuth	209-1	19644405	19075946	19266084	19328812	1.50	cps
Bismuth	209-2	14826676	14692377	14740577	14753210	0.46	cps
Bromine	81-1	22617	23232	23442	23097	1.86	cps
Bromine	81-2	1637	1727	1597	1653	4.03	cps
Cadmium	108-1	63405	67195	67178	65926	3.31	cps
Cadmium	106-1	99055	102592	102811	101486	2.08	cps
Cadmium	111-1	960054	1006897	1016751	994567	3.05	cps
Calcium	43-1	822226	846626	844238	837697	1.61	cps
Calcium	44-1	12966639	13331058	13385793	13227830	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7486311	7478546	7409435	7458097	0.57	cps
Cobalt	59-2	25580440	25465691	25353610	25466580	0.45	cps
Copper	63-2	11190303	11044777	10915003	11050028	1.25	cps
Dysprosium	156-1	170631	180511	181731	177624	3.43	cps
Dysprosium	156-2	150106	149041	149385	149510	0.36	cps
Erbium	164-1	135186	141205	140865	139086	2.43	cps
Erbium	164-2	97732	95060	94657	95817	1.74	cps
Gadolinium	160-1	158112	163037	167809	162986	2.98	cps
Gadolinium	160-2	117958	116651	117948	117519	0.64	cps
Holmium	165-1	34920939	34015539	33661196	34199224	1.90	cps
Holmium	165-2	22922533	22739566	22712001	22791367	0.50	cps
Indium	115-1	30386154	29563913	29551038	29833702	1.60	cps
Indium	115-2	9960713	9876105	9862405	9899741	0.54	cps
Iron	56-2	1236833315	1215203902	1219268649	1223768622	0.94	cps
Iron	57-2	30523277	30109382	30774920	30469193	1.10	cps
Iron	54-2	68124562	66582976	66617362	67108300	1.31	cps
Krypton	83-1	567	620	553	580	6.08	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MS	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:19:07	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1956395	1973342	2042615	1990784	2.29	cps
Lead	207-1	1663464	1716659	1760579	1713568	2.84	cps
Lead	208-1	7645274	7853785	8065490	7854850	2.67	cps
Lithium	6-1	2896048	2816949	2827706	2846901	1.51	cps
Magnesium	24-2	21469718	21397288	21260066	21375691	0.50	cps
Manganese	55-2	55922729	55116801	55100053	55379861	0.85	cps
Molybdenum	94-1	200517	212646	212790	208651	3.38	cps
Molybdenum	95-1	21396	22945	22878	22406	3.91	cps
Molybdenum	96-1	65714	68252	69256	67741	2.70	cps
Molybdenum	97-1	12989	13279	13873	13381	3.37	cps
Molybdenum	98-1	33194	34835	35039	34356	2.94	cps
Neodymium	150-1	306870	318531	323146	316183	2.65	cps
Neodymium	150-2	186223	182202	182954	183793	1.16	cps
Nickel	60-2	6942155	6805992	6937422	6895190	1.12	cps
Phosphorus	31-2	56899	57207	56925	57010	0.30	cps
Potassium	39-2	10138258	10237150	10195080	10190163	0.49	cps
Rhodium	103-1	28950809	28292541	28360440	28534597	1.27	cps
Rhodium	103-2	16649924	16467649	16523179	16546917	0.56	cps
Scandium	45-1	17183070	16868287	16937166	16996174	0.97	cps
Scandium	45-2	1407384	1413742	1398732	1406619	0.54	cps
Selenium	82-1	127935	132772	133288	131331	2.25	cps
Selenium	77-2	12732	12779	12445	12652	1.43	cps
Selenium	78-2	42257	41672	42317	42082	0.85	cps
Silicon	28-1	67281671	69664242	68716411	68554108	1.75	cps
Silver	107-1	3898103	3993637	4083256	3991666	2.32	cps
Silver	109-1	3721114	3843360	3885438	3816637	2.24	cps
Sodium	23-2	235826	234872	236479	235726	0.34	cps
Strontium	86-1	595570	619370	622388	612443	2.40	cps
Strontium	88-1	5322993	5483546	5568612	5458384	2.29	cps
Sulfur	34-1	262950	257413	256024	258795	1.42	cps
Terbium	159-1	35761797	34845211	35003389	35203466	1.39	cps
Terbium	159-2	22823875	22599134	22650432	22691147	0.52	cps
Thallium	203-1	3114604	3165575	3268836	3183005	2.47	cps
Thallium	205-1	7321803	7423036	7612008	7452282	1.98	cps
Tin	118-1	50190	51943	50826	50986	1.74	cps
Titanium	47-1	2749839	2834974	2851452	2812088	1.94	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MS	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:19:07	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52292	53758	54648	53566	2.22	cps
Vanadium	51-2	15434416	15447237	15362256	15414636	0.30	cps
Yttrium	89-1	44001364	42362309	42782659	43048778	1.98	cps
Yttrium	89-2	10601125	10505987	10530391	10545834	0.47	cps
Zinc	66-2	3334565	3309499	3287667	3310577	0.71	cps
Zirconium	90-1	512985	538423	545427	532278	3.21	cps
Zirconium	91-1	115544	120926	120883	119118	2.60	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-14	Instrumnet Name :	P7
Client Sample ID :	MYE587	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:21:59	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22036388	22620846	22196605	22284613	1.36	cps
Antimony	121-1	29590	29073	28912	29192	1.21	cps
Arsenic	75-2	193274	195801	196922	195332	0.96	cps
Barium	135-1	3059748	3137225	3124180	3107051	1.34	cps
Barium	137-1	5213925	5241894	5315465	5257095	1.00	cps
Beryllium	9-1	3395	3078	3128	3200	5.32	cps
Bismuth	209-1	19822618	18784016	19577619	19394751	2.80	cps
Bismuth	209-2	15041165	15061894	14958459	15020506	0.36	cps
Bromine	81-1	25148	25966	26030	25715	1.91	cps
Bromine	81-2	2257	2117	2260	2211	3.70	cps
Cadmium	108-1	800	847	893	847	5.51	cps
Cadmium	106-1	12028	11762	11728	11839	1.39	cps
Cadmium	111-1	14325	14292	14163	14260	0.60	cps
Calcium	43-1	1358689	1404306	1395242	1386079	1.74	cps
Calcium	44-1	21924591	22828628	22496439	22416553	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1249450	1224641	1232912	1235668	1.02	cps
Cobalt	59-2	987456	973290	971314	977353	0.90	cps
Copper	63-2	1974754	1957343	1961930	1964675	0.46	cps
Dysprosium	156-1	173774	179161	181025	177987	2.12	cps
Dysprosium	156-2	146630	149479	149186	148432	1.06	cps
Erbium	164-1	137398	141512	142474	140461	1.92	cps
Erbium	164-2	95597	96339	96027	95988	0.39	cps
Gadolinium	160-1	161793	163704	165764	163754	1.21	cps
Gadolinium	160-2	117693	117458	118250	117800	0.35	cps
Holmium	165-1	34940972	33624102	34417239	34327438	1.93	cps
Holmium	165-2	22913268	23238121	22804704	22985364	0.98	cps
Indium	115-1	30412632	29329174	29445762	29729190	2.00	cps
Indium	115-2	10192764	9997576	9937153	10042498	1.33	cps
Iron	56-2	1015870118	1006477265	1002893958	1008413781	0.66	cps
Iron	57-2	25282544	24873955	24815688	24990729	1.02	cps
Iron	54-2	55358648	54302789	55073411	54911616	0.99	cps
Krypton	83-1	583	570	603	586	2.86	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-14	Instrumnet Name :	P7
Client Sample ID :	MYE587	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:21:59	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	751127	766874	767672	761891	1.22	cps
Lead	207-1	641689	658298	659966	653318	1.55	cps
Lead	208-1	2942566	3004503	3012180	2986416	1.28	cps
Lithium	6-1	2878138	2773400	2823529	2825022	1.85	cps
Magnesium	24-2	20540681	20396733	20512964	20483459	0.37	cps
Manganese	55-2	26446462	25956551	26110271	26171095	0.96	cps
Molybdenum	94-1	188672	193064	194926	192221	1.67	cps
Molybdenum	95-1	14304	14958	15088	14783	2.84	cps
Molybdenum	96-1	55321	56602	57811	56578	2.20	cps
Molybdenum	97-1	8983	9270	9213	9155	1.66	cps
Molybdenum	98-1	22568	23259	23162	22996	1.63	cps
Neodymium	150-1	320045	325990	328614	324883	1.35	cps
Neodymium	150-2	185906	188124	188027	187352	0.67	cps
Nickel	60-2	491245	486431	485683	487786	0.62	cps
Phosphorus	31-2	55092	54738	54768	54866	0.36	cps
Potassium	39-2	9341112	9238426	9235120	9271553	0.65	cps
Rhodium	103-1	29375908	28187322	28778819	28780683	2.06	cps
Rhodium	103-2	17018316	16787424	16849429	16885056	0.71	cps
Scandium	45-1	17245362	16755516	16737816	16912898	1.70	cps
Scandium	45-2	1447185	1423091	1413042	1427773	1.23	cps
Selenium	82-1	2072	1997	1976	2015	2.52	cps
Selenium	77-2	607	667	650	641	4.83	cps
Selenium	78-2	1127	1067	1070	1088	3.10	cps
Silicon	28-1	75390531	76883654	76975721	76416635	1.16	cps
Silver	107-1	9903	9046	8619	9190	7.12	cps
Silver	109-1	9600	8663	8219	8827	7.99	cps
Sodium	23-2	286386	293138	289274	289599	1.17	cps
Strontium	86-1	564243	575216	578276	572578	1.29	cps
Strontium	88-1	5030168	5106025	5175372	5103855	1.42	cps
Sulfur	34-1	253601	252141	249806	251849	0.76	cps
Terbium	159-1	36066920	34382639	34860739	35103433	2.47	cps
Terbium	159-2	23011044	23023437	22893575	22976019	0.31	cps
Thallium	203-1	8836	8619	8543	8666	1.76	cps
Thallium	205-1	20686	20739	20168	20531	1.54	cps
Tin	118-1	55734	57618	56574	56642	1.67	cps
Titanium	47-1	2839352	2905899	2843092	2862781	1.31	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-14	Instrumnet Name :	P7
Client Sample ID :	MYE587	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:21:59	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53828	55020	55328	54725	1.45	cps
Vanadium	51-2	2110313	2090181	2073917	2091470	0.87	cps
Yttrium	89-1	43996158	42319831	43042436	43119475	1.95	cps
Yttrium	89-2	10906592	10619221	10696704	10740839	1.38	cps
Zinc	66-2	435001	439514	442566	439027	0.87	cps
Zirconium	90-1	492686	508359	509211	503419	1.85	cps
Zirconium	91-1	110045	114620	114579	113082	2.33	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-15	Instrumnet Name :	P7
Client Sample ID :	MYE588	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:24:59	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29013517	28809030	28925856	28916135	0.35	cps
Antimony	121-1	33840	34655	34866	34453	1.57	cps
Arsenic	75-2	234818	236155	234006	234993	0.46	cps
Barium	135-1	3628343	3710371	3707718	3682144	1.27	cps
Barium	137-1	6198852	6309328	6302713	6270298	0.99	cps
Beryllium	9-1	4001	3489	3817	3769	6.87	cps
Bismuth	209-1	19145479	18892072	19218716	19085422	0.90	cps
Bismuth	209-2	14946512	15188598	14814252	14983121	1.27	cps
Bromine	81-1	25021	26267	25996	25761	2.54	cps
Bromine	81-2	2407	2510	2620	2512	4.25	cps
Cadmium	108-1	1127	980	1143	1083	8.30	cps
Cadmium	106-1	12576	11932	12155	12221	2.68	cps
Cadmium	111-1	16300	16019	16177	16165	0.87	cps
Calcium	43-1	943470	952058	953469	949665	0.57	cps
Calcium	44-1	14845279	15133634	15125394	15034769	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1767035	1778737	1791788	1779187	0.70	cps
Cobalt	59-2	1251049	1267629	1260292	1259657	0.66	cps
Copper	63-2	2849904	2786986	2821364	2819418	1.12	cps
Dysprosium	156-1	214443	219615	219242	217766	1.32	cps
Dysprosium	156-2	181551	180335	180162	180683	0.42	cps
Erbium	164-1	171669	174951	175137	173919	1.12	cps
Erbium	164-2	119103	119439	119912	119485	0.34	cps
Gadolinium	160-1	199599	201353	206152	202368	1.68	cps
Gadolinium	160-2	145281	144415	146160	145285	0.60	cps
Holmium	165-1	33670805	33854380	33821764	33782316	0.29	cps
Holmium	165-2	23143206	23270852	22951832	23121964	0.69	cps
Indium	115-1	29532053	29442783	29888105	29620980	0.80	cps
Indium	115-2	10005874	10111409	9971472	10029585	0.73	cps
Iron	56-2	1257586168	1263679181	1268219928	1263161759	0.42	cps
Iron	57-2	31539110	31284440	31099545	31307698	0.70	cps
Iron	54-2	68045054	68891129	67777001	68237728	0.85	cps
Krypton	83-1	690	617	600	636	7.53	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-15	Instrumnet Name :	P7
Client Sample ID :	MYE588	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:24:59	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	927218	953652	952518	944463	1.58	cps
Lead	207-1	797887	816296	822952	812378	1.60	cps
Lead	208-1	3661344	3716365	3713804	3697171	0.84	cps
Lithium	6-1	2742730	2820931	2770002	2777888	1.43	cps
Magnesium	24-2	25925202	25577725	25866929	25789952	0.72	cps
Manganese	55-2	33311426	33998959	33483579	33597988	1.06	cps
Molybdenum	94-1	249875	254136	256597	253536	1.34	cps
Molybdenum	95-1	17320	17584	17888	17597	1.61	cps
Molybdenum	96-1	70268	71032	70968	70756	0.60	cps
Molybdenum	97-1	10364	10988	10647	10666	2.93	cps
Molybdenum	98-1	26701	27005	27108	26938	0.79	cps
Neodymium	150-1	389181	396970	401917	396023	1.62	cps
Neodymium	150-2	229469	229321	231583	230124	0.55	cps
Nickel	60-2	644389	636828	642745	641320	0.62	cps
Phosphorus	31-2	55754	55811	55855	55807	0.09	cps
Potassium	39-2	11770761	11859314	11641905	11757326	0.93	cps
Rhodium	103-1	28539468	28174112	28560223	28424601	0.76	cps
Rhodium	103-2	16646222	16889501	16908959	16814894	0.87	cps
Scandium	45-1	16989774	16981269	16935190	16968744	0.17	cps
Scandium	45-2	1410636	1423378	1417582	1417199	0.45	cps
Selenium	82-1	2009	2003	2335	2116	8.97	cps
Selenium	77-2	713	743	827	761	7.72	cps
Selenium	78-2	1220	1137	1183	1180	3.54	cps
Silicon	28-1	67811552	68736512	68110324	68219463	0.69	cps
Silver	107-1	12055	12539	12345	12313	1.98	cps
Silver	109-1	11228	11151	11545	11308	1.85	cps
Sodium	23-2	258460	258174	256757	257797	0.35	cps
Strontium	86-1	631348	647087	650122	642852	1.57	cps
Strontium	88-1	5712072	5800174	5845702	5785983	1.17	cps
Sulfur	34-1	236178	233203	233138	234173	0.74	cps
Terbium	159-1	34924296	34549416	34468429	34647380	0.70	cps
Terbium	159-2	22862425	23194045	22834334	22963601	0.87	cps
Thallium	203-1	9937	10061	10294	10097	1.80	cps
Thallium	205-1	23701	24028	24225	23985	1.10	cps
Tin	118-1	63081	63181	62810	63024	0.30	cps
Titanium	47-1	3403097	3556635	3507558	3489097	2.25	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-15	Instrumnet Name :	P7
Client Sample ID :	MYE588	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:24:59	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	68206	70274	72392	70291	2.98	cps
Vanadium	51-2	2441155	2493844	2452027	2462342	1.13	cps
Yttrium	89-1	43481033	43480338	43266028	43409133	0.29	cps
Yttrium	89-2	10778931	10876760	11016875	10890855	1.10	cps
Zinc	66-2	512931	514533	510726	512730	0.37	cps
Zirconium	90-1	652982	669966	671147	664699	1.53	cps
Zirconium	91-1	146184	148873	149566	148207	1.21	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-16	Instrumnet Name :	P7
Client Sample ID :	MYE589	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:28:00	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29513406	29402923	29141676	29352668	0.65	cps
Antimony	121-1	48448	50485	49846	49593	2.10	cps
Arsenic	75-2	250843	249716	248599	249719	0.45	cps
Barium	135-1	4288677	4449085	4491094	4409618	2.42	cps
Barium	137-1	7253112	7602966	7719946	7525341	3.23	cps
Beryllium	9-1	2834	2906	2978	2906	2.49	cps
Bismuth	209-1	19289893	19336491	19602718	19409701	0.87	cps
Bismuth	209-2	15014151	15085245	14992964	15030787	0.32	cps
Bromine	81-1	21930	22584	22491	22335	1.58	cps
Bromine	81-2	1583	1737	1690	1670	4.71	cps
Cadmium	108-1	963	917	910	930	3.12	cps
Cadmium	106-1	11808	12235	12095	12046	1.81	cps
Cadmium	111-1	14450	14955	15081	14829	2.25	cps
Calcium	43-1	816402	846456	848887	837248	2.16	cps
Calcium	44-1	13072204	13413322	13565828	13350451	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2345020	2353436	2290546	2329668	1.47	cps
Cobalt	59-2	1812461	1812841	1807403	1810902	0.17	cps
Copper	63-2	3182929	3152942	3097220	3144364	1.38	cps
Dysprosium	156-1	188507	197607	202198	196104	3.55	cps
Dysprosium	156-2	157994	161705	159440	159713	1.17	cps
Erbium	164-1	159729	167346	170463	165846	3.33	cps
Erbium	164-2	114034	114797	113114	113981	0.74	cps
Gadolinium	160-1	180332	189591	190848	186924	3.07	cps
Gadolinium	160-2	134364	135023	135286	134891	0.35	cps
Holmium	165-1	33307675	34471109	34858582	34212455	2.36	cps
Holmium	165-2	23417199	23353109	23197707	23322672	0.48	cps
Indium	115-1	29554430	29786950	30197412	29846264	1.09	cps
Indium	115-2	10144676	10128611	10133650	10135646	0.08	cps
Iron	56-2	1869119332	1872980132	1831223333	1857774266	1.24	cps
Iron	57-2	45626119	45858443	45993076	45825879	0.41	cps
Iron	54-2	101217335	100515955	99423872	100385721	0.90	cps
Krypton	83-1	537	610	630	592	8.30	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-16	Instrumnet Name :	P7
Client Sample ID :	MYE589	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:28:00	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	962899	1017996	1030346	1003747	3.58	cps
Lead	207-1	850571	897762	910693	886342	3.57	cps
Lead	208-1	3869646	4041001	4083011	3997886	2.83	cps
Lithium	6-1	2821732	2781463	2737892	2780362	1.51	cps
Magnesium	24-2	32551042	32037160	32358177	32315460	0.80	cps
Manganese	55-2	71761234	71768179	70159529	71229647	1.30	cps
Molybdenum	94-1	173379	178257	179593	177076	1.85	cps
Molybdenum	95-1	27957	29707	28908	28857	3.04	cps
Molybdenum	96-1	71638	75932	76586	74719	3.60	cps
Molybdenum	97-1	16466	17748	17677	17297	4.17	cps
Molybdenum	98-1	42321	43498	44284	43368	2.28	cps
Neodymium	150-1	307978	324196	326604	319593	3.17	cps
Neodymium	150-2	187007	184244	186141	185797	0.76	cps
Nickel	60-2	675897	671118	672005	673007	0.38	cps
Phosphorus	31-2	59411	60572	58980	59654	1.38	cps
Potassium	39-2	11170846	11283236	11069942	11174675	0.95	cps
Rhodium	103-1	27973784	28527820	28813874	28438492	1.50	cps
Rhodium	103-2	17029739	16790881	17044248	16954956	0.84	cps
Scandium	45-1	17290795	17267055	17476187	17344679	0.66	cps
Scandium	45-2	1460300	1458255	1428910	1449155	1.21	cps
Selenium	82-1	2170	2090	2127	2129	1.87	cps
Selenium	77-2	717	710	657	694	4.74	cps
Selenium	78-2	1127	1167	1107	1133	2.70	cps
Silicon	28-1	55816949	57699752	59496984	57671229	3.19	cps
Silver	107-1	6902	6992	7182	7025	2.04	cps
Silver	109-1	6295	6508	6642	6482	2.70	cps
Sodium	23-2	289297	290132	289898	289776	0.15	cps
Strontium	86-1	698202	727232	738954	721462	2.91	cps
Strontium	88-1	6289686	6482179	6620841	6464235	2.57	cps
Sulfur	34-1	252338	252913	250974	252075	0.39	cps
Terbium	159-1	35075365	35191512	35236806	35167894	0.24	cps
Terbium	159-2	23213347	23315325	23023906	23184193	0.64	cps
Thallium	203-1	7332	7412	7886	7543	3.97	cps
Thallium	205-1	17581	17882	18239	17901	1.84	cps
Tin	118-1	54041	57337	58097	56491	3.82	cps
Titanium	47-1	2992437	3115104	3127118	3078220	2.42	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-16	Instrumnet Name :	P7
Client Sample ID :	MYE589	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:28:00	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55318	58675	58190	57394	3.16	cps
Vanadium	51-2	3477989	3474590	3442634	3465071	0.56	cps
Yttrium	89-1	43123223	43652601	43673968	43483264	0.72	cps
Yttrium	89-2	10932529	10833706	10856675	10874303	0.48	cps
Zinc	66-2	667371	667197	665876	666814	0.12	cps
Zirconium	90-1	420545	438681	445284	434837	2.95	cps
Zirconium	91-1	93988	99565	100699	98084	3.66	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-17	Instrumnet Name :	P7
Client Sample ID :	MYE590	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:30:58	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27077993	26533435	26612772	26741400	1.10	cps
Antimony	121-1	39150	39611	40176	39646	1.30	cps
Arsenic	75-2	265006	265352	264922	265093	0.09	cps
Barium	135-1	3527890	3631162	3714977	3624677	2.59	cps
Barium	137-1	6139671	6217056	6264316	6207014	1.01	cps
Beryllium	9-1	3817	3267	3445	3510	8.00	cps
Bismuth	209-1	18777981	19890964	19870506	19513150	3.26	cps
Bismuth	209-2	15521964	15241356	15127493	15296938	1.33	cps
Bromine	81-1	24754	25616	26344	25571	3.11	cps
Bromine	81-2	2287	2117	2260	2221	4.12	cps
Cadmium	108-1	1123	1077	1077	1092	2.47	cps
Cadmium	106-1	12499	12455	12439	12464	0.25	cps
Cadmium	111-1	15782	15964	15749	15832	0.73	cps
Calcium	43-1	1082217	1101475	1102309	1095334	1.04	cps
Calcium	44-1	17204086	17509353	17336572	17350003	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1691940	1665247	1681167	1679451	0.80	cps
Cobalt	59-2	1366825	1355958	1365303	1362695	0.43	cps
Copper	63-2	2828978	2820283	2836488	2828583	0.29	cps
Dysprosium	156-1	204340	205523	208701	206188	1.09	cps
Dysprosium	156-2	166891	169790	168254	168312	0.86	cps
Erbium	164-1	164327	167953	167562	166614	1.19	cps
Erbium	164-2	112911	112142	111426	112160	0.66	cps
Gadolinium	160-1	182013	189139	190579	187244	2.45	cps
Gadolinium	160-2	137109	134949	134131	135397	1.14	cps
Holmium	165-1	33885986	34681564	35130706	34566086	1.82	cps
Holmium	165-2	23568692	23340851	23181370	23363638	0.83	cps
Indium	115-1	29296384	30168750	30671878	30045671	2.32	cps
Indium	115-2	10289743	10336521	10185684	10270649	0.75	cps
Iron	56-2	1372786700	1379900833	1362198753	1371628762	0.65	cps
Iron	57-2	33655755	33855754	33470809	33660772	0.57	cps
Iron	54-2	74311794	73669029	74640681	74207168	0.67	cps
Krypton	83-1	617	630	690	646	6.05	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-17	Instrumnet Name :	P7
Client Sample ID :	MYE590	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:30:58	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1007314	1039677	1049019	1032003	2.12	cps
Lead	207-1	871611	899665	906524	892600	2.07	cps
Lead	208-1	3959193	4143072	4167628	4089964	2.79	cps
Lithium	6-1	2791430	2769731	2796960	2786040	0.52	cps
Magnesium	24-2	27290615	26721490	26545452	26852519	1.45	cps
Manganese	55-2	35989505	36245460	35659302	35964756	0.82	cps
Molybdenum	94-1	241663	249491	248616	246590	1.74	cps
Molybdenum	95-1	19690	19850	20364	19968	1.76	cps
Molybdenum	96-1	72917	73795	75530	74081	1.80	cps
Molybdenum	97-1	11788	12032	12389	12070	2.50	cps
Molybdenum	98-1	30856	30926	30756	30846	0.28	cps
Neodymium	150-1	355337	361482	362569	359796	1.08	cps
Neodymium	150-2	208512	209775	207390	208559	0.57	cps
Nickel	60-2	656658	651220	655272	654383	0.43	cps
Phosphorus	31-2	60901	61851	61315	61356	0.78	cps
Potassium	39-2	11697782	11827799	11897592	11807724	0.86	cps
Rhodium	103-1	28208060	28893420	29042537	28714673	1.55	cps
Rhodium	103-2	17073250	17225663	17250086	17182999	0.56	cps
Scandium	45-1	17029854	17491756	17179033	17233548	1.37	cps
Scandium	45-2	1481034	1447210	1468795	1465680	1.17	cps
Selenium	82-1	2185	2278	2237	2233	2.09	cps
Selenium	77-2	700	673	663	679	2.79	cps
Selenium	78-2	1060	1187	1040	1096	7.26	cps
Silicon	28-1	72799386	72784427	72159331	72581048	0.50	cps
Silver	107-1	10544	10517	10878	10646	1.89	cps
Silver	109-1	9700	10107	10077	9961	2.28	cps
Sodium	23-2	259381	258160	258176	258572	0.27	cps
Strontium	86-1	589705	598404	607691	598600	1.50	cps
Strontium	88-1	5253376	5380313	5357113	5330267	1.27	cps
Sulfur	34-1	263909	257922	257753	259861	1.35	cps
Terbium	159-1	34884397	35585192	35981652	35483747	1.57	cps
Terbium	159-2	23849813	23755289	23279818	23628307	1.29	cps
Thallium	203-1	8473	8780	8793	8682	2.09	cps
Thallium	205-1	19778	20282	20616	20225	2.09	cps
Tin	118-1	59616	61551	61029	60732	1.65	cps
Titanium	47-1	3154845	3235404	3252321	3214190	1.62	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-17	Instrumnet Name :	P7
Client Sample ID :	MYE590	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:30:58	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60882	62064	63537	62161	2.14	cps
Vanadium	51-2	2820027	2812276	2836964	2823089	0.45	cps
Yttrium	89-1	42654868	44313221	44106266	43691452	2.07	cps
Yttrium	89-2	11135945	11177287	10885008	11066080	1.43	cps
Zinc	66-2	535029	534700	532414	534047	0.27	cps
Zirconium	90-1	628835	642508	649962	640435	1.67	cps
Zirconium	91-1	139691	144743	145854	143429	2.29	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-18	Instrumnet Name :	P7
Client Sample ID :	MYE591	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:33:58	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23630253	23753426	24172945	23852208	1.19	cps
Antimony	121-1	35377	36881	37265	36508	2.73	cps
Arsenic	75-2	209055	205895	206357	207102	0.82	cps
Barium	135-1	4544545	4823425	4756727	4708232	3.09	cps
Barium	137-1	7681954	8165518	8248872	8032114	3.81	cps
Beryllium	9-1	3567	3945	4017	3843	6.29	cps
Bismuth	209-1	20047179	20155818	19738496	19980498	1.08	cps
Bismuth	209-2	15403190	15403960	15392513	15399888	0.04	cps
Bromine	81-1	23933	24601	24921	24485	2.06	cps
Bromine	81-2	1853	2027	2120	2000	6.77	cps
Cadmium	108-1	1473	1423	1487	1461	2.29	cps
Cadmium	106-1	13687	13273	13059	13340	2.39	cps
Cadmium	111-1	21949	22882	22745	22525	2.24	cps
Calcium	43-1	782117	826662	825120	811300	3.12	cps
Calcium	44-1	12652457	13177837	13019307	12949867	2.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1348164	1330839	1304580	1327861	1.65	cps
Cobalt	59-2	1285486	1291463	1278836	1285261	0.49	cps
Copper	63-2	3990793	4013148	4087392	4030444	1.25	cps
Dysprosium	156-1	193791	206084	208560	202812	3.90	cps
Dysprosium	156-2	170468	173503	170529	171500	1.01	cps
Erbium	164-1	153972	164594	165933	161500	4.06	cps
Erbium	164-2	110607	110142	110563	110438	0.23	cps
Gadolinium	160-1	173445	183124	187402	181324	3.94	cps
Gadolinium	160-2	133328	133378	131884	132863	0.64	cps
Holmium	165-1	34992633	35055352	34898615	34982200	0.23	cps
Holmium	165-2	23359305	23216637	23488856	23354933	0.58	cps
Indium	115-1	30745793	30488175	30023638	30419202	1.20	cps
Indium	115-2	10265921	10210488	10100849	10192419	0.82	cps
Iron	56-2	1173926943	1181847689	1179159182	1178311271	0.34	cps
Iron	57-2	28926226	28765200	28562258	28751228	0.63	cps
Iron	54-2	63912746	63805876	64018001	63912207	0.17	cps
Krypton	83-1	560	597	580	579	3.17	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-18	Instrumnet Name :	P7
Client Sample ID :	MYE591	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:33:58	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1605923	1693653	1720851	1673476	3.59	cps
Lead	207-1	1396143	1477647	1492485	1455425	3.56	cps
Lead	208-1	6383973	6730973	6768080	6627676	3.20	cps
Lithium	6-1	2955040	2797361	2812890	2855097	3.04	cps
Magnesium	24-2	22534169	22559271	22594120	22562520	0.13	cps
Manganese	55-2	50235636	49977676	50325693	50179668	0.36	cps
Molybdenum	94-1	233265	243143	244766	240391	2.59	cps
Molybdenum	95-1	16503	17901	17197	17200	4.06	cps
Molybdenum	96-1	66116	68972	69869	68319	2.87	cps
Molybdenum	97-1	9833	10911	10370	10372	5.19	cps
Molybdenum	98-1	25239	26648	26671	26186	3.13	cps
Neodymium	150-1	335955	358359	361196	351837	3.93	cps
Neodymium	150-2	204615	206466	205022	205368	0.47	cps
Nickel	60-2	537868	526639	529881	531463	1.09	cps
Phosphorus	31-2	66912	68666	69725	68434	2.08	cps
Potassium	39-2	11614249	11795622	11792491	11734121	0.88	cps
Rhodium	103-1	29954860	28966056	28993200	29304705	1.92	cps
Rhodium	103-2	17167326	17164729	16829708	17053921	1.14	cps
Scandium	45-1	17382041	17215120	16968263	17188474	1.21	cps
Scandium	45-2	1462269	1460754	1442005	1455009	0.78	cps
Selenium	82-1	2288	2152	2193	2211	3.17	cps
Selenium	77-2	733	743	733	737	0.78	cps
Selenium	78-2	1057	1130	1170	1119	5.14	cps
Silicon	28-1	86597172	91230175	89690125	89172491	2.65	cps
Silver	107-1	21423	22047	22491	21987	2.44	cps
Silver	109-1	19597	21326	20955	20626	4.41	cps
Sodium	23-2	265035	266151	265310	265498	0.22	cps
Strontium	86-1	607748	639747	649806	632434	3.47	cps
Strontium	88-1	5386050	5742233	5810860	5646381	4.04	cps
Sulfur	34-1	269690	265530	262722	265981	1.32	cps
Terbium	159-1	36445217	35850494	36377769	36224493	0.90	cps
Terbium	159-2	23737151	23439046	23235035	23470411	1.08	cps
Thallium	203-1	11812	12282	12639	12244	3.39	cps
Thallium	205-1	27798	29776	30060	29211	4.22	cps
Tin	118-1	58154	62923	61939	61005	4.13	cps
Titanium	47-1	2712733	2776715	2807729	2765726	1.75	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-18	Instrumnet Name :	P7
Client Sample ID :	MYE591	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:33:58	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60855	65634	66049	64179	4.50	cps
Vanadium	51-2	2428672	2422415	2414298	2421795	0.30	cps
Yttrium	89-1	44441709	43436446	43749216	43875790	1.17	cps
Yttrium	89-2	10933979	10760657	10781768	10825468	0.87	cps
Zinc	66-2	678653	685753	679303	681236	0.58	cps
Zirconium	90-1	599715	640806	644403	628308	3.95	cps
Zirconium	91-1	135028	142706	142554	140096	3.13	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-19	Instrumnet Name :	P7
Client Sample ID :	MYE592	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:36:58	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27330620	27315786	27474914	27373773	0.32	cps
Antimony	121-1	39504	39748	39812	39688	0.41	cps
Arsenic	75-2	258919	259304	259295	259173	0.08	cps
Barium	135-1	4737878	4882312	4927508	4849233	2.04	cps
Barium	137-1	8288412	8441801	8414163	8381459	0.98	cps
Beryllium	9-1	4423	4623	4451	4499	2.41	cps
Bismuth	209-1	19339467	19495350	19569336	19468051	0.60	cps
Bismuth	209-2	15179836	15108450	15140938	15143074	0.24	cps
Bromine	81-1	25839	25599	26210	25883	1.19	cps
Bromine	81-2	2217	2020	2257	2165	5.85	cps
Cadmium	108-1	1663	1850	1863	1792	6.24	cps
Cadmium	106-1	13310	13523	13556	13463	0.99	cps
Cadmium	111-1	24078	24847	24861	24596	1.82	cps
Calcium	43-1	882338	892767	900531	891878	1.02	cps
Calcium	44-1	14019709	14330340	14067677	14139242	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1506308	1493792	1483220	1494440	0.77	cps
Cobalt	59-2	1423765	1450785	1438611	1437721	0.94	cps
Copper	63-2	4579410	4629696	4606993	4605366	0.55	cps
Dysprosium	156-1	220722	224138	226217	223692	1.24	cps
Dysprosium	156-2	185575	184272	185863	185237	0.46	cps
Erbium	164-1	175022	183413	183255	180564	2.66	cps
Erbium	164-2	121455	118951	121994	120800	1.34	cps
Gadolinium	160-1	196840	204703	202507	201350	2.01	cps
Gadolinium	160-2	143516	144358	142267	143381	0.73	cps
Holmium	165-1	34510318	34819254	34976368	34768647	0.68	cps
Holmium	165-2	23086340	23334923	23297921	23239728	0.58	cps
Indium	115-1	29714943	30006111	29844769	29855274	0.49	cps
Indium	115-2	9991473	10054353	10048809	10031545	0.35	cps
Iron	56-2	1323316060	1342025767	1316222887	1327188238	1.00	cps
Iron	57-2	33223243	33594527	33081771	33299847	0.80	cps
Iron	54-2	72079902	71568626	71086914	71578481	0.69	cps
Krypton	83-1	673	703	637	671	4.98	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-19	Instrumnet Name :	P7
Client Sample ID :	MYE592	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:36:58	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1958534	2052241	2019788	2010188	2.37	cps
Lead	207-1	1713093	1756086	1748330	1739170	1.32	cps
Lead	208-1	7712604	7948422	7950472	7870499	1.74	cps
Lithium	6-1	2755717	2769374	2827403	2784165	1.37	cps
Magnesium	24-2	25668246	25830963	25943667	25814292	0.54	cps
Manganese	55-2	47671511	47325619	46942124	47313085	0.77	cps
Molybdenum	94-1	285760	291064	290764	289196	1.03	cps
Molybdenum	95-1	23135	23456	24424	23671	2.83	cps
Molybdenum	96-1	83315	84928	85545	84596	1.36	cps
Molybdenum	97-1	14391	14434	14601	14475	0.77	cps
Molybdenum	98-1	35857	36151	36228	36079	0.54	cps
Neodymium	150-1	382906	393510	394261	390226	1.63	cps
Neodymium	150-2	223768	222448	222516	222911	0.33	cps
Nickel	60-2	591126	588684	593139	590983	0.38	cps
Phosphorus	31-2	67401	67012	65757	66724	1.29	cps
Potassium	39-2	13361476	13295031	13201389	13285965	0.61	cps
Rhodium	103-1	28592049	28752533	28448165	28597582	0.53	cps
Rhodium	103-2	16726841	16879729	16959593	16855388	0.70	cps
Scandium	45-1	17066024	17055262	16917042	17012776	0.49	cps
Scandium	45-2	1418332	1416833	1402469	1412545	0.62	cps
Selenium	82-1	2220	2287	2227	2244	1.65	cps
Selenium	77-2	600	833	747	727	16.23	cps
Selenium	78-2	1037	1143	1203	1128	7.49	cps
Silicon	28-1	87429645	90165092	89729809	89108182	1.65	cps
Silver	107-1	25249	26367	26147	25921	2.29	cps
Silver	109-1	23629	24284	24531	24148	1.93	cps
Sodium	23-2	299518	297761	301228	299502	0.58	cps
Strontium	86-1	639970	656570	662761	653101	1.80	cps
Strontium	88-1	5801583	5850600	5926607	5859597	1.08	cps
Sulfur	34-1	286852	286613	284809	286092	0.39	cps
Terbium	159-1	35527604	35506177	35813844	35615875	0.48	cps
Terbium	159-2	22982540	23240744	23185595	23136293	0.59	cps
Thallium	203-1	13610	13834	13961	13802	1.29	cps
Thallium	205-1	31293	32746	32506	32181	2.42	cps
Tin	118-1	71701	74256	74538	73498	2.13	cps
Titanium	47-1	3120856	3289370	3243820	3218016	2.71	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-19	Instrumnet Name :	P7
Client Sample ID :	MYE592	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:36:58	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	74732	75998	75483	75404	0.84	cps
Vanadium	51-2	2708217	2725272	2719983	2717824	0.32	cps
Yttrium	89-1	43339711	43964111	43715314	43673045	0.72	cps
Yttrium	89-2	10819833	10860457	10821577	10833956	0.21	cps
Zinc	66-2	770826	772013	764632	769157	0.52	cps
Zirconium	90-1	735063	758125	760152	751113	1.86	cps
Zirconium	91-1	163499	168228	170508	167412	2.14	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-20	Instrumnet Name :	P7
Client Sample ID :	MYE593	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:39:58	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31504682	30609751	31189674	31101369	1.46	cps
Antimony	121-1	47662	47635	47645	47648	0.03	cps
Arsenic	75-2	268763	266891	263846	266500	0.93	cps
Barium	135-1	3784992	3899025	3856997	3847005	1.50	cps
Barium	137-1	6464393	6707621	6565251	6579088	1.86	cps
Beryllium	9-1	3973	4401	4423	4265	5.95	cps
Bismuth	209-1	19118736	19271371	19279466	19223191	0.47	cps
Bismuth	209-2	14860496	14758726	14874440	14831221	0.43	cps
Bromine	81-1	26501	27132	27048	26893	1.27	cps
Bromine	81-2	2650	2494	2567	2570	3.05	cps
Cadmium	108-1	1153	1157	1177	1162	1.09	cps
Cadmium	106-1	12642	12312	12626	12527	1.49	cps
Cadmium	111-1	15898	15738	16140	15925	1.27	cps
Calcium	43-1	1073451	1093582	1096005	1087679	1.14	cps
Calcium	44-1	17035411	17208854	17432573	17225613	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1830679	1835573	1854867	1840373	0.69	cps
Cobalt	59-2	1445665	1429826	1430323	1435271	0.63	cps
Copper	63-2	2826870	2889683	2842534	2853029	1.15	cps
Dysprosium	156-1	230865	237224	238314	235468	1.71	cps
Dysprosium	156-2	193974	193609	193636	193740	0.10	cps
Erbium	164-1	186167	191490	190913	189523	1.54	cps
Erbium	164-2	128239	128349	128656	128415	0.17	cps
Gadolinium	160-1	215494	223481	221606	220194	1.90	cps
Gadolinium	160-2	155961	155269	155704	155645	0.22	cps
Holmium	165-1	33174442	33747800	34013691	33645311	1.27	cps
Holmium	165-2	23180112	22819612	22673512	22891079	1.14	cps
Indium	115-1	29136961	29651929	29203653	29330847	0.95	cps
Indium	115-2	9985171	9820004	9878991	9894722	0.85	cps
Iron	56-2	1463742645	1473710911	1473551818	1470335125	0.39	cps
Iron	57-2	37081629	36930101	36814298	36942009	0.36	cps
Iron	54-2	80781902	79003620	80671327	80152283	1.24	cps
Krypton	83-1	627	677	673	659	4.24	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-20	Instrumnet Name :	P7
Client Sample ID :	MYE593	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:39:58	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	911560	933614	939385	928186	1.58	cps
Lead	207-1	782218	801575	806041	796611	1.59	cps
Lead	208-1	3596242	3656197	3687788	3646742	1.28	cps
Lithium	6-1	2763411	2693997	2758660	2738690	1.42	cps
Magnesium	24-2	28143165	28002077	27999613	28048285	0.29	cps
Manganese	55-2	34043747	33645046	33833231	33840675	0.59	cps
Molybdenum	94-1	315500	321984	321773	319752	1.15	cps
Molybdenum	95-1	21523	22177	22060	21920	1.59	cps
Molybdenum	96-1	87493	89117	90954	89188	1.94	cps
Molybdenum	97-1	13340	13243	13486	13356	0.92	cps
Molybdenum	98-1	32844	33632	33405	33293	1.22	cps
Neodymium	150-1	420572	430372	431313	427419	1.39	cps
Neodymium	150-2	244113	245842	243984	244646	0.42	cps
Nickel	60-2	680045	691856	685546	685816	0.86	cps
Phosphorus	31-2	67548	68044	68402	67998	0.63	cps
Potassium	39-2	14082081	14032588	14022141	14045604	0.23	cps
Rhodium	103-1	27806774	28068087	28489167	28121343	1.22	cps
Rhodium	103-2	16813514	16419523	16363800	16532279	1.48	cps
Scandium	45-1	16640377	16951923	17104129	16898810	1.40	cps
Scandium	45-2	1411080	1419709	1402381	1411057	0.61	cps
Selenium	82-1	2035	2054	2080	2057	1.09	cps
Selenium	77-2	883	840	880	868	2.78	cps
Selenium	78-2	1207	1233	1093	1178	6.31	cps
Silicon	28-1	68149662	69186921	68752524	68696369	0.76	cps
Silver	107-1	10254	10654	10367	10425	1.98	cps
Silver	109-1	9293	9713	9493	9500	2.21	cps
Sodium	23-2	270807	268469	270422	269899	0.46	cps
Strontium	86-1	667953	684898	695329	682727	2.02	cps
Strontium	88-1	6028952	6093334	6222938	6115074	1.62	cps
Sulfur	34-1	251070	251408	250097	250858	0.27	cps
Terbium	159-1	34350942	35247469	34775376	34791262	1.29	cps
Terbium	159-2	22766549	22475486	22559589	22600541	0.66	cps
Thallium	203-1	10621	10984	10364	10656	2.93	cps
Thallium	205-1	24262	25501	25487	25083	2.84	cps
Tin	118-1	77514	78000	78938	78150	0.93	cps
Titanium	47-1	3984353	4033941	4070991	4029762	1.08	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-20	Instrumnet Name :	P7
Client Sample ID :	MYE593	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:39:58	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	72185	73052	73746	72994	1.07	cps
Vanadium	51-2	2867733	2815206	2853521	2845487	0.95	cps
Yttrium	89-1	42285251	43277209	43612706	43058389	1.60	cps
Yttrium	89-2	10869766	10705637	10605967	10727123	1.24	cps
Zinc	66-2	555062	558884	551840	555262	0.64	cps
Zirconium	90-1	820650	840656	839789	833698	1.36	cps
Zirconium	91-1	182726	187350	188575	186217	1.66	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:42:56	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24532362	25136212	24731459	24800011	1.24	cps
Antimony	121-1	12958261	12938551	13008355	12968389	0.28	cps
Arsenic	75-2	686053	680130	680975	682386	0.47	cps
Barium	135-1	15209100	15304560	15353073	15288911	0.48	cps
Barium	137-1	26166375	26033401	26158838	26119538	0.29	cps
Beryllium	9-1	1096894	1133672	1144028	1124865	2.20	cps
Bismuth	209-1	18396309	18018696	17836529	18083845	1.58	cps
Bismuth	209-2	13701122	13839210	13843247	13794526	0.59	cps
Bromine	81-1	16406	16249	16022	16226	1.19	cps
Bromine	81-2	210	180	197	196	7.69	cps
Cadmium	108-1	247310	250000	247610	248306	0.59	cps
Cadmium	106-1	355541	358062	359215	357606	0.53	cps
Cadmium	111-1	3408011	3442435	3401435	3417294	0.64	cps
Calcium	43-1	16085070	16351799	16207479	16214782	0.82	cps
Calcium	44-1	259692123	260281543	263365663	261113109	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5116498	5040243	5082366	5079702	0.75	cps
Cobalt	59-2	8465657	8341382	8526544	8444528	1.12	cps
Copper	63-2	60979854	60733269	61665137	61126087	0.79	cps
Dysprosium	156-1	730	663	677	690	5.11	cps
Dysprosium	156-2	880	960	967	936	5.15	cps
Erbium	164-1	707	730	743	727	2.55	cps
Erbium	164-2	460	443	493	466	5.47	cps
Gadolinium	160-1	560	570	583	571	2.05	cps
Gadolinium	160-2	1370	1173	1367	1303	8.64	cps
Holmium	165-1	33505738	33066432	33154505	33242225	0.70	cps
Holmium	165-2	22056252	22480806	22383316	22306791	1.00	cps
Indium	115-1	28672869	28342391	27962524	28325928	1.25	cps
Indium	115-2	9603714	9661128	9623208	9629350	0.30	cps
Iron	56-2	1125731797	1133574143	1142990890	1134098943	0.76	cps
Iron	57-2	28208242	28557307	28668108	28477886	0.84	cps
Iron	54-2	61309041	61690492	61875791	61625108	0.47	cps
Krypton	83-1	420	373	400	398	5.89	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:42:56	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41651914	41675559	42118154	41815209	0.63	cps
Lead	207-1	36970969	36917536	37095093	36994533	0.25	cps
Lead	208-1	167153651	167819457	167844809	167605972	0.23	cps
Lithium	6-1	2775997	2711908	2806830	2764912	1.75	cps
Magnesium	24-2	212169730	213374710	215181643	213575361	0.71	cps
Manganese	55-2	37889908	38106634	38024794	38007112	0.29	cps
Molybdenum	94-1	46772434	47648464	47109561	47176820	0.94	cps
Molybdenum	95-1	66986969	68810434	67897517	67898307	1.34	cps
Molybdenum	96-1	74628876	74815149	74877566	74773863	0.17	cps
Molybdenum	97-1	42439954	42651046	41929296	42340099	0.88	cps
Molybdenum	98-1	109472062	109341085	108841782	109218309	0.30	cps
Neodymium	150-1	897	907	830	878	4.75	cps
Neodymium	150-2	293	223	260	259	13.52	cps
Nickel	60-2	2151188	2171595	2168471	2163751	0.51	cps
Phosphorus	31-2	244543	243803	242193	243513	0.49	cps
Potassium	39-2	130511015	131292551	131327361	131043642	0.35	cps
Rhodium	103-1	26936856	26274426	26076395	26429226	1.71	cps
Rhodium	103-2	15357069	15390299	15482146	15409838	0.42	cps
Scandium	45-1	15920983	15755253	15746509	15807581	0.62	cps
Scandium	45-2	1294166	1290730	1328190	1304362	1.59	cps
Selenium	82-1	198667	198739	200076	199161	0.40	cps
Selenium	77-2	18658	19223	19870	19250	3.15	cps
Selenium	78-2	63305	64034	64168	63836	0.73	cps
Silicon	28-1	7904836	8039662	7961204	7968567	0.85	cps
Silver	107-1	16813513	17068404	16945657	16942525	0.75	cps
Silver	109-1	16077655	16113525	16040602	16077261	0.23	cps
Sodium	23-2	341388022	335400622	341011755	339266799	0.99	cps
Strontium	86-1	4258669	4291095	4265044	4271603	0.40	cps
Strontium	88-1	37477899	37758897	37758309	37665035	0.43	cps
Sulfur	34-1	1226178	1222695	1220582	1223152	0.23	cps
Terbium	159-1	34976797	34143231	33869480	34329836	1.68	cps
Terbium	159-2	22193419	22204610	22539085	22312371	0.88	cps
Thallium	203-1	10534356	10496291	10509806	10513484	0.18	cps
Thallium	205-1	24683460	24987999	25037474	24902977	0.77	cps
Tin	118-1	10504704	10606339	10702989	10604678	0.93	cps
Titanium	47-1	15806911	15826719	15760724	15798118	0.21	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:42:56	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32095826	32327361	32214348	32212512	0.36	cps
Vanadium	51-2	4519629	4480611	4465006	4488415	0.63	cps
Yttrium	89-1	40017512	39578646	39632199	39742786	0.60	cps
Yttrium	89-2	9858113	9873893	9977427	9903144	0.65	cps
Zinc	66-2	9669852	9627066	9765128	9687349	0.73	cps
Zirconium	90-1	22714220	23101483	22847176	22887627	0.86	cps
Zirconium	91-1	4979664	5082100	5058765	5040176	1.07	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:45:39	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	507	543	470	507	7.24	cps
Antimony	121-1	6005	6168	7852	6675	15.32	cps
Arsenic	75-2	43	33	57	44	26.35	cps
Barium	135-1	1790	640	307	912	85.32	cps
Barium	137-1	3127	1090	610	1609	83.05	cps
Beryllium	9-1	250	206	83	180	48.05	cps
Bismuth	209-1	18904976	18998296	19062959	18988744	0.42	cps
Bismuth	209-2	15385979	15109616	15222417	15239337	0.91	cps
Bromine	81-1	15485	15135	15708	15443	1.87	cps
Bromine	81-2	187	157	160	168	9.80	cps
Cadmium	108-1	67	43	33	48	35.81	cps
Cadmium	106-1	9860	9730	9677	9756	0.97	cps
Cadmium	111-1	7405	7011	6844	7087	4.07	cps
Calcium	43-1	2710	1263	890	1621	59.30	cps
Calcium	44-1	83088	60359	53650	65699	23.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1983	2020	1880	1961	3.70	cps
Cobalt	59-2	287	230	290	269	12.54	cps
Copper	63-2	5001	4858	4721	4860	2.88	cps
Dysprosium	156-1	30	43	33	36	19.51	cps
Dysprosium	156-2	17	7	17	13	43.29	cps
Erbium	164-1	140	137	100	126	17.68	cps
Erbium	164-2	53	100	87	80	30.05	cps
Gadolinium	160-1	147	113	147	136	14.20	cps
Gadolinium	160-2	1007	1107	1133	1082	6.17	cps
Holmium	165-1	32600115	32712814	32768993	32693974	0.26	cps
Holmium	165-2	22780875	22893099	22600501	22758158	0.65	cps
Indium	115-1	28819128	29611993	29273220	29234780	1.36	cps
Indium	115-2	10260494	10233335	10140329	10211386	0.62	cps
Iron	56-2	44987	43252	42139	43459	3.30	cps
Iron	57-2	2244	2053	1953	2083	7.07	cps
Iron	54-2	5411	5284	5421	5372	1.42	cps
Krypton	83-1	393	287	360	347	15.74	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:45:39	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6292	2770	1870	3644	64.12	cps
Lead	207-1	5194	2467	1630	3097	60.18	cps
Lead	208-1	24256	10588	7571	14138	62.89	cps
Lithium	6-1	2951945	2945019	2965289	2954084	0.35	cps
Magnesium	24-2	2717	2400	2477	2531	6.53	cps
Manganese	55-2	1293	1220	1190	1235	4.31	cps
Molybdenum	94-1	8980	5228	4717	6308	36.90	cps
Molybdenum	95-1	9667	4124	2870	5554	65.12	cps
Molybdenum	96-1	11028	4958	3684	6556	59.86	cps
Molybdenum	97-1	6288	2694	1853	3612	65.22	cps
Molybdenum	98-1	16126	6715	4581	9141	67.21	cps
Neodymium	150-1	10	23	23	19	40.75	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	187	217	243	216	13.15	cps
Phosphorus	31-2	340	277	360	326	13.36	cps
Potassium	39-2	93766	94632	93260	93886	0.74	cps
Rhodium	103-1	28455042	28718146	28721708	28631632	0.53	cps
Rhodium	103-2	17195661	17098374	17017719	17103918	0.52	cps
Scandium	45-1	15833788	15938332	16210442	15994187	1.22	cps
Scandium	45-2	1341389	1353022	1351696	1348703	0.47	cps
Selenium	82-1	1561	1818	1629	1670	7.99	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	607	587	570	588	3.12	cps
Silicon	28-1	1548739	1512243	1518328	1526437	1.28	cps
Silver	107-1	2127	1180	850	1386	47.83	cps
Silver	109-1	2000	1150	797	1316	47.02	cps
Sodium	23-2	75025	74820	73125	74324	1.40	cps
Strontium	86-1	1093	783	677	851	25.43	cps
Strontium	88-1	5044	1893	1100	2679	77.87	cps
Sulfur	34-1	269487	270358	269266	269704	0.21	cps
Terbium	159-1	33589687	33970295	33881277	33813753	0.59	cps
Terbium	159-2	22677471	22661135	22265579	22534728	1.03	cps
Thallium	203-1	2747	2157	1873	2259	19.73	cps
Thallium	205-1	6798	5084	4334	5406	23.37	cps
Tin	118-1	5698	4768	4347	4938	14.00	cps
Titanium	47-1	2487	923	577	1329	76.57	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:45:39	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4324	1397	713	2145	89.43	cps
Vanadium	51-2	83	113	73	90	23.14	cps
Yttrium	89-1	39585299	39525255	40079740	39730098	0.77	cps
Yttrium	89-2	10309401	10219414	10168682	10232499	0.70	cps
Zinc	66-2	937	960	923	940	1.97	cps
Zirconium	90-1	9800	7929	8369	8699	11.25	cps
Zirconium	91-1	2244	1803	1847	1965	12.35	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-21	Instrumnet Name :	P7
Client Sample ID :	MYE594	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:48:53	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28092203	27736148	27714700	27847683	0.76	cps
Antimony	121-1	29965	30813	31374	30717	2.31	cps
Arsenic	75-2	220051	218011	218802	218955	0.47	cps
Barium	135-1	5554566	5632707	5622905	5603392	0.76	cps
Barium	137-1	9435590	9525098	9646667	9535785	1.11	cps
Beryllium	9-1	3523	3556	3528	3536	0.51	cps
Bismuth	209-1	18913175	19084958	19346294	19114809	1.14	cps
Bismuth	209-2	15005119	15014380	15062602	15027367	0.21	cps
Bromine	81-1	26571	27305	27553	27143	1.88	cps
Bromine	81-2	2390	2444	2437	2424	1.20	cps
Cadmium	108-1	920	1100	883	968	11.98	cps
Cadmium	106-1	12405	12108	12539	12351	1.78	cps
Cadmium	111-1	13751	13557	13887	13732	1.21	cps
Calcium	43-1	1391961	1395100	1395245	1394102	0.13	cps
Calcium	44-1	22735869	22787024	22513460	22678784	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1602662	1592836	1572574	1589357	0.97	cps
Cobalt	59-2	1278644	1273354	1272176	1274725	0.27	cps
Copper	63-2	2409164	2398170	2409060	2405464	0.26	cps
Dysprosium	156-1	200322	206472	206755	204516	1.78	cps
Dysprosium	156-2	169068	166946	167877	167964	0.63	cps
Erbium	164-1	163522	164573	165484	164526	0.60	cps
Erbium	164-2	112586	111033	112014	111878	0.70	cps
Gadolinium	160-1	187582	188200	189572	188451	0.54	cps
Gadolinium	160-2	136793	136219	135979	136330	0.31	cps
Holmium	165-1	33433775	34345923	34026441	33935379	1.36	cps
Holmium	165-2	22983229	23132474	23193475	23103059	0.47	cps
Indium	115-1	29708391	29907033	30295287	29970237	1.00	cps
Indium	115-2	10339801	10383515	10150279	10291198	1.20	cps
Iron	56-2	1266280274	1259804861	1255840221	1260641786	0.42	cps
Iron	57-2	31717321	31367734	31840281	31641779	0.77	cps
Iron	54-2	69580396	69198951	68580471	69119939	0.73	cps
Krypton	83-1	653	593	643	630	5.10	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-21	Instrumnet Name :	P7
Client Sample ID :	MYE594	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:48:53	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	777096	792351	798699	789382	1.41	cps
Lead	207-1	669547	685501	685176	680075	1.34	cps
Lead	208-1	3053459	3108692	3131373	3097841	1.29	cps
Lithium	6-1	2788227	2818702	2847262	2818063	1.05	cps
Magnesium	24-2	27134631	27055747	27055717	27082032	0.17	cps
Manganese	55-2	65278394	64920592	65338881	65179289	0.35	cps
Molybdenum	94-1	225692	231831	233896	230473	1.85	cps
Molybdenum	95-1	18005	17604	18041	17883	1.36	cps
Molybdenum	96-1	66129	67374	69645	67716	2.63	cps
Molybdenum	97-1	10057	10150	10154	10120	0.54	cps
Molybdenum	98-1	25806	26227	26531	26188	1.39	cps
Neodymium	150-1	363693	368157	370123	367324	0.90	cps
Neodymium	150-2	213421	213760	213858	213680	0.11	cps
Nickel	60-2	600425	603088	601185	601566	0.23	cps
Phosphorus	31-2	58896	58251	58087	58411	0.73	cps
Potassium	39-2	11267120	11553013	11298217	11372783	1.38	cps
Rhodium	103-1	28758148	29137610	28779676	28891812	0.74	cps
Rhodium	103-2	17412938	17262245	17194293	17289825	0.65	cps
Scandium	45-1	17505728	17666959	17703311	17625333	0.60	cps
Scandium	45-2	1495607	1495281	1465993	1485627	1.14	cps
Selenium	82-1	2159	2188	2166	2171	0.71	cps
Selenium	77-2	617	700	677	664	6.47	cps
Selenium	78-2	1157	1137	1283	1192	6.67	cps
Silicon	28-1	90606159	90121145	90121639	90282981	0.31	cps
Silver	107-1	9183	8703	8399	8762	4.51	cps
Silver	109-1	8513	8152	7929	8198	3.59	cps
Sodium	23-2	280622	280823	278533	279993	0.45	cps
Strontium	86-1	680621	694859	696513	690664	1.27	cps
Strontium	88-1	6095045	6237666	6211112	6181274	1.23	cps
Sulfur	34-1	280769	269119	259684	269857	3.91	cps
Terbium	159-1	34763963	34946984	35292949	35001298	0.77	cps
Terbium	159-2	23282804	23442182	23425622	23383536	0.37	cps
Thallium	203-1	11942	10818	11191	11317	5.06	cps
Thallium	205-1	28560	26977	26319	27285	4.22	cps
Tin	118-1	51950	53843	53837	53210	2.05	cps
Titanium	47-1	3353395	3389425	3309347	3350722	1.20	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-21	Instrumnet Name :	P7
Client Sample ID :	MYE594	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:48:53	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61870	62503	62546	62306	0.61	cps
Vanadium	51-2	2581463	2576027	2554547	2570679	0.55	cps
Yttrium	89-1	43431429	44101749	44952441	44161873	1.73	cps
Yttrium	89-2	11233219	11189318	11123751	11182096	0.49	cps
Zinc	66-2	507437	504341	504151	505310	0.37	cps
Zirconium	90-1	599545	603711	604594	602617	0.45	cps
Zirconium	91-1	132673	135683	136682	135013	1.55	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-22	Instrumnet Name :	P7
Client Sample ID :	MYE595	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:51:55	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26212210	26091420	26018211	26107280	0.38	cps
Antimony	121-1	11982	12375	12949	12435	3.91	cps
Arsenic	75-2	44797	44794	44610	44734	0.24	cps
Barium	135-1	284570	293495	293813	290626	1.81	cps
Barium	137-1	492645	506152	505473	501423	1.52	cps
Beryllium	9-1	528	506	517	517	2.15	cps
Bismuth	209-1	18963186	19316595	19273722	19184501	1.01	cps
Bismuth	209-2	15084746	15073195	14999188	15052376	0.31	cps
Bromine	81-1	20534	20675	20264	20491	1.02	cps
Bromine	81-2	1057	923	903	961	8.67	cps
Cadmium	108-1	633	743	727	701	8.46	cps
Cadmium	106-1	11204	10777	10297	10760	4.22	cps
Cadmium	111-1	8676	8251	8086	8338	3.65	cps
Calcium	43-1	1029146	1065861	1050653	1048553	1.76	cps
Calcium	44-1	16477585	17079785	16728253	16761874	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2759792	2736922	2751331	2749348	0.42	cps
Cobalt	59-2	1021786	1020136	1015867	1019263	0.30	cps
Copper	63-2	2867067	2856229	2797301	2840199	1.32	cps
Dysprosium	156-1	40936	43032	42113	42027	2.50	cps
Dysprosium	156-2	31833	31542	31532	31636	0.54	cps
Erbium	164-1	53131	54590	54472	54064	1.50	cps
Erbium	164-2	37724	37884	36969	37526	1.30	cps
Gadolinium	160-1	45153	46821	46641	46205	1.98	cps
Gadolinium	160-2	34245	34666	34539	34484	0.63	cps
Holmium	165-1	34086626	34004977	34350324	34147309	0.53	cps
Holmium	165-2	23520253	23564955	23518404	23534537	0.11	cps
Indium	115-1	29869606	30550025	30568641	30329424	1.31	cps
Indium	115-2	10326052	10467333	10133850	10309078	1.62	cps
Iron	56-2	882049000	875820974	882394734	880088236	0.42	cps
Iron	57-2	21886724	21859322	21833561	21859869	0.12	cps
Iron	54-2	48459154	47640436	48674138	48257909	1.13	cps
Krypton	83-1	430	540	447	472	12.56	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-22	Instrumnet Name :	P7
Client Sample ID :	MYE595	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:51:55	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	66723	68900	69798	68474	2.31	cps
Lead	207-1	57173	59998	60269	59147	2.90	cps
Lead	208-1	263777	271468	274021	269755	1.98	cps
Lithium	6-1	2800564	2747676	2693803	2747347	1.94	cps
Magnesium	24-2	39886223	39223769	39687201	39599064	0.86	cps
Manganese	55-2	10163638	10199838	10143378	10168951	0.28	cps
Molybdenum	94-1	42033	43133	43267	42811	1.58	cps
Molybdenum	95-1	7892	8076	7946	7971	1.18	cps
Molybdenum	96-1	24220	24010	23669	23966	1.16	cps
Molybdenum	97-1	4938	4744	5194	4959	4.55	cps
Molybdenum	98-1	12065	12856	12309	12410	3.26	cps
Neodymium	150-1	49450	51594	51905	50983	2.62	cps
Neodymium	150-2	29748	29738	29364	29617	0.74	cps
Nickel	60-2	966322	966262	958887	963824	0.44	cps
Phosphorus	31-2	17594	18224	17864	17894	1.77	cps
Potassium	39-2	969267	961478	967011	965918	0.41	cps
Rhodium	103-1	29013045	29395858	29441563	29283489	0.80	cps
Rhodium	103-2	17213171	17306212	17056722	17192035	0.73	cps
Scandium	45-1	17060265	17035124	17086079	17060489	0.15	cps
Scandium	45-2	1426661	1413807	1450981	1430483	1.32	cps
Selenium	82-1	1979	1923	1950	1951	1.43	cps
Selenium	77-2	160	157	160	159	1.21	cps
Selenium	78-2	667	700	700	689	2.79	cps
Silicon	28-1	72162926	73279047	73105832	72849268	0.82	cps
Silver	107-1	1903	2030	1987	1973	3.26	cps
Silver	109-1	1750	1793	1907	1817	4.45	cps
Sodium	23-2	590395	589848	588723	589655	0.14	cps
Strontium	86-1	280488	286263	286065	284272	1.15	cps
Strontium	88-1	2449100	2588986	2546680	2528255	2.84	cps
Sulfur	34-1	226870	225563	224430	225621	0.54	cps
Terbium	159-1	35181337	35606635	36249525	35679166	1.51	cps
Terbium	159-2	23202420	23094132	23444324	23246959	0.77	cps
Thallium	203-1	1760	1757	1793	1770	1.15	cps
Thallium	205-1	4251	4081	4057	4130	2.56	cps
Tin	118-1	36613	37759	37947	37440	1.93	cps
Titanium	47-1	5300249	5434873	5353110	5362744	1.26	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-22	Instrumnet Name :	P7
Client Sample ID :	MYE595	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:51:55	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7782	7979	8353	8038	3.60	cps
Vanadium	51-2	1663102	1631621	1660859	1651861	1.06	cps
Yttrium	89-1	42834664	43448094	42724003	43002254	0.91	cps
Yttrium	89-2	10745252	10664899	10681739	10697296	0.40	cps
Zinc	66-2	216068	214567	215215	215283	0.35	cps
Zirconium	90-1	100803	103303	104089	102731	1.67	cps
Zirconium	91-1	22437	23305	23509	23084	2.47	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-01	Instrumnet Name :	P7
Client Sample ID :	MYE596	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:54:58	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25582925	26031215	25953049	25855730	0.93	cps
Antimony	121-1	84348	85693	85807	85283	0.95	cps
Arsenic	75-2	284177	280041	282135	282118	0.73	cps
Barium	135-1	3922332	3958906	3997193	3959477	0.95	cps
Barium	137-1	6801718	6812957	6786646	6800440	0.19	cps
Beryllium	9-1	4301	4095	4123	4173	2.67	cps
Bismuth	209-1	19164980	19626298	19327313	19372864	1.21	cps
Bismuth	209-2	15089282	15088491	15139543	15105772	0.19	cps
Bromine	81-1	22564	21750	21659	21991	2.27	cps
Bromine	81-2	1440	1503	1523	1489	2.92	cps
Cadmium	108-1	1677	1803	1687	1722	4.09	cps
Cadmium	106-1	13593	13330	13116	13346	1.79	cps
Cadmium	111-1	24467	24358	23873	24232	1.31	cps
Calcium	43-1	504379	506838	506103	505773	0.25	cps
Calcium	44-1	7969220	8130627	8062925	8054257	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1659409	1648754	1645153	1651105	0.45	cps
Cobalt	59-2	1628202	1627189	1630027	1628472	0.09	cps
Copper	63-2	3799739	3830457	3794895	3808364	0.51	cps
Dysprosium	156-1	188971	191309	191923	190734	0.82	cps
Dysprosium	156-2	154324	156484	156886	155898	0.88	cps
Erbium	164-1	150417	153725	153210	152450	1.17	cps
Erbium	164-2	103637	101824	102002	102488	0.98	cps
Gadolinium	160-1	173358	173910	175974	174414	0.79	cps
Gadolinium	160-2	124386	125634	125217	125079	0.51	cps
Holmium	165-1	34112302	34485485	34201594	34266461	0.57	cps
Holmium	165-2	22804361	23032202	23289172	23041912	1.05	cps
Indium	115-1	29569513	29801442	29803965	29724973	0.45	cps
Indium	115-2	9993193	10076982	10169574	10079916	0.88	cps
Iron	56-2	2481984816	2496458256	2504168923	2494203998	0.45	cps
Iron	57-2	61067474	61861129	61226467	61385024	0.68	cps
Iron	54-2	135264268	135944915	135034688	135414624	0.35	cps
Krypton	83-1	627	607	643	626	2.93	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-01	Instrumnet Name :	P7
Client Sample ID :	MYE596	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:54:58	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2152901	2265710	2236592	2218401	2.64	cps
Lead	207-1	1982763	1999340	2010858	1997654	0.71	cps
Lead	208-1	8796793	8975666	8995582	8922680	1.23	cps
Lithium	6-1	2820185	2826353	2890854	2845797	1.38	cps
Magnesium	24-2	21651340	21772636	21825001	21749659	0.41	cps
Manganese	55-2	64058166	65251287	65423172	64910875	1.15	cps
Molybdenum	94-1	255689	261186	259793	258889	1.10	cps
Molybdenum	95-1	36779	37424	37057	37087	0.87	cps
Molybdenum	96-1	100912	104171	104668	103250	1.98	cps
Molybdenum	97-1	22487	22187	22541	22405	0.85	cps
Molybdenum	98-1	57021	57044	56231	56765	0.82	cps
Neodymium	150-1	332911	335284	338869	335688	0.89	cps
Neodymium	150-2	192204	192307	190590	191701	0.50	cps
Nickel	60-2	493218	492155	494311	493228	0.22	cps
Phosphorus	31-2	65466	67090	65951	66169	1.26	cps
Potassium	39-2	12831787	12913646	13024726	12923386	0.75	cps
Rhodium	103-1	28551645	28758482	28260486	28523538	0.88	cps
Rhodium	103-2	16635695	16818374	16896800	16783623	0.80	cps
Scandium	45-1	17177912	17119474	17161109	17152832	0.18	cps
Scandium	45-2	1436237	1422750	1463279	1440755	1.43	cps
Selenium	82-1	2211	2143	2230	2194	2.08	cps
Selenium	77-2	627	693	677	666	5.21	cps
Selenium	78-2	1107	1183	1180	1157	3.75	cps
Silicon	28-1	69673124	68053577	68795106	68840602	1.18	cps
Silver	107-1	17003	17277	17764	17348	2.22	cps
Silver	109-1	15962	15959	15685	15869	1.00	cps
Sodium	23-2	255165	255298	252839	254434	0.54	cps
Strontium	86-1	608973	617045	618427	614815	0.83	cps
Strontium	88-1	5466201	5505957	5460497	5477552	0.45	cps
Sulfur	34-1	267194	268185	266329	267236	0.35	cps
Terbium	159-1	35176984	35339194	35238759	35251645	0.23	cps
Terbium	159-2	23288286	23128607	23070511	23162468	0.49	cps
Thallium	203-1	11098	11065	10721	10961	1.90	cps
Thallium	205-1	26035	26496	26519	26350	1.04	cps
Tin	118-1	65900	66727	67079	66568	0.91	cps
Titanium	47-1	4424298	4426112	4375149	4408520	0.66	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-01	Instrumnet Name :	P7
Client Sample ID :	MYE596	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:54:58	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	99592	102373	103116	101694	1.83	cps
Vanadium	51-2	3514722	3528465	3543410	3528866	0.41	cps
Yttrium	89-1	42981849	42916334	43109076	43002420	0.23	cps
Yttrium	89-2	10662160	10691813	10756499	10703491	0.45	cps
Zinc	66-2	995379	990104	991266	992250	0.28	cps
Zirconium	90-1	646565	647646	651211	648474	0.37	cps
Zirconium	91-1	142972	144598	143514	143694	0.58	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-02	Instrumnet Name :	P7
Client Sample ID :	MYE597	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:57:58	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22379426	22140729	22624346	22381500	1.08	cps
Antimony	121-1	67876	71791	71275	70314	3.03	cps
Arsenic	75-2	199783	200029	200384	200065	0.15	cps
Barium	135-1	3918537	4109880	4069290	4032569	2.50	cps
Barium	137-1	6774154	7141198	7101271	7005541	2.87	cps
Beryllium	9-1	3773	3867	4028	3889	3.32	cps
Bismuth	209-1	19793065	19400905	19320612	19504861	1.30	cps
Bismuth	209-2	15041977	14933671	14917687	14964445	0.45	cps
Bromine	81-1	24160	25162	25108	24810	2.27	cps
Bromine	81-2	2077	2034	1853	1988	5.96	cps
Cadmium	108-1	1210	1310	1193	1238	5.10	cps
Cadmium	106-1	12455	12612	12379	12482	0.95	cps
Cadmium	111-1	17742	18812	18224	18259	2.94	cps
Calcium	43-1	719514	752092	760036	743881	2.89	cps
Calcium	44-1	11572169	11960132	12093523	11875275	2.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1392973	1424531	1409778	1409094	1.12	cps
Cobalt	59-2	1224700	1233269	1216222	1224730	0.70	cps
Copper	63-2	3018272	3001789	2964850	2994971	0.91	cps
Dysprosium	156-1	161940	172246	171230	168472	3.37	cps
Dysprosium	156-2	138370	139420	140737	139509	0.85	cps
Erbium	164-1	131560	137438	138291	135763	2.70	cps
Erbium	164-2	94550	94339	95164	94684	0.45	cps
Gadolinium	160-1	147417	155307	156277	153000	3.18	cps
Gadolinium	160-2	112423	110932	111328	111561	0.69	cps
Holmium	165-1	34703982	33907489	34218334	34276601	1.17	cps
Holmium	165-2	22474914	22885340	22718120	22692791	0.91	cps
Indium	115-1	30505206	29689899	29589221	29928109	1.68	cps
Indium	115-2	10133833	10265672	9890698	10096734	1.88	cps
Iron	56-2	1754447814	1745153467	1780271813	1759957698	1.03	cps
Iron	57-2	43619844	44137294	43537214	43764784	0.74	cps
Iron	54-2	95019835	95004145	96113272	95379084	0.67	cps
Krypton	83-1	597	587	577	587	1.70	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-02	Instrumnet Name :	P7
Client Sample ID :	MYE597	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:57:58	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1355940	1411397	1428440	1398592	2.71	cps
Lead	207-1	1186115	1245215	1234533	1221954	2.58	cps
Lead	208-1	5359521	5695585	5598274	5551127	3.12	cps
Lithium	6-1	3009833	2825953	2825704	2887163	3.68	cps
Magnesium	24-2	18457912	18087692	18864972	18470192	2.10	cps
Manganese	55-2	55556753	55787541	55467413	55603902	0.30	cps
Molybdenum	94-1	200698	211961	212013	208224	3.13	cps
Molybdenum	95-1	31925	33398	33358	32894	2.55	cps
Molybdenum	96-1	79478	84687	84811	82992	3.67	cps
Molybdenum	97-1	19229	19934	19900	19688	2.02	cps
Molybdenum	98-1	49510	51547	51039	50699	2.09	cps
Neodymium	150-1	279936	293540	295610	289695	2.94	cps
Neodymium	150-2	169259	166672	168903	168278	0.83	cps
Nickel	60-2	462874	455239	458881	458998	0.83	cps
Phosphorus	31-2	55430	57133	54982	55848	2.03	cps
Potassium	39-2	11021204	11248413	10898490	11056036	1.61	cps
Rhodium	103-1	29001587	28603664	28212166	28605806	1.38	cps
Rhodium	103-2	16718981	17049073	16441998	16736684	1.82	cps
Scandium	45-1	17174031	16992409	16889014	17018484	0.85	cps
Scandium	45-2	1398249	1438285	1382290	1406275	2.05	cps
Selenium	82-1	2094	2007	2054	2052	2.11	cps
Selenium	77-2	610	570	510	563	8.94	cps
Selenium	78-2	1057	973	1087	1039	5.65	cps
Silicon	28-1	63695236	67207822	65856122	65586393	2.70	cps
Silver	107-1	12826	13953	13917	13565	4.72	cps
Silver	109-1	12489	12582	12849	12640	1.48	cps
Sodium	23-2	376658	369754	374942	373785	0.96	cps
Strontium	86-1	593811	622998	629676	615495	3.10	cps
Strontium	88-1	5377343	5585437	5554555	5505778	2.04	cps
Sulfur	34-1	272085	272858	272234	272392	0.15	cps
Terbium	159-1	35559336	35490616	35124161	35391371	0.66	cps
Terbium	159-2	23375637	23040900	22934790	23117109	1.00	cps
Thallium	203-1	10131	10237	10267	10212	0.70	cps
Thallium	205-1	23604	24392	24733	24243	2.39	cps
Tin	118-1	63590	66335	67785	65903	3.23	cps
Titanium	47-1	3563932	3725079	3715076	3668029	2.46	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-02	Instrumnet Name :	P7
Client Sample ID :	MYE597	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 15:57:58	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	88274	92944	91136	90785	2.59	cps
Vanadium	51-2	2697697	2722034	2669887	2696539	0.97	cps
Yttrium	89-1	43008408	43478593	42512144	42999715	1.12	cps
Yttrium	89-2	10613009	10738502	10555398	10635637	0.88	cps
Zinc	66-2	685181	688552	688056	687263	0.26	cps
Zirconium	90-1	498090	523904	525764	515919	3.00	cps
Zirconium	91-1	109569	116834	118786	115063	4.22	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-03	Instrumnet Name :	P7
Client Sample ID :	MYE598	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:00:57	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20199566	20074716	20171703	20148662	0.33	cps
Antimony	121-1	52556	55152	54620	54109	2.53	cps
Arsenic	75-2	189152	189476	192103	190244	0.85	cps
Barium	135-1	3171422	3303750	3250152	3241774	2.05	cps
Barium	137-1	5517716	5593535	5598270	5569840	0.81	cps
Beryllium	9-1	3306	3462	3323	3363	2.54	cps
Bismuth	209-1	19178757	19361258	19466671	19335562	0.75	cps
Bismuth	209-2	15083517	15038106	14856500	14992708	0.80	cps
Bromine	81-1	21993	22491	22804	22429	1.82	cps
Bromine	81-2	1617	1547	1717	1627	5.25	cps
Cadmium	108-1	1023	923	980	976	5.14	cps
Cadmium	106-1	11985	11792	11335	11704	2.85	cps
Cadmium	111-1	16993	17211	16798	17001	1.22	cps
Calcium	43-1	422664	429032	433444	428380	1.27	cps
Calcium	44-1	6660457	6808194	6856093	6774915	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1371180	1380832	1402724	1384912	1.17	cps
Cobalt	59-2	1194984	1187120	1183016	1188374	0.51	cps
Copper	63-2	3258114	3224207	3221436	3234586	0.63	cps
Dysprosium	156-1	153246	155204	156131	154860	0.95	cps
Dysprosium	156-2	127583	128141	127919	127881	0.22	cps
Erbium	164-1	121251	125528	126829	124536	2.34	cps
Erbium	164-2	84242	83873	85704	84606	1.14	cps
Gadolinium	160-1	138780	143880	144028	142229	2.10	cps
Gadolinium	160-2	104637	103284	104090	104003	0.65	cps
Holmium	165-1	33851275	33726124	34215376	33930925	0.75	cps
Holmium	165-2	22901410	22548879	22569391	22673227	0.87	cps
Indium	115-1	29430991	29399539	29104487	29311672	0.61	cps
Indium	115-2	9885710	9972654	9962954	9940440	0.48	cps
Iron	56-2	1751363761	1743775174	1726184881	1740441272	0.74	cps
Iron	57-2	42532958	42809124	42452791	42598291	0.44	cps
Iron	54-2	92245942	93710525	93312399	93089622	0.81	cps
Krypton	83-1	510	530	543	528	3.18	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-03	Instrumnet Name :	P7
Client Sample ID :	MYE598	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:00:57	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1399441	1437940	1443124	1426835	1.67	cps
Lead	207-1	1221091	1252332	1265957	1246460	1.85	cps
Lead	208-1	5537889	5708273	5759857	5668673	2.05	cps
Lithium	6-1	2862229	2813540	2788887	2821552	1.32	cps
Magnesium	24-2	17094918	17218281	17394412	17235870	0.87	cps
Manganese	55-2	50586714	50994053	50166434	50582400	0.82	cps
Molybdenum	94-1	164934	170200	171772	168969	2.12	cps
Molybdenum	95-1	26821	27489	28014	27441	2.18	cps
Molybdenum	96-1	69698	71494	71580	70924	1.50	cps
Molybdenum	97-1	16262	16860	16860	16661	2.07	cps
Molybdenum	98-1	41636	41626	42649	41970	1.40	cps
Neodymium	150-1	267216	267749	272923	269296	1.17	cps
Neodymium	150-2	156363	156630	156573	156522	0.09	cps
Nickel	60-2	419587	420350	419289	419742	0.13	cps
Phosphorus	31-2	46143	45872	46464	46159	0.64	cps
Potassium	39-2	9954253	9888267	9898889	9913803	0.36	cps
Rhodium	103-1	28135093	28259432	28342577	28245701	0.37	cps
Rhodium	103-2	16422927	16524793	16613589	16520436	0.58	cps
Scandium	45-1	16665140	16625523	16577104	16622589	0.27	cps
Scandium	45-2	1370749	1395664	1389452	1385288	0.94	cps
Selenium	82-1	2042	2062	2038	2047	0.61	cps
Selenium	77-2	497	577	560	544	7.75	cps
Selenium	78-2	1020	933	957	970	4.62	cps
Silicon	28-1	65110072	66982167	66135569	66075936	1.42	cps
Silver	107-1	11735	11855	12005	11865	1.14	cps
Silver	109-1	10904	11161	11134	11067	1.28	cps
Sodium	23-2	233932	227351	225342	228875	1.96	cps
Strontium	86-1	488673	501842	506318	498944	1.84	cps
Strontium	88-1	4315738	4474228	4502628	4430865	2.27	cps
Sulfur	34-1	241271	239877	238326	239825	0.61	cps
Terbium	159-1	34918610	34520914	34575273	34671599	0.62	cps
Terbium	159-2	22897612	23083824	23203715	23061717	0.67	cps
Thallium	203-1	8956	9377	9360	9231	2.58	cps
Thallium	205-1	21300	21507	21387	21398	0.49	cps
Tin	118-1	55952	56701	57323	56659	1.21	cps
Titanium	47-1	3258371	3396183	3395092	3349882	2.37	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-03	Instrumnet Name :	P7
Client Sample ID :	MYE598	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:00:57	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	81837	83761	85220	83606	2.03	cps
Vanadium	51-2	2563030	2633580	2637140	2611250	1.60	cps
Yttrium	89-1	41662903	42084167	42029211	41925427	0.55	cps
Yttrium	89-2	10370159	10359073	10408093	10379108	0.25	cps
Zinc	66-2	572760	572869	576269	573966	0.35	cps
Zirconium	90-1	404408	420454	421288	415383	2.29	cps
Zirconium	91-1	90094	92865	95310	92756	2.81	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-04	Instrumnet Name :	P7
Client Sample ID :	MYE599	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:03:58	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28695728	28472937	28679915	28616193	0.43	cps
Antimony	121-1	20167	20875	21506	20850	3.21	cps
Arsenic	75-2	65527	65755	65845	65709	0.25	cps
Barium	135-1	528074	538567	541121	535921	1.29	cps
Barium	137-1	900997	924371	935815	920394	1.93	cps
Beryllium	9-1	817	850	767	811	5.17	cps
Bismuth	209-1	18503700	19126977	19202233	18944303	2.02	cps
Bismuth	209-2	14415765	15062581	14695353	14724566	2.20	cps
Bromine	81-1	23352	23552	23546	23483	0.48	cps
Bromine	81-2	1833	1770	1650	1751	5.32	cps
Cadmium	108-1	880	813	817	837	4.49	cps
Cadmium	106-1	10521	10561	10140	10407	2.23	cps
Cadmium	111-1	9332	9297	8997	9208	2.00	cps
Calcium	43-1	989606	1010739	1013415	1004587	1.30	cps
Calcium	44-1	15747748	15818827	15971656	15846077	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3262777	3191683	3225860	3226773	1.10	cps
Cobalt	59-2	1582941	1538221	1563974	1561712	1.44	cps
Copper	63-2	3243042	3226228	3230532	3233267	0.27	cps
Dysprosium	156-1	55061	56530	57360	56317	2.07	cps
Dysprosium	156-2	42688	43838	43063	43196	1.36	cps
Erbium	164-1	67672	68919	69927	68839	1.64	cps
Erbium	164-2	47353	46189	46564	46702	1.27	cps
Gadolinium	160-1	59837	61129	61287	60751	1.31	cps
Gadolinium	160-2	44430	44608	43487	44175	1.36	cps
Holmium	165-1	31990859	33914829	33661081	33188923	3.15	cps
Holmium	165-2	22376225	23326115	22733218	22811853	2.10	cps
Indium	115-1	27947882	29471019	29275174	28898025	2.87	cps
Indium	115-2	9562892	9981084	9741223	9761733	2.15	cps
Iron	56-2	1076808224	1061849744	1057386971	1065348313	0.95	cps
Iron	57-2	26812986	26304050	26246042	26454360	1.18	cps
Iron	54-2	57961471	58062509	57974926	57999635	0.09	cps
Krypton	83-1	463	470	477	470	1.42	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-04	Instrumnet Name :	P7
Client Sample ID :	MYE599	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:03:58	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	165950	173626	172641	170739	2.45	cps
Lead	207-1	145584	150061	151299	148981	2.02	cps
Lead	208-1	657738	677996	685233	673656	2.12	cps
Lithium	6-1	2665427	2726150	2707136	2699571	1.15	cps
Magnesium	24-2	42394947	42426255	42745493	42522232	0.46	cps
Manganese	55-2	15601435	15664519	15520831	15595595	0.46	cps
Molybdenum	94-1	39446	41208	41328	40661	2.59	cps
Molybdenum	95-1	6295	6508	6898	6567	4.66	cps
Molybdenum	96-1	23459	23559	23676	23565	0.46	cps
Molybdenum	97-1	4024	3907	4081	4004	2.21	cps
Molybdenum	98-1	9883	9740	9563	9729	1.65	cps
Neodymium	150-1	70827	72190	72954	71990	1.50	cps
Neodymium	150-2	41876	41571	41280	41576	0.72	cps
Nickel	60-2	1042933	1035551	1030839	1036441	0.59	cps
Phosphorus	31-2	25939	27358	26557	26618	2.67	cps
Potassium	39-2	3827803	3848008	3858941	3844917	0.41	cps
Rhodium	103-1	27066794	27848511	28250782	27722029	2.17	cps
Rhodium	103-2	16145277	16848744	16582130	16525384	2.15	cps
Scandium	45-1	15998158	16486126	16401846	16295376	1.60	cps
Scandium	45-2	1366481	1421474	1382634	1390196	2.03	cps
Selenium	82-1	1775	1722	1915	1804	5.53	cps
Selenium	77-2	187	140	197	174	17.34	cps
Selenium	78-2	743	700	667	703	5.47	cps
Silicon	28-1	61834861	63283201	63954269	63024110	1.72	cps
Silver	107-1	3150	3234	3090	3158	2.28	cps
Silver	109-1	2947	2954	2817	2906	2.65	cps
Sodium	23-2	457483	456177	458302	457321	0.23	cps
Strontium	86-1	445659	460149	459002	454937	1.77	cps
Strontium	88-1	4046717	4136547	4154547	4112604	1.40	cps
Sulfur	34-1	246764	248471	245004	246747	0.70	cps
Terbium	159-1	33510728	34805369	35233197	34516431	2.60	cps
Terbium	159-2	22402594	23512409	22474830	22796611	2.72	cps
Thallium	203-1	1790	1847	1940	1859	4.07	cps
Thallium	205-1	4167	4337	4331	4278	2.25	cps
Tin	118-1	43776	45492	46090	45119	2.66	cps
Titanium	47-1	3315184	3427806	3386450	3376480	1.69	cps

Reviewed By:mohan
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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-04	Instrumnet Name :	P7
Client Sample ID :	MYE599	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:03:58	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15095	15252	15619	15322	1.76	cps
Vanadium	51-2	2243661	2194034	2224086	2220594	1.13	cps
Yttrium	89-1	40231904	41288630	41473345	40997960	1.63	cps
Yttrium	89-2	9956707	10420010	10197846	10191521	2.27	cps
Zinc	66-2	299851	298480	297284	298538	0.43	cps
Zirconium	90-1	96384	99729	100780	98964	2.32	cps
Zirconium	91-1	21406	22127	22324	21952	2.20	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-05	Instrumnet Name :	P7
Client Sample ID :	MYE5A0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:06:59	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24043110	24110095	23896443	24016549	0.45	cps
Antimony	121-1	36149	37175	37499	36941	1.91	cps
Arsenic	75-2	140796	137537	139875	139403	1.21	cps
Barium	135-1	4201545	4240311	4341133	4260996	1.69	cps
Barium	137-1	7167030	7396274	7448693	7337332	2.04	cps
Beryllium	9-1	5118	5162	4767	5016	4.31	cps
Bismuth	209-1	19464652	19352204	19706653	19507837	0.93	cps
Bismuth	209-2	15176194	15136339	15136089	15149540	0.15	cps
Bromine	81-1	22113	22354	22460	22309	0.80	cps
Bromine	81-2	1820	1657	1760	1746	4.73	cps
Cadmium	108-1	1247	1133	1187	1189	4.77	cps
Cadmium	106-1	11701	12052	11635	11796	1.90	cps
Cadmium	111-1	15537	15925	16110	15857	1.84	cps
Calcium	43-1	1079574	1093320	1096201	1089698	0.82	cps
Calcium	44-1	16969587	17245771	17539908	17251755	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1255121	1266120	1270040	1263760	0.61	cps
Cobalt	59-2	1016067	1006348	1012449	1011621	0.49	cps
Copper	63-2	2421396	2437757	2430683	2429945	0.34	cps
Dysprosium	156-1	179174	182763	185201	182379	1.66	cps
Dysprosium	156-2	152943	151888	152147	152326	0.36	cps
Erbium	164-1	145030	147705	147021	146585	0.95	cps
Erbium	164-2	99303	100377	101008	100229	0.86	cps
Gadolinium	160-1	162949	168538	168703	166730	1.96	cps
Gadolinium	160-2	121555	120906	120436	120966	0.46	cps
Holmium	165-1	33545407	33830020	34341956	33905794	1.19	cps
Holmium	165-2	23224185	22918891	23064875	23069317	0.66	cps
Indium	115-1	29318723	29553248	29383537	29418503	0.41	cps
Indium	115-2	9922586	9954498	10038892	9971992	0.60	cps
Iron	56-2	1355392460	1339736087	1361450273	1352192940	0.83	cps
Iron	57-2	33160863	33459219	33430544	33350208	0.49	cps
Iron	54-2	73065869	73302446	73143727	73170681	0.16	cps
Krypton	83-1	573	540	640	584	8.71	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-05	Instrumnet Name :	P7
Client Sample ID :	MYE5A0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:06:59	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1324826	1346685	1357893	1343135	1.25	cps
Lead	207-1	1148745	1173249	1178149	1166714	1.35	cps
Lead	208-1	5210729	5337380	5410010	5319373	1.90	cps
Lithium	6-1	2729116	2745511	2792566	2755731	1.20	cps
Magnesium	24-2	16176044	16147051	16135781	16152959	0.13	cps
Manganese	55-2	50646286	50129583	50724456	50500108	0.64	cps
Molybdenum	94-1	235256	242295	240579	239377	1.53	cps
Molybdenum	95-1	20077	20825	21352	20751	3.09	cps
Molybdenum	96-1	72167	73802	72948	72972	1.12	cps
Molybdenum	97-1	12312	12242	13083	12545	3.72	cps
Molybdenum	98-1	30762	31394	31517	31225	1.30	cps
Neodymium	150-1	328573	334961	335636	333057	1.17	cps
Neodymium	150-2	192347	189230	194287	191955	1.33	cps
Nickel	60-2	408822	405294	407101	407072	0.43	cps
Phosphorus	31-2	40052	40433	40163	40216	0.49	cps
Potassium	39-2	8281934	8369665	8290303	8313967	0.58	cps
Rhodium	103-1	27970679	28464252	28641878	28358936	1.23	cps
Rhodium	103-2	16704910	16501494	16842060	16682821	1.03	cps
Scandium	45-1	16183675	16565234	16352698	16367203	1.17	cps
Scandium	45-2	1383740	1388287	1408616	1393548	0.95	cps
Selenium	82-1	1945	2064	2112	2040	4.20	cps
Selenium	77-2	697	670	660	676	2.81	cps
Selenium	78-2	1010	990	1043	1014	2.66	cps
Silicon	28-1	66718341	67783901	68068484	67523575	1.05	cps
Silver	107-1	11725	12219	12058	12001	2.10	cps
Silver	109-1	10948	11304	11408	11220	2.15	cps
Sodium	23-2	300667	298987	299754	299803	0.28	cps
Strontium	86-1	606673	620323	626808	617935	1.66	cps
Strontium	88-1	5399587	5500825	5608101	5502837	1.89	cps
Sulfur	34-1	241651	239999	236509	239386	1.10	cps
Terbium	159-1	34732736	35219306	34851333	34934458	0.73	cps
Terbium	159-2	22883735	22934434	22815858	22878009	0.26	cps
Thallium	203-1	10444	11045	10995	10828	3.08	cps
Thallium	205-1	26008	26112	26289	26136	0.54	cps
Tin	118-1	60838	61450	60604	60964	0.72	cps
Titanium	47-1	3224991	3265696	3273106	3254597	0.80	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-05	Instrumnet Name :	P7
Client Sample ID :	MYE5A0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:06:59	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	84067	85620	85515	85067	1.02	cps
Vanadium	51-2	2028682	2027881	2021258	2025940	0.20	cps
Yttrium	89-1	41924864	42086449	42420001	42143772	0.60	cps
Yttrium	89-2	10634267	10731851	10821969	10729362	0.87	cps
Zinc	66-2	495195	497473	499096	497255	0.39	cps
Zirconium	90-1	605245	618774	628328	617449	1.88	cps
Zirconium	91-1	134351	138418	141193	137987	2.49	cps

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-06	Instrumnet Name :	P7
Client Sample ID :	MYE5A1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:10:01	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20276793	20215825	20384553	20292390	0.42	cps
Antimony	121-1	65003	66124	66556	65894	1.22	cps
Arsenic	75-2	185440	182936	182662	183679	0.83	cps
Barium	135-1	3331443	3433296	3402895	3389211	1.54	cps
Barium	137-1	5746426	5866575	5769604	5794202	1.10	cps
Beryllium	9-1	3061	2989	3212	3087	3.67	cps
Bismuth	209-1	19257073	19163003	19719370	19379815	1.54	cps
Bismuth	209-2	15225185	15175091	15261335	15220537	0.28	cps
Bromine	81-1	22691	23559	23319	23189	1.93	cps
Bromine	81-2	1583	1807	1540	1643	8.71	cps
Cadmium	108-1	1253	1200	1283	1246	3.39	cps
Cadmium	106-1	11725	12365	11515	11868	3.73	cps
Cadmium	111-1	20089	20575	19921	20195	1.68	cps
Calcium	43-1	482682	487005	491951	487212	0.95	cps
Calcium	44-1	7606287	7814797	7723023	7714702	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1328913	1330842	1333705	1331153	0.18	cps
Cobalt	59-2	1181456	1180696	1183188	1181780	0.11	cps
Copper	63-2	3295889	3348300	3277820	3307337	1.11	cps
Dysprosium	156-1	147462	150531	151170	149721	1.32	cps
Dysprosium	156-2	122791	122142	122960	122631	0.35	cps
Erbium	164-1	120683	122831	123627	122380	1.24	cps
Erbium	164-2	84922	84305	84051	84426	0.53	cps
Gadolinium	160-1	138433	140281	139914	139543	0.70	cps
Gadolinium	160-2	99852	99141	99497	99497	0.36	cps
Holmium	165-1	33655860	34109976	34302668	34022835	0.98	cps
Holmium	165-2	23101610	23195229	23111962	23136267	0.22	cps
Indium	115-1	29620159	29514620	29550769	29561849	0.18	cps
Indium	115-2	10012608	10071770	10160854	10081744	0.74	cps
Iron	56-2	1724465788	1736996667	1740798587	1734087014	0.49	cps
Iron	57-2	43640116	43087299	42876826	43201414	0.91	cps
Iron	54-2	93217789	94105189	93523465	93615481	0.48	cps
Krypton	83-1	547	533	640	573	10.14	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-06	Instrumnet Name :	P7
Client Sample ID :	MYE5A1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:10:01	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1647390	1690098	1689104	1675531	1.45	cps
Lead	207-1	1452874	1483701	1490106	1475560	1.35	cps
Lead	208-1	6604978	6696938	6720815	6674244	0.92	cps
Lithium	6-1	2686779	2669853	2674539	2677057	0.33	cps
Magnesium	24-2	17469250	17572326	17332248	17457941	0.69	cps
Manganese	55-2	62292306	62763492	62345876	62467225	0.41	cps
Molybdenum	94-1	164054	167708	175449	169071	3.44	cps
Molybdenum	95-1	33271	33966	33415	33551	1.09	cps
Molybdenum	96-1	74469	75939	77866	76091	2.24	cps
Molybdenum	97-1	20020	20868	20748	20546	2.23	cps
Molybdenum	98-1	50460	51892	50965	51106	1.42	cps
Neodymium	150-1	254021	261863	261339	259074	1.69	cps
Neodymium	150-2	149119	152310	150315	150581	1.07	cps
Nickel	60-2	415341	415044	412335	414240	0.40	cps
Phosphorus	31-2	54383	53901	54701	54328	0.74	cps
Potassium	39-2	10805549	10828224	10833907	10822560	0.14	cps
Rhodium	103-1	28314928	28252275	28240134	28269112	0.14	cps
Rhodium	103-2	16964190	16823216	16806759	16864722	0.51	cps
Scandium	45-1	16503727	16626167	16691108	16607001	0.57	cps
Scandium	45-2	1405999	1394328	1395811	1398713	0.45	cps
Selenium	82-1	2108	2127	1966	2067	4.25	cps
Selenium	77-2	490	490	527	502	4.22	cps
Selenium	78-2	877	997	1030	968	8.33	cps
Silicon	28-1	57799274	58507124	58071894	58126097	0.61	cps
Silver	107-1	15679	15822	16359	15953	2.25	cps
Silver	109-1	14951	14851	15308	15037	1.60	cps
Sodium	23-2	239825	242272	240946	241014	0.51	cps
Strontium	86-1	572340	584963	591664	582989	1.68	cps
Strontium	88-1	5104783	5238782	5187618	5177061	1.31	cps
Sulfur	34-1	250535	251751	251093	251126	0.24	cps
Terbium	159-1	35240429	35265965	35052864	35186419	0.33	cps
Terbium	159-2	22883060	22889238	22903565	22891954	0.05	cps
Thallium	203-1	8700	9100	9010	8936	2.35	cps
Thallium	205-1	20736	21510	21210	21152	1.85	cps
Tin	118-1	59091	59191	60352	59545	1.18	cps
Titanium	47-1	3581755	3679996	3700696	3654149	1.74	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-06	Instrumnet Name :	P7
Client Sample ID :	MYE5A1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:10:01	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	89693	90884	91562	90713	1.04	cps
Vanadium	51-2	2698327	2694649	2655060	2682679	0.89	cps
Yttrium	89-1	41761814	42178404	42252209	42064142	0.63	cps
Yttrium	89-2	10695481	10606081	10546579	10616047	0.71	cps
Zinc	66-2	909447	909607	902560	907205	0.44	cps
Zirconium	90-1	396040	404109	407070	402406	1.42	cps
Zirconium	91-1	88323	91158	91305	90262	1.86	cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:13:00	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19248716	19131764	19152165	19177548	0.33	cps
Antimony	121-1	59084	60835	61310	60409	1.94	cps
Arsenic	75-2	171060	171155	170909	171041	0.07	cps
Barium	135-1	3117842	3231929	3169450	3173074	1.80	cps
Barium	137-1	5309551	5408069	5475044	5397555	1.54	cps
Beryllium	9-1	2867	3189	2878	2978	6.14	cps
Bismuth	209-1	19424859	19656684	19595996	19559180	0.61	cps
Bismuth	209-2	15257319	15133279	15295446	15228681	0.56	cps
Bromine	81-1	24697	25566	25268	25177	1.75	cps
Bromine	81-2	2064	2234	2160	2152	3.96	cps
Cadmium	108-1	1050	1137	1117	1101	4.12	cps
Cadmium	106-1	11685	12092	11548	11775	2.40	cps
Cadmium	111-1	17511	17986	17859	17785	1.38	cps
Calcium	43-1	643466	652995	654279	650247	0.91	cps
Calcium	44-1	10255341	10412966	10351329	10339879	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1205014	1188794	1195297	1196368	0.68	cps
Cobalt	59-2	1072290	1066553	1077578	1072141	0.51	cps
Copper	63-2	3002451	3047632	3008567	3019550	0.81	cps
Dysprosium	156-1	138380	140361	141953	140231	1.28	cps
Dysprosium	156-2	114031	113370	114156	113853	0.37	cps
Erbium	164-1	110650	114068	114911	113210	1.99	cps
Erbium	164-2	76086	76940	76112	76379	0.64	cps
Gadolinium	160-1	127417	130515	129600	129177	1.23	cps
Gadolinium	160-2	93663	93419	91795	92959	1.09	cps
Holmium	165-1	33534216	34070842	34705659	34103573	1.72	cps
Holmium	165-2	23197421	23074084	23173000	23148169	0.28	cps
Indium	115-1	29237957	29993263	29532530	29587917	1.29	cps
Indium	115-2	9964729	9902448	10056319	9974499	0.78	cps
Iron	56-2	1485989205	1483191391	1472317258	1480499285	0.49	cps
Iron	57-2	36515408	36288125	36558999	36454178	0.40	cps
Iron	54-2	80297087	79831145	80520625	80216286	0.44	cps
Krypton	83-1	547	517	570	544	4.91	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:13:00	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1511603	1546270	1574057	1543977	2.03	cps
Lead	207-1	1333050	1359065	1383089	1358401	1.84	cps
Lead	208-1	6033150	6154974	6173029	6120384	1.24	cps
Lithium	6-1	2780261	2688099	2769093	2745818	1.83	cps
Magnesium	24-2	16533146	16321959	16254694	16369933	0.89	cps
Manganese	55-2	45038998	45088616	44967539	45031718	0.14	cps
Molybdenum	94-1	160499	164970	165372	163614	1.65	cps
Molybdenum	95-1	26755	26518	26975	26749	0.86	cps
Molybdenum	96-1	67528	68553	68576	68219	0.88	cps
Molybdenum	97-1	16086	16136	16086	16102	0.18	cps
Molybdenum	98-1	40870	41559	41887	41439	1.25	cps
Neodymium	150-1	241091	245906	247786	244927	1.41	cps
Neodymium	150-2	141233	139556	140936	140575	0.64	cps
Nickel	60-2	382942	382403	384149	383165	0.23	cps
Phosphorus	31-2	42248	44043	43061	43117	2.08	cps
Potassium	39-2	8824163	8750861	8781080	8785368	0.42	cps
Rhodium	103-1	28577155	28431884	28625035	28544692	0.35	cps
Rhodium	103-2	16874483	16859499	16904888	16879623	0.14	cps
Scandium	45-1	16364779	16433503	16437595	16411959	0.25	cps
Scandium	45-2	1409405	1372956	1405868	1396076	1.44	cps
Selenium	82-1	2224	2249	2044	2172	5.15	cps
Selenium	77-2	457	463	550	490	10.63	cps
Selenium	78-2	1003	813	890	902	10.60	cps
Silicon	28-1	61677711	61975339	62842796	62165282	0.97	cps
Silver	107-1	14821	14964	15188	14991	1.23	cps
Silver	109-1	13713	13650	13840	13734	0.71	cps
Sodium	23-2	342473	340997	340412	341294	0.31	cps
Strontium	86-1	608613	626768	632035	622472	1.97	cps
Strontium	88-1	5472307	5584347	5627962	5561539	1.44	cps
Sulfur	34-1	257081	257383	255896	256787	0.31	cps
Terbium	159-1	35106134	34932897	35588800	35209277	0.97	cps
Terbium	159-2	22695628	22881895	22855515	22811013	0.44	cps
Thallium	203-1	8189	8106	8216	8170	0.70	cps
Thallium	205-1	18963	19551	19658	19391	1.93	cps
Tin	118-1	54914	56209	55483	55535	1.17	cps
Titanium	47-1	3350789	3365084	3381108	3365660	0.45	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:13:00	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76572	78164	78215	77650	1.20	cps
Vanadium	51-2	2262298	2253023	2240657	2251993	0.48	cps
Yttrium	89-1	41541001	41865119	42477224	41961115	1.13	cps
Yttrium	89-2	10574634	10505530	10629654	10569940	0.59	cps
Zinc	66-2	543563	540645	537672	540627	0.54	cps
Zirconium	90-1	397798	410619	411321	406579	1.87	cps
Zirconium	91-1	89387	90970	91758	90705	1.33	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:16:02	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18148913	18326968	18153488	18209790	0.56	cps
Antimony	121-1	56835	57889	58130	57618	1.20	cps
Arsenic	75-2	160288	160517	158577	159794	0.66	cps
Barium	135-1	2868459	2890717	2875885	2878353	0.39	cps
Barium	137-1	4908715	4963437	4963916	4945356	0.64	cps
Beryllium	9-1	2884	2984	3017	2961	2.34	cps
Bismuth	209-1	19435723	19871797	19450541	19586020	1.26	cps
Bismuth	209-2	15490684	15437613	15280379	15402892	0.71	cps
Bromine	81-1	24303	24818	25118	24746	1.66	cps
Bromine	81-2	1853	2070	1963	1962	5.52	cps
Cadmium	108-1	1037	1103	1130	1090	4.41	cps
Cadmium	106-1	11528	11895	11618	11680	1.64	cps
Cadmium	111-1	16717	17051	16841	16870	1.00	cps
Calcium	43-1	614343	621779	629507	621877	1.22	cps
Calcium	44-1	9749615	9923098	10019653	9897456	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1129318	1137973	1131738	1133010	0.39	cps
Cobalt	59-2	1016020	1018698	1023901	1019540	0.39	cps
Copper	63-2	2840443	2869315	2871493	2860417	0.61	cps
Dysprosium	156-1	132454	136731	135449	134878	1.63	cps
Dysprosium	156-2	108623	108939	109536	109033	0.43	cps
Erbium	164-1	107681	107449	109011	108047	0.78	cps
Erbium	164-2	73944	73469	71951	73121	1.42	cps
Gadolinium	160-1	123637	125119	126323	125026	1.08	cps
Gadolinium	160-2	89370	88473	89232	89025	0.54	cps
Holmium	165-1	34162360	34507764	33739298	34136474	1.13	cps
Holmium	165-2	23326077	23540289	23185259	23350542	0.77	cps
Indium	115-1	29610873	29872062	29067138	29516691	1.39	cps
Indium	115-2	10187458	9997070	10029461	10071330	1.01	cps
Iron	56-2	1423302272	1423636619	1437383179	1428107356	0.56	cps
Iron	57-2	34875899	35004482	35296183	35058854	0.61	cps
Iron	54-2	77903201	77666516	77326012	77631909	0.37	cps
Krypton	83-1	530	523	580	544	5.69	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:16:02	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1402949	1431130	1436661	1423580	1.27	cps
Lead	207-1	1258879	1255346	1265941	1260055	0.43	cps
Lead	208-1	5579082	5727768	5717448	5674766	1.46	cps
Lithium	6-1	2760511	2809914	2761810	2777412	1.01	cps
Magnesium	24-2	15543807	15623590	15390982	15519460	0.76	cps
Manganese	55-2	41642729	41195256	41767979	41535321	0.72	cps
Molybdenum	94-1	157673	160135	159103	158970	0.78	cps
Molybdenum	95-1	24828	25542	25095	25155	1.44	cps
Molybdenum	96-1	63775	65171	64692	64546	1.10	cps
Molybdenum	97-1	15118	14941	15308	15122	1.21	cps
Molybdenum	98-1	37896	37973	38902	38257	1.46	cps
Neodymium	150-1	231474	237329	237035	235279	1.40	cps
Neodymium	150-2	133498	135107	133017	133874	0.82	cps
Nickel	60-2	363333	360291	361037	361554	0.44	cps
Phosphorus	31-2	41012	40808	40453	40758	0.69	cps
Potassium	39-2	8220037	8295715	8381597	8299116	0.97	cps
Rhodium	103-1	28329015	28911757	27364094	28201622	2.77	cps
Rhodium	103-2	17058196	16899729	16638959	16865628	1.26	cps
Scandium	45-1	16220784	16614536	16101904	16312408	1.64	cps
Scandium	45-2	1424769	1414130	1407491	1415463	0.62	cps
Selenium	82-1	2033	2150	2021	2068	3.43	cps
Selenium	77-2	413	440	490	448	8.69	cps
Selenium	78-2	913	910	837	887	4.89	cps
Silicon	28-1	61154577	61580827	60949277	61228227	0.53	cps
Silver	107-1	13790	13680	13837	13769	0.58	cps
Silver	109-1	12706	13109	12812	12876	1.62	cps
Sodium	23-2	331979	334815	332220	333005	0.47	cps
Strontium	86-1	585368	592735	595576	591226	0.89	cps
Strontium	88-1	5210718	5265186	5250424	5242109	0.54	cps
Sulfur	34-1	259657	256922	256661	257747	0.64	cps
Terbium	159-1	34908453	35827341	34895211	35210335	1.52	cps
Terbium	159-2	23609599	23375750	22847327	23277559	1.68	cps
Thallium	203-1	7622	7892	8042	7852	2.71	cps
Thallium	205-1	18676	18746	18870	18764	0.52	cps
Tin	118-1	51666	52355	51762	51928	0.72	cps
Titanium	47-1	3218247	3245945	3244373	3236188	0.48	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:16:02	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	72379	73770	76186	74111	2.60	cps
Vanadium	51-2	2191060	2207998	2222723	2207260	0.72	cps
Yttrium	89-1	41406283	42363062	40968259	41579201	1.72	cps
Yttrium	89-2	10593251	10513160	10524538	10543650	0.41	cps
Zinc	66-2	516322	515229	515087	515546	0.13	cps
Zirconium	90-1	393999	398924	397487	396803	0.64	cps
Zirconium	91-1	87861	88629	89044	88511	0.68	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 16:19:02	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3924394	3858170	3868247	3883604	0.92	cps
Antimony	121-1	11455	11938	12015	11803	2.57	cps
Arsenic	75-2	34777	34941	35225	34981	0.65	cps
Barium	135-1	612173	620400	626689	619754	1.17	cps
Barium	137-1	1039649	1072355	1082391	1064798	2.10	cps
Beryllium	9-1	656	567	722	648	12.04	cps
Bismuth	209-1	18835983	19529002	19392850	19252612	1.91	cps
Bismuth	209-2	15262418	15191823	15200086	15218109	0.25	cps
Bromine	81-1	17701	17527	17561	17596	0.52	cps
Bromine	81-2	507	490	483	493	2.44	cps
Cadmium	108-1	180	237	240	219	15.41	cps
Cadmium	106-1	9817	9713	9763	9764	0.53	cps
Cadmium	111-1	8933	8631	8947	8837	2.02	cps
Calcium	43-1	130597	134029	135263	133296	1.81	cps
Calcium	44-1	2123674	2133426	2166926	2141342	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	244096	242351	242295	242914	0.42	cps
Cobalt	59-2	217406	217335	219463	218068	0.55	cps
Copper	63-2	616828	614237	611283	614116	0.45	cps
Dysprosium	156-1	27373	28125	27554	27684	1.42	cps
Dysprosium	156-2	23703	22865	23119	23229	1.85	cps
Erbium	164-1	22024	22298	22645	22322	1.39	cps
Erbium	164-2	15629	15182	15242	15351	1.58	cps
Gadolinium	160-1	25617	25780	25991	25796	0.73	cps
Gadolinium	160-2	19177	19293	19567	19346	1.04	cps
Holmium	165-1	32972852	33452512	33735658	33387007	1.15	cps
Holmium	165-2	22831011	22640896	22895959	22789289	0.58	cps
Indium	115-1	28744758	29240732	29466279	29150589	1.27	cps
Indium	115-2	9972123	9921150	9938597	9943956	0.26	cps
Iron	56-2	295697236	297229362	299486036	297470878	0.64	cps
Iron	57-2	7490368	7357866	7391064	7413099	0.93	cps
Iron	54-2	16239239	16163143	16310983	16237788	0.46	cps
Krypton	83-1	330	447	410	396	15.08	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 16:19:02	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	325499	331716	337146	331454	1.76	cps
Lead	207-1	286511	292267	293099	290625	1.23	cps
Lead	208-1	1294886	1323270	1329140	1315766	1.39	cps
Lithium	6-1	2795564	2878116	2897704	2857128	1.90	cps
Magnesium	24-2	3363457	3348726	3321425	3344536	0.64	cps
Manganese	55-2	8983098	9059044	9149383	9063842	0.92	cps
Molybdenum	94-1	32195	32275	32453	32308	0.41	cps
Molybdenum	95-1	5278	5521	5628	5476	3.28	cps
Molybdenum	96-1	13196	13870	13820	13629	2.76	cps
Molybdenum	97-1	3014	3314	3457	3262	6.94	cps
Molybdenum	98-1	8349	8142	8459	8317	1.93	cps
Neodymium	150-1	48660	48965	48914	48846	0.33	cps
Neodymium	150-2	28723	28753	28309	28595	0.87	cps
Nickel	60-2	78263	78216	79097	78525	0.63	cps
Phosphorus	31-2	8659	8906	8746	8770	1.43	cps
Potassium	39-2	1837144	1816210	1847645	1833666	0.87	cps
Rhodium	103-1	27513578	28512854	28867349	28297927	2.48	cps
Rhodium	103-2	16662855	16659714	16801583	16708051	0.48	cps
Scandium	45-1	15478897	15900172	16054704	15811258	1.88	cps
Scandium	45-2	1320970	1300611	1361869	1327817	2.35	cps
Selenium	82-1	1786	1692	1804	1761	3.42	cps
Selenium	77-2	127	127	110	121	7.95	cps
Selenium	78-2	623	490	687	600	16.73	cps
Silicon	28-1	13485998	14019011	14165970	13890326	2.58	cps
Silver	107-1	2837	3134	3177	3049	6.07	cps
Silver	109-1	2750	2820	2830	2800	1.56	cps
Sodium	23-2	122539	121565	121078	121727	0.61	cps
Strontium	86-1	122309	124020	126851	124393	1.84	cps
Strontium	88-1	1071185	1087292	1107040	1088506	1.65	cps
Sulfur	34-1	228976	229471	230661	229702	0.38	cps
Terbium	159-1	33838728	34243894	34423254	34168626	0.88	cps
Terbium	159-2	22761855	22756279	22535480	22684538	0.57	cps
Thallium	203-1	2144	1883	1907	1978	7.27	cps
Thallium	205-1	4441	4718	4794	4651	4.00	cps
Tin	118-1	13954	13556	14277	13929	2.59	cps
Titanium	47-1	645464	659946	665710	657040	1.59	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 16:19:02	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14982	15833	15619	15478	2.86	cps
Vanadium	51-2	444346	446113	448689	446383	0.49	cps
Yttrium	89-1	39042116	39890339	40762306	39898254	2.16	cps
Yttrium	89-2	10069110	9948100	10043629	10020280	0.64	cps
Zinc	66-2	114961	115083	114787	114943	0.13	cps
Zirconium	90-1	77959	81233	82162	80451	2.74	cps
Zirconium	91-1	17410	18305	18148	17954	2.66	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:22:14	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18958638	18630649	18547225	18712171	1.16	cps
Antimony	121-1	1870040	1911401	1949868	1910436	2.09	cps
Arsenic	75-2	197621	196837	196152	196870	0.37	cps
Barium	135-1	11449755	11705126	11766039	11640307	1.44	cps
Barium	137-1	19430599	20101601	20143573	19891925	2.01	cps
Beryllium	9-1	76973	76225	77219	76806	0.67	cps
Bismuth	209-1	19769714	19486234	19665592	19640513	0.73	cps
Bismuth	209-2	14909176	14951007	14843680	14901288	0.36	cps
Bromine	81-1	23853	24884	24701	24479	2.25	cps
Bromine	81-2	2030	1870	1920	1940	4.22	cps
Cadmium	108-1	16877	16746	17541	17055	2.50	cps
Cadmium	106-1	33839	33278	32800	33306	1.56	cps
Cadmium	111-1	253438	260531	260052	258007	1.54	cps
Calcium	43-1	609527	623577	619472	617525	1.17	cps
Calcium	44-1	9711644	9837458	9790017	9779706	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2630107	2661423	2636071	2642534	0.63	cps
Cobalt	59-2	6871746	6893237	6953236	6906073	0.61	cps
Copper	63-2	4928692	4934895	4899089	4920892	0.39	cps
Dysprosium	156-1	129695	133790	132094	131860	1.56	cps
Dysprosium	156-2	108216	109546	108021	108595	0.76	cps
Erbium	164-1	105944	106468	109337	107250	1.70	cps
Erbium	164-2	72634	72027	72008	72223	0.49	cps
Gadolinium	160-1	119051	124111	124437	122533	2.46	cps
Gadolinium	160-2	88363	87474	88604	88147	0.68	cps
Holmium	165-1	34695498	33946818	33739414	34127243	1.47	cps
Holmium	165-2	22496551	22769095	22682130	22649258	0.61	cps
Indium	115-1	29751139	29036543	29516832	29434838	1.24	cps
Indium	115-2	9801484	9866044	9703301	9790276	0.84	cps
Iron	56-2	1414107979	1391412033	1399570859	1401696957	0.82	cps
Iron	57-2	34702577	35054134	34585254	34780655	0.70	cps
Iron	54-2	77214207	76090384	76218071	76507554	0.80	cps
Krypton	83-1	507	563	477	516	8.54	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:22:14	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1660926	1707879	1708050	1692285	1.60	cps
Lead	207-1	1451697	1501316	1520036	1491016	2.37	cps
Lead	208-1	6638749	6839933	6890429	6789704	1.96	cps
Lithium	6-1	2817955	2799016	2760197	2792390	1.05	cps
Magnesium	24-2	15552591	15637865	15533370	15574609	0.36	cps
Manganese	55-2	45437173	44814734	44855409	45035772	0.77	cps
Molybdenum	94-1	152858	155825	157278	155320	1.45	cps
Molybdenum	95-1	24624	25759	25746	25377	2.57	cps
Molybdenum	96-1	62827	64712	63999	63846	1.49	cps
Molybdenum	97-1	15458	15625	15205	15429	1.37	cps
Molybdenum	98-1	38277	39684	39460	39140	1.93	cps
Neodymium	150-1	226852	234388	236398	232546	2.16	cps
Neodymium	150-2	134757	132892	132499	133383	0.90	cps
Nickel	60-2	1911358	1911132	1920148	1914213	0.27	cps
Phosphorus	31-2	40246	40320	39822	40129	0.67	cps
Potassium	39-2	8125288	8173351	8168992	8155877	0.33	cps
Rhodium	103-1	28870560	27948133	27707907	28175533	2.18	cps
Rhodium	103-2	16531583	16545303	16382363	16486416	0.55	cps
Scandium	45-1	16933649	16191299	16271039	16465329	2.48	cps
Scandium	45-2	1335961	1338658	1326906	1333842	0.46	cps
Selenium	82-1	32357	32629	32588	32525	0.45	cps
Selenium	77-2	3390	3264	3310	3322	1.93	cps
Selenium	78-2	10287	10547	10147	10327	1.97	cps
Silicon	28-1	58835966	60872214	59438759	59715646	1.75	cps
Silver	107-1	1009534	1041432	1037830	1029599	1.70	cps
Silver	109-1	962245	981579	980774	974866	1.12	cps
Sodium	23-2	323727	326505	320839	323690	0.88	cps
Strontium	86-1	576771	591498	595322	587863	1.67	cps
Strontium	88-1	5105471	5208973	5278036	5197493	1.67	cps
Sulfur	34-1	257410	258294	255712	257139	0.51	cps
Terbium	159-1	36030379	34979771	35033545	35347898	1.67	cps
Terbium	159-2	22608953	22548003	22357924	22504960	0.58	cps
Thallium	203-1	774438	802027	804249	793571	2.09	cps
Thallium	205-1	1822736	1908265	1932506	1887836	3.05	cps
Tin	118-1	50542	51953	51532	51342	1.41	cps
Titanium	47-1	3131369	3243919	3220401	3198563	1.86	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:22:14	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71645	74665	74564	73625	2.33	cps
Vanadium	51-2	5283335	5213709	5216083	5237709	0.75	cps
Yttrium	89-1	42608278	41827836	41174381	41870165	1.71	cps
Yttrium	89-2	10237150	10267684	10092487	10199107	0.92	cps
Zinc	66-2	1175286	1172749	1165278	1171104	0.44	cps
Zirconium	90-1	376220	386165	387889	383424	1.64	cps
Zirconium	91-1	84180	86248	86409	85612	1.45	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:25:10	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20090608	20187241	20295055	20190968	0.51	cps
Antimony	121-1	7430015	7786884	7827452	7681450	2.85	cps
Arsenic	75-2	306622	307953	309960	308179	0.55	cps
Barium	135-1	37087480	39155590	39609530	38617534	3.48	cps
Barium	137-1	62547276	67401612	67931646	65960178	4.50	cps
Beryllium	9-1	286801	304856	302205	297954	3.27	cps
Bismuth	209-1	19233597	19330893	19650086	19404859	1.12	cps
Bismuth	209-2	14791130	14886386	14966721	14881412	0.59	cps
Bromine	81-1	22711	23639	23980	23443	2.80	cps
Bromine	81-2	1837	2017	1893	1916	4.81	cps
Cadmium	108-1	63548	67171	67258	65993	3.21	cps
Cadmium	106-1	99072	101803	101636	100837	1.52	cps
Cadmium	111-1	971129	1008711	1019111	999650	2.53	cps
Calcium	43-1	575805	596300	601825	591310	2.32	cps
Calcium	44-1	9203405	9507403	9562624	9424477	2.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7117628	7068936	7006227	7064264	0.79	cps
Cobalt	59-2	25156122	25207202	24979929	25114418	0.47	cps
Copper	63-2	11296694	11277841	11361528	11312021	0.39	cps
Dysprosium	156-1	125108	131698	131398	129401	2.88	cps
Dysprosium	156-2	108236	108032	108730	108333	0.33	cps
Erbium	164-1	100529	104104	105958	103530	2.67	cps
Erbium	164-2	70999	70925	71193	71039	0.19	cps
Gadolinium	160-1	113640	118969	122059	118223	3.60	cps
Gadolinium	160-2	86699	85948	86948	86532	0.60	cps
Holmium	165-1	33634870	33370620	33617405	33540965	0.44	cps
Holmium	165-2	22706530	22848492	22409166	22654729	0.99	cps
Indium	115-1	28465075	29112307	29508578	29028653	1.81	cps
Indium	115-2	9727607	9712824	9715352	9718594	0.08	cps
Iron	56-2	1381740033	1397726273	1402442592	1393969633	0.78	cps
Iron	57-2	34830226	34746152	34624294	34733558	0.30	cps
Iron	54-2	76377701	75771152	75364952	75837935	0.67	cps
Krypton	83-1	453	510	490	484	5.93	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:25:10	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2360678	2482402	2525125	2456068	3.47	cps
Lead	207-1	2070395	2154909	2237683	2154329	3.88	cps
Lead	208-1	9464570	9826160	10097545	9796092	3.24	cps
Lithium	6-1	2677191	2716216	2675816	2689741	0.85	cps
Magnesium	24-2	15103356	15021556	15089185	15071366	0.29	cps
Manganese	55-2	51991046	51421603	51868719	51760456	0.58	cps
Molybdenum	94-1	144283	154219	154519	151007	3.86	cps
Molybdenum	95-1	24400	24831	26137	25123	3.60	cps
Molybdenum	96-1	60659	62406	64485	62517	3.06	cps
Molybdenum	97-1	14441	15044	15375	14953	3.17	cps
Molybdenum	98-1	37268	38755	39918	38647	3.44	cps
Neodymium	150-1	215395	229158	231998	225517	3.94	cps
Neodymium	150-2	130945	130087	130598	130543	0.33	cps
Nickel	60-2	6579797	6648856	6667651	6632101	0.70	cps
Phosphorus	31-2	39133	39187	38849	39056	0.46	cps
Potassium	39-2	7931485	7967765	7972313	7957188	0.28	cps
Rhodium	103-1	27294125	28096790	27949377	27780097	1.54	cps
Rhodium	103-2	16312972	16412365	16162331	16295889	0.77	cps
Scandium	45-1	15845223	15800266	15852889	15832793	0.18	cps
Scandium	45-2	1330855	1326769	1309230	1322285	0.87	cps
Selenium	82-1	123500	128216	130591	127436	2.83	cps
Selenium	77-2	12415	12362	12162	12313	1.09	cps
Selenium	78-2	40064	40953	41247	40755	1.51	cps
Silicon	28-1	54886908	58373459	58299586	57186651	3.48	cps
Silver	107-1	3510460	3719989	3655796	3628748	2.96	cps
Silver	109-1	3348650	3726455	3540842	3538649	5.34	cps
Sodium	23-2	319131	320568	319219	319639	0.25	cps
Strontium	86-1	550716	570266	580354	567112	2.66	cps
Strontium	88-1	4868591	5049409	5142276	5020092	2.77	cps
Sulfur	34-1	249058	251026	245528	248537	1.12	cps
Terbium	159-1	34002929	34851969	34676384	34510428	1.30	cps
Terbium	159-2	22723775	22468314	22568283	22586790	0.57	cps
Thallium	203-1	3195643	3296281	3339884	3277269	2.26	cps
Thallium	205-1	7564902	7755655	7861750	7727436	1.95	cps
Tin	118-1	47518	49949	50214	49227	3.02	cps
Titanium	47-1	2985793	3167852	3147846	3100497	3.22	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:25:10	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	68820	71376	73545	71247	3.32	cps
Vanadium	51-2	14715516	14692161	14653465	14687048	0.21	cps
Yttrium	89-1	40161494	40762073	41306025	40743197	1.41	cps
Yttrium	89-2	10226065	10270358	10012330	10169584	1.36	cps
Zinc	66-2	3294050	3247805	3260536	3267464	0.73	cps
Zirconium	90-1	356328	373393	378562	369427	3.15	cps
Zirconium	91-1	81046	84840	84441	83442	2.50	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-10	Instrumnet Name :	P7
Client Sample ID :	MYE5A3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:28:02	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20066259	20456278	19902584	20141707	1.41	cps
Antimony	121-1	49217	50987	51492	50565	2.36	cps
Arsenic	75-2	180193	179062	178226	179160	0.55	cps
Barium	135-1	3104797	3216047	3267084	3195976	2.60	cps
Barium	137-1	5349938	5552558	5622425	5508307	2.57	cps
Beryllium	9-1	3173	3278	3384	3278	3.22	cps
Bismuth	209-1	19455411	19482675	19829195	19589093	1.06	cps
Bismuth	209-2	15276965	15070094	15017565	15121541	0.91	cps
Bromine	81-1	20227	21149	20688	20688	2.23	cps
Bromine	81-2	1440	1483	1350	1425	4.77	cps
Cadmium	108-1	1380	1480	1483	1448	4.06	cps
Cadmium	106-1	11895	11598	11608	11700	1.44	cps
Cadmium	111-1	21291	21326	21491	21369	0.50	cps
Calcium	43-1	327658	341967	343108	337578	2.55	cps
Calcium	44-1	5227299	5395176	5518112	5380196	2.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1251949	1254853	1241100	1249301	0.58	cps
Cobalt	59-2	1124064	1118976	1121829	1121623	0.23	cps
Copper	63-2	4053049	4003425	3994435	4016970	0.79	cps
Dysprosium	156-1	148951	159541	159528	156007	3.92	cps
Dysprosium	156-2	126914	129360	128545	128273	0.97	cps
Erbium	164-1	123984	132475	132101	129520	3.70	cps
Erbium	164-2	88169	89081	89977	89076	1.02	cps
Gadolinium	160-1	140877	147602	148133	145537	2.78	cps
Gadolinium	160-2	106048	105312	105447	105602	0.37	cps
Holmium	165-1	33557265	34082111	33786042	33808473	0.78	cps
Holmium	165-2	22933647	22640019	22967826	22847164	0.79	cps
Indium	115-1	28774472	29110383	29045804	28976886	0.62	cps
Indium	115-2	9850838	9834946	9882262	9856016	0.24	cps
Iron	56-2	1448548832	1466565845	1468807285	1461307320	0.76	cps
Iron	57-2	36080841	36100805	36307309	36162985	0.35	cps
Iron	54-2	80083995	79533085	79402417	79673166	0.45	cps
Krypton	83-1	450	500	527	492	7.91	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-10	Instrumnet Name :	P7
Client Sample ID :	MYE5A3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:28:02	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1761586	1842733	1833290	1812536	2.45	cps
Lead	207-1	1537462	1603562	1637804	1592943	3.20	cps
Lead	208-1	6986438	7317339	7421350	7241709	3.14	cps
Lithium	6-1	2686963	2716648	2698489	2700700	0.55	cps
Magnesium	24-2	16964761	16861855	16718972	16848529	0.73	cps
Manganese	55-2	48286178	48257718	48412274	48318723	0.17	cps
Molybdenum	94-1	160751	167766	167803	165440	2.45	cps
Molybdenum	95-1	25579	26464	26491	26178	1.98	cps
Molybdenum	96-1	64502	67036	68228	66589	2.86	cps
Molybdenum	97-1	15341	15952	16089	15794	2.52	cps
Molybdenum	98-1	38658	39587	40282	39509	2.06	cps
Neodymium	150-1	264110	275416	277867	272464	2.69	cps
Neodymium	150-2	155676	157775	159406	157619	1.19	cps
Nickel	60-2	400696	396799	395592	397696	0.67	cps
Phosphorus	31-2	41590	42319	41433	41780	1.13	cps
Potassium	39-2	9824952	10040108	10019579	9961546	1.19	cps
Rhodium	103-1	27704203	27472417	27734486	27637035	0.52	cps
Rhodium	103-2	16605956	16364958	16592868	16521261	0.82	cps
Scandium	45-1	15968672	16012719	16059413	16013601	0.28	cps
Scandium	45-2	1355761	1365953	1405202	1375639	1.90	cps
Selenium	82-1	2000	2035	2118	2051	2.97	cps
Selenium	77-2	637	597	490	574	13.20	cps
Selenium	78-2	1050	983	973	1002	4.16	cps
Silicon	28-1	64171674	67085037	67005666	66087459	2.51	cps
Silver	107-1	21469	22023	21533	21675	1.40	cps
Silver	109-1	20248	20308	20411	20322	0.41	cps
Sodium	23-2	222913	223259	224237	223470	0.31	cps
Strontium	86-1	394885	413994	416019	408299	2.86	cps
Strontium	88-1	3542192	3670840	3725962	3646331	2.59	cps
Sulfur	34-1	224738	222957	220031	222575	1.07	cps
Terbium	159-1	34738745	34613542	35242362	34864883	0.95	cps
Terbium	159-2	23080614	22518016	22582234	22726955	1.36	cps
Thallium	203-1	10714	10848	10938	10833	1.04	cps
Thallium	205-1	25317	24970	25417	25235	0.93	cps
Tin	118-1	53593	55570	56932	55365	3.03	cps
Titanium	47-1	3460945	3625903	3635650	3574166	2.75	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-10	Instrumnet Name :	P7
Client Sample ID :	MYE5A3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:28:02	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	85388	88643	89874	87968	2.64	cps
Vanadium	51-2	2498239	2493082	2502181	2497834	0.18	cps
Yttrium	89-1	40678184	41150500	41569038	41132574	1.08	cps
Yttrium	89-2	10320959	10372881	10384423	10359421	0.33	cps
Zinc	66-2	601191	597031	591707	596643	0.80	cps
Zirconium	90-1	392960	410813	412334	405369	2.66	cps
Zirconium	91-1	89222	93177	92831	91743	2.39	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-11	Instrumnet Name :	P7
Client Sample ID :	MYE5A4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:31:02	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19328449	19512932	19458883	19433421	0.49	cps
Antimony	121-1	41349	43723	44221	43098	3.56	cps
Arsenic	75-2	148817	150699	148332	149283	0.84	cps
Barium	135-1	2685416	2787832	2767509	2746919	1.97	cps
Barium	137-1	4603394	4780532	4826852	4736926	2.49	cps
Beryllium	9-1	2734	3034	3045	2937	6.01	cps
Bismuth	209-1	19431332	19748840	20042954	19741042	1.55	cps
Bismuth	209-2	15171885	15211324	15283209	15222139	0.37	cps
Bromine	81-1	26781	27549	28184	27505	2.55	cps
Bromine	81-2	2457	2517	2470	2481	1.27	cps
Cadmium	108-1	723	807	807	779	6.18	cps
Cadmium	106-1	10934	11131	11084	11050	0.93	cps
Cadmium	111-1	13036	13548	13482	13355	2.09	cps
Calcium	43-1	969705	997497	1001752	989651	1.76	cps
Calcium	44-1	15413452	15987420	15666969	15689280	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1031093	1016996	1015791	1021293	0.83	cps
Cobalt	59-2	909302	909254	908407	908988	0.06	cps
Copper	63-2	2292754	2334781	2279878	2302471	1.25	cps
Dysprosium	156-1	148440	153269	153987	151899	1.99	cps
Dysprosium	156-2	124011	123875	123914	123933	0.06	cps
Erbium	164-1	125471	129887	131239	128865	2.34	cps
Erbium	164-2	88458	88206	87632	88099	0.48	cps
Gadolinium	160-1	139113	143563	145594	142757	2.32	cps
Gadolinium	160-2	102639	102095	102434	102389	0.27	cps
Holmium	165-1	33585345	34681182	34425759	34230762	1.67	cps
Holmium	165-2	23429246	23285263	22952633	23222381	1.05	cps
Indium	115-1	28777823	29524733	29831515	29378024	1.84	cps
Indium	115-2	9963139	9866975	9926304	9918806	0.49	cps
Iron	56-2	1166901583	1144581583	1144687876	1152057014	1.12	cps
Iron	57-2	29073370	28410957	28310199	28598175	1.45	cps
Iron	54-2	63065854	62877972	62495489	62813105	0.46	cps
Krypton	83-1	557	560	523	547	3.71	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-11	Instrumnet Name :	P7
Client Sample ID :	MYE5A4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:31:02	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	798499	832586	841591	824225	2.76	cps
Lead	207-1	689161	715121	721199	708494	2.40	cps
Lead	208-1	3147416	3274387	3295377	3239060	2.47	cps
Lithium	6-1	2700025	2679810	2733174	2704336	1.00	cps
Magnesium	24-2	18220673	18603593	18176688	18333651	1.28	cps
Manganese	55-2	34774479	34209293	34063869	34349214	1.09	cps
Molybdenum	94-1	133411	139833	140755	138000	2.90	cps
Molybdenum	95-1	27486	28939	28955	28460	2.96	cps
Molybdenum	96-1	60454	62372	62523	61783	1.87	cps
Molybdenum	97-1	16703	17417	17671	17264	2.91	cps
Molybdenum	98-1	42632	43976	45002	43870	2.71	cps
Neodymium	150-1	256721	270297	269624	265548	2.88	cps
Neodymium	150-2	152417	153011	152343	152590	0.24	cps
Nickel	60-2	349063	345415	344639	346372	0.68	cps
Phosphorus	31-2	79730	79408	80222	79787	0.51	cps
Potassium	39-2	9801643	9722415	9692951	9739003	0.58	cps
Rhodium	103-1	27353444	28303525	28350175	28002381	2.01	cps
Rhodium	103-2	16843217	17113586	16980858	16979220	0.80	cps
Scandium	45-1	15787037	16219495	16217337	16074623	1.55	cps
Scandium	45-2	1394125	1335682	1345566	1358458	2.30	cps
Selenium	82-1	2184	2075	2114	2124	2.61	cps
Selenium	77-2	493	510	560	521	6.66	cps
Selenium	78-2	953	1017	897	956	6.28	cps
Silicon	28-1	66726622	67271729	67886962	67295105	0.86	cps
Silver	107-1	6271	6575	6525	6457	2.52	cps
Silver	109-1	5778	6318	5811	5969	5.07	cps
Sodium	23-2	302078	300772	297165	300005	0.85	cps
Strontium	86-1	930459	958758	967989	952402	2.05	cps
Strontium	88-1	8367890	8559612	8549010	8492170	1.27	cps
Sulfur	34-1	281737	280053	280494	280761	0.31	cps
Terbium	159-1	34122146	35595374	35784156	35167225	2.59	cps
Terbium	159-2	22944499	22762644	23283610	22996918	1.15	cps
Thallium	203-1	7956	8389	8243	8196	2.69	cps
Thallium	205-1	18663	19571	19374	19203	2.49	cps
Tin	118-1	52137	54121	56109	54123	3.67	cps
Titanium	47-1	2581353	2608895	2633250	2607833	1.00	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-11	Instrumnet Name :	P7
Client Sample ID :	MYE5A4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:31:02	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	93546	97769	97571	96295	2.47	cps
Vanadium	51-2	2134196	2144276	2095500	2124657	1.21	cps
Yttrium	89-1	40917088	41842619	41909019	41556242	1.33	cps
Yttrium	89-2	10507356	10471720	10441317	10473464	0.32	cps
Zinc	66-2	598878	598568	600651	599365	0.19	cps
Zirconium	90-1	320701	333930	336398	330343	2.56	cps
Zirconium	91-1	71533	74417	75372	73774	2.71	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-12	Instrumnet Name :	P7
Client Sample ID :	MYE5A5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:34:04	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20750060	20710541	20706428	20722343	0.12	cps
Antimony	121-1	41369	42048	42132	41850	1.00	cps
Arsenic	75-2	144535	143835	143614	143995	0.33	cps
Barium	135-1	3186438	3285085	3258240	3243254	1.57	cps
Barium	137-1	5464007	5590495	5545704	5533402	1.16	cps
Beryllium	9-1	2800	3017	3050	2956	4.59	cps
Bismuth	209-1	19303608	19800308	19752107	19618674	1.40	cps
Bismuth	209-2	15291513	15616034	15172946	15360164	1.49	cps
Bromine	81-1	26541	27830	27950	27440	2.85	cps
Bromine	81-2	2580	2604	2684	2622	2.07	cps
Cadmium	108-1	703	783	817	768	7.59	cps
Cadmium	106-1	10904	11058	10651	10871	1.89	cps
Cadmium	111-1	13172	13203	12908	13095	1.24	cps
Calcium	43-1	893465	923461	926275	914400	1.99	cps
Calcium	44-1	14337621	14544766	14594597	14492328	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1060528	1057535	1057539	1058534	0.16	cps
Cobalt	59-2	908687	908391	905309	907462	0.21	cps
Copper	63-2	2369333	2385812	2384004	2379716	0.38	cps
Dysprosium	156-1	153896	157617	159824	157112	1.91	cps
Dysprosium	156-2	128734	129036	128710	128826	0.14	cps
Erbium	164-1	128935	132484	134412	131944	2.11	cps
Erbium	164-2	89629	88592	88860	89027	0.60	cps
Gadolinium	160-1	141833	147929	147042	145601	2.26	cps
Gadolinium	160-2	104348	103197	103519	103688	0.57	cps
Holmium	165-1	33131322	35013351	34538894	34227856	2.86	cps
Holmium	165-2	23127575	23314163	23016151	23152630	0.65	cps
Indium	115-1	28819384	29801073	30056512	29558990	2.21	cps
Indium	115-2	9932024	10021636	10001644	9985102	0.47	cps
Iron	56-2	1116785317	1110317103	1125895930	1117666117	0.70	cps
Iron	57-2	27691761	27418620	27536382	27548921	0.50	cps
Iron	54-2	60482614	60326997	60826046	60545219	0.42	cps
Krypton	83-1	513	533	560	536	4.37	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-12	Instrumnet Name :	P7
Client Sample ID :	MYE5A5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:34:04	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	842052	869133	871989	861058	1.92	cps
Lead	207-1	722401	749906	749894	740734	2.14	cps
Lead	208-1	3317158	3420508	3431024	3389564	1.86	cps
Lithium	6-1	2688327	2728618	2702147	2706364	0.76	cps
Magnesium	24-2	18280844	18334028	18374486	18329786	0.26	cps
Manganese	55-2	38922210	39272020	39049229	39081153	0.45	cps
Molybdenum	94-1	130866	135224	134164	133418	1.70	cps
Molybdenum	95-1	26621	28184	28241	27682	3.32	cps
Molybdenum	96-1	57546	61455	61827	60276	3.93	cps
Molybdenum	97-1	16933	17083	17571	17196	1.94	cps
Molybdenum	98-1	41997	43886	43725	43203	2.42	cps
Neodymium	150-1	271711	280936	283779	278809	2.26	cps
Neodymium	150-2	160300	158925	158925	159383	0.50	cps
Nickel	60-2	361331	359332	359508	360057	0.31	cps
Phosphorus	31-2	84264	83798	83496	83853	0.46	cps
Potassium	39-2	9842174	9886647	10008849	9912557	0.87	cps
Rhodium	103-1	27596619	28297645	28599472	28164579	1.83	cps
Rhodium	103-2	16828602	16905362	16749931	16827965	0.46	cps
Scandium	45-1	15948675	15909309	16342019	16066668	1.49	cps
Scandium	45-2	1382000	1382853	1404906	1389920	0.93	cps
Selenium	82-1	2089	2094	2158	2114	1.80	cps
Selenium	77-2	553	430	490	491	12.56	cps
Selenium	78-2	947	930	900	926	2.56	cps
Silicon	28-1	65666002	66396336	66887199	66316512	0.93	cps
Silver	107-1	6588	6702	6752	6680	1.25	cps
Silver	109-1	6178	6288	6211	6226	0.91	cps
Sodium	23-2	296177	295450	296763	296130	0.22	cps
Strontium	86-1	967740	993061	1002744	987848	1.83	cps
Strontium	88-1	8659808	8850037	8838009	8782618	1.21	cps
Sulfur	34-1	282575	282146	276829	280517	1.14	cps
Terbium	159-1	34719965	35559674	36346658	35542099	2.29	cps
Terbium	159-2	22930829	23284174	22943842	23052948	0.87	cps
Thallium	203-1	8036	8112	8136	8095	0.65	cps
Thallium	205-1	18653	19684	20275	19537	4.20	cps
Tin	118-1	48585	50190	49448	49408	1.63	cps
Titanium	47-1	2698905	2752361	2756314	2735860	1.17	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-12	Instrumnet Name :	P7
Client Sample ID :	MYE5A5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:34:04	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	98340	103055	104550	101981	3.18	cps
Vanadium	51-2	2073668	2066709	2108013	2082796	1.06	cps
Yttrium	89-1	40833459	42178717	42588172	41866782	2.19	cps
Yttrium	89-2	10527016	10622416	10587448	10578960	0.46	cps
Zinc	66-2	597125	599312	592740	596392	0.56	cps
Zirconium	90-1	309267	322642	325435	319115	2.71	cps
Zirconium	91-1	69129	71781	72431	71114	2.46	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-13	Instrumnet Name :	P7
Client Sample ID :	MYE5A6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:37:05	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31808854	31835930	32056485	31900423	0.43	cps
Antimony	121-1	42292	44007	44321	43540	2.51	cps
Arsenic	75-2	87603	87305	87164	87357	0.26	cps
Barium	135-1	872527	893330	893749	886535	1.37	cps
Barium	137-1	1494598	1531541	1554945	1527028	1.99	cps
Beryllium	9-1	1100	1167	1456	1241	15.23	cps
Bismuth	209-1	19524673	19597848	19578951	19567158	0.19	cps
Bismuth	209-2	15069116	15047117	15101853	15072695	0.18	cps
Bromine	81-1	22260	24076	23592	23310	4.03	cps
Bromine	81-2	1553	1667	1567	1596	3.88	cps
Cadmium	108-1	1127	1057	1013	1066	5.37	cps
Cadmium	106-1	11258	10864	11054	11059	1.78	cps
Cadmium	111-1	10559	10549	10616	10575	0.34	cps
Calcium	43-1	987627	1008160	1014467	1003418	1.40	cps
Calcium	44-1	15660837	15921285	16081598	15887907	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3365702	3394505	3355742	3371983	0.60	cps
Cobalt	59-2	1689512	1690190	1725269	1701657	1.20	cps
Copper	63-2	3775729	3739243	3779997	3764990	0.59	cps
Dysprosium	156-1	74701	77603	77590	76631	2.18	cps
Dysprosium	156-2	58086	58796	57504	58128	1.11	cps
Erbium	164-1	83840	85872	88223	85978	2.55	cps
Erbium	164-2	58863	57923	57816	58201	0.99	cps
Gadolinium	160-1	78615	79857	80637	79703	1.28	cps
Gadolinium	160-2	56513	56738	57347	56866	0.76	cps
Holmium	165-1	35371813	34294453	34497034	34721100	1.65	cps
Holmium	165-2	23143701	22974899	22959820	23026140	0.44	cps
Indium	115-1	30249319	29715284	29671802	29878802	1.08	cps
Indium	115-2	9949520	9831212	9747480	9842737	1.03	cps
Iron	56-2	1247115981	1245358861	1239194355	1243889733	0.33	cps
Iron	57-2	30722879	31031798	30432331	30729003	0.98	cps
Iron	54-2	67501901	68213267	68126644	67947271	0.57	cps
Krypton	83-1	427	493	443	454	7.63	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-13	Instrumnet Name :	P7
Client Sample ID :	MYE5A6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:37:05	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	318773	329258	327420	325150	1.72	cps
Lead	207-1	278717	289163	287981	285287	2.01	cps
Lead	208-1	1268703	1307948	1311239	1295963	1.83	cps
Lithium	6-1	2760468	2674550	2739029	2724682	1.64	cps
Magnesium	24-2	45358153	45141356	44748931	45082813	0.68	cps
Manganese	55-2	21444436	21612748	21542808	21533331	0.39	cps
Molybdenum	94-1	61706	64612	63835	63384	2.37	cps
Molybdenum	95-1	11685	11742	11555	11660	0.82	cps
Molybdenum	96-1	33822	35095	35196	34705	2.21	cps
Molybdenum	97-1	6682	7349	7405	7145	5.63	cps
Molybdenum	98-1	17531	17861	17851	17748	1.06	cps
Neodymium	150-1	101966	104289	106408	104221	2.13	cps
Neodymium	150-2	59776	59120	59217	59371	0.60	cps
Nickel	60-2	1118891	1108313	1107355	1111520	0.58	cps
Phosphorus	31-2	31723	31776	32127	31875	0.69	cps
Potassium	39-2	4667910	4566319	4726501	4653577	1.74	cps
Rhodium	103-1	29222828	28228571	28439445	28630282	1.83	cps
Rhodium	103-2	16717560	16507529	16650731	16625273	0.65	cps
Scandium	45-1	17020998	16408950	16767835	16732594	1.84	cps
Scandium	45-2	1377111	1352907	1393191	1374403	1.48	cps
Selenium	82-1	2046	1878	2022	1982	4.58	cps
Selenium	77-2	317	243	220	260	19.40	cps
Selenium	78-2	783	830	757	790	4.70	cps
Silicon	28-1	51677801	52437166	52309503	52141490	0.78	cps
Silver	107-1	4584	4874	4871	4776	3.49	cps
Silver	109-1	4481	4521	4551	4517	0.78	cps
Sodium	23-2	509299	507943	500788	506010	0.90	cps
Strontium	86-1	560062	577564	577153	571593	1.75	cps
Strontium	88-1	4954647	5098560	5091950	5048386	1.61	cps
Sulfur	34-1	244773	245004	245230	245002	0.09	cps
Terbium	159-1	35685312	35354742	35949358	35663137	0.84	cps
Terbium	159-2	23069930	23061198	23068089	23066405	0.02	cps
Thallium	203-1	2637	2640	2820	2699	3.89	cps
Thallium	205-1	6565	6518	6625	6569	0.81	cps
Tin	118-1	43175	44482	43907	43854	1.49	cps
Titanium	47-1	4237124	4336442	4366889	4313485	1.57	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-13	Instrumnet Name :	P7
Client Sample ID :	MYE5A6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:37:05	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23571	24336	24112	24006	1.64	cps
Vanadium	51-2	2425404	2414884	2459529	2433272	0.96	cps
Yttrium	89-1	42811624	42033179	42108715	42317839	1.01	cps
Yttrium	89-2	10376093	10077456	10213610	10222386	1.46	cps
Zinc	66-2	366343	364559	366115	365672	0.27	cps
Zirconium	90-1	148900	155907	155594	153467	2.58	cps
Zirconium	91-1	33488	34905	35012	34468	2.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-14	Instrumnet Name :	P7
Client Sample ID :	MYE5A7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:40:08	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27150520	27002545	26976835	27043300	0.35	cps
Antimony	121-1	32911	33586	33415	33304	1.05	cps
Arsenic	75-2	112935	113443	114541	113639	0.72	cps
Barium	135-1	1928158	1901502	1967898	1932519	1.73	cps
Barium	137-1	3309627	3324791	3360038	3331486	0.78	cps
Beryllium	9-1	2022	2045	2039	2035	0.57	cps
Bismuth	209-1	19953151	19525236	19792337	19756908	1.09	cps
Bismuth	209-2	14891028	15034880	15058398	14994769	0.60	cps
Bromine	81-1	22307	22788	22928	22674	1.44	cps
Bromine	81-2	1433	1477	1420	1443	2.05	cps
Cadmium	108-1	1083	1030	1020	1044	3.26	cps
Cadmium	106-1	11778	11405	11301	11495	2.18	cps
Cadmium	111-1	13498	13637	13568	13568	0.51	cps
Calcium	43-1	1004697	1021175	1026033	1017302	1.10	cps
Calcium	44-1	15883868	16203643	16282097	16123203	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2618846	2651010	2655399	2641752	0.76	cps
Cobalt	59-2	1280154	1309955	1295428	1295179	1.15	cps
Copper	63-2	3457096	3382190	3368808	3402698	1.40	cps
Dysprosium	156-1	98137	99214	100147	99166	1.01	cps
Dysprosium	156-2	77040	76145	78380	77188	1.46	cps
Erbium	164-1	95369	97413	96957	96580	1.11	cps
Erbium	164-2	64752	64749	64541	64681	0.19	cps
Gadolinium	160-1	95831	95996	98336	96721	1.45	cps
Gadolinium	160-2	68463	68108	68811	68461	0.51	cps
Holmium	165-1	34731221	34689874	34422555	34614550	0.48	cps
Holmium	165-2	22841954	23144845	22738670	22908490	0.92	cps
Indium	115-1	30048351	29631435	29449796	29709860	1.03	cps
Indium	115-2	9645339	9897239	9851368	9797982	1.37	cps
Iron	56-2	1290251261	1274454834	1271054914	1278587003	0.80	cps
Iron	57-2	31932192	32316040	32115360	32121197	0.60	cps
Iron	54-2	69238192	69413966	70900621	69850926	1.31	cps
Krypton	83-1	397	590	543	510	19.78	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-14	Instrumnet Name :	P7
Client Sample ID :	MYE5A7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:40:08	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	847237	867592	869004	861278	1.41	cps
Lead	207-1	748907	768902	777737	765182	1.93	cps
Lead	208-1	3397674	3462198	3493942	3451271	1.42	cps
Lithium	6-1	2851418	2687807	2723640	2754288	3.12	cps
Magnesium	24-2	36325465	35587390	36027196	35980017	1.03	cps
Manganese	55-2	30020969	29783460	30142171	29982200	0.61	cps
Molybdenum	94-1	112000	114150	116740	114297	2.08	cps
Molybdenum	95-1	15565	15899	16206	15890	2.02	cps
Molybdenum	96-1	46908	47049	47838	47265	1.06	cps
Molybdenum	97-1	9720	10010	9973	9901	1.60	cps
Molybdenum	98-1	23943	24648	24444	24345	1.49	cps
Neodymium	150-1	152663	154210	157327	154733	1.54	cps
Neodymium	150-2	87794	86335	86999	87043	0.84	cps
Nickel	60-2	858869	857280	851828	855992	0.43	cps
Phosphorus	31-2	32384	31847	31897	32042	0.93	cps
Potassium	39-2	4442848	4554927	4587806	4528527	1.68	cps
Rhodium	103-1	28670776	28419073	28172252	28420700	0.88	cps
Rhodium	103-2	16408469	16578446	16696103	16561006	0.87	cps
Scandium	45-1	16684521	16417961	16405026	16502503	0.96	cps
Scandium	45-2	1340688	1362488	1354978	1352718	0.82	cps
Selenium	82-1	2037	1803	1812	1884	7.03	cps
Selenium	77-2	373	297	323	331	11.75	cps
Selenium	78-2	843	850	800	831	3.27	cps
Silicon	28-1	63024541	64167129	64656352	63949341	1.31	cps
Silver	107-1	10464	9817	10521	10267	3.81	cps
Silver	109-1	9620	9163	9356	9380	2.45	cps
Sodium	23-2	441146	437766	446377	441763	0.98	cps
Strontium	86-1	493429	502341	510023	501931	1.65	cps
Strontium	88-1	4343718	4546293	4498451	4462821	2.37	cps
Sulfur	34-1	242758	242433	243019	242737	0.12	cps
Terbium	159-1	35746600	35666647	35611087	35674778	0.19	cps
Terbium	159-2	22849750	22870667	23039041	22919819	0.45	cps
Thallium	203-1	5104	5144	5221	5157	1.15	cps
Thallium	205-1	12039	12109	12332	12160	1.26	cps
Tin	118-1	46986	48816	48458	48087	2.02	cps
Titanium	47-1	4193119	4247382	4222843	4221115	0.64	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-14	Instrumnet Name :	P7
Client Sample ID :	MYE5A7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:40:08	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42648	42327	42277	42417	0.47	cps
Vanadium	51-2	2439968	2435280	2474371	2449873	0.87	cps
Yttrium	89-1	42107284	41917288	41608249	41877607	0.60	cps
Yttrium	89-2	10257398	10327431	10234477	10273102	0.47	cps
Zinc	66-2	405277	404318	404614	404736	0.12	cps
Zirconium	90-1	282771	287395	289624	286597	1.22	cps
Zirconium	91-1	63145	64246	65134	64175	1.55	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-15	Instrumnet Name :	P7
Client Sample ID :	MYE5A8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:43:09	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21266796	21228420	21082093	21192436	0.46	cps
Antimony	121-1	54566	56290	55557	55471	1.56	cps
Arsenic	75-2	165831	165137	164227	165065	0.49	cps
Barium	135-1	3565145	3604169	3610305	3593207	0.68	cps
Barium	137-1	6116602	6176410	6227042	6173352	0.90	cps
Beryllium	9-1	3167	2923	3073	3054	4.04	cps
Bismuth	209-1	19694124	19465963	19367501	19509196	0.86	cps
Bismuth	209-2	15042372	15004849	14768257	14938493	0.99	cps
Bromine	81-1	26614	27686	27669	27323	2.25	cps
Bromine	81-2	2447	2420	2827	2565	8.87	cps
Cadmium	108-1	873	880	917	890	2.62	cps
Cadmium	106-1	11882	11121	10914	11306	4.51	cps
Cadmium	111-1	15711	15074	15077	15288	2.40	cps
Calcium	43-1	560633	565571	564340	563514	0.46	cps
Calcium	44-1	8714997	8988723	8820683	8841468	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1237843	1223481	1231726	1231017	0.59	cps
Cobalt	59-2	1154680	1148533	1149271	1150828	0.29	cps
Copper	63-2	2791534	2756477	2741422	2763144	0.93	cps
Dysprosium	156-1	150989	153057	154998	153015	1.31	cps
Dysprosium	156-2	121265	122472	122414	122050	0.56	cps
Erbium	164-1	121105	124128	124293	123176	1.46	cps
Erbium	164-2	82485	83202	81446	82378	1.07	cps
Gadolinium	160-1	139567	142076	142746	141463	1.18	cps
Gadolinium	160-2	99976	100349	100255	100194	0.19	cps
Holmium	165-1	34753409	33889555	34502430	34381798	1.29	cps
Holmium	165-2	22787376	22638132	22668499	22698002	0.35	cps
Indium	115-1	29696717	29078803	28937051	29237524	1.38	cps
Indium	115-2	9629025	9635935	9614348	9626436	0.11	cps
Iron	56-2	1652589362	1646762375	1671705682	1657019140	0.79	cps
Iron	57-2	41812535	41142689	41357774	41437666	0.83	cps
Iron	54-2	90023472	89765719	90643705	90144299	0.50	cps
Krypton	83-1	540	557	527	541	2.78	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-15	Instrumnet Name :	P7
Client Sample ID :	MYE5A8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:43:09	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1176699	1197930	1207849	1194159	1.33	cps
Lead	207-1	1044448	1057684	1068684	1056939	1.15	cps
Lead	208-1	4721330	4757287	4824801	4767806	1.10	cps
Lithium	6-1	2769266	2717482	2689528	2725425	1.48	cps
Magnesium	24-2	18229859	18326793	18165419	18240691	0.45	cps
Manganese	55-2	53766093	53691368	54903404	54120288	1.26	cps
Molybdenum	94-1	137011	142580	143178	140923	2.41	cps
Molybdenum	95-1	31146	32012	31995	31718	1.56	cps
Molybdenum	96-1	69545	70231	71832	70536	1.66	cps
Molybdenum	97-1	19259	19096	19106	19154	0.48	cps
Molybdenum	98-1	47995	48734	49768	48832	1.82	cps
Neodymium	150-1	261833	266935	269547	266105	1.47	cps
Neodymium	150-2	151039	150023	150248	150437	0.35	cps
Nickel	60-2	391969	394374	391880	392741	0.36	cps
Phosphorus	31-2	61128	62146	60834	61369	1.12	cps
Potassium	39-2	12184255	12279759	12379583	12281199	0.80	cps
Rhodium	103-1	28412951	27928410	27695922	28012428	1.31	cps
Rhodium	103-2	16338255	16326289	16434857	16366467	0.36	cps
Scandium	45-1	16444364	16139461	16180999	16254941	1.02	cps
Scandium	45-2	1339200	1393119	1375077	1369132	2.00	cps
Selenium	82-1	1999	1940	1981	1973	1.53	cps
Selenium	77-2	463	453	480	466	2.89	cps
Selenium	78-2	930	987	877	931	5.91	cps
Silicon	28-1	57691064	57978409	58910377	58193284	1.10	cps
Silver	107-1	11675	12489	12279	12147	3.48	cps
Silver	109-1	11211	11254	11551	11339	1.63	cps
Sodium	23-2	261124	262242	261797	261721	0.22	cps
Strontium	86-1	839317	855571	849306	848065	0.97	cps
Strontium	88-1	7466871	7590067	7607446	7554795	1.01	cps
Sulfur	34-1	266217	264013	261000	263743	0.99	cps
Terbium	159-1	35879150	34906668	35580496	35455438	1.41	cps
Terbium	159-2	22540305	22732075	22445086	22572489	0.65	cps
Thallium	203-1	8056	8032	8389	8159	2.45	cps
Thallium	205-1	19351	19060	20218	19543	3.08	cps
Tin	118-1	47682	48260	49093	48345	1.47	cps
Titanium	47-1	3160597	3181311	3167667	3169859	0.33	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-15	Instrumnet Name :	P7
Client Sample ID :	MYE5A8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:43:09	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	81749	82423	83828	82667	1.28	cps
Vanadium	51-2	2669448	2689697	2632876	2664007	1.08	cps
Yttrium	89-1	42245886	41278527	40983842	41502752	1.59	cps
Yttrium	89-2	10251773	10209991	10233434	10231733	0.20	cps
Zinc	66-2	692883	683144	684671	686899	0.76	cps
Zirconium	90-1	331428	335251	335619	334099	0.69	cps
Zirconium	91-1	74451	75386	75171	75003	0.65	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-16	Instrumnet Name :	P7
Client Sample ID :	MYE5A9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:46:12	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28771280	28192950	28519659	28494630	1.02	cps
Antimony	121-1	31842	32323	32560	32242	1.14	cps
Arsenic	75-2	188852	189517	187454	188608	0.56	cps
Barium	135-1	4119075	4105311	4186492	4136959	1.05	cps
Barium	137-1	6917814	7080875	7098176	7032288	1.42	cps
Beryllium	9-1	4817	4801	4612	4743	2.41	cps
Bismuth	209-1	19458179	19365253	19444901	19422778	0.26	cps
Bismuth	209-2	14679931	14523154	14730588	14644558	0.74	cps
Bromine	81-1	39225	41284	42631	41047	4.18	cps
Bromine	81-2	5128	4981	5244	5118	2.58	cps
Cadmium	108-1	807	843	803	818	2.71	cps
Cadmium	106-1	11511	10888	10741	11047	3.70	cps
Cadmium	111-1	11947	11815	11724	11829	0.95	cps
Calcium	43-1	703964	715742	714779	711495	0.92	cps
Calcium	44-1	11196578	11196281	11299604	11230821	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1466498	1423901	1447899	1446099	1.48	cps
Cobalt	59-2	1186142	1187797	1176173	1183370	0.53	cps
Copper	63-2	2471002	2471612	2443664	2462092	0.65	cps
Dysprosium	156-1	182081	185015	184413	183836	0.84	cps
Dysprosium	156-2	146845	146155	147893	146964	0.60	cps
Erbium	164-1	157867	160675	159731	159425	0.90	cps
Erbium	164-2	106555	106200	106196	106317	0.19	cps
Gadolinium	160-1	172322	176936	176092	175117	1.40	cps
Gadolinium	160-2	124581	122537	123878	123665	0.84	cps
Holmium	165-1	34141778	33750449	33806762	33899663	0.62	cps
Holmium	165-2	22019118	22198749	22446491	22221453	0.97	cps
Indium	115-1	29105046	28944113	28949386	28999515	0.32	cps
Indium	115-2	9586546	9637152	9578069	9600589	0.33	cps
Iron	56-2	1598188776	1599835229	1592525790	1596849932	0.24	cps
Iron	57-2	39385823	40174009	39426690	39662174	1.12	cps
Iron	54-2	86074045	86302659	86838439	86405048	0.45	cps
Krypton	83-1	677	550	673	633	11.40	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-16	Instrumnet Name :	P7
Client Sample ID :	MYE5A9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:46:12	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1188967	1222242	1230558	1213922	1.81	cps
Lead	207-1	1051191	1072132	1076360	1066561	1.26	cps
Lead	208-1	4764941	4880516	4864989	4836815	1.30	cps
Lithium	6-1	2574585	2591457	2537541	2567861	1.07	cps
Magnesium	24-2	19431714	19378361	19036314	19282129	1.11	cps
Manganese	55-2	57616366	57470789	57845921	57644359	0.33	cps
Molybdenum	94-1	175215	179087	179894	178065	1.40	cps
Molybdenum	95-1	22190	22708	22598	22498	1.21	cps
Molybdenum	96-1	65513	66527	66946	66328	1.11	cps
Molybdenum	97-1	13059	13653	13720	13477	2.70	cps
Molybdenum	98-1	32940	33842	33732	33505	1.47	cps
Neodymium	150-1	314522	322911	322035	319823	1.44	cps
Neodymium	150-2	180622	182688	179106	180805	0.99	cps
Nickel	60-2	432573	434121	427778	431491	0.77	cps
Phosphorus	31-2	29285	28944	29676	29301	1.25	cps
Potassium	39-2	6064580	6127827	6145670	6112692	0.70	cps
Rhodium	103-1	28034910	27610585	27358847	27668114	1.23	cps
Rhodium	103-2	16127715	16188543	16158155	16158138	0.19	cps
Scandium	45-1	16249246	16136574	16031427	16139083	0.67	cps
Scandium	45-2	1360073	1345121	1363805	1356333	0.73	cps
Selenium	82-1	1936	2006	2055	1999	3.00	cps
Selenium	77-2	630	610	640	627	2.44	cps
Selenium	78-2	1097	1037	1013	1049	4.10	cps
Silicon	28-1	64030567	65721372	65358352	65036764	1.37	cps
Silver	107-1	9767	10197	9830	9931	2.34	cps
Silver	109-1	9280	9426	9587	9431	1.63	cps
Sodium	23-2	256488	259331	258381	258066	0.56	cps
Strontium	86-1	657267	668631	665161	663686	0.88	cps
Strontium	88-1	5860833	5940413	5997314	5932853	1.16	cps
Sulfur	34-1	232377	230289	229183	230616	0.70	cps
Terbium	159-1	35319371	34822793	35128617	35090260	0.71	cps
Terbium	159-2	22483673	22343616	22452579	22426622	0.33	cps
Thallium	203-1	11755	11805	12296	11952	2.50	cps
Thallium	205-1	28223	28841	29282	28782	1.85	cps
Tin	118-1	57491	59733	60205	59143	2.45	cps
Titanium	47-1	2907968	2978085	2938032	2941362	1.20	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-16	Instrumnet Name :	P7
Client Sample ID :	MYE5A9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:46:12	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	95607	98598	98948	97718	1.88	cps
Vanadium	51-2	2730767	2718122	2716979	2721956	0.28	cps
Yttrium	89-1	41897802	42003231	41817322	41906118	0.22	cps
Yttrium	89-2	10210203	10130503	10222903	10187870	0.49	cps
Zinc	66-2	461792	460666	464811	462423	0.46	cps
Zirconium	90-1	442913	454835	457188	451646	1.69	cps
Zirconium	91-1	99407	100739	102948	101031	1.77	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-17	Instrumnet Name :	P7
Client Sample ID :	MYE5B0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:49:13	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29037934	28554466	28426090	28672830	1.13	cps
Antimony	121-1	39898	40433	40233	40188	0.67	cps
Arsenic	75-2	178162	176377	176006	176848	0.65	cps
Barium	135-1	3959182	4031777	3998335	3996432	0.91	cps
Barium	137-1	6769326	6857785	6790902	6806004	0.68	cps
Beryllium	9-1	4101	4662	4145	4303	7.25	cps
Bismuth	209-1	19602240	19458303	19444173	19501572	0.45	cps
Bismuth	209-2	14749881	14566485	14837457	14717941	0.94	cps
Bromine	81-1	35402	36605	37320	36443	2.66	cps
Bromine	81-2	4524	4081	4347	4317	5.17	cps
Cadmium	108-1	763	747	870	793	8.44	cps
Cadmium	106-1	11068	10861	10651	10860	1.92	cps
Cadmium	111-1	11240	11357	10890	11163	2.18	cps
Calcium	43-1	660038	668030	667731	665266	0.68	cps
Calcium	44-1	10342454	10644817	10558406	10515226	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1420920	1409921	1390486	1407109	1.10	cps
Cobalt	59-2	1124890	1124843	1123716	1124483	0.06	cps
Copper	63-2	2252575	2311708	2251122	2271801	1.52	cps
Dysprosium	156-1	169983	169986	171294	170421	0.44	cps
Dysprosium	156-2	136741	137859	136166	136922	0.63	cps
Erbium	164-1	144849	149079	148553	147494	1.56	cps
Erbium	164-2	100300	100622	97571	99498	1.68	cps
Gadolinium	160-1	161388	164392	165013	163598	1.18	cps
Gadolinium	160-2	115626	116016	115475	115705	0.24	cps
Holmium	165-1	34035099	34209297	34049625	34098007	0.28	cps
Holmium	165-2	22477888	22407546	22221415	22368950	0.59	cps
Indium	115-1	29329561	28837181	28773922	28980221	1.05	cps
Indium	115-2	9668412	9530031	9719781	9639408	1.02	cps
Iron	56-2	1644863122	1653571975	1638066056	1645500384	0.47	cps
Iron	57-2	40899811	40063111	40750702	40571208	1.10	cps
Iron	54-2	90300569	89229182	88636669	89388806	0.94	cps
Krypton	83-1	547	657	667	623	10.68	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-17	Instrumnet Name :	P7
Client Sample ID :	MYE5B0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:49:13	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	987945	999664	1008507	998705	1.03	cps
Lead	207-1	852445	873130	874380	866652	1.42	cps
Lead	208-1	3911342	3967375	3944126	3940948	0.71	cps
Lithium	6-1	2647624	2590342	2574574	2604180	1.48	cps
Magnesium	24-2	18268885	18528534	18553636	18450352	0.85	cps
Manganese	55-2	54049181	54772794	53685314	54169096	1.02	cps
Molybdenum	94-1	197925	201057	202027	200336	1.07	cps
Molybdenum	95-1	22891	23118	23519	23176	1.37	cps
Molybdenum	96-1	70493	73129	72311	71977	1.87	cps
Molybdenum	97-1	13843	14427	14157	14142	2.07	cps
Molybdenum	98-1	34704	35289	35299	35098	0.97	cps
Neodymium	150-1	297426	303601	302323	301117	1.08	cps
Neodymium	150-2	172151	169975	169871	170665	0.75	cps
Nickel	60-2	402986	401818	403426	402743	0.21	cps
Phosphorus	31-2	27578	27872	27558	27670	0.64	cps
Potassium	39-2	5708313	5699958	5716141	5708138	0.14	cps
Rhodium	103-1	27737485	27614181	27288370	27546679	0.84	cps
Rhodium	103-2	16121696	16256320	16130978	16169665	0.46	cps
Scandium	45-1	16041951	16196148	16137387	16125162	0.48	cps
Scandium	45-2	1352371	1318861	1326091	1332441	1.32	cps
Selenium	82-1	2067	1994	2022	2028	1.81	cps
Selenium	77-2	590	557	573	573	2.91	cps
Selenium	78-2	960	1030	980	990	3.64	cps
Silicon	28-1	57586164	59381217	58654957	58540780	1.54	cps
Silver	107-1	9150	9270	8946	9122	1.79	cps
Silver	109-1	8479	8543	8836	8619	2.21	cps
Sodium	23-2	259816	256708	256553	257692	0.71	cps
Strontium	86-1	576524	587249	591316	585030	1.31	cps
Strontium	88-1	5262083	5262921	5286708	5270571	0.27	cps
Sulfur	34-1	227360	224108	223956	225141	0.85	cps
Terbium	159-1	35270245	35129198	34495658	34965034	1.18	cps
Terbium	159-2	22447866	22396491	22388042	22410800	0.14	cps
Thallium	203-1	9764	10584	10441	10263	4.27	cps
Thallium	205-1	23447	24535	24669	24217	2.77	cps
Tin	118-1	54288	55202	55811	55100	1.39	cps
Titanium	47-1	3044859	3104492	3098159	3082503	1.06	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-17	Instrumnet Name :	P7
Client Sample ID :	MYE5B0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:49:13	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	86928	89616	89850	88798	1.83	cps
Vanadium	51-2	2708320	2685917	2625433	2673223	1.60	cps
Yttrium	89-1	41775700	41708992	41934598	41806430	0.28	cps
Yttrium	89-2	10340391	10501113	10279291	10373598	1.10	cps
Zinc	66-2	415790	417371	412328	415163	0.62	cps
Zirconium	90-1	499772	510210	510668	506883	1.22	cps
Zirconium	91-1	110334	113934	114371	112880	1.96	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-18	Instrumnet Name :	P7
Client Sample ID :	MYE5B1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:52:17	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18986229	19307628	18976383	19090080	0.99	cps
Antimony	121-1	35026	34705	35150	34960	0.66	cps
Arsenic	75-2	131322	133077	132189	132196	0.66	cps
Barium	135-1	5421814	5556943	5560738	5513165	1.44	cps
Barium	137-1	9340240	9378362	9493389	9403997	0.85	cps
Beryllium	9-1	3050	3217	3434	3234	5.95	cps
Bismuth	209-1	20040541	19778913	19900996	19906817	0.66	cps
Bismuth	209-2	15285186	12503516	14746571	14178425	10.41	cps
Bromine	81-1	31998	32679	34246	32975	3.50	cps
Bromine	81-2	3540	3634	3590	3588	1.30	cps
Cadmium	108-1	943	1007	823	924	10.07	cps
Cadmium	106-1	11371	10884	10681	10979	3.23	cps
Cadmium	111-1	15012	15180	14566	14919	2.13	cps
Calcium	43-1	647954	658104	656090	654049	0.82	cps
Calcium	44-1	10169565	10410507	10455043	10345039	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1027716	1043526	1031824	1034355	0.79	cps
Cobalt	59-2	1077279	1096246	1088649	1087391	0.88	cps
Copper	63-2	2312377	2310910	2300442	2307910	0.28	cps
Dysprosium	156-1	148351	153603	154271	152075	2.13	cps
Dysprosium	156-2	124251	125780	124829	124953	0.62	cps
Erbium	164-1	120521	124034	124078	122878	1.66	cps
Erbium	164-2	83303	84188	83494	83662	0.56	cps
Gadolinium	160-1	139069	141359	142725	141051	1.31	cps
Gadolinium	160-2	99722	101856	102653	101410	1.49	cps
Holmium	165-1	34766414	34808104	34532644	34702387	0.43	cps
Holmium	165-2	23090458	18830298	21995690	21305482	10.38	cps
Indium	115-1	29950322	29661519	29797483	29803108	0.48	cps
Indium	115-2	9820889	8193201	9431735	9148608	9.29	cps
Iron	56-2	1298242514	1312693074	1300439047	1303791545	0.60	cps
Iron	57-2	32023355	32304812	32210598	32179588	0.45	cps
Iron	54-2	69636534	70497391	70488706	70207543	0.70	cps
Krypton	83-1	460	560	640	553	16.30	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-18	Instrumnet Name :	P7
Client Sample ID :	MYE5B1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:52:17	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1071212	1100810	1105505	1092509	1.70	cps
Lead	207-1	950436	969356	986519	968771	1.86	cps
Lead	208-1	4281964	4435627	4407259	4374950	1.87	cps
Lithium	6-1	2642711	2608978	2599931	2617207	0.86	cps
Magnesium	24-2	15123969	15303158	15078267	15168464	0.78	cps
Manganese	55-2	77683561	78258342	77178752	77706885	0.70	cps
Molybdenum	94-1	181358	186286	186819	184821	1.63	cps
Molybdenum	95-1	22514	22911	22818	22748	0.91	cps
Molybdenum	96-1	63654	64716	65492	64621	1.43	cps
Molybdenum	97-1	13683	13326	13486	13499	1.32	cps
Molybdenum	98-1	33011	34274	34090	33791	2.02	cps
Neodymium	150-1	265212	270556	270871	268879	1.18	cps
Neodymium	150-2	155817	155194	153475	154829	0.78	cps
Nickel	60-2	360356	368240	365613	364736	1.10	cps
Phosphorus	31-2	35354	36914	36777	36349	2.38	cps
Potassium	39-2	7715222	7714872	7588688	7672927	0.95	cps
Rhodium	103-1	28693410	28173235	28084423	28317023	1.16	cps
Rhodium	103-2	16506143	13720576	15861575	15362764	9.49	cps
Scandium	45-1	16064080	15769982	16004156	15946073	0.97	cps
Scandium	45-2	1311928	1099929	1259526	1223795	9.02	cps
Selenium	82-1	2134	1991	1860	1995	6.87	cps
Selenium	77-2	533	553	470	519	8.38	cps
Selenium	78-2	1037	947	920	968	6.32	cps
Silicon	28-1	67298316	67658339	67580361	67512338	0.28	cps
Silver	107-1	11268	10821	11021	11037	2.03	cps
Silver	109-1	9860	10464	10347	10224	3.13	cps
Sodium	23-2	400681	405785	399508	401991	0.83	cps
Strontium	86-1	547214	561643	562610	557155	1.55	cps
Strontium	88-1	4892462	4990831	5105907	4996400	2.14	cps
Sulfur	34-1	242555	241906	237244	240568	1.20	cps
Terbium	159-1	35631853	35493166	35388413	35504477	0.34	cps
Terbium	159-2	23144774	18868651	21974328	21329251	10.36	cps
Thallium	203-1	10985	11995	11895	11625	4.79	cps
Thallium	205-1	26990	27758	27752	27500	1.61	cps
Tin	118-1	49909	50766	52241	50972	2.31	cps
Titanium	47-1	2814629	2861327	2893871	2856609	1.39	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-18	Instrumnet Name :	P7
Client Sample ID :	MYE5B1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:52:17	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73981	74976	76126	75028	1.43	cps
Vanadium	51-2	1977170	1987588	1972569	1979109	0.39	cps
Yttrium	89-1	41684392	40969307	42394996	41682898	1.71	cps
Yttrium	89-2	10263967	8551328	9832747	9549347	9.33	cps
Zinc	66-2	489291	495396	491604	492097	0.63	cps
Zirconium	90-1	460343	470712	475445	468833	1.65	cps
Zirconium	91-1	101675	105217	105814	104235	2.15	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-19	Instrumnet Name :	P7
Client Sample ID :	MYE5B2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:55:18	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19288726	19518720	19365694	19391047	0.60	cps
Antimony	121-1	51937	54202	54161	53433	2.43	cps
Arsenic	75-2	175794	176634	175407	175945	0.36	cps
Barium	135-1	4281970	4469408	4454502	4401960	2.37	cps
Barium	137-1	7391870	7620672	7668208	7560250	1.95	cps
Beryllium	9-1	2995	3284	3150	3143	4.60	cps
Bismuth	209-1	19821286	19704593	19972881	19832920	0.68	cps
Bismuth	209-2	15213884	15173654	14830839	15072792	1.40	cps
Bromine	81-1	24684	26056	25970	25570	3.01	cps
Bromine	81-2	2354	2140	2230	2241	4.78	cps
Cadmium	108-1	1183	1023	963	1057	10.76	cps
Cadmium	106-1	11448	11688	11211	11449	2.08	cps
Cadmium	111-1	15801	16388	15963	16051	1.89	cps
Calcium	43-1	495660	512332	509295	505762	1.76	cps
Calcium	44-1	7930844	8118362	8069828	8039678	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1213136	1218841	1199633	1210537	0.81	cps
Cobalt	59-2	1139063	1148321	1128396	1138593	0.88	cps
Copper	63-2	3427510	3389647	3424304	3413820	0.62	cps
Dysprosium	156-1	157840	165202	164302	162448	2.47	cps
Dysprosium	156-2	131795	132424	130567	131595	0.72	cps
Erbium	164-1	131166	134894	137550	134536	2.38	cps
Erbium	164-2	92903	91191	91175	91756	1.08	cps
Gadolinium	160-1	147517	152729	154387	151544	2.37	cps
Gadolinium	160-2	107210	107750	108143	107701	0.44	cps
Holmium	165-1	34041104	34465216	34450747	34319023	0.70	cps
Holmium	165-2	23002922	22683673	22529301	22738632	1.06	cps
Indium	115-1	29344534	29741617	29529662	29538604	0.67	cps
Indium	115-2	9854781	9857717	9720399	9810965	0.80	cps
Iron	56-2	1505257311	1494011018	1524570751	1507946360	1.02	cps
Iron	57-2	37805929	37372898	37275655	37484827	0.75	cps
Iron	54-2	81500860	81181235	81795022	81492373	0.38	cps
Krypton	83-1	527	497	600	541	9.82	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-19	Instrumnet Name :	P7
Client Sample ID :	MYE5B2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:55:18	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1536858	1576847	1590612	1568106	1.78	cps
Lead	207-1	1351582	1384555	1399493	1378543	1.78	cps
Lead	208-1	6084561	6237507	6379805	6233958	2.37	cps
Lithium	6-1	2588005	2642375	2612311	2614230	1.04	cps
Magnesium	24-2	16707169	16715459	16517557	16646728	0.67	cps
Manganese	55-2	63171824	63242697	63258259	63224260	0.07	cps
Molybdenum	94-1	165275	172425	173858	170519	2.70	cps
Molybdenum	95-1	27155	28221	28832	28069	3.02	cps
Molybdenum	96-1	69360	70298	70730	70129	1.00	cps
Molybdenum	97-1	16603	16913	17374	16963	2.29	cps
Molybdenum	98-1	41268	43581	43648	42833	3.16	cps
Neodymium	150-1	275790	287278	287997	283689	2.41	cps
Neodymium	150-2	162032	162738	163635	162802	0.49	cps
Nickel	60-2	401704	396438	403572	400571	0.92	cps
Phosphorus	31-2	43802	44357	44224	44128	0.66	cps
Potassium	39-2	8560985	8652441	8527728	8580385	0.75	cps
Rhodium	103-1	28177674	28050137	28012559	28080123	0.31	cps
Rhodium	103-2	16610413	16780845	16328166	16573141	1.38	cps
Scandium	45-1	16071059	16110494	15871766	16017773	0.80	cps
Scandium	45-2	1342347	1365218	1341786	1349784	0.99	cps
Selenium	82-1	2144	2102	1974	2074	4.26	cps
Selenium	77-2	523	560	483	522	7.34	cps
Selenium	78-2	963	913	880	919	4.56	cps
Silicon	28-1	59670961	61503049	62301701	61158570	2.21	cps
Silver	107-1	16710	16690	16222	16541	1.67	cps
Silver	109-1	14951	15278	15749	15326	2.62	cps
Sodium	23-2	2890827	2860290	2836469	2862529	0.95	cps
Strontium	86-1	532059	549312	547899	543090	1.76	cps
Strontium	88-1	4755260	4904406	4862972	4840879	1.59	cps
Sulfur	34-1	241560	241401	238828	240596	0.64	cps
Terbium	159-1	34935375	34973178	35401254	35103269	0.74	cps
Terbium	159-2	22965566	23028075	22975218	22989620	0.15	cps
Thallium	203-1	9267	9103	9593	9321	2.68	cps
Thallium	205-1	21427	22292	22719	22146	2.97	cps
Tin	118-1	63473	65598	66338	65136	2.28	cps
Titanium	47-1	3227456	3238068	3265526	3243683	0.61	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-19	Instrumnet Name :	P7
Client Sample ID :	MYE5B2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:55:18	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	88180	91860	91481	90507	2.24	cps
Vanadium	51-2	2508964	2510298	2497243	2505502	0.29	cps
Yttrium	89-1	41767106	41981332	41836915	41861784	0.26	cps
Yttrium	89-2	10303385	10440404	10308814	10350868	0.75	cps
Zinc	66-2	566016	563285	562722	564007	0.31	cps
Zirconium	90-1	408347	425305	425607	419753	2.35	cps
Zirconium	91-1	91124	95501	94103	93576	2.39	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:58:19	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12782372	12742362	12853267	12792667	0.44	cps
Antimony	121-1	69644	71835	72501	71327	2.10	cps
Arsenic	75-2	176644	176317	177153	176705	0.24	cps
Barium	135-1	3224098	3236886	3306514	3255833	1.36	cps
Barium	137-1	5565547	5613158	5684426	5621044	1.06	cps
Beryllium	9-1	2845	3206	2811	2954	7.41	cps
Bismuth	209-1	19614540	20123581	20354989	20031036	1.89	cps
Bismuth	209-2	15422816	15426354	15479153	15442774	0.20	cps
Bromine	81-1	21109	21636	22424	21723	3.05	cps
Bromine	81-2	1493	1377	1537	1469	5.63	cps
Cadmium	108-1	2257	2204	2204	2221	1.39	cps
Cadmium	106-1	13199	13116	13290	13202	0.66	cps
Cadmium	111-1	34869	35085	35056	35003	0.34	cps
Calcium	43-1	374284	385740	384043	381355	1.62	cps
Calcium	44-1	5977344	6014139	6156325	6049269	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	823078	827211	820835	823708	0.39	cps
Cobalt	59-2	737959	743564	737569	739697	0.45	cps
Copper	63-2	6155777	6108419	6052679	6105625	0.85	cps
Dysprosium	156-1	171099	175991	177365	174818	1.88	cps
Dysprosium	156-2	144138	143211	146411	144587	1.14	cps
Erbium	164-1	125534	128420	131152	128369	2.19	cps
Erbium	164-2	85526	85744	86609	85960	0.67	cps
Gadolinium	160-1	153929	157504	158485	156639	1.53	cps
Gadolinium	160-2	111664	111519	110659	111281	0.49	cps
Holmium	165-1	33852020	34834390	34621094	34435835	1.50	cps
Holmium	165-2	22877392	23014683	22990930	22961002	0.32	cps
Indium	115-1	29236835	29754563	29700993	29564130	0.96	cps
Indium	115-2	9718704	9848964	9817618	9795095	0.69	cps
Iron	56-2	857417107	859911667	858855667	858728147	0.15	cps
Iron	57-2	21314643	20990482	20954172	21086432	0.94	cps
Iron	54-2	46173539	46490366	46744589	46469498	0.62	cps
Krypton	83-1	570	517	477	521	8.99	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:58:19	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3381720	3521718	3541897	3481778	2.51	cps
Lead	207-1	3054530	3186356	3108386	3116424	2.13	cps
Lead	208-1	13692525	14188425	14134686	14005212	1.94	cps
Lithium	6-1	2609097	2611803	2671260	2630720	1.34	cps
Magnesium	24-2	9693865	9529042	9581732	9601547	0.88	cps
Manganese	55-2	25481642	25696277	25691123	25623014	0.48	cps
Molybdenum	94-1	198225	200503	201598	200108	0.86	cps
Molybdenum	95-1	21309	21519	22461	21763	2.82	cps
Molybdenum	96-1	62992	63269	63818	63360	0.66	cps
Molybdenum	97-1	13673	13586	13663	13641	0.35	cps
Molybdenum	98-1	34153	34811	34855	34606	1.14	cps
Neodymium	150-1	351946	359143	363963	358351	1.69	cps
Neodymium	150-2	202682	202961	203521	203055	0.21	cps
Nickel	60-2	327300	327422	327808	327510	0.08	cps
Phosphorus	31-2	49403	50369	49971	49914	0.97	cps
Potassium	39-2	6304961	6365077	6380275	6350104	0.63	cps
Rhodium	103-1	28129178	28241345	28501204	28290575	0.67	cps
Rhodium	103-2	16740194	16778845	16640046	16719695	0.43	cps
Scandium	45-1	15483984	15749620	15850058	15694554	1.21	cps
Scandium	45-2	1310757	1320605	1321903	1317755	0.46	cps
Selenium	82-1	2146	2187	2355	2229	4.95	cps
Selenium	77-2	593	717	573	628	12.37	cps
Selenium	78-2	1057	1087	1033	1059	2.53	cps
Silicon	28-1	70626306	73461012	72888231	72325183	2.07	cps
Silver	107-1	35370	36055	35908	35777	1.01	cps
Silver	109-1	32744	33977	34474	33731	2.64	cps
Sodium	23-2	205547	204680	206972	205733	0.56	cps
Strontium	86-1	484443	493644	496509	491532	1.28	cps
Strontium	88-1	4332278	4395151	4447338	4391589	1.31	cps
Sulfur	34-1	220079	212452	210679	214403	2.33	cps
Terbium	159-1	35088506	35680826	36337230	35702188	1.75	cps
Terbium	159-2	22921872	23105136	23003326	23010112	0.40	cps
Thallium	203-1	9573	10040	10100	9905	2.91	cps
Thallium	205-1	22435	23297	23654	23129	2.71	cps
Tin	118-1	79337	81811	81271	80806	1.61	cps
Titanium	47-1	3405704	3497555	3545712	3482990	2.04	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 16:58:19	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83557	85002	87176	85245	2.14	cps
Vanadium	51-2	1577504	1602157	1582781	1587481	0.82	cps
Yttrium	89-1	40848737	41309870	42139383	41432663	1.58	cps
Yttrium	89-2	10273618	10287084	10250176	10270292	0.18	cps
Zinc	66-2	739039	730191	733806	734346	0.61	cps
Zirconium	90-1	503613	510726	514575	509638	1.09	cps
Zirconium	91-1	111392	114317	114250	113320	1.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:01:17	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18223607	17859911	17858182	17980567	1.17	cps
Antimony	121-1	59158	61698	61310	60722	2.25	cps
Arsenic	75-2	231773	229937	228447	230052	0.72	cps
Barium	135-1	4363077	4458039	4485677	4435598	1.45	cps
Barium	137-1	7447643	7628926	7725326	7600632	1.85	cps
Beryllium	9-1	4290	4462	4212	4321	2.96	cps
Bismuth	209-1	20305894	20452014	20351180	20369696	0.37	cps
Bismuth	209-2	15602527	15446125	15638241	15562298	0.66	cps
Bromine	81-1	22367	23308	23435	23037	2.53	cps
Bromine	81-2	1863	1900	1837	1867	1.70	cps
Cadmium	108-1	3360	3490	3244	3365	3.67	cps
Cadmium	106-1	15045	15442	14627	15038	2.71	cps
Cadmium	111-1	46172	47332	46633	46712	1.25	cps
Calcium	43-1	725214	744493	743217	737641	1.46	cps
Calcium	44-1	11612409	11709937	11753486	11691944	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1051407	1045614	1048789	1048603	0.28	cps
Cobalt	59-2	1003807	995857	1005495	1001720	0.51	cps
Copper	63-2	11825721	11708562	11833074	11789119	0.59	cps
Dysprosium	156-1	271275	279833	282426	277844	2.10	cps
Dysprosium	156-2	231549	233487	232646	232561	0.42	cps
Erbium	164-1	191633	197429	199206	196089	2.02	cps
Erbium	164-2	131280	130691	131750	131241	0.40	cps
Gadolinium	160-1	238005	244516	245393	242638	1.66	cps
Gadolinium	160-2	171418	171431	171300	171383	0.04	cps
Holmium	165-1	34089298	34597589	35010439	34565775	1.33	cps
Holmium	165-2	23316489	22874132	23256497	23149039	1.04	cps
Indium	115-1	29365349	29739625	29620519	29575165	0.65	cps
Indium	115-2	9859309	9752425	9928237	9846657	0.90	cps
Iron	56-2	947030866	957991346	952677266	952566492	0.58	cps
Iron	57-2	23363080	23480770	23235105	23359652	0.53	cps
Iron	54-2	51260589	51312469	51960138	51511065	0.76	cps
Krypton	83-1	633	693	603	643	7.12	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:01:17	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4873863	5081521	5032473	4995952	2.17	cps
Lead	207-1	4396209	4503563	4543692	4481155	1.70	cps
Lead	208-1	19611840	20282090	20301539	20065156	1.96	cps
Lithium	6-1	2665795	2581977	2673154	2640308	1.92	cps
Magnesium	24-2	12022047	11787696	11890199	11899981	0.99	cps
Manganese	55-2	38911513	39413778	39256186	39193826	0.66	cps
Molybdenum	94-1	340931	349075	348819	346275	1.34	cps
Molybdenum	95-1	20808	21286	21456	21183	1.58	cps
Molybdenum	96-1	85857	88965	89736	88186	2.33	cps
Molybdenum	97-1	12616	12996	13216	12942	2.35	cps
Molybdenum	98-1	31995	32847	32259	32367	1.35	cps
Neodymium	150-1	568860	588438	589243	582180	1.98	cps
Neodymium	150-2	331601	330932	329639	330724	0.30	cps
Nickel	60-2	485722	487967	487409	487033	0.24	cps
Phosphorus	31-2	82457	81626	83375	82486	1.06	cps
Potassium	39-2	8386428	8526149	8465507	8459362	0.83	cps
Rhodium	103-1	28010169	28274818	28335298	28206762	0.61	cps
Rhodium	103-2	16783476	16432629	16656907	16624338	1.07	cps
Scandium	45-1	15840697	15849904	15808464	15833022	0.14	cps
Scandium	45-2	1311562	1346125	1336415	1331367	1.34	cps
Selenium	82-1	2311	2224	2408	2315	3.97	cps
Selenium	77-2	933	970	1037	980	5.35	cps
Selenium	78-2	1447	1317	1320	1361	5.45	cps
Silicon	28-1	78023137	79227329	79898165	79049544	1.20	cps
Silver	107-1	80665	84256	84574	83165	2.61	cps
Silver	109-1	77311	80110	79573	78998	1.88	cps
Sodium	23-2	232360	229689	228679	230243	0.83	cps
Strontium	86-1	848066	875377	876585	866676	1.86	cps
Strontium	88-1	7644703	7693568	7885558	7741276	1.64	cps
Sulfur	34-1	218043	215095	211155	214764	1.61	cps
Terbium	159-1	35569682	35470617	35752834	35597711	0.40	cps
Terbium	159-2	22823518	22974767	22979630	22925972	0.39	cps
Thallium	203-1	14154	14298	15092	14514	3.48	cps
Thallium	205-1	33231	34774	34915	34307	2.72	cps
Tin	118-1	85887	88221	88208	87439	1.54	cps
Titanium	47-1	4281187	4334728	4370091	4328669	1.03	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:01:17	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	122400	126333	125963	124899	1.74	cps
Vanadium	51-2	1623829	1622482	1636385	1627565	0.47	cps
Yttrium	89-1	41881093	42008278	42503583	42130984	0.78	cps
Yttrium	89-2	10497738	10487500	10521425	10502221	0.17	cps
Zinc	66-2	917823	913081	918203	916369	0.31	cps
Zirconium	90-1	885693	915856	912542	904697	1.83	cps
Zirconium	91-1	200072	204632	205488	203397	1.43	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:04:20	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14055383	14292281	14116895	14154853	0.87	cps
Antimony	121-1	180023	187087	188694	185268	2.49	cps
Arsenic	75-2	162087	162192	160797	161692	0.48	cps
Barium	135-1	2853572	2920215	2962445	2912077	1.88	cps
Barium	137-1	4905269	5080860	5077193	5021107	2.00	cps
Beryllium	9-1	2811	2911	3034	2919	3.81	cps
Bismuth	209-1	19894170	19972631	20409870	20092224	1.38	cps
Bismuth	209-2	15637866	15658324	15394844	15563678	0.94	cps
Bromine	81-1	23001	24337	24297	23878	3.18	cps
Bromine	81-2	1823	1663	1833	1773	5.38	cps
Cadmium	108-1	1877	2114	2114	2035	6.72	cps
Cadmium	106-1	11898	11948	12222	12023	1.45	cps
Cadmium	111-1	31042	31873	32465	31793	2.25	cps
Calcium	43-1	419271	434128	435895	429765	2.12	cps
Calcium	44-1	6642099	6916879	6946894	6835291	2.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	743548	746886	733836	741423	0.91	cps
Cobalt	59-2	726007	730915	727833	728252	0.34	cps
Copper	63-2	5705123	5689912	5701394	5698810	0.14	cps
Dysprosium	156-1	158790	166150	165627	163522	2.51	cps
Dysprosium	156-2	135711	135402	135685	135599	0.13	cps
Erbium	164-1	124758	129311	130556	128208	2.38	cps
Erbium	164-2	86646	86636	86090	86457	0.37	cps
Gadolinium	160-1	147450	152955	154666	151690	2.49	cps
Gadolinium	160-2	108862	109070	107952	108628	0.55	cps
Holmium	165-1	33289618	34542879	34637678	34156725	2.20	cps
Holmium	165-2	22990111	22972383	23018590	22993695	0.10	cps
Indium	115-1	28566051	29366312	29874560	29268974	2.25	cps
Indium	115-2	9751381	9876938	9817447	9815255	0.64	cps
Iron	56-2	694728390	702950070	696821750	698166736	0.61	cps
Iron	57-2	17091997	17136757	17036381	17088378	0.29	cps
Iron	54-2	37788940	37503803	37838399	37710381	0.48	cps
Krypton	83-1	457	540	487	494	8.54	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:04:20	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3323210	3438643	3476849	3412900	2.34	cps
Lead	207-1	2886312	3063241	3074931	3008161	3.51	cps
Lead	208-1	13172703	13754795	13966852	13631450	3.02	cps
Lithium	6-1	2621694	2617744	2654464	2631301	0.77	cps
Magnesium	24-2	10111569	10082433	10069147	10087717	0.22	cps
Manganese	55-2	27043072	26968193	27090789	27034018	0.23	cps
Molybdenum	94-1	109418	113506	115618	112847	2.79	cps
Molybdenum	95-1	20308	20828	21212	20783	2.18	cps
Molybdenum	96-1	44320	45427	46046	45264	1.93	cps
Molybdenum	97-1	12572	12742	12919	12745	1.36	cps
Molybdenum	98-1	31180	32997	32803	32327	3.09	cps
Neodymium	150-1	307798	319525	321531	316285	2.35	cps
Neodymium	150-2	181218	180155	179899	180424	0.39	cps
Nickel	60-2	279299	277884	279204	278796	0.28	cps
Phosphorus	31-2	50667	51537	49955	50719	1.56	cps
Potassium	39-2	6998208	7047620	6995846	7013891	0.42	cps
Rhodium	103-1	27559685	27844494	28190587	27864922	1.13	cps
Rhodium	103-2	16673014	16553199	16515933	16580715	0.50	cps
Scandium	45-1	15210571	15429946	15657127	15432548	1.45	cps
Scandium	45-2	1323078	1327568	1329558	1326735	0.25	cps
Selenium	82-1	2094	2112	2148	2118	1.30	cps
Selenium	77-2	647	590	553	597	7.88	cps
Selenium	78-2	987	930	927	948	3.56	cps
Silicon	28-1	86745872	89739252	89510969	88665364	1.88	cps
Silver	107-1	36586	38541	38267	37798	2.80	cps
Silver	109-1	34885	36112	36680	35892	2.55	cps
Sodium	23-2	229070	229543	228274	228962	0.28	cps
Strontium	86-1	459609	479040	478286	472311	2.33	cps
Strontium	88-1	4106604	4314379	4275444	4232142	2.61	cps
Sulfur	34-1	209960	206621	202989	206523	1.69	cps
Terbium	159-1	34547239	35495549	36262853	35435214	2.43	cps
Terbium	159-2	22882045	22753086	22815388	22816840	0.28	cps
Thallium	203-1	10741	11345	10975	11020	2.76	cps
Thallium	205-1	25170	26616	26556	26114	3.13	cps
Tin	118-1	77547	82266	81375	80396	3.12	cps
Titanium	47-1	2996404	3124044	3144333	3088260	2.60	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:04:20	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	74715	76957	79596	77089	3.17	cps
Vanadium	51-2	1224840	1229298	1219395	1224511	0.41	cps
Yttrium	89-1	39918264	41236480	41994686	41049810	2.56	cps
Yttrium	89-2	10271531	10296180	10180583	10249431	0.59	cps
Zinc	66-2	739404	735878	738058	737780	0.24	cps
Zirconium	90-1	267297	278128	280337	275254	2.54	cps
Zirconium	91-1	60645	62462	62586	61898	1.76	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:07:19	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23985955	23817895	23306361	23703404	1.49	cps
Antimony	121-1	12863847	12978881	12834775	12892501	0.59	cps
Arsenic	75-2	675813	677397	666973	673394	0.83	cps
Barium	135-1	15357624	15418297	15223361	15333094	0.65	cps
Barium	137-1	26241271	26349500	26571963	26387578	0.64	cps
Beryllium	9-1	1074074	1055225	1109396	1079565	2.55	cps
Bismuth	209-1	18168085	18233705	18560349	18320713	1.15	cps
Bismuth	209-2	14165396	13924081	13971470	14020316	0.91	cps
Bromine	81-1	16509	16159	16449	16373	1.14	cps
Bromine	81-2	220	200	197	206	6.14	cps
Cadmium	108-1	247222	247738	249128	248029	0.40	cps
Cadmium	106-1	356496	359881	357193	357857	0.50	cps
Cadmium	111-1	3416433	3428534	3454177	3433048	0.56	cps
Calcium	43-1	15436051	15488273	15663066	15529130	0.77	cps
Calcium	44-1	252869483	249876970	253260163	252002205	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5004582	4965198	4987251	4985677	0.40	cps
Cobalt	59-2	8299287	8340181	8171079	8270182	1.07	cps
Copper	63-2	60946172	59801399	59694766	60147446	1.15	cps
Dysprosium	156-1	667	673	573	638	8.77	cps
Dysprosium	156-2	887	893	913	898	1.55	cps
Erbium	164-1	747	657	683	696	6.65	cps
Erbium	164-2	503	420	473	466	9.07	cps
Gadolinium	160-1	513	613	570	566	8.87	cps
Gadolinium	160-2	1307	1377	1513	1399	7.51	cps
Holmium	165-1	33356667	33643697	33528555	33509640	0.43	cps
Holmium	165-2	22376702	22641658	22590131	22536164	0.62	cps
Indium	115-1	27754452	28247431	28194580	28065488	0.96	cps
Indium	115-2	9565760	9412012	9432428	9470067	0.88	cps
Iron	56-2	1098649664	1096080117	1102915104	1099214961	0.31	cps
Iron	57-2	27685813	27867106	27488585	27680501	0.68	cps
Iron	54-2	60422742	60048782	60329737	60267087	0.32	cps
Krypton	83-1	330	307	373	337	10.05	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:07:19	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42312903	42725588	42054006	42364165	0.80	cps
Lead	207-1	37262914	37385274	37091066	37246418	0.40	cps
Lead	208-1	169327908	169612771	168609981	169183553	0.31	cps
Lithium	6-1	2629227	2694311	2696920	2673486	1.43	cps
Magnesium	24-2	211516584	208490670	210710137	210239130	0.75	cps
Manganese	55-2	37436417	36862283	37479411	37259370	0.92	cps
Molybdenum	94-1	46227819	46615659	46857486	46566988	0.68	cps
Molybdenum	95-1	67369762	67420227	67648792	67479594	0.22	cps
Molybdenum	96-1	73930564	73813412	74590671	74111549	0.57	cps
Molybdenum	97-1	41716006	41611871	42010865	41779581	0.50	cps
Molybdenum	98-1	107933685	106935285	108988542	107952504	0.95	cps
Neodymium	150-1	760	897	937	864	10.72	cps
Neodymium	150-2	293	273	253	273	7.32	cps
Nickel	60-2	2138914	2115962	2117781	2124219	0.60	cps
Phosphorus	31-2	235034	239978	236899	237304	1.05	cps
Potassium	39-2	126158351	128872435	128252591	127761126	1.11	cps
Rhodium	103-1	25891963	26021568	26283375	26065635	0.76	cps
Rhodium	103-2	15335277	15385281	15248359	15322972	0.45	cps
Scandium	45-1	15166525	15481840	15324897	15324421	1.03	cps
Scandium	45-2	1302497	1290100	1315736	1302778	0.98	cps
Selenium	82-1	196381	198058	197341	197260	0.43	cps
Selenium	77-2	18709	19032	18482	18741	1.48	cps
Selenium	78-2	62719	62642	61661	62340	0.95	cps
Silicon	28-1	7581028	7778875	7688431	7682778	1.29	cps
Silver	107-1	16918204	16886494	16920267	16908321	0.11	cps
Silver	109-1	16033433	16144128	16100570	16092710	0.35	cps
Sodium	23-2	329518115	330251782	323716675	327828857	1.09	cps
Strontium	86-1	4231729	4216312	4242045	4230029	0.31	cps
Strontium	88-1	36778782	37211379	37274738	37088300	0.73	cps
Sulfur	34-1	1168516	1180216	1181693	1176808	0.61	cps
Terbium	159-1	34255256	34886783	34483545	34541861	0.93	cps
Terbium	159-2	22428676	22709880	22364421	22500992	0.82	cps
Thallium	203-1	10584976	10772196	10685926	10681033	0.88	cps
Thallium	205-1	25213999	25537440	25305258	25352232	0.66	cps
Tin	118-1	10529976	10691175	10636249	10619133	0.77	cps
Titanium	47-1	15285345	15459371	15250974	15331896	0.73	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:07:19	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32511262	32911525	32893764	32772183	0.69	cps
Vanadium	51-2	4386501	4417109	4360479	4388030	0.65	cps
Yttrium	89-1	38620611	38919462	39533165	39024413	1.19	cps
Yttrium	89-2	9924755	9916132	9837752	9892880	0.48	cps
Zinc	66-2	9554706	9462957	9369900	9462521	0.98	cps
Zirconium	90-1	22366943	22835717	22698262	22633641	1.06	cps
Zirconium	91-1	4994433	5030576	5013590	5012866	0.36	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:10:03	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	787	750	697	744	6.08	cps
Antimony	121-1	5431	5358	6732	5840	13.23	cps
Arsenic	75-2	13	43	40	32	51.04	cps
Barium	135-1	2264	1087	697	1349	60.47	cps
Barium	137-1	3774	1670	1143	2196	63.39	cps
Beryllium	9-1	294	167	122	194	45.98	cps
Bismuth	209-1	19500864	19570502	19524590	19531985	0.18	cps
Bismuth	209-2	15396322	15594744	15410079	15467048	0.72	cps
Bromine	81-1	15432	15148	15495	15358	1.20	cps
Bromine	81-2	197	177	133	169	19.17	cps
Cadmium	108-1	77	50	27	51	48.95	cps
Cadmium	106-1	9730	9660	9386	9592	1.89	cps
Cadmium	111-1	7414	7030	6789	7078	4.46	cps
Calcium	43-1	3180	1590	1267	2012	50.90	cps
Calcium	44-1	87630	63622	60168	70473	21.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1890	1980	1960	1943	2.43	cps
Cobalt	59-2	320	363	323	336	7.19	cps
Copper	63-2	5351	4834	4908	5031	5.56	cps
Dysprosium	156-1	33	43	43	40	14.43	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	137	103	103	114	16.82	cps
Erbium	164-2	73	53	77	68	18.62	cps
Gadolinium	160-1	140	163	153	152	7.69	cps
Gadolinium	160-2	1117	1067	1083	1089	2.34	cps
Holmium	165-1	32750594	33116719	33267677	33044996	0.80	cps
Holmium	165-2	22530292	22723590	22777272	22677052	0.57	cps
Indium	115-1	29186862	29965031	29435413	29529102	1.35	cps
Indium	115-2	10320787	10128822	10106200	10185269	1.16	cps
Iron	56-2	60853	54405	50040	55099	9.87	cps
Iron	57-2	2460	2370	2297	2376	3.44	cps
Iron	54-2	6011	5808	5411	5743	5.32	cps
Krypton	83-1	353	383	370	369	4.07	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:10:03	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7219	3771	2904	4631	49.29	cps
Lead	207-1	6612	3300	2484	4132	52.91	cps
Lead	208-1	29834	14667	11395	18632	52.80	cps
Lithium	6-1	2826072	2860995	2820131	2835733	0.78	cps
Magnesium	24-2	6058	5094	4404	5185	16.02	cps
Manganese	55-2	1750	1573	1453	1592	9.37	cps
Molybdenum	94-1	9523	5261	4871	6552	39.39	cps
Molybdenum	95-1	11011	4968	4091	6690	56.32	cps
Molybdenum	96-1	12099	5911	4918	7642	50.91	cps
Molybdenum	97-1	6632	3124	2650	4135	52.59	cps
Molybdenum	98-1	17241	8009	6515	10588	54.87	cps
Neodymium	150-1	13	23	20	19	26.96	cps
Neodymium	150-2	7	10	23	13	66.12	cps
Nickel	60-2	490	507	513	503	2.39	cps
Phosphorus	31-2	253	240	270	254	5.91	cps
Potassium	39-2	88334	88086	88244	88221	0.14	cps
Rhodium	103-1	28145583	28884541	29081822	28703982	1.72	cps
Rhodium	103-2	17240033	17037967	17017264	17098421	0.72	cps
Scandium	45-1	15592817	15822703	15823641	15746387	0.84	cps
Scandium	45-2	1295107	1290493	1308608	1298069	0.73	cps
Selenium	82-1	1830	1670	1829	1776	5.18	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	577	610	557	581	4.64	cps
Silicon	28-1	1466230	1462394	1473304	1467310	0.38	cps
Silver	107-1	2877	1567	1087	1843	50.27	cps
Silver	109-1	2620	1377	1133	1710	46.64	cps
Sodium	23-2	73015	70356	69797	71056	2.42	cps
Strontium	86-1	1147	923	790	953	18.90	cps
Strontium	88-1	5781	2754	1910	3482	58.47	cps
Sulfur	34-1	262709	262599	263681	262997	0.23	cps
Terbium	159-1	34175304	34296171	34435572	34302349	0.38	cps
Terbium	159-2	23056353	22670786	22690971	22806037	0.95	cps
Thallium	203-1	3314	2287	2050	2550	26.34	cps
Thallium	205-1	7496	5835	4884	6071	21.77	cps
Tin	118-1	5741	4594	4757	5031	12.33	cps
Titanium	47-1	2454	1163	763	1460	60.50	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:10:03	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4668	1920	1350	2646	67.04	cps
Vanadium	51-2	143	93	83	107	30.14	cps
Yttrium	89-1	39122989	39731609	40324398	39726332	1.51	cps
Yttrium	89-2	10162846	10141702	9994463	10099670	0.91	cps
Zinc	66-2	1153	1153	1203	1170	2.47	cps
Zirconium	90-1	9116	7405	7475	7999	12.10	cps
Zirconium	91-1	1987	1647	1700	1778	10.29	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-04	Instrumnet Name :	P7
Client Sample ID :	MYE5G7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:13:17	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19596642	19559574	19454743	19536986	0.38	cps
Antimony	121-1	100199	103069	105060	102776	2.38	cps
Arsenic	75-2	299850	299945	295809	298535	0.79	cps
Barium	135-1	5574742	5770673	5806160	5717192	2.18	cps
Barium	137-1	9636993	10010763	9982352	9876703	2.11	cps
Beryllium	9-1	4295	4178	3962	4145	4.08	cps
Bismuth	209-1	19560116	19630877	20482442	19891145	2.58	cps
Bismuth	209-2	15335156	15622839	15168368	15375454	1.50	cps
Bromine	81-1	24774	26447	27065	26095	4.54	cps
Bromine	81-2	2367	2324	2657	2449	7.40	cps
Cadmium	108-1	2670	2717	2724	2704	1.08	cps
Cadmium	106-1	15335	15018	14975	15109	1.30	cps
Cadmium	111-1	33957	34173	35213	34448	1.95	cps
Calcium	43-1	772492	789241	784320	782018	1.10	cps
Calcium	44-1	12401478	12396980	12587808	12462089	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1279023	1278931	1285499	1281151	0.29	cps
Cobalt	59-2	1159521	1169281	1146454	1158419	0.99	cps
Copper	63-2	6852075	6914488	6838781	6868448	0.59	cps
Dysprosium	156-1	251559	262089	261945	258531	2.34	cps
Dysprosium	156-2	218119	221740	219739	219866	0.83	cps
Erbium	164-1	173107	179498	180348	177651	2.23	cps
Erbium	164-2	122397	122259	121933	122196	0.19	cps
Gadolinium	160-1	217379	225365	227471	223405	2.38	cps
Gadolinium	160-2	160163	161513	161564	161080	0.49	cps
Holmium	165-1	34176870	34169398	34559239	34301836	0.65	cps
Holmium	165-2	22925945	23510435	22805067	23080482	1.63	cps
Indium	115-1	29531226	29702827	30208089	29814047	1.18	cps
Indium	115-2	10072684	10136314	10068160	10092386	0.38	cps
Iron	56-2	1387028139	1382862486	1384268406	1384719677	0.15	cps
Iron	57-2	34072989	33943924	33759424	33925446	0.46	cps
Iron	54-2	75158451	74813299	75234641	75068797	0.30	cps
Krypton	83-1	733	623	530	629	16.18	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-04	Instrumnet Name :	P7
Client Sample ID :	MYE5G7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:13:17	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4586389	4733134	4790203	4703242	2.24	cps
Lead	207-1	4101664	4134153	4235945	4157254	1.69	cps
Lead	208-1	18339502	18720754	19197566	18752607	2.29	cps
Lithium	6-1	2447695	2437554	2468462	2451237	0.64	cps
Magnesium	24-2	14603488	14690883	14441658	14578676	0.87	cps
Manganese	55-2	53340473	53237008	53566003	53381161	0.32	cps
Molybdenum	94-1	500972	514377	515861	510403	1.61	cps
Molybdenum	95-1	30542	30966	31170	30893	1.04	cps
Molybdenum	96-1	128902	130217	131599	130239	1.04	cps
Molybdenum	97-1	17998	18198	18649	18282	1.82	cps
Molybdenum	98-1	46062	47410	47407	46960	1.65	cps
Neodymium	150-1	540178	556085	563632	553299	2.16	cps
Neodymium	150-2	315280	318074	317671	317008	0.48	cps
Nickel	60-2	609224	607606	611988	609606	0.36	cps
Phosphorus	31-2	83168	83315	83288	83257	0.09	cps
Potassium	39-2	8791109	8618887	8824838	8744945	1.26	cps
Rhodium	103-1	28559363	29014395	28998446	28857401	0.89	cps
Rhodium	103-2	17013719	17186064	16835796	17011860	1.03	cps
Scandium	45-1	16544087	16396716	16632137	16524313	0.72	cps
Scandium	45-2	1391242	1375719	1382482	1383148	0.56	cps
Selenium	82-1	2334	2421	2569	2441	4.87	cps
Selenium	77-2	963	877	967	936	5.45	cps
Selenium	78-2	1350	1420	1270	1347	5.57	cps
Silicon	28-1	75786599	76613192	75945829	76115207	0.58	cps
Silver	107-1	42475	43261	42485	42741	1.05	cps
Silver	109-1	39123	39818	40627	39856	1.89	cps
Sodium	23-2	290631	295417	291214	292421	0.89	cps
Strontium	86-1	1122312	1146109	1160531	1142984	1.69	cps
Strontium	88-1	10062182	10239376	10300924	10200827	1.22	cps
Sulfur	34-1	252938	234790	224109	237279	6.14	cps
Terbium	159-1	35277607	35201937	35953129	35477558	1.17	cps
Terbium	159-2	22872901	23407427	22905010	23061780	1.30	cps
Thallium	203-1	17989	17575	17698	17754	1.20	cps
Thallium	205-1	42807	42259	41443	42170	1.63	cps
Tin	118-1	94893	86316	86876	89362	5.37	cps
Titanium	47-1	5422462	5438543	5573053	5478019	1.51	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-04	Instrumnet Name :	P7
Client Sample ID :	MYE5G7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:13:17	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	104604	109819	111261	108561	3.23	cps
Vanadium	51-2	2508906	2506708	2530400	2515338	0.52	cps
Yttrium	89-1	42812621	43847451	44089134	43583069	1.56	cps
Yttrium	89-2	10757510	10784344	10707805	10749886	0.36	cps
Zinc	66-2	685747	691993	679349	685696	0.92	cps
Zirconium	90-1	1320386	1348164	1354120	1340890	1.34	cps
Zirconium	91-1	296822	300769	300170	299254	0.71	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-05	Instrumnet Name :	P7
Client Sample ID :	MYE5G8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:16:16	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11630031	11444812	11610216	11561686	0.88	cps
Antimony	121-1	39608	41175	41700	40828	2.67	cps
Arsenic	75-2	217324	215877	216141	216447	0.36	cps
Barium	135-1	2087772	2142325	2159779	2129959	1.76	cps
Barium	137-1	3585081	3693954	3648592	3642543	1.50	cps
Beryllium	9-1	2000	1889	1878	1922	3.52	cps
Bismuth	209-1	18926016	18887556	19966263	19259945	3.18	cps
Bismuth	209-2	15420464	15496636	15304375	15407158	0.63	cps
Bromine	81-1	22113	21703	22240	22019	1.28	cps
Bromine	81-2	1280	1420	1390	1363	5.41	cps
Cadmium	108-1	780	783	893	819	7.88	cps
Cadmium	106-1	11038	10747	11258	11014	2.32	cps
Cadmium	111-1	12261	12193	12569	12341	1.63	cps
Calcium	43-1	1785514	1788797	1776790	1783700	0.35	cps
Calcium	44-1	28389209	28988610	28857250	28745023	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	865713	863793	857665	862391	0.49	cps
Cobalt	59-2	612874	605811	606764	608483	0.63	cps
Copper	63-2	1675227	1652667	1658631	1662175	0.70	cps
Dysprosium	156-1	173437	176434	178139	176003	1.35	cps
Dysprosium	156-2	142535	145091	145471	144366	1.11	cps
Erbium	164-1	112811	115311	114951	114357	1.18	cps
Erbium	164-2	76836	77476	78066	77460	0.79	cps
Gadolinium	160-1	156501	161010	161539	159683	1.73	cps
Gadolinium	160-2	113609	113095	113986	113563	0.39	cps
Holmium	165-1	33300450	32871797	34915390	33695879	3.20	cps
Holmium	165-2	23281032	23248129	23273654	23267605	0.07	cps
Indium	115-1	28896914	29167292	30611232	29558479	3.12	cps
Indium	115-2	10162193	10093469	10185206	10146956	0.47	cps
Iron	56-2	604311898	596341578	595167338	598606938	0.83	cps
Iron	57-2	14820004	14420400	14872891	14704432	1.68	cps
Iron	54-2	32308806	32221817	32278795	32269806	0.14	cps
Krypton	83-1	493	497	537	509	4.74	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-05	Instrumnet Name :	P7
Client Sample ID :	MYE5G8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:16:16	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	712772	726969	725572	721771	1.08	cps
Lead	207-1	598539	605376	608313	604076	0.83	cps
Lead	208-1	2751740	2809947	2809999	2790562	1.20	cps
Lithium	6-1	2419773	2374277	2467759	2420603	1.93	cps
Magnesium	24-2	12666711	12149926	12392917	12403185	2.08	cps
Manganese	55-2	18901611	18878674	18802837	18861041	0.27	cps
Molybdenum	94-1	173464	176557	175211	175077	0.89	cps
Molybdenum	95-1	15418	15842	15665	15642	1.36	cps
Molybdenum	96-1	49500	51397	51203	50700	2.06	cps
Molybdenum	97-1	9797	9850	9857	9834	0.33	cps
Molybdenum	98-1	24093	24618	24454	24388	1.10	cps
Neodymium	150-1	344897	353187	351325	349803	1.24	cps
Neodymium	150-2	198373	198957	200939	199423	0.67	cps
Nickel	60-2	328222	325345	323999	325855	0.66	cps
Phosphorus	31-2	38772	36777	37593	37714	2.66	cps
Potassium	39-2	3818463	3774895	3760048	3784469	0.80	cps
Rhodium	103-1	27832755	27608356	29303413	28248175	3.26	cps
Rhodium	103-2	17241033	17189696	17011930	17147553	0.70	cps
Scandium	45-1	15583414	15399844	16289859	15757706	2.98	cps
Scandium	45-2	1360345	1366540	1348205	1358363	0.69	cps
Selenium	82-1	2086	2078	2096	2086	0.43	cps
Selenium	77-2	647	657	630	644	2.09	cps
Selenium	78-2	973	1033	1100	1036	6.12	cps
Silicon	28-1	71687697	72664732	71836904	72063111	0.73	cps
Silver	107-1	7098	7322	7285	7235	1.66	cps
Silver	109-1	6488	6668	6968	6708	3.62	cps
Sodium	23-2	274661	274556	274681	274633	0.02	cps
Strontium	86-1	474511	487417	489246	483725	1.66	cps
Strontium	88-1	4287388	4408101	4333217	4342902	1.40	cps
Sulfur	34-1	234905	234817	235521	235081	0.16	cps
Terbium	159-1	34482141	34125996	35836563	34814900	2.59	cps
Terbium	159-2	23520426	23331943	23115970	23322780	0.87	cps
Thallium	203-1	6028	5731	6008	5922	2.80	cps
Thallium	205-1	13393	14251	14067	13904	3.25	cps
Tin	118-1	46134	47000	48103	47079	2.10	cps
Titanium	47-1	1557413	1599606	1578760	1578593	1.34	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-05	Instrumnet Name :	P7
Client Sample ID :	MYE5G8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:16:16	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53015	55227	55006	54416	2.24	cps
Vanadium	51-2	1015706	1003022	1007019	1008582	0.64	cps
Yttrium	89-1	41161102	41140039	42860386	41720509	2.37	cps
Yttrium	89-2	10696802	10449370	10619661	10588611	1.20	cps
Zinc	66-2	373010	371441	371636	372029	0.23	cps
Zirconium	90-1	446852	453747	453820	451473	0.89	cps
Zirconium	91-1	98793	100353	101454	100200	1.33	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:19:19	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15556154	15543354	15829495	15643001	1.03	cps
Antimony	121-1	27737	28538	29380	28552	2.88	cps
Arsenic	75-2	116731	117638	119311	117894	1.11	cps
Barium	135-1	2600523	2680709	2696591	2659274	1.94	cps
Barium	137-1	4420784	4644924	4669061	4578256	2.99	cps
Beryllium	9-1	2739	2823	2778	2780	1.50	cps
Bismuth	209-1	20162645	20112009	20184227	20152960	0.18	cps
Bismuth	209-2	15400443	15304833	15657825	15454367	1.18	cps
Bromine	81-1	24627	25776	26778	25727	4.18	cps
Bromine	81-2	2244	2200	2357	2267	3.57	cps
Cadmium	108-1	1173	1207	1073	1151	6.03	cps
Cadmium	106-1	12776	11855	11898	12176	4.27	cps
Cadmium	111-1	19643	19736	19849	19743	0.52	cps
Calcium	43-1	578646	595850	594918	589805	1.64	cps
Calcium	44-1	9130462	9460706	9436054	9342407	1.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	911894	908521	897877	906097	0.81	cps
Cobalt	59-2	731902	725009	724107	727006	0.59	cps
Copper	63-2	2630919	2602274	2618775	2617323	0.55	cps
Dysprosium	156-1	162856	171534	170653	168348	2.84	cps
Dysprosium	156-2	138051	139835	139218	139035	0.65	cps
Erbium	164-1	132418	137623	138636	136226	2.45	cps
Erbium	164-2	90601	91779	91299	91227	0.65	cps
Gadolinium	160-1	153171	159344	162511	158342	3.00	cps
Gadolinium	160-2	113794	113599	113650	113681	0.09	cps
Holmium	165-1	35251284	34763797	35161017	35058699	0.74	cps
Holmium	165-2	23056602	23170714	23245536	23157617	0.41	cps
Indium	115-1	30991980	29932043	30608340	30510788	1.76	cps
Indium	115-2	10163966	10116122	10005766	10095285	0.80	cps
Iron	56-2	734411536	722657749	725705349	727591545	0.84	cps
Iron	57-2	17916843	17756496	17939752	17871030	0.56	cps
Iron	54-2	39820025	39263744	39113185	39398985	0.95	cps
Krypton	83-1	597	590	593	593	0.56	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:19:19	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1566344	1632612	1657663	1618873	2.91	cps
Lead	207-1	1343126	1410428	1422961	1392171	3.08	cps
Lead	208-1	6119546	6415611	6471577	6335578	2.99	cps
Lithium	6-1	2658490	2623274	2526199	2602654	2.63	cps
Magnesium	24-2	14538201	14706121	14692197	14645507	0.64	cps
Manganese	55-2	20965561	20717559	20644476	20775865	0.81	cps
Molybdenum	94-1	163775	171892	172681	169449	2.91	cps
Molybdenum	95-1	15622	16056	16189	15955	1.86	cps
Molybdenum	96-1	49785	52383	52765	51644	3.14	cps
Molybdenum	97-1	9383	9867	10054	9768	3.54	cps
Molybdenum	98-1	24163	25195	24921	24760	2.16	cps
Neodymium	150-1	314619	325952	329256	323276	2.37	cps
Neodymium	150-2	186561	187067	183819	185816	0.94	cps
Nickel	60-2	412734	417365	415733	415277	0.57	cps
Phosphorus	31-2	48811	48229	48687	48576	0.63	cps
Potassium	39-2	7308166	7419044	7311406	7346206	0.86	cps
Rhodium	103-1	29898419	28834716	29278514	29337216	1.82	cps
Rhodium	103-2	17134447	16836726	16969541	16980238	0.88	cps
Scandium	45-1	16820611	16247229	16165709	16411183	2.17	cps
Scandium	45-2	1341788	1361156	1363526	1355490	0.88	cps
Selenium	82-1	2067	2025	2169	2087	3.54	cps
Selenium	77-2	550	553	637	580	8.47	cps
Selenium	78-2	1000	1003	1120	1041	6.56	cps
Silicon	28-1	118377112	122788788	123304088	121489996	2.23	cps
Silver	107-1	16086	16693	16656	16478	2.07	cps
Silver	109-1	15548	15598	15689	15612	0.45	cps
Sodium	23-2	256710	254437	257632	256260	0.64	cps
Strontium	86-1	372662	387243	383892	381266	2.00	cps
Strontium	88-1	3347233	3426830	3406751	3393605	1.22	cps
Sulfur	34-1	237793	225887	219020	227567	4.17	cps
Terbium	159-1	36459431	35956509	36044833	36153591	0.74	cps
Terbium	159-2	23153298	23241681	22984193	23126391	0.57	cps
Thallium	203-1	10337	10558	11328	10741	4.84	cps
Thallium	205-1	24733	25591	25060	25128	1.72	cps
Tin	118-1	62903	65505	66650	65019	2.95	cps
Titanium	47-1	2432716	2500071	2513970	2482252	1.75	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:19:19	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65493	68559	69513	67855	3.10	cps
Vanadium	51-2	1394807	1371897	1373996	1380233	0.92	cps
Yttrium	89-1	43943329	42740518	43142379	43275409	1.41	cps
Yttrium	89-2	10557941	10564902	10680043	10600962	0.65	cps
Zinc	66-2	669532	670106	668643	669427	0.11	cps
Zirconium	90-1	425122	440932	445501	437185	2.45	cps
Zirconium	91-1	94237	98806	98746	97263	2.69	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:22:23	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15252337	15357931	15301035	15303768	0.35	cps
Antimony	121-1	31461	32366	31862	31896	1.42	cps
Arsenic	75-2	118757	118649	116113	117839	1.27	cps
Barium	135-1	2632877	2620661	2664992	2639510	0.87	cps
Barium	137-1	4483853	4526875	4546056	4518928	0.70	cps
Beryllium	9-1	2667	2761	2973	2800	5.59	cps
Bismuth	209-1	20596949	20391930	20389766	20459548	0.58	cps
Bismuth	209-2	15477073	15590186	15481755	15516338	0.41	cps
Bromine	81-1	24684	25940	25609	25411	2.56	cps
Bromine	81-2	2170	2134	2110	2138	1.41	cps
Cadmium	108-1	1207	1150	1147	1168	2.89	cps
Cadmium	106-1	11872	11618	11288	11592	2.53	cps
Cadmium	111-1	19057	18909	18820	18929	0.63	cps
Calcium	43-1	555700	566252	567477	563143	1.15	cps
Calcium	44-1	8773338	9060761	9022155	8952085	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	872502	869667	876092	872753	0.37	cps
Cobalt	59-2	719401	722514	720148	720688	0.23	cps
Copper	63-2	2533484	2504752	2505763	2514666	0.65	cps
Dysprosium	156-1	161425	164325	165876	163876	1.38	cps
Dysprosium	156-2	132753	134170	133181	133368	0.54	cps
Erbium	164-1	128848	131377	132948	131058	1.58	cps
Erbium	164-2	88917	88521	87260	88233	0.98	cps
Gadolinium	160-1	148906	155273	153689	152622	2.17	cps
Gadolinium	160-2	109318	109134	107425	108626	0.96	cps
Holmium	165-1	35670627	34960056	35115037	35248573	1.06	cps
Holmium	165-2	23530680	23258595	23086436	23291904	0.96	cps
Indium	115-1	30941379	30111921	30070541	30374614	1.62	cps
Indium	115-2	10010764	9977022	9909334	9965707	0.52	cps
Iron	56-2	706706843	701749536	703044710	703833696	0.37	cps
Iron	57-2	17389323	17315950	17119445	17274906	0.81	cps
Iron	54-2	38299504	38652641	38480734	38477627	0.46	cps
Krypton	83-1	560	590	603	584	3.80	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:22:23	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1525608	1584945	1589315	1566623	2.27	cps
Lead	207-1	1321746	1360516	1361553	1347939	1.68	cps
Lead	208-1	6086632	6225097	6228603	6180111	1.31	cps
Lithium	6-1	2614032	2599249	2584249	2599177	0.57	cps
Magnesium	24-2	14054235	14070241	13941920	14022132	0.50	cps
Manganese	55-2	20415463	20461104	20434608	20437058	0.11	cps
Molybdenum	94-1	173882	179043	178395	177107	1.59	cps
Molybdenum	95-1	15245	15125	15662	15344	1.84	cps
Molybdenum	96-1	51102	51979	52872	51984	1.70	cps
Molybdenum	97-1	9090	9376	9260	9242	1.56	cps
Molybdenum	98-1	23038	23345	24057	23480	2.22	cps
Neodymium	150-1	304877	313075	314853	310935	1.71	cps
Neodymium	150-2	178117	177803	178192	178037	0.12	cps
Nickel	60-2	396810	396290	391873	394991	0.69	cps
Phosphorus	31-2	47370	45889	47216	46825	1.74	cps
Potassium	39-2	7021288	6892162	6950793	6954748	0.93	cps
Rhodium	103-1	29829865	28901440	29160965	29297423	1.64	cps
Rhodium	103-2	16882484	16863622	16651994	16799367	0.76	cps
Scandium	45-1	16588105	16254531	16065005	16302547	1.62	cps
Scandium	45-2	1339412	1335330	1325196	1333313	0.55	cps
Selenium	82-1	2124	2112	1923	2053	5.49	cps
Selenium	77-2	573	537	590	567	4.82	cps
Selenium	78-2	967	1023	1040	1010	3.81	cps
Silicon	28-1	115291718	114256705	113856465	114468296	0.65	cps
Silver	107-1	16106	16483	16376	16321	1.19	cps
Silver	109-1	14761	15135	15195	15030	1.56	cps
Sodium	23-2	245270	246436	245194	245633	0.28	cps
Strontium	86-1	360579	371087	373889	368518	1.90	cps
Strontium	88-1	3223853	3276661	3325040	3275184	1.55	cps
Sulfur	34-1	213459	214480	210031	212657	1.10	cps
Terbium	159-1	36877243	36309797	36411064	36532701	0.83	cps
Terbium	159-2	23268834	23181895	22815670	23088800	1.04	cps
Thallium	203-1	9977	11061	10591	10543	5.16	cps
Thallium	205-1	24562	25504	24909	24992	1.91	cps
Tin	118-1	61356	62960	63322	62546	1.67	cps
Titanium	47-1	2384999	2464807	2439701	2429836	1.68	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:22:23	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	64884	66686	65560	65710	1.39	cps
Vanadium	51-2	1357493	1332755	1377191	1355813	1.64	cps
Yttrium	89-1	43574284	42492436	42479309	42848677	1.47	cps
Yttrium	89-2	10468639	10566304	10231967	10422303	1.65	cps
Zinc	66-2	643942	642174	639690	641935	0.33	cps
Zirconium	90-1	451596	461697	463821	459038	1.42	cps
Zirconium	91-1	99393	103576	103092	102020	2.24	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 17:25:23	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3182023	3162454	3202967	3182481	0.64	cps
Antimony	121-1	5598	5648	6021	5756	4.02	cps
Arsenic	75-2	23792	23983	23499	23758	1.03	cps
Barium	135-1	516312	529226	528143	524561	1.37	cps
Barium	137-1	897303	905998	917543	906948	1.12	cps
Beryllium	9-1	689	583	594	622	9.32	cps
Bismuth	209-1	19828924	19881037	19804012	19837991	0.20	cps
Bismuth	209-2	15388392	15182791	15536699	15369294	1.16	cps
Bromine	81-1	17954	18291	18375	18207	1.22	cps
Bromine	81-2	617	573	550	580	5.83	cps
Cadmium	108-1	270	303	210	261	18.11	cps
Cadmium	106-1	9907	9423	9083	9471	4.37	cps
Cadmium	111-1	9169	8757	8855	8927	2.41	cps
Calcium	43-1	118579	121524	120914	120339	1.29	cps
Calcium	44-1	1919298	1965509	1984406	1956404	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184534	181002	182690	182742	0.97	cps
Cobalt	59-2	147591	147578	146087	147085	0.59	cps
Copper	63-2	527762	518954	520836	522518	0.89	cps
Dysprosium	156-1	33390	33156	33911	33485	1.15	cps
Dysprosium	156-2	27874	27657	27794	27775	0.40	cps
Erbium	164-1	26145	27216	27377	26913	2.49	cps
Erbium	164-2	18335	18242	18055	18211	0.78	cps
Gadolinium	160-1	30527	31789	31819	31378	2.35	cps
Gadolinium	160-2	23496	24034	23253	23594	1.69	cps
Holmium	165-1	34055495	34111849	33912848	34026731	0.30	cps
Holmium	165-2	23019086	22799786	22945389	22921420	0.49	cps
Indium	115-1	29357829	29784085	29913095	29685003	0.98	cps
Indium	115-2	10012574	9959153	9998259	9989996	0.28	cps
Iron	56-2	148928561	145996534	144681961	146535686	1.48	cps
Iron	57-2	3577207	3574417	3564281	3571968	0.19	cps
Iron	54-2	7944152	7868833	7917241	7910075	0.48	cps
Krypton	83-1	313	373	360	349	9.03	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 17:25:23	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	320735	327736	328964	325812	1.36	cps
Lead	207-1	276084	279778	284483	280115	1.50	cps
Lead	208-1	1258219	1293190	1294985	1282131	1.62	cps
Lithium	6-1	2619584	2620612	2619606	2619934	0.02	cps
Magnesium	24-2	3006380	2956124	2950112	2970872	1.04	cps
Manganese	55-2	4193106	4137977	4178388	4169824	0.68	cps
Molybdenum	94-1	34036	34277	34835	34383	1.19	cps
Molybdenum	95-1	3194	3414	3340	3316	3.38	cps
Molybdenum	96-1	10077	10571	10484	10377	2.54	cps
Molybdenum	97-1	1963	2017	1880	1953	3.53	cps
Molybdenum	98-1	5118	5008	5031	5052	1.15	cps
Neodymium	150-1	63663	64480	65508	64550	1.43	cps
Neodymium	150-2	37329	36584	37249	37054	1.10	cps
Nickel	60-2	86169	85522	86018	85903	0.39	cps
Phosphorus	31-2	10127	10123	9943	10065	1.04	cps
Potassium	39-2	1563317	1569272	1529883	1554157	1.37	cps
Rhodium	103-1	28806642	28882615	28709427	28799561	0.30	cps
Rhodium	103-2	17023843	16812514	16940066	16925474	0.63	cps
Scandium	45-1	15744939	15629576	15625105	15666540	0.43	cps
Scandium	45-2	1306957	1298825	1309409	1305063	0.42	cps
Selenium	82-1	1782	1703	1904	1797	5.64	cps
Selenium	77-2	130	87	143	120	24.69	cps
Selenium	78-2	600	607	650	619	4.39	cps
Silicon	28-1	26140252	26180206	26147358	26155939	0.08	cps
Silver	107-1	3440	3544	3517	3500	1.53	cps
Silver	109-1	3237	3344	3424	3335	2.81	cps
Sodium	23-2	104619	103706	103790	104038	0.48	cps
Strontium	86-1	75010	76491	76397	75966	1.09	cps
Strontium	88-1	665594	671628	681850	673024	1.22	cps
Sulfur	34-1	182263	184010	183514	183262	0.49	cps
Terbium	159-1	35094157	34706991	35046704	34949284	0.60	cps
Terbium	159-2	23029259	22833490	22942114	22934954	0.43	cps
Thallium	203-1	2340	2414	2327	2360	1.98	cps
Thallium	205-1	5778	5418	5761	5652	3.60	cps
Tin	118-1	15792	16086	16610	16162	2.56	cps
Titanium	47-1	481900	489256	492041	487732	1.07	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 17:25:23	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13437	13814	13554	13601	1.42	cps
Vanadium	51-2	273263	271752	271915	272310	0.30	cps
Yttrium	89-1	40232066	39932357	40489029	40217817	0.69	cps
Yttrium	89-2	9996337	10111283	10121488	10076369	0.69	cps
Zinc	66-2	137970	136732	136508	137070	0.57	cps
Zirconium	90-1	86117	88756	89075	87983	1.85	cps
Zirconium	91-1	19360	19757	19613	19576	1.03	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:28:35	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15336033	15436071	15372747	15381617	0.33	cps
Antimony	121-1	1926881	1951340	1978503	1952241	1.32	cps
Arsenic	75-2	148121	149168	148888	148725	0.36	cps
Barium	135-1	10993589	11044442	11355567	11131199	1.76	cps
Barium	137-1	18878697	19070354	19561786	19170279	1.84	cps
Beryllium	9-1	70777	70738	71447	70987	0.56	cps
Bismuth	209-1	19728943	19996045	18265423	19330137	4.82	cps
Bismuth	209-2	15236423	15241460	15150262	15209382	0.34	cps
Bromine	81-1	24233	24177	25342	24584	2.67	cps
Bromine	81-2	2003	2257	1990	2084	7.21	cps
Cadmium	108-1	17564	17781	17681	17675	0.61	cps
Cadmium	106-1	34377	33933	33472	33927	1.33	cps
Cadmium	111-1	263197	267781	271413	267464	1.54	cps
Calcium	43-1	549304	556810	563474	556529	1.27	cps
Calcium	44-1	8827221	8788088	8965786	8860365	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2270067	2258261	2249876	2259401	0.45	cps
Cobalt	59-2	6369706	6358072	6381785	6369854	0.19	cps
Copper	63-2	4424476	4495340	4501124	4473647	0.95	cps
Dysprosium	156-1	157243	158029	163223	159498	2.04	cps
Dysprosium	156-2	130154	130341	130200	130232	0.08	cps
Erbium	164-1	126880	127970	131680	128843	1.95	cps
Erbium	164-2	86012	86784	85580	86125	0.71	cps
Gadolinium	160-1	147457	150456	150620	149511	1.19	cps
Gadolinium	160-2	106494	108351	105137	106661	1.51	cps
Holmium	165-1	33674103	33449577	31785244	32969641	3.13	cps
Holmium	165-2	22957341	22836635	22868546	22887507	0.27	cps
Indium	115-1	29483502	29237523	27800671	28840565	3.15	cps
Indium	115-2	9932590	9752901	9926975	9870822	1.03	cps
Iron	56-2	683690923	689836976	685460443	686329448	0.46	cps
Iron	57-2	17009776	16885172	17172101	17022350	0.85	cps
Iron	54-2	36947979	37177679	37260882	37128847	0.44	cps
Krypton	83-1	550	500	503	518	5.40	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:28:35	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1765705	1800923	1847688	1804772	2.28	cps
Lead	207-1	1514929	1554675	1571053	1546886	1.87	cps
Lead	208-1	7003889	7105528	7234472	7114630	1.62	cps
Lithium	6-1	2638772	2601706	2394081	2544853	5.18	cps
Magnesium	24-2	13652446	13751644	13690548	13698212	0.37	cps
Manganese	55-2	21825139	21908901	21881429	21871823	0.20	cps
Molybdenum	94-1	159619	161260	163525	161468	1.21	cps
Molybdenum	95-1	14527	15402	15318	15082	3.20	cps
Molybdenum	96-1	47671	48336	48524	48177	0.93	cps
Molybdenum	97-1	8943	9607	9486	9345	3.78	cps
Molybdenum	98-1	23773	23713	23586	23690	0.40	cps
Neodymium	150-1	301467	311642	308011	307040	1.68	cps
Neodymium	150-2	172772	172701	174884	173452	0.72	cps
Nickel	60-2	1908736	1933788	1916772	1919765	0.67	cps
Phosphorus	31-2	46016	45571	44862	45483	1.28	cps
Potassium	39-2	6805619	6829779	6765655	6800351	0.48	cps
Rhodium	103-1	28272189	28207289	26321115	27600197	4.02	cps
Rhodium	103-2	16522776	16595254	16554304	16557444	0.22	cps
Scandium	45-1	16049169	15569834	14725659	15448221	4.34	cps
Scandium	45-2	1316849	1341341	1318961	1325717	1.02	cps
Selenium	82-1	30444	31273	31363	31027	1.63	cps
Selenium	77-2	3250	3194	3217	3220	0.88	cps
Selenium	78-2	9790	9873	9680	9781	0.99	cps
Silicon	28-1	115782702	118425092	117528732	117245508	1.15	cps
Silver	107-1	984645	1019533	1020718	1008299	2.03	cps
Silver	109-1	941820	959537	968661	956673	1.43	cps
Sodium	23-2	235558	236389	237732	236560	0.46	cps
Strontium	86-1	356086	362929	366322	361779	1.44	cps
Strontium	88-1	3112937	3184163	3304373	3200491	3.02	cps
Sulfur	34-1	209857	209421	208448	209242	0.34	cps
Terbium	159-1	35248731	35136913	32964600	34450081	3.74	cps
Terbium	159-2	22745368	22853955	22865804	22821709	0.29	cps
Thallium	203-1	809341	831546	839101	826663	1.87	cps
Thallium	205-1	1927616	1980710	1978001	1962109	1.52	cps
Tin	118-1	59767	61256	61956	60993	1.83	cps
Titanium	47-1	2306281	2296605	2397452	2333446	2.38	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:28:35	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63611	64512	65433	64519	1.41	cps
Vanadium	51-2	4282003	4300127	4241329	4274486	0.70	cps
Yttrium	89-1	41619185	41510237	39517793	40882405	2.89	cps
Yttrium	89-2	10397497	10242840	10311422	10317253	0.75	cps
Zinc	66-2	1274206	1273190	1270155	1272517	0.17	cps
Zirconium	90-1	404783	416697	422509	414663	2.18	cps
Zirconium	91-1	89849	92610	92862	91774	1.82	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:31:32	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17169628	16760462	16863360	16931150	1.26	cps
Antimony	121-1	7404239	7561789	7597821	7521283	1.37	cps
Arsenic	75-2	253737	250185	252062	251995	0.71	cps
Barium	135-1	37715313	38819264	38801461	38445346	1.64	cps
Barium	137-1	65609817	66357339	66394929	66120695	0.67	cps
Beryllium	9-1	287206	285360	288024	286864	0.48	cps
Bismuth	209-1	19682574	19474454	19880975	19679334	1.03	cps
Bismuth	209-2	15007533	15166433	15000769	15058245	0.62	cps
Bromine	81-1	22925	24026	24243	23731	2.98	cps
Bromine	81-2	1923	1983	2047	1985	3.11	cps
Cadmium	108-1	64831	65085	66247	65388	1.15	cps
Cadmium	106-1	98323	100679	99853	99618	1.20	cps
Cadmium	111-1	973851	1005778	994741	991457	1.64	cps
Calcium	43-1	523436	536580	534317	531444	1.32	cps
Calcium	44-1	8320131	8542972	8466855	8443319	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6772406	6715041	6795519	6760989	0.61	cps
Cobalt	59-2	24789778	24743768	24387693	24640413	0.89	cps
Copper	63-2	10862818	10889843	10767962	10840208	0.59	cps
Dysprosium	156-1	150588	154392	154917	153299	1.54	cps
Dysprosium	156-2	125239	126803	126312	126118	0.63	cps
Erbium	164-1	121459	123611	125524	123532	1.65	cps
Erbium	164-2	84034	82941	82558	83178	0.92	cps
Gadolinium	160-1	142230	145480	144590	144100	1.17	cps
Gadolinium	160-2	102018	104210	102132	102787	1.20	cps
Holmium	165-1	33792790	33957438	34093409	33947879	0.44	cps
Holmium	165-2	22778912	22818715	22505282	22700970	0.75	cps
Indium	115-1	29101682	29277557	28972997	29117412	0.53	cps
Indium	115-2	9681275	9744132	9767630	9731012	0.46	cps
Iron	56-2	685807603	682865056	681060817	683244492	0.35	cps
Iron	57-2	17090049	17079454	16875327	17014943	0.71	cps
Iron	54-2	37711584	37133199	37036744	37293843	0.98	cps
Krypton	83-1	520	567	530	539	4.56	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:31:32	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2502858	2556187	2561012	2540019	1.27	cps
Lead	207-1	2211772	2251462	2233764	2232333	0.89	cps
Lead	208-1	9979055	10153290	10149567	10093971	0.99	cps
Lithium	6-1	2536448	2551610	2569834	2552630	0.65	cps
Magnesium	24-2	13126955	13380903	13257996	13255285	0.96	cps
Manganese	55-2	29608940	29231208	29359543	29399897	0.65	cps
Molybdenum	94-1	156499	160488	160839	159275	1.51	cps
Molybdenum	95-1	15432	15011	15819	15420	2.62	cps
Molybdenum	96-1	47233	48082	48935	48083	1.77	cps
Molybdenum	97-1	9036	9620	9470	9375	3.23	cps
Molybdenum	98-1	23963	24544	24414	24307	1.25	cps
Neodymium	150-1	289854	296023	299246	295041	1.62	cps
Neodymium	150-2	167624	167742	168164	167843	0.17	cps
Nickel	60-2	6644157	6691008	6598421	6644529	0.70	cps
Phosphorus	31-2	43926	43023	43716	43555	1.08	cps
Potassium	39-2	6539027	6510615	6513369	6521004	0.24	cps
Rhodium	103-1	27632409	27760715	28135950	27843025	0.94	cps
Rhodium	103-2	16505616	16477790	16164156	16382521	1.16	cps
Scandium	45-1	15614384	15488035	15651956	15584792	0.55	cps
Scandium	45-2	1282736	1306264	1308388	1299129	1.10	cps
Selenium	82-1	125716	126352	127033	126367	0.52	cps
Selenium	77-2	12452	12462	12235	12383	1.03	cps
Selenium	78-2	39573	39656	39122	39450	0.73	cps
Silicon	28-1	108844982	108234342	109176858	108752061	0.44	cps
Silver	107-1	4103505	4220523	4146030	4156686	1.42	cps
Silver	109-1	3928423	3946921	3957862	3944402	0.38	cps
Sodium	23-2	233025	234962	234016	234001	0.41	cps
Strontium	86-1	341165	344955	347805	344642	0.97	cps
Strontium	88-1	3084285	3103761	3123773	3103940	0.64	cps
Sulfur	34-1	205286	203526	204256	204356	0.43	cps
Terbium	159-1	35045993	35167235	35365223	35192817	0.46	cps
Terbium	159-2	22899265	22798094	22901574	22866311	0.26	cps
Thallium	203-1	3180817	3265838	3263755	3236803	1.50	cps
Thallium	205-1	7573388	7850225	7803935	7742516	1.92	cps
Tin	118-1	59348	61346	61039	60578	1.78	cps
Titanium	47-1	2239295	2240697	2288600	2256197	1.24	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:31:32	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61327	62821	63845	62664	2.02	cps
Vanadium	51-2	13817158	13776411	13824015	13805861	0.19	cps
Yttrium	89-1	41175375	41363424	41424294	41321031	0.31	cps
Yttrium	89-2	10157564	10154092	10078842	10130166	0.44	cps
Zinc	66-2	3376457	3389997	3301895	3356116	1.41	cps
Zirconium	90-1	401719	410710	415676	409369	1.73	cps
Zirconium	91-1	89977	93237	93589	92268	2.16	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-09	Instrumnet Name :	P7
Client Sample ID :	MYE5H0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:34:24	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17852735	18011493	17692751	17852326	0.89	cps
Antimony	121-1	25189	24401	24798	24796	1.59	cps
Arsenic	75-2	165431	162919	164220	164190	0.76	cps
Barium	135-1	3716083	3832971	3845924	3798326	1.88	cps
Barium	137-1	6362668	6528014	6608513	6499732	1.93	cps
Beryllium	9-1	2606	3223	2917	2915	10.58	cps
Bismuth	209-1	19211661	19520719	19607401	19446594	1.07	cps
Bismuth	209-2	14948656	14904701	14944098	14932485	0.16	cps
Bromine	81-1	30131	32222	32920	31758	4.57	cps
Bromine	81-2	3771	3670	3680	3707	1.49	cps
Cadmium	108-1	733	803	820	786	5.85	cps
Cadmium	106-1	11475	11218	11114	11269	1.65	cps
Cadmium	111-1	13200	13065	12887	13051	1.20	cps
Calcium	43-1	8760114	8834799	9043457	8879457	1.65	cps
Calcium	44-1	141113221	144568705	145813334	143831753	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	861064	862572	862049	861895	0.09	cps
Cobalt	59-2	741973	732455	738983	737804	0.66	cps
Copper	63-2	1858521	1817319	1869851	1848564	1.50	cps
Dysprosium	156-1	187555	192538	195755	191950	2.15	cps
Dysprosium	156-2	158186	156188	160522	158299	1.37	cps
Erbium	164-1	149204	152307	152472	151328	1.22	cps
Erbium	164-2	101636	103442	101599	102226	1.03	cps
Gadolinium	160-1	174111	179204	182422	178579	2.35	cps
Gadolinium	160-2	127416	127534	128015	127655	0.25	cps
Holmium	165-1	33723248	34390376	33809069	33974231	1.07	cps
Holmium	165-2	22742997	23115526	22809699	22889407	0.87	cps
Indium	115-1	28682127	29066488	29607806	29118807	1.60	cps
Indium	115-2	9882962	9811901	9894379	9863081	0.45	cps
Iron	56-2	689749403	700811350	688373403	692978052	0.98	cps
Iron	57-2	17320703	17175843	17298837	17265128	0.45	cps
Iron	54-2	37626659	37727812	37645908	37666793	0.14	cps
Krypton	83-1	637	603	537	592	8.60	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-09	Instrumnet Name :	P7
Client Sample ID :	MYE5H0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:34:24	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1204091	1230868	1242783	1225914	1.62	cps
Lead	207-1	1035470	1049655	1063945	1049690	1.36	cps
Lead	208-1	4699124	4830407	4890848	4806793	2.04	cps
Lithium	6-1	2527476	2512736	2440011	2493408	1.88	cps
Magnesium	24-2	16728524	16403433	16428730	16520229	1.09	cps
Manganese	55-2	27545205	27430414	27259455	27411691	0.52	cps
Molybdenum	94-1	160105	164751	170047	164968	3.02	cps
Molybdenum	95-1	9186	9643	10074	9634	4.61	cps
Molybdenum	96-1	42956	44484	44588	44009	2.08	cps
Molybdenum	97-1	5815	5678	5995	5829	2.73	cps
Molybdenum	98-1	14024	14477	14924	14475	3.11	cps
Neodymium	150-1	362803	370395	373241	368813	1.46	cps
Neodymium	150-2	210586	210749	209648	210328	0.28	cps
Nickel	60-2	420327	419032	417669	419009	0.32	cps
Phosphorus	31-2	63722	63652	64241	63871	0.50	cps
Potassium	39-2	7963297	8089008	8009376	8020561	0.79	cps
Rhodium	103-1	27302776	27262403	27669975	27411718	0.82	cps
Rhodium	103-2	16432225	16252302	16358642	16347723	0.55	cps
Scandium	45-1	15437822	15753376	15616066	15602421	1.01	cps
Scandium	45-2	1330924	1341700	1342599	1338408	0.49	cps
Selenium	82-1	2077	2106	2223	2135	3.62	cps
Selenium	77-2	670	540	660	623	11.61	cps
Selenium	78-2	1027	1077	1107	1070	3.78	cps
Silicon	28-1	94491642	98159595	95685249	96112162	1.95	cps
Silver	107-1	10437	10160	9376	9991	5.51	cps
Silver	109-1	9820	8766	9243	9276	5.69	cps
Sodium	23-2	223625	226072	224808	224835	0.54	cps
Strontium	86-1	730720	752335	757419	746825	1.90	cps
Strontium	88-1	6573434	6737511	6746486	6685810	1.46	cps
Sulfur	34-1	276140	279305	281326	278924	0.94	cps
Terbium	159-1	34740812	35381670	35480096	35200859	1.14	cps
Terbium	159-2	22490207	22700830	22809585	22666874	0.72	cps
Thallium	203-1	11485	11395	11351	11410	0.60	cps
Thallium	205-1	27518	27127	27451	27365	0.76	cps
Tin	118-1	54549	55868	56547	55655	1.83	cps
Titanium	47-1	2189877	2285709	2266809	2247465	2.26	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-09	Instrumnet Name :	P7
Client Sample ID :	MYE5H0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:34:24	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48157	49187	50187	49177	2.06	cps
Vanadium	51-2	1448754	1433920	1451248	1444640	0.65	cps
Yttrium	89-1	40896517	41975495	42051320	41641111	1.55	cps
Yttrium	89-2	10295919	10426172	10390715	10370936	0.65	cps
Zinc	66-2	372969	372448	369674	371697	0.48	cps
Zirconium	90-1	424335	436172	446833	435780	2.58	cps
Zirconium	91-1	94166	97813	98471	96817	2.39	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-10	Instrumnet Name :	P7
Client Sample ID :	MYE5H1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:37:25	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17281460	17446918	17339323	17355900	0.48	cps
Antimony	121-1	22661	23102	22668	22810	1.11	cps
Arsenic	75-2	146494	146714	146656	146621	0.08	cps
Barium	135-1	2604871	2636378	2688171	2643140	1.59	cps
Barium	137-1	4471324	4473885	4570690	4505299	1.26	cps
Beryllium	9-1	2528	2411	2467	2469	2.36	cps
Bismuth	209-1	19105416	20086098	19999791	19730435	2.75	cps
Bismuth	209-2	15301482	15395698	15309266	15335482	0.34	cps
Bromine	81-1	26283	27980	29042	27768	5.01	cps
Bromine	81-2	2357	2270	2347	2325	2.04	cps
Cadmium	108-1	740	730	797	756	4.76	cps
Cadmium	106-1	11114	11765	11028	11302	3.57	cps
Cadmium	111-1	13027	13706	12913	13215	3.24	cps
Calcium	43-1	3280863	3380323	3369300	3343496	1.63	cps
Calcium	44-1	54249866	55206159	54768086	54741370	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	826589	819425	827302	824439	0.53	cps
Cobalt	59-2	669003	669374	672330	670236	0.27	cps
Copper	63-2	1836461	1831644	1814479	1827528	0.63	cps
Dysprosium	156-1	156822	160425	161166	159471	1.46	cps
Dysprosium	156-2	129016	128502	129618	129045	0.43	cps
Erbium	164-1	124536	127963	128652	127050	1.74	cps
Erbium	164-2	85462	84483	84738	84895	0.60	cps
Gadolinium	160-1	147693	149370	150576	149213	0.97	cps
Gadolinium	160-2	104103	105362	105597	105021	0.76	cps
Holmium	165-1	33308951	35055675	35218873	34527833	3.07	cps
Holmium	165-2	23063542	23284806	23171363	23173237	0.48	cps
Indium	115-1	28914430	30236675	30502885	29884663	2.85	cps
Indium	115-2	9969973	10089284	10083221	10047493	0.67	cps
Iron	56-2	671806230	681406830	672726523	675313194	0.78	cps
Iron	57-2	16748224	16716544	16549204	16671324	0.64	cps
Iron	54-2	36830382	36849537	36341984	36673968	0.78	cps
Krypton	83-1	550	520	493	521	5.44	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-10	Instrumnet Name :	P7
Client Sample ID :	MYE5H1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:37:25	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	871820	890524	890860	884401	1.23	cps
Lead	207-1	751743	767895	771376	763671	1.37	cps
Lead	208-1	3415755	3491280	3503792	3470276	1.37	cps
Lithium	6-1	2345533	2415520	2447446	2402833	2.17	cps
Magnesium	24-2	16306278	16654609	16324847	16428578	1.19	cps
Manganese	55-2	17154335	16976613	16923294	17018081	0.71	cps
Molybdenum	94-1	103167	106369	107702	105746	2.20	cps
Molybdenum	95-1	10547	10427	10494	10489	0.57	cps
Molybdenum	96-1	34721	35707	34604	35011	1.73	cps
Molybdenum	97-1	6428	6415	6635	6493	1.90	cps
Molybdenum	98-1	15372	16269	15622	15754	2.94	cps
Neodymium	150-1	300090	307850	308624	305521	1.54	cps
Neodymium	150-2	172357	174793	174682	173944	0.79	cps
Nickel	60-2	384464	389723	384814	386334	0.76	cps
Phosphorus	31-2	69159	68425	67080	68221	1.55	cps
Potassium	39-2	8702771	8658825	8564589	8642061	0.82	cps
Rhodium	103-1	27508752	29116031	29230057	28618280	3.36	cps
Rhodium	103-2	16922854	16828953	16870552	16874120	0.28	cps
Scandium	45-1	15515095	16326674	16179009	16006926	2.70	cps
Scandium	45-2	1342873	1336315	1365803	1348331	1.15	cps
Selenium	82-1	2069	2200	2221	2163	3.81	cps
Selenium	77-2	607	583	553	581	4.60	cps
Selenium	78-2	993	1023	863	960	8.86	cps
Silicon	28-1	78031751	80117724	78642135	78930537	1.36	cps
Silver	107-1	9757	9407	9607	9590	1.83	cps
Silver	109-1	9390	9343	9627	9453	1.61	cps
Sodium	23-2	300659	299625	305758	302014	1.09	cps
Strontium	86-1	657620	676670	679177	671156	1.76	cps
Strontium	88-1	5883529	6041298	6113682	6012836	1.96	cps
Sulfur	34-1	302539	298909	296157	299202	1.07	cps
Terbium	159-1	34214641	35854832	36284525	35451333	3.08	cps
Terbium	159-2	23139630	23226548	23155345	23173841	0.20	cps
Thallium	203-1	7762	8419	8052	8078	4.08	cps
Thallium	205-1	19334	19257	18950	19180	1.06	cps
Tin	118-1	54044	54563	55142	54583	1.01	cps
Titanium	47-1	2358306	2392904	2378751	2376654	0.73	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-10	Instrumnet Name :	P7
Client Sample ID :	MYE5H1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:37:25	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45417	47300	46220	46312	2.04	cps
Vanadium	51-2	1386355	1355151	1338377	1359961	1.79	cps
Yttrium	89-1	41098316	42922514	43409973	42476934	2.87	cps
Yttrium	89-2	10468427	10546660	10528810	10514632	0.39	cps
Zinc	66-2	415054	418030	417174	416753	0.37	cps
Zirconium	90-1	264679	270425	275556	270220	2.01	cps
Zirconium	91-1	59142	60487	60410	60013	1.26	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-11	Instrumnet Name :	P7
Client Sample ID :	MYE5H2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:40:29	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14135034	14284056	14001986	14140359	1.00	cps
Antimony	121-1	25319	25750	26388	25819	2.08	cps
Arsenic	75-2	122316	122353	122090	122253	0.12	cps
Barium	135-1	2701271	2770622	2771046	2747647	1.46	cps
Barium	137-1	4562859	4715584	4735133	4671192	2.02	cps
Beryllium	9-1	2284	2411	2484	2393	4.23	cps
Bismuth	209-1	19861973	19797540	20043579	19901031	0.64	cps
Bismuth	209-2	15194424	15329682	15214509	15246205	0.48	cps
Bromine	81-1	23288	24277	25282	24282	4.10	cps
Bromine	81-2	1967	1763	1827	1852	5.62	cps
Cadmium	108-1	560	607	630	599	5.95	cps
Cadmium	106-1	11091	11264	10414	10923	4.12	cps
Cadmium	111-1	11569	11678	11319	11522	1.59	cps
Calcium	43-1	3768718	3782902	3776121	3775914	0.19	cps
Calcium	44-1	60618476	61686084	60976844	61093801	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	690948	688420	690391	689920	0.19	cps
Cobalt	59-2	573554	572809	567461	571275	0.58	cps
Copper	63-2	1331964	1325465	1320372	1325934	0.44	cps
Dysprosium	156-1	138303	141622	144168	141364	2.08	cps
Dysprosium	156-2	115395	114643	116340	115460	0.74	cps
Erbium	164-1	110086	112414	112959	111820	1.36	cps
Erbium	164-2	74779	73790	73988	74185	0.71	cps
Gadolinium	160-1	128405	133836	133048	131763	2.23	cps
Gadolinium	160-2	94013	94757	93103	93958	0.88	cps
Holmium	165-1	34804709	34787133	35151446	34914429	0.59	cps
Holmium	165-2	23061465	23133389	23136877	23110577	0.18	cps
Indium	115-1	29299795	30111837	29915988	29775873	1.42	cps
Indium	115-2	9812186	9857558	9857573	9842439	0.27	cps
Iron	56-2	596515538	595081191	593037325	594878018	0.29	cps
Iron	57-2	14802661	14968268	14624695	14798541	1.16	cps
Iron	54-2	32585881	32007409	32208797	32267362	0.91	cps
Krypton	83-1	440	503	510	484	7.98	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-11	Instrumnet Name :	P7
Client Sample ID :	MYE5H2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:40:29	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	629244	645913	648733	641297	1.64	cps
Lead	207-1	534560	549679	553248	545829	1.82	cps
Lead	208-1	2449696	2516429	2536105	2500744	1.81	cps
Lithium	6-1	2446266	2442846	2385770	2424961	1.40	cps
Magnesium	24-2	13766986	13976248	13680580	13807938	1.10	cps
Manganese	55-2	21462018	21204882	20941479	21202793	1.23	cps
Molybdenum	94-1	134242	136472	136946	135887	1.06	cps
Molybdenum	95-1	10380	10497	10577	10485	0.94	cps
Molybdenum	96-1	38387	39343	39346	39025	1.42	cps
Molybdenum	97-1	6451	6498	6398	6449	0.78	cps
Molybdenum	98-1	15789	16042	15865	15899	0.82	cps
Neodymium	150-1	262730	273315	276924	270990	2.72	cps
Neodymium	150-2	151811	152612	152202	152208	0.26	cps
Nickel	60-2	316773	316631	314071	315825	0.48	cps
Phosphorus	31-2	47366	46888	46213	46822	1.24	cps
Potassium	39-2	5823699	5950314	5964837	5912950	1.31	cps
Rhodium	103-1	28294855	28640756	28572206	28502606	0.64	cps
Rhodium	103-2	16981823	16608729	16594184	16728245	1.31	cps
Scandium	45-1	15781614	15885429	15677742	15781595	0.66	cps
Scandium	45-2	1315437	1324385	1302402	1314075	0.84	cps
Selenium	82-1	2165	2166	2184	2172	0.49	cps
Selenium	77-2	530	520	503	518	2.60	cps
Selenium	78-2	977	807	840	874	10.30	cps
Silicon	28-1	97808085	95549815	96933335	96763745	1.18	cps
Silver	107-1	5528	5791	5971	5763	3.87	cps
Silver	109-1	5031	5448	5508	5329	4.87	cps
Sodium	23-2	213944	213774	214791	214170	0.25	cps
Strontium	86-1	452539	470079	471008	464542	2.24	cps
Strontium	88-1	4069850	4203245	4205727	4159607	1.87	cps
Sulfur	34-1	271369	269429	267171	269323	0.78	cps
Terbium	159-1	35775327	35948641	36039112	35921027	0.37	cps
Terbium	159-2	23060953	23010856	22806450	22959420	0.59	cps
Thallium	203-1	7385	7736	7962	7694	3.78	cps
Thallium	205-1	17662	18589	18142	18131	2.56	cps
Tin	118-1	49408	50421	50632	50154	1.30	cps
Titanium	47-1	1722462	1733242	1718961	1724888	0.43	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-11	Instrumnet Name :	P7
Client Sample ID :	MYE5H2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:40:29	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40127	40321	40625	40358	0.62	cps
Vanadium	51-2	1124494	1127253	1114702	1122150	0.59	cps
Yttrium	89-1	41154268	42089466	42659205	41967646	1.81	cps
Yttrium	89-2	10404996	10264489	10230059	10299848	0.90	cps
Zinc	66-2	320926	323570	324081	322859	0.52	cps
Zirconium	90-1	344705	354387	356113	351735	1.75	cps
Zirconium	91-1	76840	80502	81002	79448	2.86	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-12	Instrumnet Name :	P7
Client Sample ID :	MYE5H3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:43:32	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18431268	17810519	17870793	18037527	1.90	cps
Antimony	121-1	14801	14731	15405	14979	2.47	cps
Arsenic	75-2	118770	119352	117359	118494	0.86	cps
Barium	135-1	3640025	3748235	3675990	3688083	1.49	cps
Barium	137-1	6237489	6367901	6327808	6311066	1.06	cps
Beryllium	9-1	3495	3550	3239	3428	4.84	cps
Bismuth	209-1	19646028	19654228	19935565	19745274	0.83	cps
Bismuth	209-2	15118107	15242605	15074319	15145010	0.58	cps
Bromine	81-1	27666	29850	30608	29375	5.20	cps
Bromine	81-2	3024	3150	2907	3027	4.02	cps
Cadmium	108-1	903	957	923	928	2.90	cps
Cadmium	106-1	12776	12475	12025	12425	3.04	cps
Cadmium	111-1	14996	15032	14836	14954	0.69	cps
Calcium	43-1	6795726	6819946	6856796	6824156	0.45	cps
Calcium	44-1	110568575	111104522	110639442	110770846	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	700959	702576	698990	700842	0.26	cps
Cobalt	59-2	686368	688554	694922	689948	0.64	cps
Copper	63-2	1886677	1911518	1885542	1894579	0.77	cps
Dysprosium	156-1	202522	207321	208106	205983	1.47	cps
Dysprosium	156-2	169175	170596	169634	169802	0.43	cps
Erbium	164-1	156024	162028	161667	159906	2.11	cps
Erbium	164-2	106008	106172	105004	105728	0.60	cps
Gadolinium	160-1	182864	189074	190064	187334	2.08	cps
Gadolinium	160-2	132193	130999	132493	131895	0.60	cps
Holmium	165-1	34133675	34486473	35346213	34655454	1.80	cps
Holmium	165-2	22959381	23005666	22937611	22967553	0.15	cps
Indium	115-1	29279374	29309451	29458814	29349213	0.33	cps
Indium	115-2	9800994	9772632	9703075	9758900	0.52	cps
Iron	56-2	573836885	568170512	570519178	570842191	0.50	cps
Iron	57-2	14340173	14065173	14251450	14218932	0.99	cps
Iron	54-2	30585355	30881585	30772078	30746339	0.49	cps
Krypton	83-1	560	623	587	590	5.39	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-12	Instrumnet Name :	P7
Client Sample ID :	MYE5H3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:43:32	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1019464	1043306	1050339	1037703	1.56	cps
Lead	207-1	864281	886546	892552	881126	1.69	cps
Lead	208-1	3958211	4054634	4112175	4041673	1.92	cps
Lithium	6-1	2536588	2444686	2468841	2483372	1.92	cps
Magnesium	24-2	16755604	16594959	16400791	16583784	1.07	cps
Manganese	55-2	24898452	24924626	24947159	24923412	0.10	cps
Molybdenum	94-1	234969	243912	242956	240612	2.04	cps
Molybdenum	95-1	8129	7902	8049	8027	1.43	cps
Molybdenum	96-1	53240	54869	54524	54211	1.58	cps
Molybdenum	97-1	4784	4684	4501	4656	3.09	cps
Molybdenum	98-1	11428	12032	11822	11760	2.61	cps
Neodymium	150-1	400367	415447	418923	411579	2.40	cps
Neodymium	150-2	233744	231095	231657	232166	0.60	cps
Nickel	60-2	388149	386770	383702	386207	0.59	cps
Phosphorus	31-2	59856	60482	61730	60690	1.57	cps
Potassium	39-2	7977658	7817759	7902021	7899146	1.01	cps
Rhodium	103-1	27594039	28084158	28242344	27973513	1.21	cps
Rhodium	103-2	16524284	16258794	16406838	16396639	0.81	cps
Scandium	45-1	15932474	15635728	15658907	15742370	1.05	cps
Scandium	45-2	1324171	1323838	1312089	1320033	0.52	cps
Selenium	82-1	2140	2094	2062	2099	1.88	cps
Selenium	77-2	657	673	743	691	6.65	cps
Selenium	78-2	1067	1083	1137	1096	3.34	cps
Silicon	28-1	109451982	109024142	111676392	110050838	1.29	cps
Silver	107-1	10320	9974	10164	10153	1.71	cps
Silver	109-1	9110	9400	9860	9456	4.00	cps
Sodium	23-2	228340	228864	227889	228364	0.21	cps
Strontium	86-1	638072	653323	657592	649663	1.58	cps
Strontium	88-1	5734685	5817117	5909547	5820450	1.50	cps
Sulfur	34-1	287035	282543	282340	283973	0.93	cps
Terbium	159-1	35519269	36124904	36068380	35904184	0.93	cps
Terbium	159-2	22927599	23055865	22950206	22977890	0.30	cps
Thallium	203-1	11972	12503	12633	12369	2.83	cps
Thallium	205-1	28994	30087	30073	29718	2.11	cps
Tin	118-1	53997	55644	55179	54940	1.54	cps
Titanium	47-1	2169050	2219672	2208890	2199204	1.21	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-12	Instrumnet Name :	P7
Client Sample ID :	MYE5H3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:43:32	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52767	55298	54926	54330	2.51	cps
Vanadium	51-2	1174926	1170593	1169124	1171548	0.26	cps
Yttrium	89-1	42517784	42401451	42960498	42626578	0.69	cps
Yttrium	89-2	10509296	10392264	10434291	10445284	0.57	cps
Zinc	66-2	378173	378657	375147	377326	0.50	cps
Zirconium	90-1	627869	639165	646159	637731	1.45	cps
Zirconium	91-1	138598	143813	145274	142562	2.46	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-13	Instrumnet Name :	P7
Client Sample ID :	MYE5H4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:46:36	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13689835	13272579	13674256	13545557	1.75	cps
Antimony	121-1	34204	34996	34749	34650	1.17	cps
Arsenic	75-2	108604	108946	108788	108779	0.16	cps
Barium	135-1	2662726	2709691	2719622	2697346	1.13	cps
Barium	137-1	4558640	4666260	4722272	4649057	1.79	cps
Beryllium	9-1	1972	1939	1989	1967	1.29	cps
Bismuth	209-1	19996398	20129116	20382461	20169325	0.97	cps
Bismuth	209-2	15131635	15096671	15326477	15184928	0.82	cps
Bromine	81-1	21966	21830	22551	22116	1.73	cps
Bromine	81-2	1520	1533	1563	1539	1.44	cps
Cadmium	108-1	493	563	673	577	15.74	cps
Cadmium	106-1	11802	11251	10721	11258	4.80	cps
Cadmium	111-1	10809	10628	10170	10536	3.13	cps
Calcium	43-1	1553237	1592138	1573761	1573045	1.24	cps
Calcium	44-1	24903335	25803493	25151465	25286098	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	829025	827325	824411	826920	0.28	cps
Cobalt	59-2	662380	657540	656589	658836	0.47	cps
Copper	63-2	1181620	1175876	1177961	1178486	0.25	cps
Dysprosium	156-1	144771	150776	148864	148137	2.07	cps
Dysprosium	156-2	118142	120458	119617	119406	0.98	cps
Erbium	164-1	105145	107486	107576	106736	1.29	cps
Erbium	164-2	70436	70222	70276	70311	0.16	cps
Gadolinium	160-1	132563	137629	137897	136030	2.21	cps
Gadolinium	160-2	95089	96539	96144	95924	0.78	cps
Holmium	165-1	35658944	34973054	35224079	35285359	0.98	cps
Holmium	165-2	22927470	23057765	23112133	23032456	0.41	cps
Indium	115-1	30694260	30204740	29791564	30230188	1.49	cps
Indium	115-2	9823557	9613702	9760729	9732663	1.11	cps
Iron	56-2	610137751	608154018	609410978	609234249	0.16	cps
Iron	57-2	15142877	15031414	15128156	15100816	0.40	cps
Iron	54-2	33326448	33074278	33251129	33217285	0.39	cps
Krypton	83-1	527	510	553	530	4.12	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-13	Instrumnet Name :	P7
Client Sample ID :	MYE5H4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:46:36	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	451222	466491	471165	462959	2.25	cps
Lead	207-1	386058	394891	394782	391910	1.29	cps
Lead	208-1	1759088	1814622	1826404	1800038	2.00	cps
Lithium	6-1	2514478	2508093	2552486	2525019	0.95	cps
Magnesium	24-2	14225252	13707231	14146926	14026470	1.99	cps
Manganese	55-2	14856294	14745464	14740047	14780602	0.44	cps
Molybdenum	94-1	141287	144828	145505	143873	1.57	cps
Molybdenum	95-1	9290	9306	9210	9269	0.56	cps
Molybdenum	96-1	38728	39025	39814	39189	1.43	cps
Molybdenum	97-1	5478	5898	5618	5664	3.78	cps
Molybdenum	98-1	14257	13890	14327	14158	1.66	cps
Neodymium	150-1	286530	296140	300330	294333	2.40	cps
Neodymium	150-2	164150	164903	163716	164256	0.37	cps
Nickel	60-2	364025	366744	366417	365728	0.41	cps
Phosphorus	31-2	44103	43672	43599	43791	0.62	cps
Potassium	39-2	4549609	4534061	4599400	4561023	0.75	cps
Rhodium	103-1	29508691	28562575	28852417	28974561	1.67	cps
Rhodium	103-2	16809198	16505739	16665802	16660246	0.91	cps
Scandium	45-1	16328034	15953467	15773626	16018375	1.77	cps
Scandium	45-2	1322652	1294491	1298782	1305308	1.16	cps
Selenium	82-1	1996	1954	1942	1964	1.43	cps
Selenium	77-2	510	567	593	557	7.65	cps
Selenium	78-2	927	1010	980	972	4.34	cps
Silicon	28-1	80049694	80641254	81336304	80675750	0.80	cps
Silver	107-1	3801	3697	3684	3727	1.71	cps
Silver	109-1	3604	3470	3294	3456	4.50	cps
Sodium	23-2	210076	208793	210648	209839	0.45	cps
Strontium	86-1	473033	488439	487154	482875	1.77	cps
Strontium	88-1	4230621	4411271	4333972	4325288	2.10	cps
Sulfur	34-1	263295	251795	246795	253961	3.33	cps
Terbium	159-1	36030621	36503952	36000351	36178308	0.78	cps
Terbium	159-2	22888880	22870367	22477158	22745469	1.02	cps
Thallium	203-1	4801	4901	4908	4870	1.23	cps
Thallium	205-1	11422	11862	12079	11787	2.84	cps
Tin	118-1	44368	45388	46080	45279	1.90	cps
Titanium	47-1	1580177	1626812	1674484	1627158	2.90	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-13	Instrumnet Name :	P7
Client Sample ID :	MYE5H4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:46:36	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38191	38633	39542	38789	1.78	cps
Vanadium	51-2	1005657	1001597	1008654	1005303	0.35	cps
Yttrium	89-1	42804078	42577514	41788109	42389900	1.26	cps
Yttrium	89-2	10122303	10152576	10088868	10121249	0.31	cps
Zinc	66-2	308418	306093	308479	307663	0.44	cps
Zirconium	90-1	367824	379262	377353	374813	1.63	cps
Zirconium	91-1	81940	83546	83998	83161	1.30	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-14	Instrumnet Name :	P7
Client Sample ID :	MYE5H5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:49:39	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13534031	13511289	13434715	13493345	0.39	cps
Antimony	121-1	43278	44763	44673	44238	1.88	cps
Arsenic	75-2	114235	112526	113668	113476	0.77	cps
Barium	135-1	2467071	2516781	2512120	2498657	1.10	cps
Barium	137-1	4140650	4300966	4280551	4240723	2.06	cps
Beryllium	9-1	1845	1695	1867	1802	5.20	cps
Bismuth	209-1	19556016	19850111	19751670	19719266	0.76	cps
Bismuth	209-2	14805553	15117941	15182666	15035386	1.34	cps
Bromine	81-1	21269	22013	22390	21891	2.61	cps
Bromine	81-2	1263	1413	1577	1418	11.05	cps
Cadmium	108-1	607	533	690	610	12.85	cps
Cadmium	106-1	11381	10817	11144	11114	2.55	cps
Cadmium	111-1	10429	10186	10418	10344	1.33	cps
Calcium	43-1	2508165	2583391	2575314	2555624	1.62	cps
Calcium	44-1	40104332	41707369	40833734	40881812	1.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1021428	1010048	1021920	1017799	0.66	cps
Cobalt	59-2	620400	616545	621654	619533	0.43	cps
Copper	63-2	1256127	1261691	1251999	1256606	0.39	cps
Dysprosium	156-1	138021	141124	141573	140239	1.38	cps
Dysprosium	156-2	112190	112983	112980	112718	0.41	cps
Erbium	164-1	98400	102103	101952	100818	2.08	cps
Erbium	164-2	67834	67164	66892	67296	0.72	cps
Gadolinium	160-1	126057	129478	130532	128689	1.82	cps
Gadolinium	160-2	90731	91563	91184	91160	0.46	cps
Holmium	165-1	34046783	34385685	34228398	34220289	0.50	cps
Holmium	165-2	22277270	22301785	22754740	22444598	1.20	cps
Indium	115-1	29204064	29254178	29424026	29294089	0.39	cps
Indium	115-2	9647139	9689615	9752263	9696339	0.55	cps
Iron	56-2	649635204	643139604	641126630	644633813	0.69	cps
Iron	57-2	16031374	16066336	16233079	16110263	0.67	cps
Iron	54-2	35569971	34902819	35142106	35204966	0.96	cps
Krypton	83-1	433	467	553	484	12.79	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-14	Instrumnet Name :	P7
Client Sample ID :	MYE5H5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:49:39	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	424132	438255	439148	433845	1.94	cps
Lead	207-1	362575	369012	371285	367624	1.23	cps
Lead	208-1	1656883	1700130	1703781	1686931	1.55	cps
Lithium	6-1	2540744	2582604	2553341	2558896	0.84	cps
Magnesium	24-2	15124763	14909489	15209764	15081338	1.03	cps
Manganese	55-2	14716955	14467466	14560328	14581583	0.86	cps
Molybdenum	94-1	165214	171508	171431	169384	2.13	cps
Molybdenum	95-1	10284	10494	10400	10393	1.01	cps
Molybdenum	96-1	44574	45213	45608	45132	1.16	cps
Molybdenum	97-1	6488	6825	6615	6643	2.56	cps
Molybdenum	98-1	15645	16303	16209	16052	2.22	cps
Neodymium	150-1	273202	280005	283813	279007	1.93	cps
Neodymium	150-2	157188	154631	156846	156222	0.89	cps
Nickel	60-2	396035	395130	397910	396358	0.36	cps
Phosphorus	31-2	43442	43595	44036	43691	0.71	cps
Potassium	39-2	4314667	4275418	4294543	4294876	0.46	cps
Rhodium	103-1	27813965	28314119	28102176	28076753	0.89	cps
Rhodium	103-2	16499932	16326833	16565989	16464251	0.75	cps
Scandium	45-1	15461380	15858536	15498419	15606111	1.41	cps
Scandium	45-2	1288730	1283428	1311089	1294416	1.13	cps
Selenium	82-1	1957	1877	1837	1890	3.23	cps
Selenium	77-2	547	460	447	484	11.21	cps
Selenium	78-2	860	783	887	843	6.36	cps
Silicon	28-1	71634157	71719077	70972024	71441753	0.57	cps
Silver	107-1	3704	3864	3957	3842	3.34	cps
Silver	109-1	3497	3440	3567	3502	1.81	cps
Sodium	23-2	214539	210192	211939	212223	1.03	cps
Strontium	86-1	508810	519356	524208	517458	1.52	cps
Strontium	88-1	4518480	4646692	4653888	4606353	1.65	cps
Sulfur	34-1	254945	256522	258382	256616	0.67	cps
Terbium	159-1	34747535	35527683	35467741	35247653	1.23	cps
Terbium	159-2	22834803	22577540	22492273	22634872	0.79	cps
Thallium	203-1	4331	4384	4291	4335	1.08	cps
Thallium	205-1	10050	10034	10134	10073	0.53	cps
Tin	118-1	71108	72984	74143	72745	2.11	cps
Titanium	47-1	1478608	1539978	1517066	1511884	2.05	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-14	Instrumnet Name :	P7
Client Sample ID :	MYE5H5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:49:39	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39445	40849	41531	40609	2.62	cps
Vanadium	51-2	991226	997427	985415	991356	0.61	cps
Yttrium	89-1	40399050	41521163	41432379	41117530	1.52	cps
Yttrium	89-2	9973727	9890847	9985382	9949985	0.52	cps
Zinc	66-2	304972	303825	304726	304508	0.20	cps
Zirconium	90-1	431115	446836	445841	441264	2.00	cps
Zirconium	91-1	97723	99615	100276	99205	1.34	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-15	Instrumnet Name :	P7
Client Sample ID :	MYE5H6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:52:45	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10391487	10204226	10169255	10254989	1.17	cps
Antimony	121-1	17487	18649	18275	18137	3.27	cps
Arsenic	75-2	50395	49385	49736	49839	1.03	cps
Barium	135-1	1890198	1955751	1994224	1946724	2.70	cps
Barium	137-1	3305648	3418961	3468819	3397809	2.46	cps
Beryllium	9-1	1311	1483	1267	1354	8.45	cps
Bismuth	209-1	19886136	19747924	20039937	19891332	0.73	cps
Bismuth	209-2	15275404	15111177	15129658	15172080	0.59	cps
Bromine	81-1	34093	36425	38176	36231	5.65	cps
Bromine	81-2	3934	4077	4107	4039	2.29	cps
Cadmium	108-1	463	430	370	421	11.23	cps
Cadmium	106-1	10671	10037	9817	10175	4.36	cps
Cadmium	111-1	9652	9092	9046	9263	3.64	cps
Calcium	43-1	1184948	1184049	1195705	1188234	0.55	cps
Calcium	44-1	18690290	19448521	19619438	19252749	2.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	629461	623243	625255	625986	0.51	cps
Cobalt	59-2	498563	491571	492561	494232	0.77	cps
Copper	63-2	1061470	1050767	1050524	1054254	0.59	cps
Dysprosium	156-1	107669	112083	112184	110645	2.33	cps
Dysprosium	156-2	88543	87698	87705	87982	0.55	cps
Erbium	164-1	85107	88823	89430	87787	2.67	cps
Erbium	164-2	59024	58692	59068	58928	0.35	cps
Gadolinium	160-1	103133	108133	107955	106407	2.67	cps
Gadolinium	160-2	77067	76809	75804	76560	0.87	cps
Holmium	165-1	34967221	34091256	34096119	34384866	1.47	cps
Holmium	165-2	22565158	22709751	22658758	22644556	0.32	cps
Indium	115-1	29735547	29399215	29414054	29516272	0.64	cps
Indium	115-2	9693681	9689878	9529428	9637662	0.97	cps
Iron	56-2	426251554	421314260	419345474	422303763	0.84	cps
Iron	57-2	10661975	10502594	10501199	10555256	0.88	cps
Iron	54-2	23116670	23092893	23007212	23072259	0.25	cps
Krypton	83-1	420	430	487	446	8.07	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-15	Instrumnet Name :	P7
Client Sample ID :	MYE5H6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:52:45	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	301665	310365	318154	310061	2.66	cps
Lead	207-1	253898	261964	267216	261026	2.57	cps
Lead	208-1	1171424	1209625	1227775	1202942	2.39	cps
Lithium	6-1	2624800	2490388	2524554	2546581	2.74	cps
Magnesium	24-2	11325838	11090654	11251769	11222754	1.07	cps
Manganese	55-2	14305700	14288088	14100599	14231462	0.80	cps
Molybdenum	94-1	73105	76656	76150	75303	2.55	cps
Molybdenum	95-1	10771	11701	11154	11209	4.17	cps
Molybdenum	96-1	26925	27797	28745	27822	3.27	cps
Molybdenum	97-1	7122	6935	7058	7038	1.35	cps
Molybdenum	98-1	16846	17721	17681	17416	2.83	cps
Neodymium	150-1	189284	197040	198677	195000	2.57	cps
Neodymium	150-2	112515	110392	110546	111151	1.06	cps
Nickel	60-2	229171	228803	229043	229006	0.08	cps
Phosphorus	31-2	37767	37362	37252	37460	0.72	cps
Potassium	39-2	5824347	5756160	5910822	5830443	1.33	cps
Rhodium	103-1	28336455	27948710	27922165	28069110	0.83	cps
Rhodium	103-2	16422646	16326517	16256706	16335290	0.51	cps
Scandium	45-1	15567382	15171262	15522131	15420258	1.41	cps
Scandium	45-2	1271693	1270263	1264475	1268810	0.30	cps
Selenium	82-1	1864	1778	1831	1824	2.39	cps
Selenium	77-2	363	377	417	386	7.20	cps
Selenium	78-2	917	807	867	863	6.38	cps
Silicon	28-1	114129335	115538072	115131442	114932949	0.63	cps
Silver	107-1	6108	6365	6251	6241	2.06	cps
Silver	109-1	5421	5818	5871	5703	4.31	cps
Sodium	23-2	216928	217116	219522	217855	0.66	cps
Strontium	86-1	924570	952594	960993	946052	2.02	cps
Strontium	88-1	8321339	8508934	8564493	8464922	1.51	cps
Sulfur	34-1	269623	256001	247672	257765	4.30	cps
Terbium	159-1	35751615	35144156	35328548	35408106	0.88	cps
Terbium	159-2	22497137	22670316	22531161	22566205	0.41	cps
Thallium	203-1	3717	3774	3737	3743	0.77	cps
Thallium	205-1	8653	9070	8916	8880	2.37	cps
Tin	118-1	37569	39400	39631	38867	2.91	cps
Titanium	47-1	1081522	1104614	1115750	1100628	1.59	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-15	Instrumnet Name :	P7
Client Sample ID :	MYE5H6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:52:45	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35718	38228	38098	37348	3.78	cps
Vanadium	51-2	683914	678842	674486	679081	0.69	cps
Yttrium	89-1	40879207	40318187	40593626	40597007	0.69	cps
Yttrium	89-2	9939329	9959951	9852603	9917294	0.57	cps
Zinc	66-2	281157	280946	278541	280215	0.52	cps
Zirconium	90-1	183468	190623	191430	188507	2.32	cps
Zirconium	91-1	40091	42318	42866	41758	3.52	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-16	Instrumnet Name :	P7
Client Sample ID :	MYE5H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:55:49	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12733456	12892269	12715589	12780438	0.76	cps
Antimony	121-1	31404	32533	32911	32283	2.43	cps
Arsenic	75-2	123105	122016	122413	122512	0.45	cps
Barium	135-1	2426671	2525349	2504197	2485406	2.09	cps
Barium	137-1	4189292	4362285	4343270	4298282	2.21	cps
Beryllium	9-1	1811	1517	1800	1709	9.76	cps
Bismuth	209-1	19533498	19112908	19644863	19430423	1.44	cps
Bismuth	209-2	14774959	15002101	14808903	14861988	0.82	cps
Bromine	81-1	19873	20281	20738	20297	2.13	cps
Bromine	81-2	1137	1070	1173	1127	4.65	cps
Cadmium	108-1	547	527	500	524	4.46	cps
Cadmium	106-1	10497	10661	10447	10535	1.06	cps
Cadmium	111-1	8595	8691	8556	8614	0.80	cps
Calcium	43-1	1858034	1934467	1901737	1898079	2.02	cps
Calcium	44-1	30316653	30858324	31142932	30772636	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	626324	628924	621087	625445	0.64	cps
Cobalt	59-2	568764	573327	565194	569095	0.72	cps
Copper	63-2	1019222	1007700	1018482	1015135	0.64	cps
Dysprosium	156-1	130089	135640	136626	134119	2.63	cps
Dysprosium	156-2	111041	111307	111952	111433	0.42	cps
Erbium	164-1	91276	93691	94564	93177	1.83	cps
Erbium	164-2	61937	62010	62670	62205	0.65	cps
Gadolinium	160-1	117793	123744	125210	122249	3.21	cps
Gadolinium	160-2	86478	87236	86857	86857	0.44	cps
Holmium	165-1	33768714	33603950	33823424	33732029	0.34	cps
Holmium	165-2	22375272	22483741	22289698	22382904	0.43	cps
Indium	115-1	29360704	28864089	29260603	29161799	0.90	cps
Indium	115-2	9606221	9493354	9728287	9609287	1.22	cps
Iron	56-2	609492791	603217898	600661471	604457387	0.75	cps
Iron	57-2	15050382	15033469	14979033	15020961	0.25	cps
Iron	54-2	32674892	32755854	32221390	32550712	0.88	cps
Krypton	83-1	463	460	510	478	5.85	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-16	Instrumnet Name :	P7
Client Sample ID :	MYE5H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:55:49	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	315004	326475	329027	323502	2.31	cps
Lead	207-1	262685	271329	275673	269896	2.45	cps
Lead	208-1	1216422	1257653	1271483	1248519	2.29	cps
Lithium	6-1	2459058	2384774	2441299	2428377	1.60	cps
Magnesium	24-2	13923676	13801796	13827522	13850998	0.46	cps
Manganese	55-2	11919085	11797962	11629541	11782196	1.23	cps
Molybdenum	94-1	157901	165510	165857	163090	2.76	cps
Molybdenum	95-1	8606	9420	8950	8992	4.54	cps
Molybdenum	96-1	40720	42565	43809	42365	3.67	cps
Molybdenum	97-1	5324	5574	5991	5630	5.98	cps
Molybdenum	98-1	13747	14771	14661	14393	3.91	cps
Neodymium	150-1	266474	279473	280668	275538	2.86	cps
Neodymium	150-2	154947	156808	156381	156046	0.62	cps
Nickel	60-2	306194	308991	304856	306680	0.69	cps
Phosphorus	31-2	40697	41332	40885	40971	0.80	cps
Potassium	39-2	3191096	3172645	3164399	3176047	0.43	cps
Rhodium	103-1	28049665	27696939	27928587	27891730	0.64	cps
Rhodium	103-2	16352484	16237950	16384504	16324979	0.47	cps
Scandium	45-1	15535471	15112207	15303204	15316961	1.38	cps
Scandium	45-2	1286079	1299770	1323970	1303273	1.47	cps
Selenium	82-1	1848	1806	1689	1781	4.62	cps
Selenium	77-2	460	593	517	523	12.79	cps
Selenium	78-2	910	883	883	892	1.73	cps
Silicon	28-1	62551854	64702399	64139051	63797768	1.75	cps
Silver	107-1	2050	1883	2050	1995	4.82	cps
Silver	109-1	1717	1673	1763	1718	2.62	cps
Sodium	23-2	226762	227468	224345	226192	0.72	cps
Strontium	86-1	647087	669931	671037	662685	2.04	cps
Strontium	88-1	5773418	5997599	5969233	5913417	2.06	cps
Sulfur	34-1	206979	214381	218111	213157	2.66	cps
Terbium	159-1	35217070	34502080	35171496	34963549	1.14	cps
Terbium	159-2	22390408	22641231	22534728	22522122	0.56	cps
Thallium	203-1	3474	3674	3571	3573	2.80	cps
Thallium	205-1	8103	8323	8609	8345	3.05	cps
Tin	118-1	39574	42740	41195	41170	3.84	cps
Titanium	47-1	1421341	1485864	1452568	1453258	2.22	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-16	Instrumnet Name :	P7
Client Sample ID :	MYE5H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:55:49	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41675	42835	43467	42659	2.13	cps
Vanadium	51-2	968327	970367	959329	966008	0.61	cps
Yttrium	89-1	40683698	40585638	40759436	40676257	0.21	cps
Yttrium	89-2	10038103	9942427	10006330	9995620	0.49	cps
Zinc	66-2	277950	277342	276022	277105	0.36	cps
Zirconium	90-1	414015	430494	435887	426799	2.67	cps
Zirconium	91-1	92483	96595	97588	95555	2.83	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-17	Instrumnet Name :	P7
Client Sample ID :	MYE5H8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:58:54	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11613798	11557610	11788912	11653440	1.04	cps
Antimony	121-1	41734	43134	43445	42771	2.13	cps
Arsenic	75-2	101752	100688	101014	101151	0.54	cps
Barium	135-1	2398622	2422722	2484556	2435300	1.82	cps
Barium	137-1	4029953	4128655	4185257	4114622	1.91	cps
Beryllium	9-1	1700	1567	1678	1648	4.33	cps
Bismuth	209-1	19608983	19533664	19506900	19549849	0.27	cps
Bismuth	209-2	15089033	15085932	15371660	15182208	1.08	cps
Bromine	81-1	23505	24644	24414	24188	2.49	cps
Bromine	81-2	1987	2010	2090	2029	2.67	cps
Cadmium	108-1	603	593	480	559	12.26	cps
Cadmium	106-1	10654	10340	10777	10591	2.13	cps
Cadmium	111-1	10239	10120	10562	10307	2.22	cps
Calcium	43-1	1713880	1723385	1738736	1725334	0.73	cps
Calcium	44-1	27498737	27908431	28186090	27864419	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	687208	685040	693695	688648	0.65	cps
Cobalt	59-2	616479	610335	613129	613315	0.50	cps
Copper	63-2	1298470	1296398	1302952	1299273	0.26	cps
Dysprosium	156-1	131812	135285	136772	134623	1.89	cps
Dysprosium	156-2	108915	110594	110809	110106	0.94	cps
Erbium	164-1	95084	98903	100263	98083	2.74	cps
Erbium	164-2	66005	66812	66236	66351	0.63	cps
Gadolinium	160-1	122950	125967	126252	125056	1.46	cps
Gadolinium	160-2	89121	89262	89658	89347	0.31	cps
Holmium	165-1	34075739	34400691	34520230	34332220	0.67	cps
Holmium	165-2	22567217	22694826	22675686	22645909	0.30	cps
Indium	115-1	29323316	29113852	29082492	29173220	0.45	cps
Indium	115-2	9842549	9782141	9922030	9848907	0.71	cps
Iron	56-2	556882125	548482325	550649285	552004578	0.79	cps
Iron	57-2	13695409	13678694	13742606	13705570	0.24	cps
Iron	54-2	29875883	30028269	29910918	29938357	0.27	cps
Krypton	83-1	450	480	440	457	4.56	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-17	Instrumnet Name :	P7
Client Sample ID :	MYE5H8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:58:54	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	407504	424682	427125	419770	2.55	cps
Lead	207-1	343473	352458	358821	351584	2.19	cps
Lead	208-1	1581161	1635917	1640914	1619330	2.05	cps
Lithium	6-1	2506275	2476655	2341150	2441360	3.61	cps
Magnesium	24-2	12015384	11705466	12059641	11926831	1.62	cps
Manganese	55-2	15312711	15123876	15251995	15229528	0.63	cps
Molybdenum	94-1	127304	134407	135601	132437	3.39	cps
Molybdenum	95-1	9650	9703	9940	9764	1.58	cps
Molybdenum	96-1	37518	37608	38227	37784	1.02	cps
Molybdenum	97-1	5898	6121	6115	6045	2.10	cps
Molybdenum	98-1	14871	14701	15211	14928	1.74	cps
Neodymium	150-1	251632	258663	263750	258015	2.36	cps
Neodymium	150-2	146118	146664	146657	146480	0.21	cps
Nickel	60-2	305624	303190	309322	306045	1.01	cps
Phosphorus	31-2	38288	38348	38010	38215	0.47	cps
Potassium	39-2	4916458	4832493	4895956	4881635	0.90	cps
Rhodium	103-1	28018803	28083650	28071633	28058029	0.12	cps
Rhodium	103-2	16645661	16316359	16633888	16531969	1.13	cps
Scandium	45-1	15513596	15348861	15371466	15411308	0.58	cps
Scandium	45-2	1312410	1301101	1317095	1310202	0.63	cps
Selenium	82-1	2014	1892	1908	1938	3.43	cps
Selenium	77-2	530	540	470	513	7.38	cps
Selenium	78-2	897	843	927	889	4.75	cps
Silicon	28-1	84966959	86532269	86689699	86062975	1.11	cps
Silver	107-1	3304	3104	3651	3353	8.25	cps
Silver	109-1	2900	3034	3120	3018	3.67	cps
Sodium	23-2	195016	197301	197709	196675	0.74	cps
Strontium	86-1	563939	575217	578882	572680	1.36	cps
Strontium	88-1	4994622	5067358	5127312	5063098	1.31	cps
Sulfur	34-1	231277	226713	227532	228507	1.06	cps
Terbium	159-1	35416255	35250679	35538139	35401691	0.41	cps
Terbium	159-2	22603471	22827310	22823387	22751389	0.56	cps
Thallium	203-1	3611	3791	3901	3767	3.89	cps
Thallium	205-1	8816	8886	8873	8859	0.42	cps
Tin	118-1	44820	45802	46535	45719	1.88	cps
Titanium	47-1	1481865	1526625	1538896	1515795	1.98	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-17	Instrumnet Name :	P7
Client Sample ID :	MYE5H8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 17:58:54	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39061	40635	40197	39964	2.03	cps
Vanadium	51-2	868757	870615	871117	870163	0.14	cps
Yttrium	89-1	40829044	40763164	41059362	40883857	0.38	cps
Yttrium	89-2	10152445	10082917	10119108	10118157	0.34	cps
Zinc	66-2	455744	455114	460324	457061	0.62	cps
Zirconium	90-1	340320	347165	351478	346321	1.62	cps
Zirconium	91-1	74478	78213	78428	77040	2.88	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-18	Instrumnet Name :	P7
Client Sample ID :	MYE5H9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:01:57	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12136920	11927570	12174424	12079638	1.10	cps
Antimony	121-1	41680	42115	43208	42334	1.86	cps
Arsenic	75-2	115532	115434	115444	115470	0.05	cps
Barium	135-1	2633319	2763381	2742027	2712909	2.57	cps
Barium	137-1	4566083	4676707	4708693	4650494	1.61	cps
Beryllium	9-1	1683	1633	1722	1680	2.65	cps
Bismuth	209-1	20103039	20051300	19862702	20005680	0.63	cps
Bismuth	209-2	15309952	15220024	15185975	15238650	0.42	cps
Bromine	81-1	20171	21225	21139	20845	2.81	cps
Bromine	81-2	1323	1227	1230	1260	4.36	cps
Cadmium	108-1	377	497	530	468	17.24	cps
Cadmium	106-1	10854	10464	10617	10645	1.85	cps
Cadmium	111-1	8918	8704	8728	8783	1.33	cps
Calcium	43-1	1853867	1886338	1825444	1855216	1.64	cps
Calcium	44-1	29588882	30001524	30150965	29913790	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	725527	730475	722315	726106	0.57	cps
Cobalt	59-2	571777	578522	568891	573063	0.86	cps
Copper	63-2	1127514	1131162	1127571	1128749	0.19	cps
Dysprosium	156-1	142996	146872	144494	144787	1.35	cps
Dysprosium	156-2	118280	120922	119090	119430	1.13	cps
Erbium	164-1	100646	101290	102492	101476	0.92	cps
Erbium	164-2	68781	69465	67874	68707	1.16	cps
Gadolinium	160-1	131856	134508	134300	133555	1.10	cps
Gadolinium	160-2	95526	95892	96714	96044	0.63	cps
Holmium	165-1	34999381	34769002	33936794	34568392	1.62	cps
Holmium	165-2	23236253	22899257	22906139	23013883	0.84	cps
Indium	115-1	30072672	29221758	29595692	29630041	1.44	cps
Indium	115-2	9792074	9795219	9716813	9768035	0.45	cps
Iron	56-2	574644151	568908898	568361952	570638334	0.61	cps
Iron	57-2	14293756	14227238	14290321	14270438	0.26	cps
Iron	54-2	31456802	31258361	31024070	31246411	0.69	cps
Krypton	83-1	420	480	537	479	12.18	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-18	Instrumnet Name :	P7
Client Sample ID :	MYE5H9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:01:57	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	314458	320988	323736	319728	1.49	cps
Lead	207-1	261556	267105	270471	266377	1.69	cps
Lead	208-1	1205604	1234353	1247404	1229120	1.74	cps
Lithium	6-1	2461515	2491903	2417078	2456832	1.53	cps
Magnesium	24-2	13224214	12957304	13097480	13092999	1.02	cps
Manganese	55-2	12727975	12736239	12626941	12697052	0.48	cps
Molybdenum	94-1	171137	176016	175875	174343	1.59	cps
Molybdenum	95-1	8519	8576	8813	8636	1.80	cps
Molybdenum	96-1	43060	43886	44110	43685	1.27	cps
Molybdenum	97-1	5394	5528	5531	5484	1.42	cps
Molybdenum	98-1	13380	13586	13970	13645	2.20	cps
Neodymium	150-1	296478	302494	302578	300517	1.16	cps
Neodymium	150-2	170974	169270	172843	171029	1.04	cps
Nickel	60-2	338376	340079	339548	339335	0.26	cps
Phosphorus	31-2	42061	42004	41967	42011	0.11	cps
Potassium	39-2	3753907	3749966	3660211	3721361	1.42	cps
Rhodium	103-1	28370476	28259697	27977010	28202395	0.72	cps
Rhodium	103-2	16719578	16569446	16481387	16590137	0.73	cps
Scandium	45-1	15581704	15685436	15568867	15612002	0.41	cps
Scandium	45-2	1300371	1311318	1288175	1299955	0.89	cps
Selenium	82-1	1978	1912	1936	1942	1.72	cps
Selenium	77-2	437	540	600	526	15.72	cps
Selenium	78-2	980	983	917	960	3.91	cps
Silicon	28-1	65511526	65545141	66637572	65898080	0.97	cps
Silver	107-1	2040	2007	1980	2009	1.50	cps
Silver	109-1	1640	1683	1823	1716	5.59	cps
Sodium	23-2	227875	225420	224359	225885	0.80	cps
Strontium	86-1	574549	592092	590690	585777	1.66	cps
Strontium	88-1	5177084	5276408	5209040	5220844	0.97	cps
Sulfur	34-1	224346	222499	219801	222215	1.03	cps
Terbium	159-1	35647756	35861778	34964689	35491408	1.32	cps
Terbium	159-2	22757404	22562030	23074079	22797837	1.13	cps
Thallium	203-1	4734	4844	4824	4801	1.22	cps
Thallium	205-1	11375	11552	11472	11466	0.77	cps
Tin	118-1	41961	43168	43218	42782	1.66	cps
Titanium	47-1	1622965	1659824	1655004	1645931	1.22	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-18	Instrumnet Name :	P7
Client Sample ID :	MYE5H9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:01:57	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42116	44136	43511	43254	2.39	cps
Vanadium	51-2	956913	957031	954445	956129	0.15	cps
Yttrium	89-1	41435054	41612534	41320337	41455975	0.36	cps
Yttrium	89-2	10173654	10076348	10092258	10114087	0.52	cps
Zinc	66-2	258299	256775	256514	257196	0.37	cps
Zirconium	90-1	449259	461692	462285	457746	1.61	cps
Zirconium	91-1	100957	102867	104116	102647	1.55	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-19	Instrumnet Name :	P7
Client Sample ID :	MYE5J0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:05:02	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11863838	11892327	11930948	11895704	0.28	cps
Antimony	121-1	46937	49097	49114	48382	2.59	cps
Arsenic	75-2	210897	209882	212884	211221	0.72	cps
Barium	135-1	2086870	2148582	2174113	2136522	2.10	cps
Barium	137-1	3545725	3654838	3769331	3656632	3.06	cps
Beryllium	9-1	1478	1739	1517	1578	8.93	cps
Bismuth	209-1	19816708	20073132	20286684	20058841	1.17	cps
Bismuth	209-2	15321107	15265851	15584921	15390626	1.11	cps
Bromine	81-1	23068	24480	24126	23892	3.08	cps
Bromine	81-2	1840	1890	2027	1919	5.04	cps
Cadmium	108-1	513	553	607	558	8.40	cps
Cadmium	106-1	10787	10437	10367	10531	2.14	cps
Cadmium	111-1	9139	8782	8969	8963	1.99	cps
Calcium	43-1	824022	855860	863063	847648	2.45	cps
Calcium	44-1	13081606	13294101	13618793	13331500	2.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	351734	350133	350694	350854	0.23	cps
Cobalt	59-2	401894	400727	400779	401133	0.16	cps
Copper	63-2	1242645	1246078	1247639	1245454	0.21	cps
Dysprosium	156-1	104999	111146	112190	109445	3.55	cps
Dysprosium	156-2	86518	86973	87879	87124	0.80	cps
Erbium	164-1	90793	95238	94627	93553	2.58	cps
Erbium	164-2	64314	63868	63302	63828	0.79	cps
Gadolinium	160-1	103896	110186	111762	108614	3.83	cps
Gadolinium	160-2	77600	78649	77700	77983	0.74	cps
Holmium	165-1	33957302	34315439	34799490	34357411	1.23	cps
Holmium	165-2	22967540	22750756	23177043	22965113	0.93	cps
Indium	115-1	29509106	29771393	29721128	29667209	0.47	cps
Indium	115-2	9774441	9792873	9857687	9808334	0.45	cps
Iron	56-2	438005967	439155793	444638233	440599998	0.80	cps
Iron	57-2	11002498	10800058	10897797	10900118	0.93	cps
Iron	54-2	23766480	23878461	23744557	23796499	0.30	cps
Krypton	83-1	470	497	477	481	2.88	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-19	Instrumnet Name :	P7
Client Sample ID :	MYE5J0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:05:02	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	291354	306911	307563	301943	3.04	cps
Lead	207-1	238883	250984	253952	247940	3.22	cps
Lead	208-1	1111343	1166814	1175380	1151179	3.02	cps
Lithium	6-1	2585007	2572118	2561036	2572720	0.47	cps
Magnesium	24-2	11339710	11280866	11181888	11267488	0.71	cps
Manganese	55-2	10048891	9943090	10116216	10036066	0.87	cps
Molybdenum	94-1	142314	149285	150548	147382	3.01	cps
Molybdenum	95-1	13086	13873	13550	13503	2.93	cps
Molybdenum	96-1	40834	42485	43227	42182	2.90	cps
Molybdenum	97-1	8066	8446	8486	8332	2.78	cps
Molybdenum	98-1	20187	21172	21406	20922	3.09	cps
Neodymium	150-1	184301	191806	192959	189689	2.48	cps
Neodymium	150-2	108584	106966	108161	107904	0.78	cps
Nickel	60-2	114419	115678	114651	114916	0.58	cps
Phosphorus	31-2	42729	42787	42562	42693	0.27	cps
Potassium	39-2	6187025	6200859	6193854	6193913	0.11	cps
Rhodium	103-1	28190776	28323929	28623912	28379539	0.78	cps
Rhodium	103-2	16678522	16501704	16695576	16625268	0.65	cps
Scandium	45-1	15428895	15441382	15629001	15499759	0.72	cps
Scandium	45-2	1291655	1267126	1289652	1282811	1.06	cps
Selenium	82-1	1993	2023	2010	2009	0.75	cps
Selenium	77-2	423	473	320	406	19.28	cps
Selenium	78-2	890	790	793	824	6.89	cps
Silicon	28-1	67600941	69542244	69852976	68998720	1.77	cps
Silver	107-1	2510	2417	2680	2536	5.27	cps
Silver	109-1	2190	2367	2264	2274	3.90	cps
Sodium	23-2	235088	229686	234235	233003	1.25	cps
Strontium	86-1	713551	749578	751560	738230	2.90	cps
Strontium	88-1	6377469	6596953	6713791	6562738	2.60	cps
Sulfur	34-1	255343	247473	237724	246847	3.58	cps
Terbium	159-1	35288144	36043408	36119022	35816858	1.28	cps
Terbium	159-2	22860885	22922435	22877765	22887028	0.14	cps
Thallium	203-1	6848	6722	6838	6803	1.04	cps
Thallium	205-1	15679	16300	16720	16233	3.23	cps
Tin	118-1	44873	46027	47501	46134	2.86	cps
Titanium	47-1	950595	995842	996625	981021	2.69	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-19	Instrumnet Name :	P7
Client Sample ID :	MYE5J0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:05:02	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47872	51161	51964	50333	4.31	cps
Vanadium	51-2	765666	766536	762506	764903	0.28	cps
Yttrium	89-1	41139842	40901588	41470022	41170484	0.69	cps
Yttrium	89-2	10116679	10045309	10146625	10102871	0.52	cps
Zinc	66-2	332888	330967	333125	332326	0.36	cps
Zirconium	90-1	367957	380971	393264	380731	3.32	cps
Zirconium	91-1	82574	87975	86607	85719	3.28	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-20	Instrumnet Name :	P7
Client Sample ID :	MYE5J1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:08:07	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13097261	13005040	12889914	12997405	0.80	cps
Antimony	121-1	53352	54620	55885	54619	2.32	cps
Arsenic	75-2	102219	99715	100863	100932	1.24	cps
Barium	135-1	2278146	2331094	2330689	2313310	1.32	cps
Barium	137-1	3962554	4042703	4065845	4023701	1.35	cps
Beryllium	9-1	1639	1856	1850	1782	6.93	cps
Bismuth	209-1	19420884	20055878	20408580	19961781	2.51	cps
Bismuth	209-2	15408871	15420006	15498071	15442316	0.31	cps
Bromine	81-1	28230	29269	29490	28996	2.32	cps
Bromine	81-2	2680	2850	2867	2799	3.69	cps
Cadmium	108-1	627	697	690	671	5.76	cps
Cadmium	106-1	10270	10787	10364	10474	2.63	cps
Cadmium	111-1	11855	12361	12283	12166	2.24	cps
Calcium	43-1	855912	875937	877386	869745	1.38	cps
Calcium	44-1	13796126	14007310	13899299	13900912	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	788184	784502	788974	787220	0.30	cps
Cobalt	59-2	609392	606668	609285	608448	0.25	cps
Copper	63-2	2011950	2018578	2007290	2012606	0.28	cps
Dysprosium	156-1	135358	138131	138610	137366	1.28	cps
Dysprosium	156-2	110527	109123	110487	110046	0.73	cps
Erbium	164-1	103742	106912	107110	105921	1.78	cps
Erbium	164-2	70473	70064	69790	70109	0.49	cps
Gadolinium	160-1	131164	134034	133842	133013	1.21	cps
Gadolinium	160-2	95670	93583	93418	94224	1.33	cps
Holmium	165-1	33663563	34224092	34858199	34248618	1.75	cps
Holmium	165-2	22894300	23296644	22908045	23032996	0.99	cps
Indium	115-1	28609545	29653707	30088263	29450505	2.58	cps
Indium	115-2	9785158	9886124	9883926	9851736	0.59	cps
Iron	56-2	601547751	600433938	588954791	596978827	1.17	cps
Iron	57-2	14951309	14929244	14720763	14867105	0.86	cps
Iron	54-2	32582838	32316810	32145998	32348549	0.68	cps
Krypton	83-1	440	557	563	520	13.34	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-20	Instrumnet Name :	P7
Client Sample ID :	MYE5J1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:08:07	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	600037	613660	621190	611629	1.75	cps
Lead	207-1	515151	528314	535004	526156	1.92	cps
Lead	208-1	2351475	2409161	2444721	2401786	1.96	cps
Lithium	6-1	2424925	2483397	2478505	2462276	1.32	cps
Magnesium	24-2	12690538	12589648	12582230	12620805	0.48	cps
Manganese	55-2	17235574	17083589	16853091	17057418	1.13	cps
Molybdenum	94-1	90926	93060	94224	92737	1.80	cps
Molybdenum	95-1	14210	14834	14531	14525	2.15	cps
Molybdenum	96-1	34207	35707	36526	35480	3.31	cps
Molybdenum	97-1	8749	9270	9146	9055	3.00	cps
Molybdenum	98-1	22341	23162	23275	22926	2.22	cps
Neodymium	150-1	247711	255389	255559	252887	1.77	cps
Neodymium	150-2	143044	143307	141189	142513	0.81	cps
Nickel	60-2	285826	282128	282278	283411	0.74	cps
Phosphorus	31-2	40891	41269	40955	41038	0.49	cps
Potassium	39-2	6886277	6718199	6929373	6844617	1.63	cps
Rhodium	103-1	27502700	28381054	28479095	28120950	1.91	cps
Rhodium	103-2	16783336	16700419	16852744	16778833	0.45	cps
Scandium	45-1	15292021	15600861	15713870	15535584	1.41	cps
Scandium	45-2	1318500	1291047	1317594	1309047	1.19	cps
Selenium	82-1	2111	2118	2011	2080	2.87	cps
Selenium	77-2	570	460	470	500	12.17	cps
Selenium	78-2	840	883	990	904	8.54	cps
Silicon	28-1	74686329	74757041	75974809	75139393	0.96	cps
Silver	107-1	8659	8779	9160	8866	2.95	cps
Silver	109-1	8529	8509	8676	8571	1.06	cps
Sodium	23-2	218134	219429	216786	218116	0.61	cps
Strontium	86-1	592496	608268	608273	603013	1.51	cps
Strontium	88-1	5260204	5384708	5424397	5356436	1.60	cps
Sulfur	34-1	212892	210204	208343	210480	1.09	cps
Terbium	159-1	34442182	35682342	36159184	35427903	2.50	cps
Terbium	159-2	22940968	22827874	22736618	22835153	0.45	cps
Thallium	203-1	4234	4337	4644	4405	4.84	cps
Thallium	205-1	10664	10504	10524	10564	0.83	cps
Tin	118-1	44545	45565	45298	45136	1.17	cps
Titanium	47-1	1520614	1540103	1525503	1528740	0.66	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-20	Instrumnet Name :	P7
Client Sample ID :	MYE5J1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:08:07	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47869	49692	49776	49112	2.19	cps
Vanadium	51-2	844531	841569	839643	841914	0.29	cps
Yttrium	89-1	39980684	41335469	41321459	40879204	1.90	cps
Yttrium	89-2	10072093	10083700	10134839	10096877	0.33	cps
Zinc	66-2	433766	436352	431537	433885	0.56	cps
Zirconium	90-1	223851	228537	230372	227587	1.48	cps
Zirconium	91-1	49493	51242	51530	50755	2.17	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:11:12	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5349913	5351315	5371321	5357516	0.22	cps
Antimony	121-1	14621	15308	14347	14759	3.35	cps
Arsenic	75-2	58096	57932	57662	57897	0.38	cps
Barium	135-1	1016220	1042064	1035728	1031337	1.31	cps
Barium	137-1	1761497	1791217	1822783	1791832	1.71	cps
Beryllium	9-1	656	689	817	720	11.81	cps
Bismuth	209-1	20438383	20318838	20385874	20381032	0.29	cps
Bismuth	209-2	15568583	15681738	15626149	15625490	0.36	cps
Bromine	81-1	18462	18091	18208	18254	1.04	cps
Bromine	81-2	637	720	577	644	11.17	cps
Cadmium	108-1	253	290	303	282	9.17	cps
Cadmium	106-1	10220	10007	9813	10014	2.03	cps
Cadmium	111-1	9044	8929	8891	8954	0.89	cps
Calcium	43-1	209472	212571	214829	212291	1.27	cps
Calcium	44-1	3310797	3401085	3443486	3385123	2.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	336138	336637	334255	335677	0.37	cps
Cobalt	59-2	301949	303444	301070	302154	0.40	cps
Copper	63-2	640091	649493	645077	644887	0.73	cps
Dysprosium	156-1	47724	47895	48520	48046	0.87	cps
Dysprosium	156-2	37841	39061	38690	38531	1.62	cps
Erbium	164-1	36591	37617	37961	37390	1.91	cps
Erbium	164-2	25166	24775	25303	25081	1.09	cps
Gadolinium	160-1	42227	44577	44159	43655	2.87	cps
Gadolinium	160-2	32043	31910	31328	31760	1.20	cps
Holmium	165-1	35188374	35023554	34416434	34876121	1.17	cps
Holmium	165-2	22932941	22969390	23038035	22980122	0.23	cps
Indium	115-1	30582876	30292719	30467484	30447693	0.48	cps
Indium	115-2	10021128	10111756	10038307	10057064	0.48	cps
Iron	56-2	305827562	301219462	308065089	305037371	1.14	cps
Iron	57-2	7514304	7587738	7528902	7543648	0.52	cps
Iron	54-2	16453057	16582900	16441099	16492352	0.48	cps
Krypton	83-1	373	450	320	381	17.15	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:11:12	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	261723	263970	264496	263396	0.56	cps
Lead	207-1	225156	230911	227599	227889	1.27	cps
Lead	208-1	1024537	1046606	1041777	1037640	1.12	cps
Lithium	6-1	2658511	2626077	2638956	2641181	0.62	cps
Magnesium	24-2	5239359	5356671	5297072	5297701	1.11	cps
Manganese	55-2	11181111	11325929	11413916	11306985	1.04	cps
Molybdenum	94-1	53996	54929	55772	54899	1.62	cps
Molybdenum	95-1	5641	5598	5805	5681	1.92	cps
Molybdenum	96-1	17334	18265	18342	17980	3.12	cps
Molybdenum	97-1	3741	3430	3580	3584	4.33	cps
Molybdenum	98-1	8913	8743	9026	8894	1.60	cps
Neodymium	150-1	83626	85655	85078	84786	1.23	cps
Neodymium	150-2	48008	48577	48032	48205	0.67	cps
Nickel	60-2	133548	133936	135345	134276	0.70	cps
Phosphorus	31-2	14420	14457	14827	14568	1.55	cps
Potassium	39-2	2597147	2583123	2566320	2582197	0.60	cps
Rhodium	103-1	29192105	29587447	29322065	29367206	0.69	cps
Rhodium	103-2	17057792	16944540	16984490	16995607	0.34	cps
Scandium	45-1	15726819	15701762	15851305	15759962	0.51	cps
Scandium	45-2	1311420	1304511	1313268	1309733	0.35	cps
Selenium	82-1	1868	1943	2067	1959	5.13	cps
Selenium	77-2	163	143	173	160	9.55	cps
Selenium	78-2	723	617	733	691	9.36	cps
Silicon	28-1	17897636	18258281	18129227	18095048	1.01	cps
Silver	107-1	3044	3214	3144	3134	2.73	cps
Silver	109-1	2584	2854	3064	2834	8.49	cps
Sodium	23-2	105011	103324	103407	103914	0.92	cps
Strontium	86-1	156795	161478	160268	159514	1.52	cps
Strontium	88-1	1391992	1403873	1402971	1399612	0.47	cps
Sulfur	34-1	187798	186999	187667	187488	0.23	cps
Terbium	159-1	36204554	36044742	36106688	36118661	0.22	cps
Terbium	159-2	23129771	23142465	23216915	23163050	0.20	cps
Thallium	203-1	2460	2350	2364	2391	2.51	cps
Thallium	205-1	5561	5571	5591	5575	0.27	cps
Tin	118-1	16266	16186	16436	16296	0.78	cps
Titanium	47-1	685184	703669	707245	698699	1.69	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:11:12	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14218	14782	14908	14636	2.51	cps
Vanadium	51-2	594144	594924	594465	594511	0.07	cps
Yttrium	89-1	41942601	41160530	40956523	41353218	1.26	cps
Yttrium	89-2	10078842	10179914	10140300	10133019	0.50	cps
Zinc	66-2	128877	129314	130141	129444	0.50	cps
Zirconium	90-1	137806	139808	140396	139337	0.97	cps
Zirconium	91-1	30412	31621	31634	31222	2.25	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:14:19	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5335451	5422551	5453641	5403881	1.13	cps
Antimony	121-1	12866	14117	13410	13464	4.66	cps
Arsenic	75-2	57548	56199	56504	56750	1.25	cps
Barium	135-1	951452	967106	976263	964941	1.30	cps
Barium	137-1	1615146	1675850	1689829	1660275	2.39	cps
Beryllium	9-1	694	750	756	733	4.61	cps
Bismuth	209-1	19766488	20098689	19995462	19953546	0.85	cps
Bismuth	209-2	15560716	15516824	15488269	15521936	0.24	cps
Bromine	81-1	17908	18415	18365	18229	1.53	cps
Bromine	81-2	523	557	543	541	3.10	cps
Cadmium	108-1	233	277	270	260	8.97	cps
Cadmium	106-1	9980	10434	10047	10154	2.41	cps
Cadmium	111-1	9070	9424	9114	9202	2.09	cps
Calcium	43-1	211527	216922	219500	215983	1.88	cps
Calcium	44-1	3429033	3498829	3470989	3466283	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	333963	333536	334273	333924	0.11	cps
Cobalt	59-2	300271	296142	294881	297098	0.95	cps
Copper	63-2	647803	644807	644124	645578	0.30	cps
Dysprosium	156-1	45356	46283	46430	46023	1.26	cps
Dysprosium	156-2	38189	37797	37527	37838	0.88	cps
Erbium	164-1	35335	36120	36521	35992	1.68	cps
Erbium	164-2	24802	24174	24418	24465	1.29	cps
Gadolinium	160-1	41231	42621	42491	42114	1.82	cps
Gadolinium	160-2	31101	31225	30299	30875	1.63	cps
Holmium	165-1	34335438	34298755	34303814	34312669	0.06	cps
Holmium	165-2	23028275	23119320	22612816	22920137	1.18	cps
Indium	115-1	30378700	29909756	30092168	30126875	0.78	cps
Indium	115-2	9957409	10067616	9948881	9991302	0.66	cps
Iron	56-2	297650129	299042129	296621676	297771311	0.41	cps
Iron	57-2	7435426	7318121	7318075	7357207	0.92	cps
Iron	54-2	16164284	16105075	16181094	16150151	0.25	cps
Krypton	83-1	480	343	437	420	16.63	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:14:19	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	254034	259637	261429	258367	1.49	cps
Lead	207-1	220574	225457	224554	223528	1.16	cps
Lead	208-1	1000770	1026981	1027960	1018570	1.51	cps
Lithium	6-1	2715566	2684918	2668338	2689607	0.89	cps
Magnesium	24-2	5275926	5430390	5367459	5357925	1.45	cps
Manganese	55-2	10869683	10931374	10941465	10914174	0.36	cps
Molybdenum	94-1	50654	53929	52607	52397	3.14	cps
Molybdenum	95-1	5414	5404	5611	5477	2.13	cps
Molybdenum	96-1	16997	17160	17370	17176	1.09	cps
Molybdenum	97-1	3227	3357	3364	3316	2.32	cps
Molybdenum	98-1	8342	8663	8556	8520	1.91	cps
Neodymium	150-1	80290	81735	82925	81650	1.62	cps
Neodymium	150-2	46647	45948	46470	46355	0.78	cps
Nickel	60-2	133082	131776	131900	132253	0.54	cps
Phosphorus	31-2	14747	14657	14580	14662	0.57	cps
Potassium	39-2	2630889	2600791	2593381	2608354	0.76	cps
Rhodium	103-1	28990990	29169247	29340890	29167042	0.60	cps
Rhodium	103-2	17066302	16989683	16795267	16950417	0.82	cps
Scandium	45-1	15882445	16028736	16027265	15979482	0.53	cps
Scandium	45-2	1320462	1319241	1315323	1318342	0.20	cps
Selenium	82-1	1655	1967	1696	1772	9.57	cps
Selenium	77-2	167	187	153	169	9.93	cps
Selenium	78-2	667	643	680	663	2.80	cps
Silicon	28-1	17816111	18560877	18530160	18302383	2.30	cps
Silver	107-1	3144	3240	3010	3131	3.69	cps
Silver	109-1	2777	2750	2944	2824	3.71	cps
Sodium	23-2	98503	97999	99432	98645	0.74	cps
Strontium	86-1	151828	156421	157030	155093	1.83	cps
Strontium	88-1	1332764	1377394	1373141	1361100	1.81	cps
Sulfur	34-1	198904	198123	197340	198122	0.39	cps
Terbium	159-1	35691771	35482148	35850118	35674679	0.52	cps
Terbium	159-2	23008585	23262035	22976363	23082328	0.68	cps
Thallium	203-1	2187	2430	2307	2308	5.27	cps
Thallium	205-1	5281	5745	5444	5490	4.28	cps
Tin	118-1	15695	16116	16266	16026	1.85	cps
Titanium	47-1	666699	688270	693087	682686	2.06	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:14:19	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13807	13874	14405	14029	2.33	cps
Vanadium	51-2	584814	583459	581569	583281	0.28	cps
Yttrium	89-1	40833505	41005742	41217228	41018825	0.47	cps
Yttrium	89-2	10230304	10089878	10067528	10129237	0.87	cps
Zinc	66-2	130588	128521	127905	129005	1.09	cps
Zirconium	90-1	133275	136037	136766	135359	1.36	cps
Zirconium	91-1	29613	30515	30037	30055	1.50	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:17:29	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1049305	1045204	1042163	1045557	0.34	cps
Antimony	121-1	2794	2754	2997	2848	4.58	cps
Arsenic	75-2	11314	11281	11528	11374	1.18	cps
Barium	135-1	195080	195999	194307	195129	0.43	cps
Barium	137-1	335307	337686	337219	336738	0.37	cps
Beryllium	9-1	172	200	167	180	9.94	cps
Bismuth	209-1	19460614	19805656	19975212	19747161	1.33	cps
Bismuth	209-2	15363210	15399610	15437675	15400165	0.24	cps
Bromine	81-1	17160	16563	16870	16864	1.77	cps
Bromine	81-2	237	243	283	254	9.92	cps
Cadmium	108-1	67	67	77	70	8.25	cps
Cadmium	106-1	9770	9660	9363	9598	2.19	cps
Cadmium	111-1	7216	7119	6867	7067	2.55	cps
Calcium	43-1	42192	43018	43054	42755	1.14	cps
Calcium	44-1	722737	723824	724823	723795	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67430	67232	66857	67173	0.43	cps
Cobalt	59-2	59675	59718	58581	59324	1.09	cps
Copper	63-2	128425	128190	126455	127690	0.84	cps
Dysprosium	156-1	8793	8866	9040	8900	1.42	cps
Dysprosium	156-2	7195	7619	7325	7380	2.94	cps
Erbium	164-1	7005	7252	7342	7200	2.42	cps
Erbium	164-2	4851	4804	4788	4814	0.68	cps
Gadolinium	160-1	7912	8453	8046	8137	3.46	cps
Gadolinium	160-2	6928	7102	7035	7022	1.25	cps
Holmium	165-1	33599719	33816045	33853635	33756466	0.41	cps
Holmium	165-2	22766979	22585689	22536583	22629750	0.54	cps
Indium	115-1	29551895	30444206	30000176	29998759	1.49	cps
Indium	115-2	10033766	10097627	10104080	10078491	0.39	cps
Iron	56-2	58838914	58684287	59324474	58949225	0.57	cps
Iron	57-2	1461541	1463411	1445988	1456980	0.66	cps
Iron	54-2	3213381	3194806	3214218	3207468	0.34	cps
Krypton	83-1	340	357	387	361	6.55	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:17:29	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50323	49814	50436	50191	0.66	cps
Lead	207-1	42820	44081	44018	43640	1.63	cps
Lead	208-1	198551	198578	198788	198639	0.07	cps
Lithium	6-1	2717698	2632073	2596554	2648775	2.35	cps
Magnesium	24-2	982031	994625	993595	990084	0.71	cps
Manganese	55-2	2207856	2191651	2240915	2213474	1.13	cps
Molybdenum	94-1	12122	11491	11348	11654	3.53	cps
Molybdenum	95-1	1170	1113	1097	1127	3.41	cps
Molybdenum	96-1	3711	3597	3801	3703	2.75	cps
Molybdenum	97-1	640	767	643	683	10.57	cps
Molybdenum	98-1	1770	1810	1853	1811	2.30	cps
Neodymium	150-1	15836	15839	15886	15853	0.18	cps
Neodymium	150-2	9377	8950	9400	9242	2.74	cps
Nickel	60-2	26393	26637	26427	26486	0.50	cps
Phosphorus	31-2	3107	2864	2827	2933	5.19	cps
Potassium	39-2	580459	581181	578652	580097	0.22	cps
Rhodium	103-1	28629016	29053850	29037923	28906930	0.83	cps
Rhodium	103-2	16791670	16804162	16791249	16795694	0.04	cps
Scandium	45-1	15435608	15831377	15778376	15681787	1.37	cps
Scandium	45-2	1295269	1289471	1293489	1292743	0.23	cps
Selenium	82-1	1811	1790	1691	1764	3.62	cps
Selenium	77-2	30	63	53	49	34.99	cps
Selenium	78-2	557	580	543	560	3.31	cps
Silicon	28-1	4653401	4745699	4735980	4711693	1.08	cps
Silver	107-1	797	757	673	742	8.48	cps
Silver	109-1	703	720	640	688	6.14	cps
Sodium	23-2	65943	63487	65592	65007	2.04	cps
Strontium	86-1	30695	31186	31100	30994	0.85	cps
Strontium	88-1	269257	271355	272452	271021	0.60	cps
Sulfur	34-1	195065	194606	195067	194912	0.14	cps
Terbium	159-1	34651806	34924974	34649930	34742237	0.46	cps
Terbium	159-2	22924650	22860320	22781946	22855639	0.31	cps
Thallium	203-1	770	763	753	762	1.10	cps
Thallium	205-1	1903	1820	1710	1811	5.35	cps
Tin	118-1	6301	6358	6308	6323	0.49	cps
Titanium	47-1	136811	137508	137296	137205	0.26	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE586L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:17:29	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2750	2650	2637	2679	2.31	cps
Vanadium	51-2	115692	113963	114762	114806	0.75	cps
Yttrium	89-1	40133029	40942145	40435317	40503497	1.01	cps
Yttrium	89-2	9951050	10073707	10141360	10055372	0.96	cps
Zinc	66-2	28825	28300	28380	28502	0.99	cps
Zirconium	90-1	28975	29186	29072	29078	0.36	cps
Zirconium	91-1	6205	6231	6555	6330	3.08	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:20:39	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5582372	5508535	5431921	5507609	1.37	cps
Antimony	121-1	488183	490469	493289	490647	0.52	cps
Arsenic	75-2	67074	67084	66140	66766	0.81	cps
Barium	135-1	3027485	3114046	3126888	3089473	1.75	cps
Barium	137-1	5152201	5320992	5454629	5309274	2.85	cps
Beryllium	9-1	18305	18372	17994	18224	1.11	cps
Bismuth	209-1	18774879	19395806	19309144	19159943	1.76	cps
Bismuth	209-2	15109096	15174508	15257568	15180390	0.49	cps
Bromine	81-1	17484	17013	16913	17137	1.78	cps
Bromine	81-2	567	627	477	557	13.56	cps
Cadmium	108-1	4211	4411	4357	4326	2.39	cps
Cadmium	106-1	15005	15505	14921	15144	2.09	cps
Cadmium	111-1	69434	71914	70093	70480	1.82	cps
Calcium	43-1	210885	215147	215407	213813	1.19	cps
Calcium	44-1	3365842	3431235	3471151	3422743	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	683137	691926	689749	688271	0.67	cps
Cobalt	59-2	1736320	1725532	1758689	1740180	0.97	cps
Copper	63-2	1139168	1145666	1140404	1141746	0.30	cps
Dysprosium	156-1	45393	45878	45366	45546	0.63	cps
Dysprosium	156-2	36701	37697	37109	37169	1.35	cps
Erbium	164-1	34736	35779	36621	35712	2.64	cps
Erbium	164-2	23971	24635	24715	24440	1.67	cps
Gadolinium	160-1	41488	42361	42725	42191	1.51	cps
Gadolinium	160-2	30607	30413	31368	30796	1.64	cps
Holmium	165-1	33246864	33166874	33442242	33285326	0.43	cps
Holmium	165-2	22780361	22589159	22497715	22622412	0.64	cps
Indium	115-1	29138720	29334726	29262744	29245397	0.34	cps
Indium	115-2	9939377	9984540	10062564	9995494	0.62	cps
Iron	56-2	306061022	308472582	308235655	307589753	0.43	cps
Iron	57-2	7362298	7600880	7640165	7534448	2.00	cps
Iron	54-2	16708605	16707616	16898859	16771693	0.66	cps
Krypton	83-1	420	440	390	417	6.04	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:20:39	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	312276	320013	320434	317575	1.45	cps
Lead	207-1	269085	274165	272096	271782	0.94	cps
Lead	208-1	1235324	1250063	1252138	1245842	0.74	cps
Lithium	6-1	2588362	2649962	2611998	2616774	1.19	cps
Magnesium	24-2	5295653	5299948	5322955	5306185	0.28	cps
Manganese	55-2	11884293	11982448	12001546	11956096	0.53	cps
Molybdenum	94-1	52182	53130	53457	52923	1.25	cps
Molybdenum	95-1	5614	5611	5631	5619	0.19	cps
Molybdenum	96-1	17387	17257	17577	17407	0.93	cps
Molybdenum	97-1	3427	3687	3420	3512	4.33	cps
Molybdenum	98-1	8743	8596	8859	8733	1.51	cps
Neodymium	150-1	80163	81286	82137	81195	1.22	cps
Neodymium	150-2	47205	46908	47640	47251	0.78	cps
Nickel	60-2	498718	501215	504994	501642	0.63	cps
Phosphorus	31-2	14847	14784	14991	14874	0.71	cps
Potassium	39-2	2632549	2651351	2634938	2639613	0.39	cps
Rhodium	103-1	28084158	28492535	28579384	28385359	0.93	cps
Rhodium	103-2	16853990	16664574	16724473	16747679	0.58	cps
Scandium	45-1	15674056	15880763	16000302	15851707	1.04	cps
Scandium	45-2	1323126	1338301	1336799	1332742	0.63	cps
Selenium	82-1	9802	9985	10269	10019	2.35	cps
Selenium	77-2	880	880	887	882	0.44	cps
Selenium	78-2	3264	3357	3217	3279	2.17	cps
Silicon	28-1	18269186	17969043	18449781	18229337	1.33	cps
Silver	107-1	245019	249445	251938	248801	1.41	cps
Silver	109-1	231608	236426	239348	235794	1.66	cps
Sodium	23-2	95937	93656	93099	94231	1.60	cps
Strontium	86-1	156017	158277	159105	157800	1.01	cps
Strontium	88-1	1369134	1382889	1403810	1385277	1.26	cps
Sulfur	34-1	202182	200150	197124	199819	1.27	cps
Terbium	159-1	34081852	34715519	34240029	34345800	0.96	cps
Terbium	159-2	22611263	22333062	22724789	22556371	0.89	cps
Thallium	203-1	194806	196801	200227	197278	1.39	cps
Thallium	205-1	461837	467285	472314	467145	1.12	cps
Tin	118-1	16129	15565	15792	15829	1.79	cps
Titanium	47-1	696274	707777	704414	702822	0.84	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:20:39	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13684	13961	13650	13765	1.24	cps
Vanadium	51-2	1348318	1363530	1374184	1362011	0.95	cps
Yttrium	89-1	40318935	40804067	41104645	40742549	0.97	cps
Yttrium	89-2	10125580	10225429	10156048	10169019	0.50	cps
Zinc	66-2	293737	295951	296599	295429	0.51	cps
Zirconium	90-1	134418	138351	137048	136606	1.47	cps
Zirconium	91-1	29530	30702	31083	30438	2.66	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:23:47	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5963567	5988216	5903185	5951656	0.74	cps
Antimony	121-1	1869291	1937875	1934839	1914002	2.02	cps
Arsenic	75-2	95401	96017	95484	95634	0.35	cps
Barium	135-1	9721325	10019183	10093878	9944795	1.98	cps
Barium	137-1	16705726	17036989	17171086	16971267	1.41	cps
Beryllium	9-1	71308	74327	75209	73614	2.78	cps
Bismuth	209-1	19133470	19211703	19316179	19220451	0.48	cps
Bismuth	209-2	15397612	15197734	15293240	15296195	0.65	cps
Bromine	81-1	17414	17190	17814	17473	1.81	cps
Bromine	81-2	487	540	507	511	5.27	cps
Cadmium	108-1	16433	16940	16643	16672	1.53	cps
Cadmium	106-1	31738	32423	32125	32095	1.07	cps
Cadmium	111-1	252761	259421	263843	258675	2.16	cps
Calcium	43-1	204867	213721	213886	210824	2.45	cps
Calcium	44-1	3253307	3395290	3393777	3347458	2.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1844306	1844847	1868290	1852481	0.74	cps
Cobalt	59-2	6453862	6442425	6367402	6421230	0.73	cps
Copper	63-2	2858337	2810840	2815771	2828316	0.92	cps
Dysprosium	156-1	44042	45126	45611	44926	1.79	cps
Dysprosium	156-2	37440	37246	37166	37284	0.38	cps
Erbium	164-1	34081	35081	35689	34950	2.32	cps
Erbium	164-2	24301	24238	24679	24406	0.98	cps
Gadolinium	160-1	40024	40976	42063	41021	2.49	cps
Gadolinium	160-2	30390	30797	30193	30460	1.01	cps
Holmium	165-1	32991477	33341170	33478097	33270248	0.75	cps
Holmium	165-2	22767379	22571736	22499258	22612791	0.61	cps
Indium	115-1	29387445	29456192	29308391	29384009	0.25	cps
Indium	115-2	10034896	9916317	9817518	9922911	1.10	cps
Iron	56-2	306727169	305404509	305037229	305722969	0.29	cps
Iron	57-2	7665252	7574720	7663381	7634451	0.68	cps
Iron	54-2	16690258	16797708	16629817	16705928	0.51	cps
Krypton	83-1	393	380	343	372	6.96	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:23:47	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	486301	507949	513202	502484	2.84	cps
Lead	207-1	425945	439380	442212	435846	1.99	cps
Lead	208-1	1932581	2008418	2033816	1991605	2.64	cps
Lithium	6-1	2605537	2554889	2649745	2603390	1.82	cps
Magnesium	24-2	5222676	5269003	5182466	5224715	0.83	cps
Manganese	55-2	13750773	13750030	13828931	13776578	0.33	cps
Molybdenum	94-1	51678	53460	52928	52689	1.74	cps
Molybdenum	95-1	5691	5504	5745	5647	2.23	cps
Molybdenum	96-1	16947	17761	17704	17471	2.60	cps
Molybdenum	97-1	3360	3390	3447	3399	1.30	cps
Molybdenum	98-1	8296	8699	8733	8576	2.84	cps
Neodymium	150-1	78946	80642	81809	80466	1.79	cps
Neodymium	150-2	45419	46296	46476	46064	1.23	cps
Nickel	60-2	1743493	1740679	1770751	1751641	0.95	cps
Phosphorus	31-2	14647	14343	14127	14372	1.82	cps
Potassium	39-2	2571637	2580370	2605744	2585917	0.69	cps
Rhodium	103-1	28342720	28247747	28882229	28490898	1.20	cps
Rhodium	103-2	16896958	16704489	16628887	16743445	0.83	cps
Scandium	45-1	15759471	15913317	15914509	15862432	0.56	cps
Scandium	45-2	1310262	1304008	1296995	1303755	0.51	cps
Selenium	82-1	33788	34588	35137	34504	1.97	cps
Selenium	77-2	3107	3147	3064	3106	1.34	cps
Selenium	78-2	11058	11041	10904	11001	0.77	cps
Silicon	28-1	17433310	17832590	18132333	17799411	1.97	cps
Silver	107-1	989854	1024505	1024502	1012954	1.97	cps
Silver	109-1	943154	966789	973976	961306	1.68	cps
Sodium	23-2	92673	91540	91322	91845	0.79	cps
Strontium	86-1	151249	157179	156124	154851	2.04	cps
Strontium	88-1	1315712	1365569	1375285	1352188	2.36	cps
Sulfur	34-1	201946	202733	201115	201931	0.40	cps
Terbium	159-1	34412777	34286935	34492748	34397487	0.30	cps
Terbium	159-2	22694070	22495466	22443002	22544179	0.59	cps
Thallium	203-1	771268	804193	813002	796154	2.76	cps
Thallium	205-1	1840059	1886877	1898565	1875167	1.65	cps
Tin	118-1	15392	16456	16012	15953	3.35	cps
Titanium	47-1	669721	693632	700766	688040	2.36	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4572-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE586SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:23:47	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13157	13851	13487	13498	2.57	cps
Vanadium	51-2	3769593	3833872	3774370	3792612	0.94	cps
Yttrium	89-1	40235344	40624274	40786203	40548607	0.70	cps
Yttrium	89-2	10148875	10136877	10012329	10099360	0.75	cps
Zinc	66-2	828197	825819	821959	825325	0.38	cps
Zirconium	90-1	130507	136087	136894	134496	2.59	cps
Zirconium	91-1	29072	30475	30084	29877	2.42	cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4672703	4682917	4649662	4668427	0.36	cps
Antimony	121-1	15378	15589	15809	15592	1.38	cps
Arsenic	75-2	44376	42872	43360	43536	1.76	cps
Barium	135-1	766173	781858	777230	775087	1.04	cps
Barium	137-1	1306744	1341673	1332726	1327048	1.37	cps
Beryllium	9-1	722	744	856	774	9.23	cps
Bismuth	209-1	19678849	19624696	19531438	19611661	0.38	cps
Bismuth	209-2	15293636	15330889	15008615	15211047	1.16	cps
Bromine	81-1	18348	18752	18602	18567	1.10	cps
Bromine	81-2	600	677	577	618	8.47	cps
Cadmium	108-1	347	310	260	306	14.24	cps
Cadmium	106-1	10234	9883	10117	10078	1.77	cps
Cadmium	111-1	9661	9525	9510	9565	0.87	cps
Calcium	43-1	164558	170165	166372	167032	1.71	cps
Calcium	44-1	2649445	2694252	2672477	2672058	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	299547	299321	299279	299382	0.05	cps
Cobalt	59-2	272144	268687	267912	269581	0.84	cps
Copper	63-2	784501	777190	769603	777098	0.96	cps
Dysprosium	156-1	34315	35408	35224	34982	1.67	cps
Dysprosium	156-2	28359	28289	28018	28222	0.64	cps
Erbium	164-1	27707	28215	28299	28074	1.14	cps
Erbium	164-2	19033	19180	18803	19005	1.00	cps
Gadolinium	160-1	31733	32504	32418	32218	1.31	cps
Gadolinium	160-2	23640	23343	23667	23550	0.76	cps
Holmium	165-1	33410806	33384592	33544341	33446580	0.26	cps
Holmium	165-2	22725497	22545028	22540072	22603532	0.47	cps
Indium	115-1	29924284	29786449	29797026	29835919	0.26	cps
Indium	115-2	9959115	10059482	9955602	9991400	0.59	cps
Iron	56-2	375457421	370330608	368532461	371440163	0.97	cps
Iron	57-2	9180895	9120126	9040389	9113804	0.77	cps
Iron	54-2	20345805	19975612	19875860	20065759	1.23	cps
Krypton	83-1	367	323	370	353	7.37	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	379296	387201	387340	384612	1.20	cps
Lead	207-1	333047	340779	341769	338532	1.41	cps
Lead	208-1	1513505	1540231	1542764	1532167	1.06	cps
Lithium	6-1	2768465	2735663	2682385	2728838	1.59	cps
Magnesium	24-2	4004803	3988367	3929874	3974348	0.99	cps
Manganese	55-2	11156472	11292483	11184438	11211131	0.64	cps
Molybdenum	94-1	40740	41656	42318	41571	1.91	cps
Molybdenum	95-1	6618	6952	6678	6749	2.63	cps
Molybdenum	96-1	16857	17324	17601	17260	2.18	cps
Molybdenum	97-1	4417	4064	4137	4206	4.43	cps
Molybdenum	98-1	10160	10664	10994	10606	3.96	cps
Neodymium	150-1	59749	61600	61269	60873	1.62	cps
Neodymium	150-2	34926	34783	34863	34858	0.21	cps
Nickel	60-2	97491	97793	97149	97478	0.33	cps
Phosphorus	31-2	10600	10957	10637	10732	1.83	cps
Potassium	39-2	2246832	2195260	2230001	2224031	1.18	cps
Rhodium	103-1	28995867	29076576	28849665	28974036	0.40	cps
Rhodium	103-2	16927854	16919152	16777283	16874763	0.50	cps
Scandium	45-1	16009636	15992188	15999938	16000587	0.05	cps
Scandium	45-2	1314649	1305450	1305590	1308563	0.40	cps
Selenium	82-1	1969	2074	2051	2032	2.72	cps
Selenium	77-2	97	140	110	116	19.21	cps
Selenium	78-2	607	643	627	626	2.93	cps
Silicon	28-1	16585647	16899736	16850914	16778766	1.01	cps
Silver	107-1	4714	4271	4201	4395	6.34	cps
Silver	109-1	4191	3917	3584	3897	7.80	cps
Sodium	23-2	120504	120420	121411	120778	0.45	cps
Strontium	86-1	152191	158199	159419	156603	2.47	cps
Strontium	88-1	1353962	1378478	1380871	1371104	1.09	cps
Sulfur	34-1	213006	213659	213213	213293	0.16	cps
Terbium	159-1	34931474	34555782	34303739	34596998	0.91	cps
Terbium	159-2	22643804	22649494	22414105	22569134	0.60	cps
Thallium	203-1	2634	2440	2374	2482	5.44	cps
Thallium	205-1	5898	5915	5991	5935	0.84	cps
Tin	118-1	16376	17371	16369	16705	3.45	cps
Titanium	47-1	817435	835171	843463	832023	1.60	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18506	19388	19261	19051	2.50	cps
Vanadium	51-2	551093	551685	548646	550474	0.29	cps
Yttrium	89-1	40408177	40667493	40935480	40670383	0.65	cps
Yttrium	89-2	10183973	10162389	10036310	10127558	0.79	cps
Zinc	66-2	141008	140049	138929	139995	0.74	cps
Zirconium	90-1	100669	104712	102316	102566	1.98	cps
Zirconium	91-1	22421	22965	22491	22625	1.31	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:29:55	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4596443	4616733	4557114	4590097	0.66	cps
Antimony	121-1	14594	14608	14454	14552	0.58	cps
Arsenic	75-2	41989	41200	41728	41639	0.97	cps
Barium	135-1	713790	715710	718500	716000	0.33	cps
Barium	137-1	1222994	1247774	1242733	1237834	1.06	cps
Beryllium	9-1	706	667	783	719	8.27	cps
Bismuth	209-1	19695394	19607776	19719640	19674270	0.30	cps
Bismuth	209-2	15244789	15453451	15315176	15337805	0.69	cps
Bromine	81-1	18238	18148	18438	18275	0.81	cps
Bromine	81-2	687	560	650	632	10.31	cps
Cadmium	108-1	263	273	277	271	2.56	cps
Cadmium	106-1	10531	10234	9637	10134	4.49	cps
Cadmium	111-1	9657	9493	9016	9388	3.55	cps
Calcium	43-1	158013	160267	159872	159384	0.76	cps
Calcium	44-1	2547528	2562035	2570991	2560185	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	289554	288075	287912	288514	0.31	cps
Cobalt	59-2	260846	261128	260280	260751	0.17	cps
Copper	63-2	734194	728918	729326	730812	0.40	cps
Dysprosium	156-1	33807	33520	33580	33636	0.45	cps
Dysprosium	156-2	27838	27814	27821	27824	0.04	cps
Erbium	164-1	27086	27290	27958	27445	1.66	cps
Erbium	164-2	18245	18185	18516	18315	0.96	cps
Gadolinium	160-1	30811	31659	30801	31090	1.59	cps
Gadolinium	160-2	22652	22662	23877	23063	3.05	cps
Holmium	165-1	33132633	33968607	34474462	33858567	2.00	cps
Holmium	165-2	23057823	22803008	22598538	22819790	1.01	cps
Indium	115-1	29509052	29649049	29715584	29624562	0.36	cps
Indium	115-2	10057201	9914177	10001819	9991066	0.72	cps
Iron	56-2	364885408	359841701	357175208	360634106	1.09	cps
Iron	57-2	8937805	8898519	8870964	8902430	0.38	cps
Iron	54-2	19633868	19658741	19648791	19647133	0.06	cps
Krypton	83-1	423	437	403	421	3.98	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:29:55	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	359469	361243	364886	361866	0.76	cps
Lead	207-1	311944	316277	321505	316575	1.51	cps
Lead	208-1	1417426	1435687	1451487	1434866	1.19	cps
Lithium	6-1	2828063	2702731	2698824	2743206	2.68	cps
Magnesium	24-2	3974951	3878459	3891785	3915065	1.34	cps
Manganese	55-2	10564662	10477805	10448445	10496971	0.58	cps
Molybdenum	94-1	39473	39934	40847	40085	1.74	cps
Molybdenum	95-1	6445	6305	6278	6343	1.41	cps
Molybdenum	96-1	16539	17107	16106	16584	3.03	cps
Molybdenum	97-1	4067	3864	3881	3937	2.87	cps
Molybdenum	98-1	9887	9827	9727	9813	0.82	cps
Neodymium	150-1	58380	58116	59250	58582	1.01	cps
Neodymium	150-2	34255	34024	33991	34090	0.42	cps
Nickel	60-2	94086	94190	93365	93880	0.48	cps
Phosphorus	31-2	10494	10500	10777	10590	1.53	cps
Potassium	39-2	2155187	2137898	2117450	2136845	0.88	cps
Rhodium	103-1	29128874	29201020	28897230	29075708	0.55	cps
Rhodium	103-2	17120850	16871342	16725315	16905835	1.18	cps
Scandium	45-1	16034791	15956284	15973311	15988129	0.26	cps
Scandium	45-2	1297723	1294314	1290305	1294114	0.29	cps
Selenium	82-1	1972	1882	2034	1963	3.89	cps
Selenium	77-2	157	160	127	148	12.42	cps
Selenium	78-2	640	583	583	602	5.43	cps
Silicon	28-1	16255401	16569263	16740046	16521570	1.49	cps
Silver	107-1	3837	3694	3814	3782	2.03	cps
Silver	109-1	3407	3424	3494	3442	1.34	cps
Sodium	23-2	120275	118307	119624	119402	0.84	cps
Strontium	86-1	149888	149900	152625	150804	1.05	cps
Strontium	88-1	1302423	1325051	1327683	1318386	1.05	cps
Sulfur	34-1	221035	217664	218138	218945	0.83	cps
Terbium	159-1	35005904	35072076	35054027	35044003	0.10	cps
Terbium	159-2	22855778	22771093	22692849	22773240	0.36	cps
Thallium	203-1	2220	2150	2254	2208	2.39	cps
Thallium	205-1	5374	5361	5394	5377	0.31	cps
Tin	118-1	15902	16239	16359	16167	1.47	cps
Titanium	47-1	804905	818446	823396	815582	1.17	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:29:55	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18256	18807	18770	18611	1.65	cps
Vanadium	51-2	542661	538049	540313	540341	0.43	cps
Yttrium	89-1	40640759	40938560	40853400	40810907	0.38	cps
Yttrium	89-2	10153000	10121325	10031289	10101871	0.63	cps
Zinc	66-2	134479	135609	136537	135542	0.76	cps
Zirconium	90-1	97987	100158	99752	99299	1.16	cps
Zirconium	91-1	22254	22651	22617	22507	0.98	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:33:03	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	922676	929887	917418	923327	0.68	cps
Antimony	121-1	2954	3144	3220	3106	4.42	cps
Arsenic	75-2	8516	8653	8296	8488	2.12	cps
Barium	135-1	153763	152452	151389	152535	0.78	cps
Barium	137-1	261676	264152	260496	262108	0.71	cps
Beryllium	9-1	178	189	183	183	3.03	cps
Bismuth	209-1	19796333	19893899	19596038	19762090	0.77	cps
Bismuth	209-2	15403481	15396447	15611269	15470399	0.79	cps
Bromine	81-1	16322	16296	16352	16324	0.17	cps
Bromine	81-2	220	270	193	228	17.09	cps
Cadmium	108-1	73	87	110	90	20.62	cps
Cadmium	106-1	10097	9653	9453	9734	3.38	cps
Cadmium	111-1	7490	7287	7054	7277	3.00	cps
Calcium	43-1	34583	34242	34429	34418	0.50	cps
Calcium	44-1	585313	586820	589978	587371	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61819	60899	61354	61357	0.75	cps
Cobalt	59-2	53849	53425	53967	53747	0.53	cps
Copper	63-2	155683	153652	152653	153996	1.00	cps
Dysprosium	156-1	6628	6908	6795	6777	2.08	cps
Dysprosium	156-2	5695	5595	5815	5701	1.93	cps
Erbium	164-1	5801	5434	5658	5631	3.28	cps
Erbium	164-2	3751	4037	3844	3877	3.77	cps
Gadolinium	160-1	6305	6452	6228	6328	1.79	cps
Gadolinium	160-2	5748	5588	5678	5671	1.42	cps
Holmium	165-1	33863095	33780931	33644099	33762708	0.33	cps
Holmium	165-2	22650771	22482216	22742273	22625086	0.58	cps
Indium	115-1	29796255	30120632	29958902	29958596	0.54	cps
Indium	115-2	10024572	10137719	10030248	10064180	0.63	cps
Iron	56-2	73124824	73601937	72319946	73015569	0.89	cps
Iron	57-2	1812618	1816012	1799560	1809397	0.48	cps
Iron	54-2	3938052	4011592	3990735	3980126	0.95	cps
Krypton	83-1	430	320	353	368	15.34	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:33:03	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	74858	76846	77459	76388	1.78	cps
Lead	207-1	67332	66502	68033	67289	1.14	cps
Lead	208-1	301627	304822	308106	304851	1.06	cps
Lithium	6-1	2806906	2729419	2724365	2753563	1.68	cps
Magnesium	24-2	778402	773234	772615	774751	0.41	cps
Manganese	55-2	2230375	2232929	2199669	2220991	0.83	cps
Molybdenum	94-1	8773	8533	8983	8763	2.57	cps
Molybdenum	95-1	1450	1343	1460	1418	4.56	cps
Molybdenum	96-1	3520	3544	3684	3583	2.47	cps
Molybdenum	97-1	863	797	950	870	8.84	cps
Molybdenum	98-1	2097	2164	2114	2125	1.63	cps
Neodymium	150-1	11675	11608	12366	11883	3.53	cps
Neodymium	150-2	7075	6752	6815	6881	2.49	cps
Nickel	60-2	19776	19449	19967	19731	1.33	cps
Phosphorus	31-2	2454	2327	2407	2396	2.67	cps
Potassium	39-2	515232	514593	515387	515070	0.08	cps
Rhodium	103-1	28983916	29110875	28974253	29023015	0.26	cps
Rhodium	103-2	17085988	17117305	16869447	17024247	0.79	cps
Scandium	45-1	16174202	15834306	15897888	15968799	1.13	cps
Scandium	45-2	1305230	1310106	1293949	1303095	0.64	cps
Selenium	82-1	1891	1953	1734	1860	6.06	cps
Selenium	77-2	23	40	40	34	27.94	cps
Selenium	78-2	563	527	640	577	10.03	cps
Silicon	28-1	4502216	4492231	4551331	4515260	0.70	cps
Silver	107-1	907	967	870	914	5.34	cps
Silver	109-1	773	757	800	777	2.81	cps
Sodium	23-2	66057	66138	65833	66010	0.24	cps
Strontium	86-1	31029	31247	31567	31281	0.87	cps
Strontium	88-1	270675	272440	273894	272336	0.59	cps
Sulfur	34-1	218445	218939	217573	218319	0.32	cps
Terbium	159-1	35027949	34762818	34705118	34831961	0.49	cps
Terbium	159-2	22642790	22976607	22665397	22761598	0.82	cps
Thallium	203-1	760	700	813	758	7.48	cps
Thallium	205-1	1923	1747	1813	1828	4.88	cps
Tin	118-1	6281	6318	6769	6456	4.20	cps
Titanium	47-1	162529	166182	166252	164988	1.29	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5A2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:33:03	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3641	3764	3741	3715	1.76	cps
Vanadium	51-2	109554	109185	107886	108875	0.80	cps
Yttrium	89-1	40394287	40792840	40341109	40509412	0.61	cps
Yttrium	89-2	9998016	10116467	9975862	10030115	0.75	cps
Zinc	66-2	29152	29549	28594	29098	1.65	cps
Zirconium	90-1	21025	21846	21703	21525	2.04	cps
Zirconium	91-1	4611	4644	4958	4737	4.04	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:36:16	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4840178	4768288	4793808	4800758	0.76	cps
Antimony	121-1	482581	485642	488784	485669	0.64	cps
Arsenic	75-2	51746	49920	50308	50658	1.90	cps
Barium	135-1	2946360	2952680	2933149	2944063	0.34	cps
Barium	137-1	5000821	5111058	5126075	5079318	1.35	cps
Beryllium	9-1	19985	20469	19885	20113	1.55	cps
Bismuth	209-1	19656580	19802763	19583738	19681027	0.57	cps
Bismuth	209-2	15268079	15033194	15217235	15172836	0.81	cps
Bromine	81-1	17888	18118	18528	18178	1.79	cps
Bromine	81-2	577	583	640	600	5.80	cps
Cadmium	108-1	4231	4357	4381	4323	1.87	cps
Cadmium	106-1	15775	15859	15582	15739	0.90	cps
Cadmium	111-1	71714	72369	72110	72064	0.46	cps
Calcium	43-1	160596	162062	162789	161816	0.69	cps
Calcium	44-1	2518891	2589943	2572599	2560477	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	661586	657308	656304	658399	0.43	cps
Cobalt	59-2	1749737	1780168	1791904	1773936	1.23	cps
Copper	63-2	1270366	1254483	1256040	1260297	0.69	cps
Dysprosium	156-1	32571	33390	33296	33086	1.35	cps
Dysprosium	156-2	27283	27267	27170	27240	0.23	cps
Erbium	164-1	26535	27230	27086	26951	1.36	cps
Erbium	164-2	18365	18896	18062	18441	2.29	cps
Gadolinium	160-1	30948	30904	30293	30715	1.19	cps
Gadolinium	160-2	23446	23102	23229	23259	0.75	cps
Holmium	165-1	33773325	33383353	33497865	33551514	0.60	cps
Holmium	165-2	22490584	22184699	22769114	22481466	1.30	cps
Indium	115-1	29719010	29616808	29351206	29562341	0.64	cps
Indium	115-2	9903962	9945283	9964308	9937851	0.31	cps
Iron	56-2	363691235	363680301	358542288	361971275	0.82	cps
Iron	57-2	8905420	8859280	8909959	8891553	0.32	cps
Iron	54-2	19684709	19517077	19821291	19674359	0.77	cps
Krypton	83-1	373	357	327	352	6.71	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:36:16	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	433400	433785	434127	433770	0.08	cps
Lead	207-1	377897	382960	383736	381531	0.83	cps
Lead	208-1	1716399	1730041	1736456	1727632	0.59	cps
Lithium	6-1	2892564	2807090	2846201	2848618	1.50	cps
Magnesium	24-2	3952048	3897758	3985530	3945112	1.12	cps
Manganese	55-2	11543071	11491471	11478007	11504183	0.30	cps
Molybdenum	94-1	39724	40730	39654	40036	1.50	cps
Molybdenum	95-1	6502	6908	6888	6766	3.39	cps
Molybdenum	96-1	17167	16750	16583	16833	1.79	cps
Molybdenum	97-1	3924	4084	4004	4004	2.00	cps
Molybdenum	98-1	10100	10190	9907	10066	1.44	cps
Neodymium	150-1	57744	58631	59545	58640	1.54	cps
Neodymium	150-2	33857	33887	34051	33932	0.31	cps
Nickel	60-2	482956	482380	483258	482865	0.09	cps
Phosphorus	31-2	11151	10971	10784	10968	1.67	cps
Potassium	39-2	2209297	2169508	2201050	2193285	0.96	cps
Rhodium	103-1	28816713	28681038	28548067	28681939	0.47	cps
Rhodium	103-2	16753159	16935364	16742561	16810361	0.64	cps
Scandium	45-1	15793455	15905609	15842574	15847213	0.35	cps
Scandium	45-2	1323954	1335812	1294878	1318215	1.60	cps
Selenium	82-1	9886	9949	9894	9910	0.35	cps
Selenium	77-2	873	880	840	864	2.48	cps
Selenium	78-2	3064	3110	3040	3071	1.16	cps
Silicon	28-1	16304222	16363097	16608312	16425210	0.98	cps
Silver	107-1	263172	266137	268237	265849	0.96	cps
Silver	109-1	252342	254986	255511	254280	0.67	cps
Sodium	23-2	117984	117070	119059	118038	0.84	cps
Strontium	86-1	149211	151221	150975	150469	0.73	cps
Strontium	88-1	1312320	1326385	1329727	1322811	0.70	cps
Sulfur	34-1	229803	223878	224417	226033	1.45	cps
Terbium	159-1	34781274	34499696	34514113	34598361	0.46	cps
Terbium	159-2	22735661	22523969	22476896	22578842	0.61	cps
Thallium	203-1	200274	199789	201366	200476	0.40	cps
Thallium	205-1	472046	473031	480528	475202	0.98	cps
Tin	118-1	15388	16049	15849	15762	2.15	cps
Titanium	47-1	810002	806590	811784	809459	0.33	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:36:16	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18637	17942	18062	18214	2.04	cps
Vanadium	51-2	1342725	1349374	1328808	1340302	0.78	cps
Yttrium	89-1	40779763	40279355	40361554	40473557	0.66	cps
Yttrium	89-2	10161460	10072842	10018459	10084254	0.72	cps
Zinc	66-2	309114	304573	307753	307147	0.76	cps
Zirconium	90-1	96856	98679	98202	97912	0.97	cps
Zirconium	91-1	21566	21643	21743	21650	0.41	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:39:20	DataFile Name :	111CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23319666	23855685	23546121	23573824	1.14	cps
Antimony	121-1	12087081	12240751	12201969	12176600	0.66	cps
Arsenic	75-2	649055	647210	651147	649137	0.30	cps
Barium	135-1	14840047	14744403	14726420	14770290	0.41	cps
Barium	137-1	25461451	25374357	25527118	25454309	0.30	cps
Beryllium	9-1	1098451	1125761	1126478	1116896	1.43	cps
Bismuth	209-1	17694258	17824853	17814572	17777894	0.41	cps
Bismuth	209-2	13688739	13525074	13628821	13614211	0.61	cps
Bromine	81-1	16029	16109	15241	15793	3.04	cps
Bromine	81-2	150	153	193	166	14.57	cps
Cadmium	108-1	237381	238672	237239	237764	0.33	cps
Cadmium	106-1	342158	341426	343272	342285	0.27	cps
Cadmium	111-1	3250740	3240789	3253085	3248205	0.20	cps
Calcium	43-1	15364877	15399971	15518152	15427667	0.52	cps
Calcium	44-1	248620283	249944396	251999456	250188045	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4815639	4779222	4830851	4808571	0.55	cps
Cobalt	59-2	8027763	8016787	8093308	8045953	0.51	cps
Copper	63-2	58962502	59094452	59433382	59163446	0.41	cps
Dysprosium	156-1	557	603	587	582	4.06	cps
Dysprosium	156-2	817	890	903	870	5.36	cps
Erbium	164-1	673	653	683	670	2.28	cps
Erbium	164-2	413	537	443	464	13.85	cps
Gadolinium	160-1	617	580	553	583	5.45	cps
Gadolinium	160-2	1357	1300	1447	1368	5.41	cps
Holmium	165-1	32675070	32771451	32385599	32610706	0.62	cps
Holmium	165-2	21892960	21640527	21673487	21735658	0.63	cps
Indium	115-1	27333738	27254438	26833089	27140422	0.99	cps
Indium	115-2	9035775	9243893	9206329	9161999	1.21	cps
Iron	56-2	1072427611	1071211077	1083295584	1075644757	0.62	cps
Iron	57-2	26868665	26905759	26905910	26893445	0.08	cps
Iron	54-2	59182327	58488816	58651947	58774364	0.62	cps
Krypton	83-1	403	377	363	381	5.34	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:39:20	DataFile Name :	111CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40909016	41112875	41230560	41084151	0.40	cps
Lead	207-1	35334136	35840408	36174772	35783105	1.18	cps
Lead	208-1	161529654	163282255	163708928	162840279	0.71	cps
Lithium	6-1	2757805	2853257	2803962	2805008	1.70	cps
Magnesium	24-2	206115124	207337730	207980497	207144450	0.46	cps
Manganese	55-2	36315591	35944065	35905198	36054951	0.63	cps
Molybdenum	94-1	44695261	45271216	44870104	44945527	0.66	cps
Molybdenum	95-1	65059702	65474092	64892797	65142197	0.46	cps
Molybdenum	96-1	71494527	72104399	71852014	71816980	0.43	cps
Molybdenum	97-1	40554310	40992184	40430878	40659124	0.73	cps
Molybdenum	98-1	104478128	105258208	104458722	104731686	0.44	cps
Neodymium	150-1	810	753	723	762	5.77	cps
Neodymium	150-2	233	250	307	263	14.60	cps
Nickel	60-2	2079792	2067178	2071134	2072701	0.31	cps
Phosphorus	31-2	232692	235255	236026	234658	0.74	cps
Potassium	39-2	122654055	122743312	123393258	122930208	0.33	cps
Rhodium	103-1	25590207	25515640	25214322	25440056	0.78	cps
Rhodium	103-2	14936550	14871738	14922110	14910133	0.23	cps
Scandium	45-1	15361207	15282631	15131266	15258368	0.77	cps
Scandium	45-2	1288453	1261792	1254224	1268156	1.42	cps
Selenium	82-1	191699	191083	191763	191515	0.20	cps
Selenium	77-2	18161	18612	18345	18373	1.23	cps
Selenium	78-2	61062	61624	61731	61472	0.59	cps
Silicon	28-1	7538313	7721548	7732280	7664047	1.42	cps
Silver	107-1	16386089	16395412	16310381	16363961	0.28	cps
Silver	109-1	15436991	15426808	15366194	15409997	0.25	cps
Sodium	23-2	327972648	320193829	327158815	325108431	1.32	cps
Strontium	86-1	4074815	4092647	4044318	4070594	0.60	cps
Strontium	88-1	35851647	36277348	35540302	35889766	1.03	cps
Sulfur	34-1	1212475	1194191	1195618	1200761	0.85	cps
Terbium	159-1	33586251	33570853	33311205	33489436	0.46	cps
Terbium	159-2	22027355	21972621	21428425	21809467	1.52	cps
Thallium	203-1	10253766	10375059	10290310	10306378	0.60	cps
Thallium	205-1	24479505	24720425	24443860	24547930	0.61	cps
Tin	118-1	10084541	10196420	10236921	10172627	0.78	cps
Titanium	47-1	15046246	14941785	15055030	15014354	0.42	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:39:20	DataFile Name :	111CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30893105	31627041	31863305	31461150	1.61	cps
Vanadium	51-2	4246032	4246325	4259439	4250599	0.18	cps
Yttrium	89-1	38329602	38041973	37872922	38081499	0.61	cps
Yttrium	89-2	9660663	9472864	9589553	9574360	0.99	cps
Zinc	66-2	9268363	9295029	9186041	9249811	0.61	cps
Zirconium	90-1	21883431	21943391	21881228	21902683	0.16	cps
Zirconium	91-1	4835057	4883141	4858344	4858847	0.49	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:42:02	DataFile Name :	112CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	403	380	347	377	7.56	cps
Antimony	121-1	4281	4524	6201	5002	20.91	cps
Arsenic	75-2	23	17	27	22	22.91	cps
Barium	135-1	1113	567	373	684	56.08	cps
Barium	137-1	1800	870	500	1057	63.39	cps
Beryllium	9-1	172	150	106	143	23.81	cps
Bismuth	209-1	20386811	19479616	19720931	19862452	2.37	cps
Bismuth	209-2	15479487	15499445	15365146	15448026	0.47	cps
Bromine	81-1	15598	15568	15788	15652	0.76	cps
Bromine	81-2	163	190	193	182	9.02	cps
Cadmium	108-1	37	47	23	36	32.93	cps
Cadmium	106-1	10317	10364	10014	10231	1.86	cps
Cadmium	111-1	7480	7422	7096	7333	2.82	cps
Calcium	43-1	1983	1370	1260	1538	25.35	cps
Calcium	44-1	70395	61194	56617	62736	11.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1677	1673	1653	1668	0.76	cps
Cobalt	59-2	363	297	337	332	10.10	cps
Copper	63-2	3227	2977	3210	3138	4.46	cps
Dysprosium	156-1	17	23	30	23	28.56	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	140	140	117	132	10.19	cps
Erbium	164-2	83	100	90	91	9.21	cps
Gadolinium	160-1	127	190	160	159	19.94	cps
Gadolinium	160-2	1137	1120	1160	1139	1.76	cps
Holmium	165-1	34280934	32941245	33506140	33576106	2.00	cps
Holmium	165-2	22602809	22566665	22493348	22554274	0.25	cps
Indium	115-1	30481460	29753531	30311981	30182324	1.26	cps
Indium	115-2	10201527	10065935	10101189	10122884	0.69	cps
Iron	56-2	34844	32822	30838	32835	6.10	cps
Iron	57-2	1763	1933	1880	1859	4.68	cps
Iron	54-2	4281	4384	4157	4274	2.66	cps
Krypton	83-1	343	323	337	334	3.04	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:42:02	DataFile Name :	112CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3827	2350	1723	2634	41.01	cps
Lead	207-1	3357	1970	1563	2297	40.94	cps
Lead	208-1	15270	9298	7001	10523	40.57	cps
Lithium	6-1	3093943	3007658	3038501	3046701	1.44	cps
Magnesium	24-2	2860	2640	2437	2646	8.00	cps
Manganese	55-2	950	907	743	867	12.58	cps
Molybdenum	94-1	4951	3270	3297	3839	25.07	cps
Molybdenum	95-1	5274	3190	2347	3604	41.81	cps
Molybdenum	96-1	6001	3640	2930	4191	38.36	cps
Molybdenum	97-1	3360	1967	1670	2332	38.69	cps
Molybdenum	98-1	8733	4871	3921	5841	43.63	cps
Neodymium	150-1	13	10	10	11	17.30	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	213	197	200	203	4.34	cps
Phosphorus	31-2	203	250	217	223	10.76	cps
Potassium	39-2	84902	84419	84945	84755	0.34	cps
Rhodium	103-1	29163035	28530960	28963057	28885684	1.12	cps
Rhodium	103-2	16827304	16891624	16844954	16854627	0.20	cps
Scandium	45-1	16316949	15936749	16085759	16113152	1.19	cps
Scandium	45-2	1319778	1298879	1308757	1309138	0.80	cps
Selenium	82-1	1785	1704	1756	1748	2.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	623	540	547	570	8.12	cps
Silicon	28-1	1412427	1409230	1426102	1415920	0.63	cps
Silver	107-1	1440	890	653	994	40.59	cps
Silver	109-1	1370	803	553	909	46.04	cps
Sodium	23-2	60813	59959	58992	59921	1.52	cps
Strontium	86-1	853	693	640	729	15.23	cps
Strontium	88-1	3107	1893	1330	2110	43.03	cps
Sulfur	34-1	273270	275953	274236	274486	0.50	cps
Terbium	159-1	35494820	33973750	34671221	34713264	2.19	cps
Terbium	159-2	22486434	22599040	22515445	22533639	0.26	cps
Thallium	203-1	2600	2160	1857	2206	16.95	cps
Thallium	205-1	5735	5091	4618	5148	10.89	cps
Tin	118-1	5048	4317	4337	4567	9.11	cps
Titanium	47-1	1337	713	533	861	48.96	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 18:42:02	DataFile Name :	112CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2267	1160	533	1320	66.49	cps
Vanadium	51-2	83	87	67	79	13.58	cps
Yttrium	89-1	40823978	39996711	40385401	40402030	1.02	cps
Yttrium	89-2	10016633	10091232	9910132	10005999	0.91	cps
Zinc	66-2	1347	1287	1360	1331	2.93	cps
Zirconium	90-1	5551	4904	5188	5214	6.22	cps
Zirconium	91-1	1180	1123	1177	1160	2.74	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:45:16	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5328396	5230674	5321955	5293675	1.03	cps
Antimony	121-1	1947655	1993929	1991745	1977776	1.32	cps
Arsenic	75-2	81576	82457	81358	81797	0.71	cps
Barium	135-1	9637730	9852529	9824320	9771527	1.19	cps
Barium	137-1	16688167	16999402	17004101	16897223	1.07	cps
Beryllium	9-1	80033	82026	81295	81118	1.24	cps
Bismuth	209-1	19309831	19463840	19457201	19410291	0.45	cps
Bismuth	209-2	15174320	15231449	15211719	15205829	0.19	cps
Bromine	81-1	18141	17854	18485	18160	1.74	cps
Bromine	81-2	637	527	593	586	9.46	cps
Cadmium	108-1	16903	17514	17477	17298	1.98	cps
Cadmium	106-1	33763	34464	33933	34053	1.07	cps
Cadmium	111-1	265089	270588	271885	269187	1.34	cps
Calcium	43-1	156797	160694	161654	159715	1.61	cps
Calcium	44-1	2510880	2565520	2596562	2557654	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1857901	1843737	1838343	1846660	0.55	cps
Cobalt	59-2	6548468	6612761	6552763	6571331	0.55	cps
Copper	63-2	3014457	3001702	2981421	2999193	0.56	cps
Dysprosium	156-1	31963	33062	32925	32650	1.83	cps
Dysprosium	156-2	27343	27654	27791	27596	0.83	cps
Erbium	164-1	25801	26519	26291	26204	1.40	cps
Erbium	164-2	18305	18302	18429	18345	0.39	cps
Gadolinium	160-1	29668	30246	29952	29955	0.96	cps
Gadolinium	160-2	22411	22939	22842	22731	1.24	cps
Holmium	165-1	33093215	33765700	33172728	33343881	1.10	cps
Holmium	165-2	22717262	23000748	22738327	22818779	0.69	cps
Indium	115-1	29812256	29759743	30023181	29865060	0.47	cps
Indium	115-2	10097896	10158283	10108224	10121467	0.32	cps
Iron	56-2	364213435	365125661	360244208	363194435	0.71	cps
Iron	57-2	9004186	9067684	8895943	8989271	0.97	cps
Iron	54-2	19939542	19959531	19547762	19815612	1.17	cps
Krypton	83-1	383	483	463	443	11.94	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:45:16	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	609634	624159	620793	618196	1.23	cps
Lead	207-1	529015	537925	550425	539122	1.99	cps
Lead	208-1	2410565	2462859	2472028	2448484	1.35	cps
Lithium	6-1	2880822	2923483	2889404	2897903	0.78	cps
Magnesium	24-2	3974743	3961417	3893906	3943355	1.10	cps
Manganese	55-2	13423945	13583574	13453707	13487075	0.63	cps
Molybdenum	94-1	39727	40289	41051	40355	1.65	cps
Molybdenum	95-1	6568	7108	7092	6923	4.44	cps
Molybdenum	96-1	16553	17300	17370	17075	2.65	cps
Molybdenum	97-1	4111	4087	4207	4135	1.54	cps
Molybdenum	98-1	10277	10981	10477	10578	3.43	cps
Neodymium	150-1	56305	57938	57835	57359	1.59	cps
Neodymium	150-2	32929	32618	33353	32966	1.12	cps
Nickel	60-2	1756398	1754574	1770438	1760470	0.49	cps
Phosphorus	31-2	10570	10821	10520	10637	1.51	cps
Potassium	39-2	2138465	2184557	2160829	2161284	1.07	cps
Rhodium	103-1	28492694	29202527	28998833	28898018	1.26	cps
Rhodium	103-2	16945821	17199539	16974682	17040014	0.82	cps
Scandium	45-1	16348452	16297721	16439669	16361947	0.44	cps
Scandium	45-2	1352030	1371252	1341631	1354971	1.11	cps
Selenium	82-1	34934	35752	35810	35499	1.38	cps
Selenium	77-2	3237	3310	3184	3244	1.96	cps
Selenium	78-2	11201	11448	11164	11271	1.37	cps
Silicon	28-1	16361137	16467499	16352937	16393858	0.39	cps
Silver	107-1	934342	951858	952764	946322	1.10	cps
Silver	109-1	891088	901674	906893	899885	0.89	cps
Sodium	23-2	126279	125849	126014	126047	0.17	cps
Strontium	86-1	146104	148577	150197	148293	1.39	cps
Strontium	88-1	1266805	1299761	1309931	1292166	1.74	cps
Sulfur	34-1	270484	267326	262583	266798	1.49	cps
Terbium	159-1	34533439	34570180	34335624	34479748	0.37	cps
Terbium	159-2	23097025	22581690	22590927	22756547	1.30	cps
Thallium	203-1	803028	815077	813645	810583	0.81	cps
Thallium	205-1	1950359	1929891	1931100	1937117	0.59	cps
Tin	118-1	15275	15822	15842	15646	2.06	cps
Titanium	47-1	795653	813748	817903	809101	1.46	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4573-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5A2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:45:16	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17141	17915	18012	17690	2.70	cps
Vanadium	51-2	3852318	3821022	3806824	3826721	0.61	cps
Yttrium	89-1	40528056	41466272	41451127	41148485	1.31	cps
Yttrium	89-2	10260511	10378815	10214947	10284758	0.82	cps
Zinc	66-2	861697	859043	858943	859894	0.18	cps
Zirconium	90-1	96722	99672	100766	99054	2.11	cps
Zirconium	91-1	21816	22434	22918	22389	2.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:48:17	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4069222	3963233	4060193	4030883	1.46	cps
Antimony	121-1	7499	7775	8189	7821	4.44	cps
Arsenic	75-2	29873	29289	29950	29704	1.22	cps
Barium	135-1	617626	631526	637603	628918	1.63	cps
Barium	137-1	1065019	1094690	1097831	1085847	1.67	cps
Beryllium	9-1	706	900	806	804	12.10	cps
Bismuth	209-1	21882006	19453663	19632604	20322758	6.66	cps
Bismuth	209-2	15263292	15099897	15149304	15170831	0.55	cps
Bromine	81-1	17664	17744	17854	17754	0.54	cps
Bromine	81-2	583	663	683	643	8.23	cps
Cadmium	108-1	303	253	250	269	11.11	cps
Cadmium	106-1	11451	10294	9863	10536	7.79	cps
Cadmium	111-1	10904	10175	10007	10362	4.60	cps
Calcium	43-1	147553	151470	152198	150407	1.66	cps
Calcium	44-1	2398143	2449973	2443530	2430548	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	227376	226591	225028	226332	0.53	cps
Cobalt	59-2	181483	182036	182225	181915	0.21	cps
Copper	63-2	643384	639019	641828	641410	0.34	cps
Dysprosium	156-1	39375	40455	39579	39803	1.44	cps
Dysprosium	156-2	33998	33687	33667	33784	0.55	cps
Erbium	164-1	31061	32561	32919	32180	3.06	cps
Erbium	164-2	22248	21947	22184	22127	0.72	cps
Gadolinium	160-1	36641	37577	38175	37464	2.06	cps
Gadolinium	160-2	28272	28132	28005	28136	0.48	cps
Holmium	165-1	37113394	33171851	34113333	34799526	5.92	cps
Holmium	165-2	22862427	22617926	22590990	22690447	0.66	cps
Indium	115-1	33614747	30089043	29960347	31221379	6.64	cps
Indium	115-2	10198445	10135474	10143180	10159033	0.34	cps
Iron	56-2	180554437	179404517	178947437	179635464	0.46	cps
Iron	57-2	4486682	4432415	4495254	4471451	0.76	cps
Iron	54-2	9667739	9781639	9746360	9731913	0.60	cps
Krypton	83-1	370	400	443	404	9.12	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:48:17	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	376094	390200	391479	385924	2.21	cps
Lead	207-1	324009	331038	333766	329604	1.53	cps
Lead	208-1	1481552	1520753	1535720	1512675	1.85	cps
Lithium	6-1	3151031	2911156	2866136	2976108	5.15	cps
Magnesium	24-2	3676290	3646607	3701105	3674667	0.74	cps
Manganese	55-2	5077617	5194638	5107673	5126643	1.19	cps
Molybdenum	94-1	40449	41418	42779	41549	2.82	cps
Molybdenum	95-1	3707	4037	3904	3883	4.28	cps
Molybdenum	96-1	12359	12636	12756	12583	1.62	cps
Molybdenum	97-1	2474	2574	2500	2516	2.06	cps
Molybdenum	98-1	6091	6461	6148	6234	3.20	cps
Neodymium	150-1	74237	77243	78209	76563	2.71	cps
Neodymium	150-2	44811	44433	45169	44804	0.82	cps
Nickel	60-2	103326	103477	103380	103394	0.07	cps
Phosphorus	31-2	13239	12682	12759	12893	2.34	cps
Potassium	39-2	1946848	1896436	1886570	1909951	1.69	cps
Rhodium	103-1	33023357	29143893	28866980	30344743	7.66	cps
Rhodium	103-2	16926399	17139096	16936013	17000503	0.71	cps
Scandium	45-1	18503749	16277934	16242071	17007918	7.62	cps
Scandium	45-2	1343522	1352089	1338694	1344768	0.50	cps
Selenium	82-1	2092	1855	1804	1917	8.03	cps
Selenium	77-2	140	123	147	137	8.80	cps
Selenium	78-2	710	670	627	669	6.23	cps
Silicon	28-1	31601467	32600097	32838636	32346733	2.03	cps
Silver	107-1	4744	4687	4554	4662	2.09	cps
Silver	109-1	4381	4394	4281	4352	1.42	cps
Sodium	23-2	106505	106005	108522	107011	1.25	cps
Strontium	86-1	92669	94511	94286	93822	1.07	cps
Strontium	88-1	797734	826181	829505	817807	2.14	cps
Sulfur	34-1	247269	237907	234654	239943	2.73	cps
Terbium	159-1	38874417	34888961	34907399	36223593	6.34	cps
Terbium	159-2	22788912	22799259	22817246	22801806	0.06	cps
Thallium	203-1	3457	3440	3344	3414	1.79	cps
Thallium	205-1	8493	7939	7732	8055	4.88	cps
Tin	118-1	20511	19640	20598	20250	2.62	cps
Titanium	47-1	602916	609749	612952	608539	0.84	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:48:17	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15783	16257	16384	16141	1.96	cps
Vanadium	51-2	341868	334403	337895	338055	1.10	cps
Yttrium	89-1	46603279	41079249	41055496	42912675	7.45	cps
Yttrium	89-2	10256599	10284394	10316232	10285741	0.29	cps
Zinc	66-2	172743	171947	173229	172640	0.37	cps
Zirconium	90-1	105190	108490	108735	107472	1.84	cps
Zirconium	91-1	23312	24354	24597	24088	2.83	cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:51:26	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3920445	3899010	3936106	3918520	0.48	cps
Antimony	121-1	8212	8196	8349	8252	1.02	cps
Arsenic	75-2	30551	30916	29797	30421	1.88	cps
Barium	135-1	632994	643628	643141	639921	0.94	cps
Barium	137-1	1086308	1102819	1109952	1099693	1.10	cps
Beryllium	9-1	889	728	783	800	10.23	cps
Bismuth	209-1	19549065	19712377	19790234	19683892	0.63	cps
Bismuth	209-2	15428768	15498218	15309411	15412132	0.62	cps
Bromine	81-1	17721	18285	18502	18169	2.22	cps
Bromine	81-2	620	660	653	644	3.33	cps
Cadmium	108-1	367	360	300	342	10.73	cps
Cadmium	106-1	10928	9950	9960	10279	5.46	cps
Cadmium	111-1	10246	9560	9689	9832	3.71	cps
Calcium	43-1	145389	146364	148330	146694	1.02	cps
Calcium	44-1	2329157	2345245	2332089	2335497	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	222565	223319	223847	223244	0.29	cps
Cobalt	59-2	186238	184078	184057	184791	0.68	cps
Copper	63-2	640351	633445	635927	636574	0.55	cps
Dysprosium	156-1	38991	39572	40184	39582	1.51	cps
Dysprosium	156-2	32959	32945	32825	32910	0.22	cps
Erbium	164-1	30533	31773	32454	31587	3.08	cps
Erbium	164-2	21714	22071	22512	22099	1.81	cps
Gadolinium	160-1	36962	37393	37978	37444	1.36	cps
Gadolinium	160-2	27828	26973	27985	27595	1.97	cps
Holmium	165-1	33814538	33958845	33939118	33904167	0.23	cps
Holmium	165-2	23122923	23111085	22907150	23047052	0.53	cps
Indium	115-1	30001589	30298886	30053407	30117961	0.53	cps
Indium	115-2	10242810	10348244	10115274	10235443	1.14	cps
Iron	56-2	179035371	178627351	178882397	178848373	0.12	cps
Iron	57-2	4399938	4428275	4330598	4386270	1.15	cps
Iron	54-2	9714809	9797735	9722522	9745022	0.47	cps
Krypton	83-1	457	440	433	443	2.71	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:51:26	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	377118	382779	382743	380880	0.86	cps
Lead	207-1	323932	328361	332209	328167	1.26	cps
Lead	208-1	1482689	1497867	1506630	1495729	0.81	cps
Lithium	6-1	2900972	2898559	2806451	2868661	1.88	cps
Magnesium	24-2	3598576	3569765	3642534	3603625	1.02	cps
Manganese	55-2	5227001	5076332	5148842	5150725	1.46	cps
Molybdenum	94-1	42756	43762	44701	43740	2.22	cps
Molybdenum	95-1	3874	3634	3877	3795	3.68	cps
Molybdenum	96-1	12606	13203	13156	12988	2.56	cps
Molybdenum	97-1	2374	2337	2360	2357	0.79	cps
Molybdenum	98-1	5788	6121	6091	6000	3.07	cps
Neodymium	150-1	75430	76674	75568	75891	0.90	cps
Neodymium	150-2	44249	44798	44306	44451	0.68	cps
Nickel	60-2	101681	102269	102054	102001	0.29	cps
Phosphorus	31-2	12105	12472	12055	12211	1.86	cps
Potassium	39-2	1836369	1859455	1906721	1867515	1.92	cps
Rhodium	103-1	29043852	29193756	29108626	29115412	0.26	cps
Rhodium	103-2	17129622	17425764	17330021	17295136	0.87	cps
Scandium	45-1	16264564	16116576	16101385	16160842	0.56	cps
Scandium	45-2	1337323	1345015	1354653	1345664	0.65	cps
Selenium	82-1	1925	1927	1952	1935	0.78	cps
Selenium	77-2	163	160	123	149	14.91	cps
Selenium	78-2	650	690	613	651	5.89	cps
Silicon	28-1	31042123	30448407	30744630	30745053	0.97	cps
Silver	107-1	4181	4164	4257	4201	1.19	cps
Silver	109-1	3821	3841	3821	3827	0.30	cps
Sodium	23-2	103109	104656	104122	103962	0.76	cps
Strontium	86-1	90409	92917	91985	91770	1.38	cps
Strontium	88-1	795828	809815	809544	805062	0.99	cps
Sulfur	34-1	227052	223463	222322	224279	1.10	cps
Terbium	159-1	35152607	35133549	35167178	35151111	0.05	cps
Terbium	159-2	22758269	22926116	22954300	22879562	0.46	cps
Thallium	203-1	3067	3190	3004	3087	3.08	cps
Thallium	205-1	7192	7032	7019	7081	1.36	cps
Tin	118-1	17861	18268	17918	18016	1.22	cps
Titanium	47-1	593743	605749	608911	602801	1.33	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:51:26	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15706	16470	16207	16128	2.41	cps
Vanadium	51-2	334866	335827	336887	335860	0.30	cps
Yttrium	89-1	40967965	41334829	41569725	41290840	0.73	cps
Yttrium	89-2	10432824	10238275	10364013	10345037	0.95	cps
Zinc	66-2	167814	168438	169423	168558	0.48	cps
Zirconium	90-1	113518	115133	116773	115141	1.41	cps
Zirconium	91-1	24911	25646	25426	25328	1.49	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:54:36	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	770923	768850	773078	770950	0.27	cps
Antimony	121-1	1580	1707	1667	1651	3.92	cps
Arsenic	75-2	5798	5644	6165	5869	4.55	cps
Barium	135-1	124513	125117	123862	124497	0.50	cps
Barium	137-1	215607	217224	215008	215946	0.53	cps
Beryllium	9-1	156	228	189	191	18.95	cps
Bismuth	209-1	19538555	20443606	19953776	19978646	2.27	cps
Bismuth	209-2	15463919	15793873	15652580	15636791	1.06	cps
Bromine	81-1	16930	16836	16426	16731	1.60	cps
Bromine	81-2	300	270	227	266	13.88	cps
Cadmium	108-1	63	63	87	71	18.95	cps
Cadmium	106-1	9530	9987	9390	9636	3.24	cps
Cadmium	111-1	7343	7520	7132	7332	2.65	cps
Calcium	43-1	30568	30694	30755	30672	0.31	cps
Calcium	44-1	528497	536352	537720	534190	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45963	46511	45993	46156	0.67	cps
Cobalt	59-2	36030	36678	36521	36410	0.93	cps
Copper	63-2	130372	129760	129838	129990	0.26	cps
Dysprosium	156-1	7746	7959	8262	7989	3.25	cps
Dysprosium	156-2	6288	6942	6738	6656	5.03	cps
Erbium	164-1	6325	6645	6562	6510	2.55	cps
Erbium	164-2	4474	4291	4511	4425	2.66	cps
Gadolinium	160-1	7419	7392	7319	7376	0.70	cps
Gadolinium	160-2	6311	6098	6652	6354	4.39	cps
Holmium	165-1	33689219	35176974	33754798	34206997	2.46	cps
Holmium	165-2	23201462	23273083	22960735	23145094	0.71	cps
Indium	115-1	29757934	31951941	30450544	30720140	3.65	cps
Indium	115-2	10306483	10246906	10206996	10253462	0.49	cps
Iron	56-2	35446134	35647594	35556032	35549920	0.28	cps
Iron	57-2	903301	903145	899009	901818	0.27	cps
Iron	54-2	1899952	1943927	1931838	1925239	1.18	cps
Krypton	83-1	343	347	400	363	8.75	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:54:36	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	76487	77060	77955	77167	0.96	cps
Lead	207-1	66472	67872	66622	66988	1.15	cps
Lead	208-1	301564	306463	306395	304807	0.92	cps
Lithium	6-1	2863896	2977897	2896589	2912794	2.02	cps
Magnesium	24-2	703278	695211	695870	698120	0.64	cps
Manganese	55-2	1002697	1006659	1006376	1005244	0.22	cps
Molybdenum	94-1	9597	9173	8879	9217	3.92	cps
Molybdenum	95-1	1284	910	977	1057	18.85	cps
Molybdenum	96-1	3491	2724	2790	3002	14.17	cps
Molybdenum	97-1	727	550	590	622	14.89	cps
Molybdenum	98-1	1914	1390	1393	1566	19.25	cps
Neodymium	150-1	15198	14925	14965	15029	0.98	cps
Neodymium	150-2	9050	8950	8683	8894	2.13	cps
Nickel	60-2	20938	20785	20020	20581	2.39	cps
Phosphorus	31-2	2797	2584	2844	2741	5.06	cps
Potassium	39-2	453370	449070	452504	451648	0.50	cps
Rhodium	103-1	29457248	30654200	29751267	29954238	2.08	cps
Rhodium	103-2	17253349	17238752	17170677	17220926	0.26	cps
Scandium	45-1	16138746	17166799	16275944	16527163	3.38	cps
Scandium	45-2	1332901	1332247	1345552	1336900	0.56	cps
Selenium	82-1	1947	1998	1936	1960	1.69	cps
Selenium	77-2	30	13	30	24	39.37	cps
Selenium	78-2	590	557	590	579	3.33	cps
Silicon	28-1	7555351	7573696	7551391	7560146	0.16	cps
Silver	107-1	1063	933	917	971	8.27	cps
Silver	109-1	843	880	923	882	4.54	cps
Sodium	23-2	65240	63785	64702	64576	1.14	cps
Strontium	86-1	19099	18919	19573	19197	1.76	cps
Strontium	88-1	161764	163059	163990	162938	0.69	cps
Sulfur	34-1	208123	209932	210059	209371	0.52	cps
Terbium	159-1	34759418	36776876	35023589	35519961	3.09	cps
Terbium	159-2	22973903	22871287	22816158	22887116	0.35	cps
Thallium	203-1	1003	1087	870	987	11.08	cps
Thallium	205-1	2267	2270	2360	2299	2.30	cps
Tin	118-1	6792	6678	6648	6706	1.13	cps
Titanium	47-1	119544	120502	121553	120533	0.83	cps

Reviewed By:mohan
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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 18:54:36	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3357	3270	3234	3287	1.93	cps
Vanadium	51-2	65906	65779	65997	65894	0.17	cps
Yttrium	89-1	40967576	43130593	41268872	41789014	2.80	cps
Yttrium	89-2	10431829	10168666	10188408	10262967	1.43	cps
Zinc	66-2	35298	35038	35075	35137	0.40	cps
Zirconium	90-1	22895	22340	22504	22580	1.26	cps
Zirconium	91-1	4934	5121	5044	5033	1.86	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:57:49	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4155070	4043348	4153299	4117239	1.55	cps
Antimony	121-1	487187	493977	491703	490956	0.70	cps
Arsenic	75-2	39322	39793	39308	39475	0.70	cps
Barium	135-1	2769277	2831646	2822765	2807896	1.20	cps
Barium	137-1	4785857	4820238	4836065	4814053	0.53	cps
Beryllium	9-1	19830	19891	19724	19815	0.43	cps
Bismuth	209-1	19382486	19585944	19611168	19526533	0.64	cps
Bismuth	209-2	15617304	15495408	15327476	15480063	0.94	cps
Bromine	81-1	18402	18268	18545	18405	0.75	cps
Bromine	81-2	593	750	697	680	11.71	cps
Cadmium	108-1	4577	4484	4651	4571	1.83	cps
Cadmium	106-1	15769	15435	15819	15674	1.33	cps
Cadmium	111-1	74389	73853	75411	74551	1.06	cps
Calcium	43-1	147636	149410	149289	148778	0.67	cps
Calcium	44-1	2409300	2422984	2382568	2404951	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	586776	589067	592045	589296	0.45	cps
Cobalt	59-2	1688373	1681558	1672363	1680765	0.48	cps
Copper	63-2	1155174	1167374	1160423	1160990	0.53	cps
Dysprosium	156-1	40375	40308	40381	40354	0.10	cps
Dysprosium	156-2	33470	34058	33179	33569	1.33	cps
Erbium	164-1	31756	31622	31846	31742	0.35	cps
Erbium	164-2	22124	22191	21513	21943	1.70	cps
Gadolinium	160-1	36036	37006	37727	36923	2.30	cps
Gadolinium	160-2	27454	28198	27958	27870	1.36	cps
Holmium	165-1	33074553	33746295	33921159	33580669	1.33	cps
Holmium	165-2	22714345	23041981	22757790	22838039	0.78	cps
Indium	115-1	29796804	29865901	29791573	29818093	0.14	cps
Indium	115-2	10222036	10185797	10142284	10183372	0.39	cps
Iron	56-2	179346937	179519091	179417637	179427888	0.05	cps
Iron	57-2	4453714	4377336	4432983	4421344	0.89	cps
Iron	54-2	9876782	9797445	9761589	9811939	0.60	cps
Krypton	83-1	380	463	510	451	14.60	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:57:49	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	447088	449106	448546	448247	0.23	cps
Lead	207-1	385767	389137	389576	388160	0.54	cps
Lead	208-1	1759432	1777216	1777636	1771428	0.59	cps
Lithium	6-1	2884458	2882683	2905604	2890915	0.44	cps
Magnesium	24-2	3619215	3671553	3617835	3636201	0.84	cps
Manganese	55-2	5846251	5798272	5782733	5809086	0.57	cps
Molybdenum	94-1	40820	42257	41338	41472	1.76	cps
Molybdenum	95-1	3851	4161	3941	3984	4.00	cps
Molybdenum	96-1	12058	12552	12482	12364	2.16	cps
Molybdenum	97-1	2317	2504	2390	2404	3.91	cps
Molybdenum	98-1	5861	5965	6251	6026	3.35	cps
Neodymium	150-1	76928	77300	77106	77112	0.24	cps
Neodymium	150-2	44176	44156	45226	44519	1.37	cps
Nickel	60-2	490385	491269	489911	490522	0.14	cps
Phosphorus	31-2	12712	12265	12579	12519	1.83	cps
Potassium	39-2	1864422	1868484	1859509	1864138	0.24	cps
Rhodium	103-1	28629352	28990760	29010781	28876964	0.74	cps
Rhodium	103-2	17227891	17413272	16910906	17184023	1.48	cps
Scandium	45-1	16232486	16131964	16219495	16194648	0.34	cps
Scandium	45-2	1358852	1335753	1336751	1343786	0.97	cps
Selenium	82-1	9491	9308	9444	9414	1.01	cps
Selenium	77-2	893	850	887	877	2.66	cps
Selenium	78-2	3090	3154	3120	3121	1.02	cps
Silicon	28-1	32086126	32446621	32064834	32199194	0.67	cps
Silver	107-1	256953	260074	258354	258460	0.60	cps
Silver	109-1	245556	245705	245458	245573	0.05	cps
Sodium	23-2	101774	102448	101159	101794	0.63	cps
Strontium	86-1	91619	92387	93575	92527	1.06	cps
Strontium	88-1	799975	810851	812591	807806	0.85	cps
Sulfur	34-1	218854	215612	212831	215766	1.40	cps
Terbium	159-1	34888754	34916620	35103039	34969471	0.33	cps
Terbium	159-2	23126710	22936931	22979424	23014355	0.43	cps
Thallium	203-1	202313	207786	206500	205533	1.39	cps
Thallium	205-1	481099	493711	488791	487867	1.30	cps
Tin	118-1	18045	18455	18459	18320	1.30	cps
Titanium	47-1	600189	605523	605920	603877	0.53	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 18:57:49	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16033	15916	15976	15975	0.37	cps
Vanadium	51-2	1111222	1103983	1105844	1107016	0.34	cps
Yttrium	89-1	41136628	41212714	41439635	41262992	0.38	cps
Yttrium	89-2	10312466	10354802	10187674	10284981	0.84	cps
Zinc	66-2	343122	341407	342659	342396	0.26	cps
Zirconium	90-1	105623	106613	107657	106631	0.95	cps
Zirconium	91-1	23629	23980	23783	23797	0.74	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:00:55	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4557318	4500449	4487090	4514952	0.83	cps
Antimony	121-1	1965050	1985137	1985033	1978407	0.58	cps
Arsenic	75-2	68654	68092	67536	68094	0.82	cps
Barium	135-1	9828853	9984618	10007557	9940343	0.98	cps
Barium	137-1	16936628	17047786	17187558	17057324	0.74	cps
Beryllium	9-1	81032	80234	81658	80975	0.88	cps
Bismuth	209-1	19276490	19505090	19496556	19426045	0.67	cps
Bismuth	209-2	15591497	15359672	15476136	15475768	0.75	cps
Bromine	81-1	18725	18592	18615	18644	0.38	cps
Bromine	81-2	683	620	543	616	11.39	cps
Cadmium	108-1	17023	17851	17818	17564	2.67	cps
Cadmium	106-1	33732	33970	32874	33525	1.72	cps
Cadmium	111-1	265428	270715	268149	268097	0.99	cps
Calcium	43-1	146166	148324	148067	147519	0.80	cps
Calcium	44-1	2329076	2307329	2375490	2337298	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1802700	1818825	1793101	1804875	0.72	cps
Cobalt	59-2	6533262	6476012	6614242	6541172	1.06	cps
Copper	63-2	2926657	2914373	2874211	2905080	0.94	cps
Dysprosium	156-1	39011	39622	39318	39317	0.78	cps
Dysprosium	156-2	33380	32431	32818	32876	1.45	cps
Erbium	164-1	30513	31686	31295	31165	1.92	cps
Erbium	164-2	21143	21176	21423	21247	0.72	cps
Gadolinium	160-1	36594	37580	36277	36817	1.85	cps
Gadolinium	160-2	26702	27220	27140	27021	1.03	cps
Holmium	165-1	32615362	33836520	33898969	33450283	2.16	cps
Holmium	165-2	23084721	23027055	22931149	23014309	0.34	cps
Indium	115-1	28977064	29786980	30052238	29605427	1.89	cps
Indium	115-2	10224029	10121464	10107736	10151077	0.63	cps
Iron	56-2	183831737	181832804	182605897	182756813	0.55	cps
Iron	57-2	4519942	4502047	4527624	4516538	0.29	cps
Iron	54-2	10065636	10146143	9828252	10013344	1.65	cps
Krypton	83-1	503	453	453	470	6.14	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:00:55	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	637861	642833	650603	643766	1.00	cps
Lead	207-1	545971	554022	556034	552009	0.96	cps
Lead	208-1	2493590	2537823	2548896	2526770	1.16	cps
Lithium	6-1	2829037	2790553	2858116	2825902	1.20	cps
Magnesium	24-2	3589480	3503021	3566486	3552996	1.26	cps
Manganese	55-2	8015120	8001903	7775676	7930900	1.70	cps
Molybdenum	94-1	41662	42000	42525	42062	1.03	cps
Molybdenum	95-1	4037	4161	4167	4122	1.78	cps
Molybdenum	96-1	13019	12452	13016	12829	2.55	cps
Molybdenum	97-1	2420	2420	2427	2422	0.16	cps
Molybdenum	98-1	6532	6365	6638	6512	2.12	cps
Neodymium	150-1	75407	75839	76188	75811	0.52	cps
Neodymium	150-2	44393	44296	42507	43732	2.43	cps
Nickel	60-2	1796344	1773853	1789719	1786638	0.65	cps
Phosphorus	31-2	12352	12062	12288	12234	1.25	cps
Potassium	39-2	1831462	1831961	1801040	1821488	0.97	cps
Rhodium	103-1	28241203	28909105	28931266	28693858	1.37	cps
Rhodium	103-2	17238506	17251524	17258385	17249472	0.06	cps
Scandium	45-1	15704340	16000680	16129469	15944830	1.37	cps
Scandium	45-2	1346471	1344318	1330926	1340572	0.63	cps
Selenium	82-1	35127	35668	36000	35598	1.24	cps
Selenium	77-2	3334	3364	3257	3318	1.66	cps
Selenium	78-2	11515	11221	11094	11277	1.91	cps
Silicon	28-1	30893566	31048097	31240850	31060838	0.56	cps
Silver	107-1	1080619	1096660	1095820	1091033	0.83	cps
Silver	109-1	1022835	1037936	1055761	1038844	1.59	cps
Sodium	23-2	100878	101330	102575	101594	0.87	cps
Strontium	86-1	90617	91046	92475	91379	1.06	cps
Strontium	88-1	785915	804251	805178	798448	1.36	cps
Sulfur	34-1	209672	207529	207620	208273	0.58	cps
Terbium	159-1	33764009	34817608	34750742	34444119	1.71	cps
Terbium	159-2	23184299	23044580	23051734	23093538	0.34	cps
Thallium	203-1	806428	820164	824851	817148	1.17	cps
Thallium	205-1	1929580	1946555	1943143	1939759	0.46	cps
Tin	118-1	18679	18916	19043	18879	0.98	cps
Titanium	47-1	584422	594182	595218	591274	1.01	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4587-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:00:55	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15329	16056	16043	15809	2.63	cps
Vanadium	51-2	3662165	3676949	3623923	3654345	0.75	cps
Yttrium	89-1	40322264	40902432	41407178	40877291	1.33	cps
Yttrium	89-2	10380918	10357248	10533342	10423836	0.92	cps
Zinc	66-2	904851	898602	901505	901653	0.35	cps
Zirconium	90-1	106311	108792	110125	108410	1.79	cps
Zirconium	91-1	23926	23916	24404	24082	1.16	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:12:43	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3628434	3616723	3633105	3626088	0.23	cps
Antimony	121-1	14227	14357	14297	14294	0.46	cps
Arsenic	75-2	25071	24771	24550	24797	1.05	cps
Barium	135-1	479696	479683	484466	481282	0.57	cps
Barium	137-1	821886	829547	837394	829609	0.93	cps
Beryllium	9-1	483	639	550	557	14.00	cps
Bismuth	209-1	18778730	19031055	18864455	18891413	0.68	cps
Bismuth	209-2	15250513	15205809	15115214	15190512	0.45	cps
Bromine	81-1	17143	17621	17878	17547	2.12	cps
Bromine	81-2	513	467	503	494	4.97	cps
Cadmium	108-1	283	217	187	229	21.62	cps
Cadmium	106-1	8599	8960	8536	8698	2.63	cps
Cadmium	111-1	7848	7983	8055	7962	1.32	cps
Calcium	43-1	127050	128233	128737	128006	0.68	cps
Calcium	44-1	2044341	2087391	2079786	2070506	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161559	161727	159281	160856	0.85	cps
Cobalt	59-2	137671	136645	137469	137262	0.40	cps
Copper	63-2	610915	613439	611242	611866	0.22	cps
Dysprosium	156-1	33360	33276	33015	33217	0.54	cps
Dysprosium	156-2	28509	28145	28295	28316	0.65	cps
Erbium	164-1	24184	23977	24445	24202	0.97	cps
Erbium	164-2	17241	17357	16814	17137	1.67	cps
Gadolinium	160-1	30567	31379	31753	31233	1.94	cps
Gadolinium	160-2	23784	23864	24004	23884	0.47	cps
Holmium	165-1	32392841	32661860	32928799	32661166	0.82	cps
Holmium	165-2	22489803	22870700	22581496	22647333	0.88	cps
Indium	115-1	29349351	29391470	29248236	29329686	0.25	cps
Indium	115-2	10160948	10202470	10033814	10132411	0.87	cps
Iron	56-2	159768114	159466591	157797184	159010630	0.67	cps
Iron	57-2	3932251	3919861	3872586	3908233	0.81	cps
Iron	54-2	8779894	8721872	8565710	8689158	1.27	cps
Krypton	83-1	417	433	390	413	5.29	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:12:43	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	219429	221219	224790	221812	1.23	cps
Lead	207-1	190103	191818	194228	192050	1.08	cps
Lead	208-1	865248	874009	885078	874778	1.14	cps
Lithium	6-1	2785629	2782404	2739689	2769241	0.93	cps
Magnesium	24-2	2767553	2728254	2698883	2731563	1.26	cps
Manganese	55-2	3199607	3210936	3155745	3188762	0.91	cps
Molybdenum	94-1	33548	34397	34507	34151	1.54	cps
Molybdenum	95-1	3784	3991	3994	3923	3.07	cps
Molybdenum	96-1	11194	11335	11631	11387	1.96	cps
Molybdenum	97-1	2497	2600	2640	2579	2.87	cps
Molybdenum	98-1	5961	6245	6298	6168	2.94	cps
Neodymium	150-1	63325	65538	64189	64351	1.73	cps
Neodymium	150-2	38162	37704	37878	37914	0.61	cps
Nickel	60-2	56272	55877	55379	55842	0.80	cps
Phosphorus	31-2	12008	11554	11408	11657	2.69	cps
Potassium	39-2	1988391	2003265	1975583	1989080	0.70	cps
Rhodium	103-1	29075590	29015323	28802380	28964431	0.50	cps
Rhodium	103-2	16939645	17037511	17164554	17047237	0.66	cps
Scandium	45-1	16420316	16737509	16503461	16553762	0.99	cps
Scandium	45-2	1327464	1358154	1320870	1335496	1.49	cps
Selenium	82-1	1793	1667	1925	1795	7.19	cps
Selenium	77-2	143	133	143	140	4.12	cps
Selenium	78-2	710	660	660	677	4.27	cps
Silicon	28-1	15830150	15617464	15740719	15729444	0.68	cps
Silver	107-1	3190	3207	3134	3177	1.21	cps
Silver	109-1	2840	2950	3017	2936	3.04	cps
Sodium	23-2	104766	105149	103766	104561	0.68	cps
Strontium	86-1	105991	106807	107146	106648	0.56	cps
Strontium	88-1	927418	940255	945788	937820	1.00	cps
Sulfur	34-1	233278	225405	219091	225925	3.15	cps
Terbium	159-1	33472875	33682109	33538517	33564500	0.32	cps
Terbium	159-2	22638377	22374992	22750607	22587992	0.85	cps
Thallium	203-1	2184	1997	1947	2042	6.11	cps
Thallium	205-1	4928	4811	4684	4808	2.53	cps
Tin	118-1	15131	16099	16009	15746	3.39	cps
Titanium	47-1	552333	552865	558220	554473	0.59	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:12:43	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12940	12823	12693	12818	0.96	cps
Vanadium	51-2	243532	240287	241775	241865	0.67	cps
Yttrium	89-1	40469955	40733368	41121632	40774985	0.80	cps
Yttrium	89-2	10265516	10243948	10190315	10233260	0.38	cps
Zinc	66-2	119466	119520	118405	119130	0.53	cps
Zirconium	90-1	85758	86858	87217	86611	0.88	cps
Zirconium	91-1	19032	19129	19513	19225	1.32	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:15:52	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3543717	3593627	3632724	3590022	1.24	cps
Antimony	121-1	14935	15502	15338	15258	1.91	cps
Arsenic	75-2	25098	24991	25589	25226	1.26	cps
Barium	135-1	495146	498504	500756	498136	0.57	cps
Barium	137-1	858217	856652	859601	858156	0.17	cps
Beryllium	9-1	550	500	544	532	5.16	cps
Bismuth	209-1	18842539	19111118	19349187	19100948	1.33	cps
Bismuth	209-2	15038793	15230097	15236631	15168507	0.74	cps
Bromine	81-1	17627	17604	17651	17627	0.13	cps
Bromine	81-2	600	450	487	512	15.27	cps
Cadmium	108-1	247	280	253	260	6.79	cps
Cadmium	106-1	9547	9503	9837	9629	1.88	cps
Cadmium	111-1	8533	8503	8702	8579	1.25	cps
Calcium	43-1	129534	130374	129195	129701	0.47	cps
Calcium	44-1	2057687	2081380	2079935	2073001	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165076	164550	165763	165130	0.37	cps
Cobalt	59-2	138848	137214	138250	138104	0.60	cps
Copper	63-2	608576	611269	609114	609653	0.23	cps
Dysprosium	156-1	34967	35114	34432	34838	1.03	cps
Dysprosium	156-2	28429	28419	28563	28470	0.28	cps
Erbium	164-1	24655	25427	25594	25225	1.98	cps
Erbium	164-2	17254	16964	17371	17196	1.22	cps
Gadolinium	160-1	31669	32367	32247	32094	1.16	cps
Gadolinium	160-2	24882	24345	23984	24404	1.85	cps
Holmium	165-1	32707665	33090755	33023196	32940539	0.62	cps
Holmium	165-2	22639410	22545466	22514070	22566315	0.29	cps
Indium	115-1	29279533	29455608	29838578	29524573	0.97	cps
Indium	115-2	10127399	10118469	10131725	10125864	0.07	cps
Iron	56-2	160581761	158169818	159519391	159423657	0.76	cps
Iron	57-2	3919447	3963180	4003186	3961938	1.06	cps
Iron	54-2	8707434	8786238	8664777	8719483	0.71	cps
Krypton	83-1	400	433	333	389	13.09	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:15:52	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	226173	231624	232519	230106	1.49	cps
Lead	207-1	199094	198728	198650	198824	0.12	cps
Lead	208-1	899137	908973	912287	906799	0.75	cps
Lithium	6-1	2727622	2773606	2791549	2764259	1.19	cps
Magnesium	24-2	2698441	2711102	2710048	2706530	0.26	cps
Manganese	55-2	3231226	3219355	3270677	3240419	0.83	cps
Molybdenum	94-1	35770	35897	35894	35854	0.20	cps
Molybdenum	95-1	4114	4187	4007	4103	2.21	cps
Molybdenum	96-1	11331	11314	11605	11417	1.43	cps
Molybdenum	97-1	2447	2677	2434	2519	5.43	cps
Molybdenum	98-1	6411	6502	6378	6430	0.99	cps
Neodymium	150-1	65957	67139	67203	66766	1.05	cps
Neodymium	150-2	39408	38111	38890	38803	1.68	cps
Nickel	60-2	57891	58915	58474	58427	0.88	cps
Phosphorus	31-2	11461	11418	11825	11568	1.93	cps
Potassium	39-2	1971048	1997542	2007571	1992054	0.95	cps
Rhodium	103-1	28219501	28972882	28749499	28647294	1.35	cps
Rhodium	103-2	16998298	17038423	16894063	16976928	0.44	cps
Scandium	45-1	15951379	16424716	16291976	16222690	1.51	cps
Scandium	45-2	1353504	1360937	1356181	1356874	0.28	cps
Selenium	82-1	1795	1822	1913	1843	3.33	cps
Selenium	77-2	163	117	177	152	20.70	cps
Selenium	78-2	713	653	663	677	4.75	cps
Silicon	28-1	15421617	15241729	15159604	15274317	0.88	cps
Silver	107-1	3000	3230	3200	3144	3.98	cps
Silver	109-1	3017	2960	2930	2969	1.48	cps
Sodium	23-2	99908	99710	100438	100019	0.38	cps
Strontium	86-1	110304	111314	110461	110693	0.49	cps
Strontium	88-1	956203	971107	970123	965811	0.86	cps
Sulfur	34-1	211152	209546	209614	210104	0.43	cps
Terbium	159-1	33744295	34191584	34129469	34021783	0.71	cps
Terbium	159-2	22590477	22461498	22461948	22504641	0.33	cps
Thallium	203-1	1930	1833	2000	1921	4.36	cps
Thallium	205-1	4401	4504	4267	4391	2.70	cps
Tin	118-1	15538	15926	16296	15920	2.38	cps
Titanium	47-1	560992	566262	563272	563509	0.47	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:15:52	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13167	13117	13480	13254	1.49	cps
Vanadium	51-2	241130	240487	242445	241354	0.41	cps
Yttrium	89-1	40513602	41413909	40880294	40935935	1.11	cps
Yttrium	89-2	10234281	10232863	10267016	10244720	0.19	cps
Zinc	66-2	119994	119517	118969	119493	0.43	cps
Zirconium	90-1	88746	89722	91365	89944	1.47	cps
Zirconium	91-1	19997	19854	20054	19968	0.52	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE543L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 19:19:02	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	689247	700190	693996	694477	0.79	cps
Antimony	121-1	2830	2770	3000	2867	4.16	cps
Arsenic	75-2	4837	4781	5071	4896	3.14	cps
Barium	135-1	93317	95625	95444	94795	1.35	cps
Barium	137-1	161192	163765	166290	163749	1.56	cps
Beryllium	9-1	133	100	100	111	17.32	cps
Bismuth	209-1	19288416	19227436	19314368	19276740	0.23	cps
Bismuth	209-2	15270721	15410307	15495886	15392305	0.74	cps
Bromine	81-1	16466	16206	15829	16167	1.98	cps
Bromine	81-2	183	223	200	202	9.94	cps
Cadmium	108-1	57	73	87	72	20.81	cps
Cadmium	106-1	9790	9306	9343	9480	2.84	cps
Cadmium	111-1	7170	6900	6879	6983	2.32	cps
Calcium	43-1	25485	26420	25658	25854	1.92	cps
Calcium	44-1	444637	455037	455783	451819	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32919	33597	32849	33122	1.25	cps
Cobalt	59-2	27869	27726	27525	27707	0.62	cps
Copper	63-2	122869	123564	124244	123559	0.56	cps
Dysprosium	156-1	6301	6702	6615	6539	3.22	cps
Dysprosium	156-2	5354	5655	5791	5600	3.99	cps
Erbium	164-1	4641	4828	4778	4749	2.04	cps
Erbium	164-2	3317	3467	3360	3382	2.28	cps
Gadolinium	160-1	5928	6168	6318	6138	3.21	cps
Gadolinium	160-2	5638	5351	5695	5561	3.31	cps
Holmium	165-1	32826010	33528328	33607440	33320593	1.29	cps
Holmium	165-2	22799900	22976901	22850723	22875842	0.40	cps
Indium	115-1	29629556	30089414	29822187	29847052	0.77	cps
Indium	115-2	10311341	10457881	10292519	10353914	0.87	cps
Iron	56-2	31380155	31417065	31173349	31323523	0.42	cps
Iron	57-2	795143	794662	802268	797358	0.53	cps
Iron	54-2	1728176	1732198	1703198	1721191	0.91	cps
Krypton	83-1	433	420	350	401	11.16	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE543L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 19:19:02	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	43841	44011	44222	44024	0.43	cps
Lead	207-1	37187	39109	39320	38539	3.05	cps
Lead	208-1	171748	175676	176051	174492	1.37	cps
Lithium	6-1	2708878	2734040	2741345	2728088	0.62	cps
Magnesium	24-2	517886	515472	517333	516897	0.24	cps
Manganese	55-2	620605	627367	627873	625282	0.65	cps
Molybdenum	94-1	7185	7519	7425	7376	2.33	cps
Molybdenum	95-1	980	810	790	860	12.14	cps
Molybdenum	96-1	2297	2340	2510	2382	4.73	cps
Molybdenum	97-1	507	567	563	546	6.18	cps
Molybdenum	98-1	1227	1293	1273	1265	2.71	cps
Neodymium	150-1	12259	12369	12742	12457	2.04	cps
Neodymium	150-2	7605	7142	7299	7349	3.21	cps
Nickel	60-2	11488	11264	11371	11374	0.98	cps
Phosphorus	31-2	2417	2414	2350	2394	1.57	cps
Potassium	39-2	469613	464880	467409	467301	0.51	cps
Rhodium	103-1	29473158	29518075	29557535	29516256	0.14	cps
Rhodium	103-2	17355671	17428940	17308054	17364222	0.35	cps
Scandium	45-1	16414402	16172576	16437203	16341394	0.90	cps
Scandium	45-2	1350868	1346793	1353155	1350272	0.24	cps
Selenium	82-1	1742	1937	1947	1875	6.15	cps
Selenium	77-2	30	30	20	27	21.65	cps
Selenium	78-2	630	640	580	617	5.21	cps
Silicon	28-1	4209086	4256414	4292357	4252619	0.98	cps
Silver	107-1	687	737	757	727	4.96	cps
Silver	109-1	607	623	643	624	2.94	cps
Sodium	23-2	63370	62958	63175	63168	0.33	cps
Strontium	86-1	21125	21476	21626	21409	1.20	cps
Strontium	88-1	181679	185257	188752	185229	1.91	cps
Sulfur	34-1	202864	201335	204137	202779	0.69	cps
Terbium	159-1	34058869	34468882	34111105	34212952	0.65	cps
Terbium	159-2	22635541	22980475	22779955	22798657	0.76	cps
Thallium	203-1	823	740	720	761	7.20	cps
Thallium	205-1	1667	1593	1703	1655	3.39	cps
Tin	118-1	5895	6068	5938	5967	1.51	cps
Titanium	47-1	106257	108445	109596	108099	1.57	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE543L	Dilution Factor :	20
Date & Time Acquired :	2024-11-12 19:19:02	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2637	2434	2610	2560	4.32	cps
Vanadium	51-2	48474	48090	47484	48016	1.04	cps
Yttrium	89-1	40856727	41479496	41191972	41176065	0.76	cps
Yttrium	89-2	10285910	10461939	10371283	10373044	0.85	cps
Zinc	66-2	24824	24106	25038	24656	1.98	cps
Zirconium	90-1	17914	18725	18936	18525	2.91	cps
Zirconium	91-1	4224	4264	4034	4174	2.94	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:22:15	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2700763	2693232	2700803	2698266	0.16	cps
Antimony	121-1	339988	347563	348255	345269	1.33	cps
Arsenic	75-2	25108	24390	24861	24786	1.47	cps
Barium	135-1	1855307	1858323	1890163	1867931	1.03	cps
Barium	137-1	3203573	3185996	3307674	3232414	2.03	cps
Beryllium	9-1	13406	13706	14068	13727	2.41	cps
Bismuth	209-1	19607984	19535933	19249956	19464624	0.97	cps
Bismuth	209-2	15753851	15572350	15613474	15646558	0.61	cps
Bromine	81-1	17594	17220	17784	17533	1.64	cps
Bromine	81-2	347	373	377	366	4.50	cps
Cadmium	108-1	3000	3037	3107	3048	1.78	cps
Cadmium	106-1	13867	14024	13106	13665	3.59	cps
Cadmium	111-1	50500	50875	51033	50802	0.54	cps
Calcium	43-1	91587	91262	91751	91533	0.27	cps
Calcium	44-1	1483106	1499023	1470409	1484179	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	378290	376548	379638	378158	0.41	cps
Cobalt	59-2	1160271	1147298	1151362	1152977	0.58	cps
Copper	63-2	825794	815753	818533	820027	0.63	cps
Dysprosium	156-1	24221	24348	24445	24338	0.46	cps
Dysprosium	156-2	20412	20508	20205	20375	0.76	cps
Erbium	164-1	18135	17918	17404	17819	2.11	cps
Erbium	164-2	12069	12242	12095	12135	0.77	cps
Gadolinium	160-1	22695	23036	23283	23005	1.28	cps
Gadolinium	160-2	17765	17408	17898	17690	1.43	cps
Holmium	165-1	33800166	33745170	32701965	33415767	1.85	cps
Holmium	165-2	23051837	23048025	23228532	23109465	0.45	cps
Indium	115-1	30426927	30616220	29849457	30297535	1.32	cps
Indium	115-2	10520744	10469322	10216618	10402228	1.56	cps
Iron	56-2	117559302	115800268	115993345	116450972	0.83	cps
Iron	57-2	2954080	2905670	2857184	2905645	1.67	cps
Iron	54-2	6308359	6337507	6313729	6319865	0.25	cps
Krypton	83-1	390	400	473	421	10.81	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:22:15	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	209167	209097	207861	208708	0.35	cps
Lead	207-1	177733	181438	181674	180282	1.23	cps
Lead	208-1	815478	822657	827318	821818	0.73	cps
Lithium	6-1	2787491	2721995	2695220	2734902	1.74	cps
Magnesium	24-2	1915787	1949360	1929112	1931420	0.88	cps
Manganese	55-2	2833297	2786123	2781248	2800223	1.03	cps
Molybdenum	94-1	24334	24491	24487	24437	0.37	cps
Molybdenum	95-1	3084	2874	2924	2960	3.71	cps
Molybdenum	96-1	8352	8249	8222	8275	0.83	cps
Molybdenum	97-1	1930	1857	1617	1801	9.10	cps
Molybdenum	98-1	4677	4801	4621	4700	1.96	cps
Neodymium	150-1	46654	47102	46657	46804	0.55	cps
Neodymium	150-2	27828	27360	27610	27599	0.85	cps
Nickel	60-2	324761	323019	321433	323071	0.52	cps
Phosphorus	31-2	8396	8639	8653	8562	1.69	cps
Potassium	39-2	1474906	1478946	1471294	1475049	0.26	cps
Rhodium	103-1	29318730	29678120	29052992	29349947	1.07	cps
Rhodium	103-2	17647287	17459503	17093743	17400178	1.62	cps
Scandium	45-1	16729563	16714287	16206154	16550001	1.80	cps
Scandium	45-2	1364190	1363226	1368176	1365197	0.19	cps
Selenium	82-1	7679	7682	7547	7636	1.01	cps
Selenium	77-2	650	570	693	638	9.81	cps
Selenium	78-2	2454	2500	2400	2451	2.04	cps
Silicon	28-1	10851341	10833596	10969010	10884649	0.68	cps
Silver	107-1	180403	183926	185026	183118	1.32	cps
Silver	109-1	172679	175259	176274	174737	1.06	cps
Sodium	23-2	85948	86457	86615	86340	0.40	cps
Strontium	86-1	79322	77955	79134	78804	0.94	cps
Strontium	88-1	675726	681627	682229	679861	0.53	cps
Sulfur	34-1	213517	209333	208799	210549	1.23	cps
Terbium	159-1	34886613	34837980	34245474	34656689	1.03	cps
Terbium	159-2	23256572	22927730	22882873	23022392	0.89	cps
Thallium	203-1	132511	134297	135220	134009	1.03	cps
Thallium	205-1	315482	314424	314705	314870	0.17	cps
Tin	118-1	12459	12459	12842	12587	1.76	cps
Titanium	47-1	391113	394246	397969	394443	0.87	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543S	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:22:15	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9233	9397	9343	9324	0.89	cps
Vanadium	51-2	727943	724140	724737	725607	0.28	cps
Yttrium	89-1	41666528	41630171	41024994	41440564	0.87	cps
Yttrium	89-2	10574031	10448490	10370680	10464400	0.98	cps
Zinc	66-2	217696	217802	219201	218233	0.39	cps
Zirconium	90-1	62238	62576	61431	62082	0.95	cps
Zirconium	91-1	13396	13777	13723	13632	1.51	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:25:21	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3121164	3131908	3167097	3140057	0.77	cps
Antimony	121-1	1415794	1423058	1425191	1421348	0.35	cps
Arsenic	75-2	47994	46703	48432	47710	1.88	cps
Barium	135-1	7097476	7039916	7151627	7096339	0.79	cps
Barium	137-1	12116464	12272100	12247171	12211912	0.68	cps
Beryllium	9-1	59419	58800	59001	59073	0.53	cps
Bismuth	209-1	19533123	19527837	19746717	19602559	0.64	cps
Bismuth	209-2	15769897	15717576	15683736	15723736	0.28	cps
Bromine	81-1	17571	17751	18318	17880	2.18	cps
Bromine	81-2	420	467	403	430	7.64	cps
Cadmium	108-1	12636	12682	12699	12672	0.26	cps
Cadmium	106-1	27529	26925	27159	27204	1.12	cps
Cadmium	111-1	196722	197306	196110	196713	0.30	cps
Calcium	43-1	92664	93033	93740	93146	0.59	cps
Calcium	44-1	1495256	1503473	1486763	1495164	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1250636	1264180	1257531	1257449	0.54	cps
Cobalt	59-2	4796430	4714726	4770051	4760403	0.88	cps
Copper	63-2	2115760	2157957	2109959	2127892	1.23	cps
Dysprosium	156-1	24936	25199	24999	25045	0.55	cps
Dysprosium	156-2	20976	21426	21780	21394	1.88	cps
Erbium	164-1	18209	18492	18469	18390	0.86	cps
Erbium	164-2	12442	12629	12619	12564	0.84	cps
Gadolinium	160-1	24194	23567	22952	23571	2.64	cps
Gadolinium	160-2	17574	18309	17441	17775	2.63	cps
Holmium	165-1	33828150	33831866	33886350	33848789	0.10	cps
Holmium	165-2	23386545	23247519	23313171	23315745	0.30	cps
Indium	115-1	30471788	30620810	30459357	30517318	0.29	cps
Indium	115-2	10451582	10457366	10536147	10481698	0.45	cps
Iron	56-2	121114728	121599962	121849808	121521499	0.31	cps
Iron	57-2	2993273	2996555	3051742	3013857	1.09	cps
Iron	54-2	6685779	6705358	6652493	6681210	0.40	cps
Krypton	83-1	427	367	430	408	8.74	cps

Reviewed By:mohan
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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:25:21	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	351152	358737	360431	356773	1.39	cps
Lead	207-1	305626	307650	307620	306965	0.38	cps
Lead	208-1	1384970	1408441	1412449	1401953	1.06	cps
Lithium	6-1	2842662	2836937	2784839	2821480	1.13	cps
Magnesium	24-2	2001998	1972068	1998823	1990963	0.83	cps
Manganese	55-2	4417368	4438231	4420835	4425478	0.25	cps
Molybdenum	94-1	25005	24938	25532	25158	1.29	cps
Molybdenum	95-1	3100	2930	3040	3024	2.85	cps
Molybdenum	96-1	8349	8563	8126	8346	2.62	cps
Molybdenum	97-1	1887	1863	1957	1902	2.55	cps
Molybdenum	98-1	4968	5061	4998	5009	0.95	cps
Neodymium	150-1	47730	48085	47978	47931	0.38	cps
Neodymium	150-2	28021	27701	27580	27767	0.82	cps
Nickel	60-2	1252858	1252254	1252172	1252428	0.03	cps
Phosphorus	31-2	8112	8436	8232	8260	1.98	cps
Potassium	39-2	1449425	1467126	1454462	1457004	0.63	cps
Rhodium	103-1	29560394	29827975	29775814	29721394	0.48	cps
Rhodium	103-2	17509348	17558650	17533753	17533917	0.14	cps
Scandium	45-1	16481333	16692594	16692594	16622173	0.73	cps
Scandium	45-2	1356943	1359188	1368152	1361428	0.44	cps
Selenium	82-1	27355	27385	27656	27465	0.60	cps
Selenium	77-2	2594	2504	2577	2558	1.87	cps
Selenium	78-2	8903	8432	8633	8656	2.73	cps
Silicon	28-1	10913708	10978609	11088304	10993540	0.80	cps
Silver	107-1	791137	796627	799741	795835	0.55	cps
Silver	109-1	749841	756944	758236	755007	0.60	cps
Sodium	23-2	89676	88794	88422	88964	0.72	cps
Strontium	86-1	78431	79530	80834	79598	1.51	cps
Strontium	88-1	686299	699229	696436	693988	0.98	cps
Sulfur	34-1	211043	208482	210952	210159	0.69	cps
Terbium	159-1	35004834	35444289	35146467	35198530	0.64	cps
Terbium	159-2	23453205	23269716	23241945	23321622	0.49	cps
Thallium	203-1	581294	581921	590197	584471	0.85	cps
Thallium	205-1	1362910	1380441	1389519	1377623	0.98	cps
Tin	118-1	12702	12649	12989	12780	1.43	cps
Titanium	47-1	397443	403061	407425	402643	1.24	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE543SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 19:25:21	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9407	9920	10177	9835	3.99	cps
Vanadium	51-2	2660452	2630767	2649990	2647069	0.57	cps
Yttrium	89-1	41880717	42012963	42156435	42016705	0.33	cps
Yttrium	89-2	10587007	10471052	10543987	10534015	0.56	cps
Zinc	66-2	634901	632802	630999	632901	0.31	cps
Zirconium	90-1	62894	63828	64173	63631	1.04	cps
Zirconium	91-1	14380	14127	14134	14214	1.02	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01A	Instrumnet Name :	P7
Client Sample ID :	MYE543ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:28:21	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14326776	14260388	14141312	14242825	0.66	cps
Antimony	121-1	58461	60118	59710	59430	1.45	cps
Arsenic	75-2	100917	100290	99142	100116	0.90	cps
Barium	135-1	2009988	2036181	2004398	2016856	0.84	cps
Barium	137-1	3423991	3477627	3495407	3465675	1.07	cps
Beryllium	9-1	2167	2478	2228	2291	7.20	cps
Bismuth	209-1	20101915	20243645	20169200	20171587	0.35	cps
Bismuth	209-2	15583235	15667919	15508186	15586447	0.51	cps
Bromine	81-1	22234	23516	23656	23135	3.39	cps
Bromine	81-2	1560	1640	1470	1557	5.46	cps
Cadmium	108-1	770	893	950	871	10.57	cps
Cadmium	106-1	11892	11571	11755	11739	1.37	cps
Cadmium	111-1	15784	15564	15682	15677	0.70	cps
Calcium	43-1	500520	508370	510876	506588	1.07	cps
Calcium	44-1	7968018	8007353	8005948	7993773	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	639966	633339	633588	635631	0.59	cps
Cobalt	59-2	550047	549422	550983	550151	0.14	cps
Copper	63-2	2518639	2462935	2511042	2497539	1.21	cps
Dysprosium	156-1	135847	140185	138906	138313	1.61	cps
Dysprosium	156-2	114324	116108	113820	114751	1.05	cps
Erbium	164-1	99578	102613	102365	101519	1.66	cps
Erbium	164-2	69947	68835	68738	69173	0.97	cps
Gadolinium	160-1	128244	133054	134226	131842	2.40	cps
Gadolinium	160-2	94757	95338	94452	94849	0.47	cps
Holmium	165-1	35327818	34796073	34474082	34865991	1.24	cps
Holmium	165-2	23162269	23547495	23094271	23268012	1.05	cps
Indium	115-1	31107122	30696613	30654722	30819485	0.81	cps
Indium	115-2	10293967	10230736	10258855	10261186	0.31	cps
Iron	56-2	638514990	640041244	639427884	639328039	0.12	cps
Iron	57-2	15903903	15726151	15685103	15771719	0.74	cps
Iron	54-2	35038031	34741439	34602635	34794035	0.64	cps
Krypton	83-1	517	483	497	499	3.36	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01A	Instrumnet Name :	P7
Client Sample ID :	MYE543ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:28:21	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3282644	3348611	3289871	3307042	1.09	cps
Lead	207-1	2895874	2918591	2939432	2917966	0.75	cps
Lead	208-1	12995580	13209996	13231651	13145742	0.99	cps
Lithium	6-1	2914511	2730966	2671466	2772314	4.57	cps
Magnesium	24-2	10887066	10861729	10833440	10860745	0.25	cps
Manganese	55-2	12803163	12738391	12793381	12778311	0.27	cps
Molybdenum	94-1	136711	139723	141200	139211	1.64	cps
Molybdenum	95-1	15745	16032	15819	15865	0.94	cps
Molybdenum	96-1	44467	46199	46236	45634	2.21	cps
Molybdenum	97-1	9707	10120	10210	10012	2.68	cps
Molybdenum	98-1	24664	25395	25279	25113	1.56	cps
Neodymium	150-1	263599	269798	269646	267681	1.32	cps
Neodymium	150-2	153745	153788	154385	153973	0.23	cps
Nickel	60-2	224536	223133	223778	223816	0.31	cps
Phosphorus	31-2	45845	44762	44685	45097	1.44	cps
Potassium	39-2	7689268	7620190	7616424	7641961	0.54	cps
Rhodium	103-1	30401766	29486619	29395755	29761380	1.87	cps
Rhodium	103-2	17321424	17185538	17394096	17300352	0.61	cps
Scandium	45-1	17242181	16990251	16920938	17051123	0.99	cps
Scandium	45-2	1380901	1378899	1398319	1386040	0.77	cps
Selenium	82-1	2312	2321	2275	2303	1.05	cps
Selenium	77-2	543	607	540	563	6.67	cps
Selenium	78-2	923	973	917	938	3.30	cps
Silicon	28-1	61667616	58506456	58971057	59715043	2.86	cps
Silver	107-1	13186	12669	12819	12891	2.06	cps
Silver	109-1	12719	12225	11962	12302	3.12	cps
Sodium	23-2	240954	237658	239780	239464	0.70	cps
Strontium	86-1	429254	440985	438333	436191	1.41	cps
Strontium	88-1	3782729	3975960	3922481	3893723	2.56	cps
Sulfur	34-1	233166	227214	225796	228725	1.71	cps
Terbium	159-1	36519687	36229698	35828826	36192737	0.96	cps
Terbium	159-2	23347059	23129620	23398582	23291754	0.61	cps
Thallium	203-1	6522	6838	6695	6685	2.37	cps
Thallium	205-1	16277	15713	15659	15883	2.15	cps
Tin	118-1	53399	54566	55449	54471	1.89	cps
Titanium	47-1	2215252	2277138	2253024	2248471	1.39	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-01A	Instrumnet Name :	P7
Client Sample ID :	MYE543ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:28:21	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52011	54019	55231	53754	3.03	cps
Vanadium	51-2	970031	967821	963514	967122	0.34	cps
Yttrium	89-1	43891851	43729253	43163866	43594990	0.88	cps
Yttrium	89-2	10745952	10616433	10773274	10711887	0.78	cps
Zinc	66-2	474533	475868	477926	476109	0.36	cps
Zirconium	90-1	345151	352670	356425	351415	1.63	cps
Zirconium	91-1	77381	79504	78743	78543	1.37	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-05	Instrumnet Name :	P7
Client Sample ID :	MYE577	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:31:23	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24405990	24719555	24740653	24622066	0.76	cps
Antimony	121-1	91076	92837	93330	92414	1.28	cps
Arsenic	75-2	245516	247562	244994	246024	0.55	cps
Barium	135-1	4107338	4160697	4171107	4146380	0.83	cps
Barium	137-1	7093533	7107259	7151184	7117326	0.42	cps
Beryllium	9-1	3851	4001	3989	3947	2.12	cps
Bismuth	209-1	19738850	19978833	19677267	19798317	0.80	cps
Bismuth	209-2	15399069	15375239	15272928	15349079	0.44	cps
Bromine	81-1	24577	24510	24958	24682	0.98	cps
Bromine	81-2	1860	1920	1917	1899	1.78	cps
Cadmium	108-1	1687	1790	1997	1825	8.65	cps
Cadmium	106-1	14738	14581	14190	14503	1.94	cps
Cadmium	111-1	23066	23281	22672	23006	1.34	cps
Calcium	43-1	724575	730395	730802	728591	0.48	cps
Calcium	44-1	11557269	11538723	11401900	11499297	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1315356	1284052	1294812	1298073	1.23	cps
Cobalt	59-2	1197973	1187950	1181612	1189178	0.69	cps
Copper	63-2	3702687	3705405	3692024	3700039	0.19	cps
Dysprosium	156-1	259170	259541	260126	259612	0.19	cps
Dysprosium	156-2	215614	214525	215042	215060	0.25	cps
Erbium	164-1	191764	195399	193277	193480	0.94	cps
Erbium	164-2	129570	127737	130526	129278	1.10	cps
Gadolinium	160-1	232672	233926	234824	233807	0.46	cps
Gadolinium	160-2	164813	166108	163560	164827	0.77	cps
Holmium	165-1	34877948	34871184	35464632	35071254	0.97	cps
Holmium	165-2	23252265	23241685	22826798	23106916	1.05	cps
Indium	115-1	30852697	30406881	30599921	30619833	0.73	cps
Indium	115-2	10053900	10169639	10253421	10158987	0.99	cps
Iron	56-2	1221299768	1239532675	1234934942	1231922462	0.77	cps
Iron	57-2	31179619	30896891	30608179	30894896	0.92	cps
Iron	54-2	66959699	67141617	66735551	66945622	0.30	cps
Krypton	83-1	690	620	627	646	5.98	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-05	Instrumnet Name :	P7
Client Sample ID :	MYE577	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:31:23	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1696943	1732790	1745252	1724995	1.45	cps
Lead	207-1	1462729	1484395	1490434	1479186	0.98	cps
Lead	208-1	6661838	6794092	6794713	6750214	1.13	cps
Lithium	6-1	2664853	2649648	2614530	2643010	0.98	cps
Magnesium	24-2	20737919	21398513	20766326	20967586	1.78	cps
Manganese	55-2	26189110	26213161	26361570	26254614	0.36	cps
Molybdenum	94-1	422942	430296	430414	427884	1.00	cps
Molybdenum	95-1	24667	24764	24981	24804	0.65	cps
Molybdenum	96-1	108086	109351	109485	108974	0.71	cps
Molybdenum	97-1	15365	15075	15271	15237	0.97	cps
Molybdenum	98-1	38357	39056	38394	38602	1.02	cps
Neodymium	150-1	499520	508533	503989	504014	0.89	cps
Neodymium	150-2	287291	285789	284962	286014	0.41	cps
Nickel	60-2	618459	621198	618451	619369	0.26	cps
Phosphorus	31-2	69935	68854	69765	69518	0.84	cps
Potassium	39-2	9713359	9641987	9614048	9656465	0.53	cps
Rhodium	103-1	29634560	29358505	29303695	29432253	0.60	cps
Rhodium	103-2	17197223	16993946	17091426	17094198	0.59	cps
Scandium	45-1	17356857	17223290	17140944	17240364	0.63	cps
Scandium	45-2	1413207	1399730	1398855	1403931	0.57	cps
Selenium	82-1	2451	2489	2459	2466	0.81	cps
Selenium	77-2	897	950	830	892	6.74	cps
Selenium	78-2	1230	1237	1187	1218	2.23	cps
Silicon	28-1	63952551	65769942	63980746	64567746	1.61	cps
Silver	107-1	16159	16226	16479	16288	1.04	cps
Silver	109-1	14704	15048	15729	15160	3.44	cps
Sodium	23-2	238870	241674	240879	240474	0.60	cps
Strontium	86-1	882163	894656	894088	890302	0.79	cps
Strontium	88-1	7873044	7904095	7964183	7913774	0.59	cps
Sulfur	34-1	241079	240185	243127	241464	0.62	cps
Terbium	159-1	36918736	36346414	36259739	36508296	0.98	cps
Terbium	159-2	23350082	23618442	23152566	23373697	1.00	cps
Thallium	203-1	14588	14651	14778	14672	0.66	cps
Thallium	205-1	35088	34784	34875	34916	0.45	cps
Tin	118-1	68893	69299	69603	69265	0.51	cps
Titanium	47-1	4388439	4403754	4381440	4391211	0.26	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-05	Instrumnet Name :	P7
Client Sample ID :	MYE577	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:31:23	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	116454	117328	119053	117612	1.12	cps
Vanadium	51-2	2343089	2331573	2315675	2330112	0.59	cps
Yttrium	89-1	45000463	44513639	44325463	44613188	0.78	cps
Yttrium	89-2	11027814	10921492	10941038	10963448	0.52	cps
Zinc	66-2	641241	640016	631558	637605	0.83	cps
Zirconium	90-1	1111931	1131158	1135005	1126032	1.10	cps
Zirconium	91-1	247820	255728	251462	251670	1.57	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-06	Instrumnet Name :	P7
Client Sample ID :	MYE578	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:34:25	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20225685	20281451	20054616	20187250	0.59	cps
Antimony	121-1	70532	73101	72438	72024	1.85	cps
Arsenic	75-2	205130	205040	203434	204535	0.47	cps
Barium	135-1	3963070	4065789	4018382	4015747	1.28	cps
Barium	137-1	6813491	6921167	6836541	6857066	0.83	cps
Beryllium	9-1	3889	3751	3534	3725	4.81	cps
Bismuth	209-1	19837041	20247162	19822701	19968968	1.21	cps
Bismuth	209-2	15261169	15374011	15262084	15299088	0.42	cps
Bromine	81-1	21760	22407	22440	22202	1.73	cps
Bromine	81-2	1470	1573	1660	1568	6.07	cps
Cadmium	108-1	1770	1773	1793	1779	0.71	cps
Cadmium	106-1	14010	13420	13600	13677	2.21	cps
Cadmium	111-1	21771	20855	21527	21384	2.22	cps
Calcium	43-1	720366	732047	721446	724620	0.89	cps
Calcium	44-1	11283570	11389311	11540749	11404543	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1177867	1162312	1169561	1169913	0.67	cps
Cobalt	59-2	910208	910160	909196	909855	0.06	cps
Copper	63-2	2602797	2692670	2639719	2645062	1.71	cps
Dysprosium	156-1	222543	224124	226116	224261	0.80	cps
Dysprosium	156-2	184613	186747	184201	185187	0.74	cps
Erbium	164-1	166493	170032	170894	169140	1.38	cps
Erbium	164-2	112602	113584	113513	113233	0.48	cps
Gadolinium	160-1	201336	204491	205231	203686	1.02	cps
Gadolinium	160-2	143870	143843	144267	143993	0.16	cps
Holmium	165-1	34161259	34821941	34996254	34659818	1.27	cps
Holmium	165-2	23047853	23174298	23062817	23094989	0.30	cps
Indium	115-1	29723167	30279606	30351451	30118075	1.14	cps
Indium	115-2	9938138	10013827	10018511	9990159	0.45	cps
Iron	56-2	1003737025	1005445292	1003733798	1004305372	0.10	cps
Iron	57-2	25013113	24661213	24690054	24788127	0.79	cps
Iron	54-2	54801413	53946468	54192023	54313301	0.81	cps
Krypton	83-1	633	677	603	638	5.78	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-06	Instrumnet Name :	P7
Client Sample ID :	MYE578	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:34:25	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1387401	1387475	1412903	1395926	1.05	cps
Lead	207-1	1180795	1203990	1212586	1199124	1.37	cps
Lead	208-1	5432412	5560439	5563151	5518667	1.35	cps
Lithium	6-1	2580494	2606803	2623339	2603545	0.83	cps
Magnesium	24-2	16234798	16417969	16376132	16342966	0.59	cps
Manganese	55-2	24446662	24431419	24221705	24366595	0.52	cps
Molybdenum	94-1	381519	385960	387952	385144	0.86	cps
Molybdenum	95-1	26220	26521	26861	26534	1.21	cps
Molybdenum	96-1	100143	101661	100271	100691	0.84	cps
Molybdenum	97-1	16339	16653	16933	16642	1.79	cps
Molybdenum	98-1	41278	42682	41419	41793	1.85	cps
Neodymium	150-1	437662	446096	444828	442862	1.03	cps
Neodymium	150-2	251433	251104	253078	251872	0.42	cps
Nickel	60-2	502367	505780	501340	503162	0.46	cps
Phosphorus	31-2	63146	62129	61305	62193	1.48	cps
Potassium	39-2	8020889	7820877	7889185	7910317	1.29	cps
Rhodium	103-1	28977725	29300116	28851315	29043052	0.80	cps
Rhodium	103-2	16923416	16964260	16889044	16925573	0.22	cps
Scandium	45-1	16753499	16637281	16815202	16735327	0.54	cps
Scandium	45-2	1403106	1355502	1396236	1384948	1.86	cps
Selenium	82-1	2347	2193	2233	2258	3.55	cps
Selenium	77-2	757	820	787	788	4.02	cps
Selenium	78-2	1277	1147	1280	1235	6.16	cps
Silicon	28-1	66098526	67105186	65604082	66269265	1.15	cps
Silver	107-1	13900	14734	14514	14383	3.01	cps
Silver	109-1	13386	13560	13640	13529	0.96	cps
Sodium	23-2	249252	244851	244742	246282	1.04	cps
Strontium	86-1	888491	901901	906830	899074	1.06	cps
Strontium	88-1	7954554	8047588	8030578	8010907	0.62	cps
Sulfur	34-1	254055	253445	251158	252886	0.60	cps
Terbium	159-1	35702834	35557348	35659247	35639809	0.21	cps
Terbium	159-2	23126373	23049612	22941588	23039191	0.40	cps
Thallium	203-1	14177	13997	14478	14218	1.71	cps
Thallium	205-1	33164	33073	33899	33379	1.36	cps
Tin	118-1	77681	79967	80014	79221	1.68	cps
Titanium	47-1	3686018	3673649	3707709	3689125	0.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-06	Instrumnet Name :	P7
Client Sample ID :	MYE578	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:34:25	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	140554	143049	142265	141956	0.90	cps
Vanadium	51-2	1815991	1785288	1800025	1800435	0.85	cps
Yttrium	89-1	43470328	43811806	44089233	43790455	0.71	cps
Yttrium	89-2	10757918	10748593	10729308	10745273	0.14	cps
Zinc	66-2	583160	588242	582443	584615	0.54	cps
Zirconium	90-1	999591	1012449	1016457	1009499	0.87	cps
Zirconium	91-1	222462	224203	226228	224298	0.84	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE554	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 19:37:28	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9372153	9100460	9230879	9234497	1.47	cps
Antimony	121-1	22237	22825	22738	22600	1.40	cps
Arsenic	75-2	61580	61373	61396	61450	0.18	cps
Barium	135-1	1106949	1124386	1124458	1118598	0.90	cps
Barium	137-1	1928190	1971608	1954938	1951579	1.12	cps
Beryllium	9-1	1467	1395	1467	1443	2.89	cps
Bismuth	209-1	20011591	19718412	19709588	19813197	0.87	cps
Bismuth	209-2	15295363	15338485	15241793	15291880	0.32	cps
Bromine	81-1	21810	22861	22224	22298	2.38	cps
Bromine	81-2	1437	1370	1363	1390	2.92	cps
Cadmium	108-1	353	410	403	389	7.96	cps
Cadmium	106-1	11224	10938	10054	10739	5.68	cps
Cadmium	111-1	10267	9903	9229	9799	5.37	cps
Calcium	43-1	293210	299621	296913	296581	1.09	cps
Calcium	44-1	4658950	4756356	4731001	4715436	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	380543	379073	375997	378538	0.61	cps
Cobalt	59-2	338273	336122	336557	336984	0.34	cps
Copper	63-2	907921	909519	913913	910451	0.34	cps
Dysprosium	156-1	85069	87930	88315	87105	2.04	cps
Dysprosium	156-2	70033	70653	71337	70674	0.92	cps
Erbium	164-1	65704	67090	67384	66726	1.35	cps
Erbium	164-2	44548	45785	44868	45067	1.42	cps
Gadolinium	160-1	79752	83094	82279	81709	2.13	cps
Gadolinium	160-2	59245	59271	59188	59234	0.07	cps
Holmium	165-1	34150050	34283338	34351770	34261719	0.30	cps
Holmium	165-2	22937783	22520647	22788653	22749028	0.93	cps
Indium	115-1	30110025	29923220	30120614	30051286	0.37	cps
Indium	115-2	10023883	10057492	9919113	10000162	0.72	cps
Iron	56-2	378935568	382591808	375577461	379034945	0.93	cps
Iron	57-2	9366483	9301267	9352820	9340190	0.37	cps
Iron	54-2	20570030	20457971	20575978	20534659	0.32	cps
Krypton	83-1	483	480	503	489	2.58	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE554	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 19:37:28	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	344487	351192	353763	349814	1.37	cps
Lead	207-1	294632	299861	297660	297384	0.88	cps
Lead	208-1	1351859	1373453	1375042	1366785	0.95	cps
Lithium	6-1	2710361	2713055	2614086	2679167	2.10	cps
Magnesium	24-2	6332711	6270704	6346076	6316497	0.64	cps
Manganese	55-2	6630749	6660511	6625487	6638916	0.28	cps
Molybdenum	94-1	78204	81347	80406	79986	2.02	cps
Molybdenum	95-1	6495	6935	7042	6824	4.25	cps
Molybdenum	96-1	23743	24711	24587	24347	2.16	cps
Molybdenum	97-1	4244	4201	4437	4294	2.94	cps
Molybdenum	98-1	10811	11051	11441	11101	2.87	cps
Neodymium	150-1	163523	168838	167202	166521	1.63	cps
Neodymium	150-2	94249	94011	93890	94050	0.19	cps
Nickel	60-2	157386	158683	158403	158157	0.43	cps
Phosphorus	31-2	22520	22457	23017	22665	1.36	cps
Potassium	39-2	3993708	3970750	3941272	3968577	0.66	cps
Rhodium	103-1	29415963	29039657	28916127	29123916	0.89	cps
Rhodium	103-2	16942593	16976436	16790354	16903128	0.59	cps
Scandium	45-1	16442318	15963081	16198544	16201314	1.48	cps
Scandium	45-2	1365909	1336114	1348000	1350008	1.11	cps
Selenium	82-1	1782	1816	1694	1764	3.57	cps
Selenium	77-2	337	303	257	299	13.44	cps
Selenium	78-2	803	677	857	779	11.87	cps
Silicon	28-1	36013879	35658927	35850388	35841065	0.50	cps
Silver	107-1	3834	4011	3817	3887	2.76	cps
Silver	109-1	3887	3627	3801	3772	3.51	cps
Sodium	23-2	164619	165610	166610	165613	0.60	cps
Strontium	86-1	307661	311947	309163	309590	0.70	cps
Strontium	88-1	2728269	2811708	2792115	2777364	1.57	cps
Sulfur	34-1	218827	215788	209823	214813	2.13	cps
Terbium	159-1	35897357	35276534	35757830	35643907	0.91	cps
Terbium	159-2	23095203	22955333	23215338	23088625	0.56	cps
Thallium	203-1	4031	3984	3977	3997	0.73	cps
Thallium	205-1	9704	9273	9330	9436	2.48	cps
Tin	118-1	28622	28899	29918	29146	2.34	cps
Titanium	47-1	1322410	1324254	1329678	1325447	0.29	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4571-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE554	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 19:37:28	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39615	39756	40404	39925	1.05	cps
Vanadium	51-2	660451	660408	661665	660841	0.11	cps
Yttrium	89-1	42481515	42038259	41942371	42154049	0.68	cps
Yttrium	89-2	10153244	10289643	10366278	10269722	1.05	cps
Zinc	66-2	199403	198977	198603	198994	0.20	cps
Zirconium	90-1	205586	208805	210862	208418	1.28	cps
Zirconium	91-1	46318	46169	46400	46296	0.25	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BL	Instrumnet Name :	P7
Client Sample ID :	PBW829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:41:28	DataFile Name :	128CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393	317	283	331	17.03	cps
Antimony	121-1	47	87	70	68	29.64	cps
Arsenic	75-2	10	7	17	11	45.82	cps
Barium	135-1	173	197	203	191	8.24	cps
Barium	137-1	243	210	257	237	10.16	cps
Beryllium	9-1	28	44	33	35	24.12	cps
Bismuth	209-1	19199195	19557577	19355264	19370679	0.93	cps
Bismuth	209-2	15504669	15536762	15384105	15475179	0.52	cps
Bromine	81-1	16723	16292	16343	16453	1.43	cps
Bromine	81-2	150	213	153	172	20.70	cps
Cadmium	108-1	33	33	23	30	19.25	cps
Cadmium	106-1	9273	9146	8623	9014	3.83	cps
Cadmium	111-1	6484	6412	6036	6311	3.81	cps
Calcium	43-1	1053	1063	1010	1042	2.72	cps
Calcium	44-1	50839	51004	50970	50938	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1723	1707	1490	1640	7.94	cps
Cobalt	59-2	237	187	183	202	14.77	cps
Copper	63-2	2840	3030	2917	2929	3.26	cps
Dysprosium	156-1	27	30	30	29	6.65	cps
Dysprosium	156-2	13	7	20	13	49.99	cps
Erbium	164-1	177	73	107	119	44.36	cps
Erbium	164-2	83	107	87	92	13.69	cps
Gadolinium	160-1	187	173	143	168	13.23	cps
Gadolinium	160-2	1017	990	1073	1027	4.15	cps
Holmium	165-1	32222323	33339335	33010062	32857240	1.75	cps
Holmium	165-2	22839494	22867306	22540644	22749148	0.80	cps
Indium	115-1	29304888	29505848	30239941	29683559	1.66	cps
Indium	115-2	10246627	10066710	10128447	10147261	0.90	cps
Iron	56-2	26023	26958	25766	26249	2.39	cps
Iron	57-2	1660	1750	1677	1696	2.82	cps
Iron	54-2	3904	4197	3841	3981	4.78	cps
Krypton	83-1	317	353	367	346	7.49	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BL	Instrumnet Name :	P7
Client Sample ID :	PBW829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:41:28	DataFile Name :	128CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	857	813	853	841	2.87	cps
Lead	207-1	760	697	763	740	5.08	cps
Lead	208-1	3567	3337	3400	3435	3.46	cps
Lithium	6-1	2698413	2716150	2764894	2726486	1.26	cps
Magnesium	24-2	1833	1873	1643	1783	6.89	cps
Manganese	55-2	790	750	647	729	10.15	cps
Molybdenum	94-1	583	613	817	671	18.92	cps
Molybdenum	95-1	60	70	83	71	16.46	cps
Molybdenum	96-1	170	257	220	216	20.18	cps
Molybdenum	97-1	60	50	57	56	9.17	cps
Molybdenum	98-1	93	110	120	108	12.50	cps
Neodymium	150-1	30	10	13	18	60.28	cps
Neodymium	150-2	3	10	20	11	75.52	cps
Nickel	60-2	180	247	197	208	16.70	cps
Phosphorus	31-2	220	287	187	231	22.03	cps
Potassium	39-2	78236	78866	77593	78232	0.81	cps
Rhodium	103-1	28524414	29186632	29048995	28920014	1.21	cps
Rhodium	103-2	17289527	17232716	16878044	17133429	1.30	cps
Scandium	45-1	15512110	16094490	16000499	15869033	1.97	cps
Scandium	45-2	1342931	1336539	1320557	1333343	0.86	cps
Selenium	82-1	1625	1631	1683	1646	1.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	533	497	573	534	7.17	cps
Silicon	28-1	1443337	1425735	1421053	1430042	0.82	cps
Silver	107-1	213	193	233	213	9.37	cps
Silver	109-1	143	133	130	136	5.12	cps
Sodium	23-2	58397	58427	57129	57984	1.28	cps
Strontium	86-1	693	670	683	682	1.72	cps
Strontium	88-1	987	990	983	987	0.34	cps
Sulfur	34-1	207255	204786	206729	206257	0.63	cps
Terbium	159-1	33516120	34051359	34435460	34000980	1.36	cps
Terbium	159-2	22861768	22805455	22668871	22778698	0.44	cps
Thallium	203-1	530	497	413	480	12.52	cps
Thallium	205-1	1137	1117	1257	1170	6.47	cps
Tin	118-1	3701	3370	3587	3553	4.72	cps
Titanium	47-1	203	237	250	230	10.45	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BL	Instrumnet Name :	P7
Client Sample ID :	PBW829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:41:28	DataFile Name :	128CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	10	57	28	90.86	cps
Vanadium	51-2	33	27	57	39	40.51	cps
Yttrium	89-1	39413489	40155999	40611199	40060229	1.51	cps
Yttrium	89-2	10178284	9998571	10091981	10089612	0.89	cps
Zinc	66-2	1383	1283	1310	1326	3.91	cps
Zirconium	90-1	1780	1820	2047	1882	7.64	cps
Zirconium	91-1	403	383	343	377	8.11	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BS	Instrumnet Name :	P7
Client Sample ID :	LCS829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:44:44	DataFile Name :	129LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20954	20898	21108	20987	0.52	cps
Antimony	121-1	102938	106490	105906	105112	1.81	cps
Arsenic	75-2	2750	2807	2930	2829	3.25	cps
Barium	135-1	121840	123002	123890	122911	0.84	cps
Barium	137-1	211892	212125	212079	212032	0.06	cps
Beryllium	9-1	4345	4617	4479	4480	3.04	cps
Bismuth	209-1	19704031	19224752	19163044	19363942	1.53	cps
Bismuth	209-2	15288204	15347892	15262689	15299595	0.29	cps
Bromine	81-1	15401	15602	14644	15216	3.32	cps
Bromine	81-2	120	120	160	133	17.32	cps
Cadmium	108-1	963	1063	1083	1037	6.20	cps
Cadmium	106-1	11401	10804	10834	11013	3.05	cps
Cadmium	111-1	20733	20558	20492	20594	0.60	cps
Calcium	43-1	66220	68289	67653	67388	1.57	cps
Calcium	44-1	1101610	1121649	1123274	1115511	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44703	44198	44589	44497	0.59	cps
Cobalt	59-2	34827	34710	34169	34569	1.02	cps
Copper	63-2	56088	55854	55319	55753	0.71	cps
Dysprosium	156-1	50	17	60	42	53.73	cps
Dysprosium	156-2	23	47	20	30	48.44	cps
Erbium	164-1	107	137	137	127	13.67	cps
Erbium	164-2	77	103	120	100	21.86	cps
Gadolinium	160-1	143	190	153	162	15.14	cps
Gadolinium	160-2	1197	1087	1093	1126	5.48	cps
Holmium	165-1	33361317	32806391	32963566	33043758	0.87	cps
Holmium	165-2	22302814	22470530	22413646	22395663	0.38	cps
Indium	115-1	29935172	29391513	29285578	29537421	1.18	cps
Indium	115-2	10044239	9990001	10069289	10034510	0.40	cps
Iron	56-2	3863217	3882109	3838545	3861290	0.57	cps
Iron	57-2	100107	100761	99600	100156	0.58	cps
Iron	54-2	220278	222443	219971	220897	0.61	cps
Krypton	83-1	350	323	383	352	8.53	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BS	Instrumnet Name :	P7
Client Sample ID :	LCS829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:44:44	DataFile Name :	129LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	36449	37010	37772	37077	1.79	cps
Lead	207-1	31777	32612	32215	32202	1.30	cps
Lead	208-1	145307	147575	148952	147278	1.25	cps
Lithium	6-1	2835747	2825368	2731291	2797469	2.06	cps
Magnesium	24-2	843404	849933	849659	847665	0.44	cps
Manganese	55-2	17050	17063	16486	16866	1.95	cps
Molybdenum	94-1	110621	112384	112229	111744	0.87	cps
Molybdenum	95-1	134169	134578	137169	135305	1.20	cps
Molybdenum	96-1	149434	151772	152354	151187	1.02	cps
Molybdenum	97-1	82628	85076	86520	84741	2.32	cps
Molybdenum	98-1	216399	220171	218994	218521	0.88	cps
Neodymium	150-1	23	7	17	16	53.90	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	9670	9743	9393	9602	1.92	cps
Phosphorus	31-2	217	187	270	224	18.80	cps
Potassium	39-2	1163466	1162851	1164468	1163595	0.07	cps
Rhodium	103-1	29547095	28550138	28857860	28985031	1.76	cps
Rhodium	103-2	16824743	16798653	16964997	16862798	0.53	cps
Scandium	45-1	16269679	15654843	16003441	15975988	1.93	cps
Scandium	45-2	1316748	1307282	1328987	1317672	0.83	cps
Selenium	82-1	5802	6085	5893	5927	2.44	cps
Selenium	77-2	473	497	320	430	22.32	cps
Selenium	78-2	1923	1840	1880	1881	2.22	cps
Silicon	28-1	1662927	1660647	1682130	1668568	0.71	cps
Silver	107-1	68296	69241	71277	69605	2.19	cps
Silver	109-1	64456	65809	66763	65676	1.76	cps
Sodium	23-2	1454979	1458586	1467202	1460256	0.43	cps
Strontium	86-1	16883	17474	17757	17371	2.57	cps
Strontium	88-1	146579	148248	149837	148222	1.10	cps
Sulfur	34-1	217921	221891	224018	221277	1.40	cps
Terbium	159-1	34930889	34098205	33903264	34310786	1.59	cps
Terbium	159-2	22324369	22400641	22357078	22360696	0.17	cps
Thallium	203-1	43753	44713	45328	44598	1.78	cps
Thallium	205-1	103929	105995	105670	105198	1.06	cps
Tin	118-1	4094	4127	4054	4092	0.90	cps
Titanium	47-1	31917	31987	31887	31930	0.16	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164829BS	Instrumnet Name :	P7
Client Sample ID :	LCS829	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:44:44	DataFile Name :	129LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	123698	126127	126606	125477	1.24	cps
Vanadium	51-2	89379	89456	89620	89485	0.14	cps
Yttrium	89-1	40540368	40050396	39798706	40129823	0.94	cps
Yttrium	89-2	10002825	9964516	9976384	9981242	0.20	cps
Zinc	66-2	22807	22838	23004	22883	0.46	cps
Zirconium	90-1	93243	95836	94008	94363	1.41	cps
Zirconium	91-1	20628	21346	21326	21100	1.94	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01	Instrumnet Name :	P7
Client Sample ID :	GCP96	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:48:13	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5014	4984	4968	4989	0.47	cps
Antimony	121-1	653	663	607	641	4.72	cps
Arsenic	75-2	350	307	257	304	15.34	cps
Barium	135-1	129153	129065	130411	129543	0.58	cps
Barium	137-1	220122	222969	221958	221683	0.65	cps
Beryllium	9-1	67	22	39	43	52.72	cps
Bismuth	209-1	19484943	19617121	19483445	19528503	0.39	cps
Bismuth	209-2	15348996	15586731	15583713	15506480	0.88	cps
Bromine	81-1	28364	30358	30886	29869	4.45	cps
Bromine	81-2	2900	3097	3140	3046	4.20	cps
Cadmium	108-1	17	43	40	33	43.58	cps
Cadmium	106-1	10037	9827	10044	9969	1.24	cps
Cadmium	111-1	7077	6925	7079	7027	1.26	cps
Calcium	43-1	2265589	2278286	2257727	2267201	0.46	cps
Calcium	44-1	36686282	36419474	36319447	36475068	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10160	9770	9530	9820	3.24	cps
Cobalt	59-2	1260	1223	1253	1246	1.57	cps
Copper	63-2	1031095	1024492	1033909	1029832	0.47	cps
Dysprosium	156-1	120	133	110	121	9.67	cps
Dysprosium	156-2	67	100	93	87	20.35	cps
Erbium	164-1	230	233	293	252	14.13	cps
Erbium	164-2	160	150	183	164	10.40	cps
Gadolinium	160-1	243	197	213	218	10.86	cps
Gadolinium	160-2	1233	1130	1197	1187	4.41	cps
Holmium	165-1	33921693	33214149	33256148	33463996	1.19	cps
Holmium	165-2	23070004	23093300	23264256	23142520	0.46	cps
Indium	115-1	30473710	30632464	30218356	30441510	0.69	cps
Indium	115-2	10382634	10289491	10311104	10327743	0.47	cps
Iron	56-2	165662	166346	163993	165334	0.73	cps
Iron	57-2	39826	40882	40812	40507	1.46	cps
Iron	54-2	11568	11621	11765	11651	0.87	cps
Krypton	83-1	377	320	357	351	8.19	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01	Instrumnet Name :	P7
Client Sample ID :	GCP96	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:48:13	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	100289	101358	99854	100500	0.77	cps
Lead	207-1	86107	85678	85527	85770	0.35	cps
Lead	208-1	395041	395617	394842	395167	0.10	cps
Lithium	6-1	2891947	2868744	2923039	2894577	0.94	cps
Magnesium	24-2	16078511	16236086	16316792	16210463	0.75	cps
Manganese	55-2	18475	18825	18004	18435	2.23	cps
Molybdenum	94-1	1897	1743	1877	1839	4.53	cps
Molybdenum	95-1	1413	1463	1410	1429	2.09	cps
Molybdenum	96-1	1663	1700	1757	1707	2.76	cps
Molybdenum	97-1	903	963	900	922	3.86	cps
Molybdenum	98-1	2100	2264	2394	2252	6.53	cps
Neodymium	150-1	130	140	197	156	23.11	cps
Neodymium	150-2	47	90	57	64	35.20	cps
Nickel	60-2	4071	4207	4157	4145	1.67	cps
Phosphorus	31-2	490	560	457	502	10.50	cps
Potassium	39-2	366352	363573	362742	364222	0.52	cps
Rhodium	103-1	29029694	28912915	29107682	29016764	0.34	cps
Rhodium	103-2	16959839	16879184	16964243	16934422	0.28	cps
Scandium	45-1	16581616	16570812	16270758	16474395	1.07	cps
Scandium	45-2	1346930	1358805	1357061	1354265	0.47	cps
Selenium	82-1	1910	2089	2086	2028	5.05	cps
Selenium	77-2	27	13	20	20	33.35	cps
Selenium	78-2	650	630	670	650	3.08	cps
Silicon	28-1	61377364	62471202	62316257	62054941	0.95	cps
Silver	107-1	530	493	587	537	8.76	cps
Silver	109-1	387	430	357	391	9.43	cps
Sodium	23-2	5978199	6036514	6077906	6030873	0.83	cps
Strontium	86-1	224193	224366	226780	225113	0.64	cps
Strontium	88-1	1976276	2019810	2019056	2005047	1.24	cps
Sulfur	34-1	520895	534674	540137	531902	1.86	cps
Terbium	159-1	34777782	35157677	35031795	34989085	0.55	cps
Terbium	159-2	22749913	23096874	22992718	22946502	0.78	cps
Thallium	203-1	583	503	380	489	20.95	cps
Thallium	205-1	1537	1287	997	1273	21.22	cps
Tin	118-1	19497	19103	19360	19320	1.03	cps
Titanium	47-1	1187	1263	1113	1188	6.31	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01	Instrumnet Name :	P7
Client Sample ID :	GCP96	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:48:13	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9090	9153	8943	9062	1.19	cps
Vanadium	51-2	2744	2634	2834	2737	3.66	cps
Yttrium	89-1	41382123	41201236	41258715	41280691	0.22	cps
Yttrium	89-2	10364159	10296816	10285942	10315639	0.41	cps
Zinc	66-2	38008	38359	38078	38149	0.49	cps
Zirconium	90-1	3270	3197	3157	3208	1.79	cps
Zirconium	91-1	770	660	707	712	7.75	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-02	Instrumnet Name :	P7
Client Sample ID :	GCP96D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:51:25	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4144	3841	3774	3919	5.03	cps
Antimony	121-1	703	697	677	692	2.00	cps
Arsenic	75-2	340	303	330	324	5.84	cps
Barium	135-1	129340	129970	128265	129192	0.67	cps
Barium	137-1	224860	220962	222239	222687	0.89	cps
Beryllium	9-1	50	83	94	76	30.47	cps
Bismuth	209-1	20482504	20034401	20140105	20219004	1.16	cps
Bismuth	209-2	15660405	15508436	15665463	15611435	0.57	cps
Bromine	81-1	28761	30996	31123	30293	4.38	cps
Bromine	81-2	3127	3020	3137	3095	2.09	cps
Cadmium	108-1	37	57	40	44	24.11	cps
Cadmium	106-1	10711	10157	9800	10223	4.49	cps
Cadmium	111-1	7529	7137	6882	7182	4.53	cps
Calcium	43-1	2264900	2247137	2271681	2261239	0.56	cps
Calcium	44-1	36792748	36708396	36705799	36735648	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11021	10664	11027	10904	1.91	cps
Cobalt	59-2	923	887	1047	952	8.80	cps
Copper	63-2	1041968	1033938	1033612	1036506	0.46	cps
Dysprosium	156-1	113	97	127	112	13.39	cps
Dysprosium	156-2	67	57	77	67	15.00	cps
Erbium	164-1	300	197	233	243	21.53	cps
Erbium	164-2	150	163	100	138	24.24	cps
Gadolinium	160-1	220	230	267	239	10.29	cps
Gadolinium	160-2	1177	1273	1100	1183	7.34	cps
Holmium	165-1	35088939	33958349	34294622	34447303	1.69	cps
Holmium	165-2	23163814	23145150	23367349	23225438	0.53	cps
Indium	115-1	31137064	31017669	30639333	30931355	0.84	cps
Indium	115-2	10533714	10379727	10423827	10445756	0.76	cps
Iron	56-2	168298	168576	167958	168277	0.18	cps
Iron	57-2	39625	40869	41156	40550	2.01	cps
Iron	54-2	11708	11805	11494	11669	1.36	cps
Krypton	83-1	347	350	337	344	2.02	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-02	Instrumnet Name :	P7
Client Sample ID :	GCP96D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:51:25	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	98137	99252	98091	98493	0.67	cps
Lead	207-1	86305	85047	85031	85461	0.86	cps
Lead	208-1	393233	386483	386717	388811	0.99	cps
Lithium	6-1	3042603	3083435	3044951	3056996	0.75	cps
Magnesium	24-2	16424006	16243594	16405606	16357735	0.61	cps
Manganese	55-2	9943	10017	10514	10158	3.05	cps
Molybdenum	94-1	1883	1810	1877	1857	2.18	cps
Molybdenum	95-1	1483	1530	1370	1461	5.63	cps
Molybdenum	96-1	1727	1703	1580	1670	4.72	cps
Molybdenum	97-1	937	973	897	936	4.10	cps
Molybdenum	98-1	2210	2380	2340	2310	3.85	cps
Neodymium	150-1	70	113	133	106	30.67	cps
Neodymium	150-2	77	87	53	72	23.69	cps
Nickel	60-2	2877	2997	2714	2863	4.97	cps
Phosphorus	31-2	497	573	457	509	11.65	cps
Potassium	39-2	366268	365636	364962	365622	0.18	cps
Rhodium	103-1	29866083	29667753	29437264	29657033	0.72	cps
Rhodium	103-2	17435554	17073583	17098094	17202410	1.18	cps
Scandium	45-1	16992256	16846958	16802477	16880564	0.59	cps
Scandium	45-2	1403258	1360690	1386321	1383423	1.55	cps
Selenium	82-1	2191	2124	2088	2134	2.43	cps
Selenium	77-2	7	27	27	20	57.73	cps
Selenium	78-2	697	570	543	603	13.58	cps
Silicon	28-1	63839189	63412904	63319641	63523911	0.44	cps
Silver	107-1	797	1003	817	872	13.07	cps
Silver	109-1	790	740	630	720	11.37	cps
Sodium	23-2	6115415	6019567	6021936	6052306	0.90	cps
Strontium	86-1	228172	226807	225711	226897	0.54	cps
Strontium	88-1	2034265	1991713	2021947	2015975	1.09	cps
Sulfur	34-1	549615	554352	549614	551194	0.50	cps
Terbium	159-1	36179408	35936003	35310957	35808789	1.25	cps
Terbium	159-2	23337689	23183098	23264609	23261799	0.33	cps
Thallium	203-1	443	377	297	372	19.73	cps
Thallium	205-1	873	827	767	822	6.50	cps
Tin	118-1	25730	25099	25252	25360	1.30	cps
Titanium	47-1	1150	1430	2129	1570	32.11	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-02	Instrumnet Name :	P7
Client Sample ID :	GCP96D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:51:25	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9223	9350	9397	9323	0.96	cps
Vanadium	51-2	2757	2557	2754	2689	4.26	cps
Yttrium	89-1	42820334	41641225	42459081	42306880	1.43	cps
Yttrium	89-2	10569907	10380934	10432514	10461118	0.93	cps
Zinc	66-2	37617	37694	37230	37514	0.66	cps
Zirconium	90-1	2824	2980	2810	2871	3.29	cps
Zirconium	91-1	640	617	600	619	3.25	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01LX5	Instrumnet Name :	P7
Client Sample ID :	GCP96L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 19:54:34	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1530	1383	1443	1452	5.08	cps
Antimony	121-1	147	173	193	171	13.68	cps
Arsenic	75-2	37	57	57	50	23.09	cps
Barium	135-1	24495	24698	24581	24591	0.42	cps
Barium	137-1	42015	42587	42466	42356	0.71	cps
Beryllium	9-1	33	61	28	41	43.83	cps
Bismuth	209-1	19737622	19750671	19861203	19783165	0.34	cps
Bismuth	209-2	15685296	15609166	15359943	15551468	1.09	cps
Bromine	81-1	20868	21179	22357	21468	3.66	cps
Bromine	81-2	1037	1083	1103	1075	3.18	cps
Cadmium	108-1	23	20	23	22	8.65	cps
Cadmium	106-1	10390	9960	9793	10048	3.07	cps
Cadmium	111-1	7280	6971	6886	7046	2.95	cps
Calcium	43-1	445214	451674	449367	448752	0.73	cps
Calcium	44-1	7043760	7074855	7019972	7046196	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3450	3380	3277	3369	2.59	cps
Cobalt	59-2	327	293	333	318	6.74	cps
Copper	63-2	205389	203210	203484	204028	0.58	cps
Dysprosium	156-1	23	37	47	36	32.93	cps
Dysprosium	156-2	27	27	23	26	7.55	cps
Erbium	164-1	150	177	180	169	9.74	cps
Erbium	164-2	140	100	120	120	16.67	cps
Gadolinium	160-1	160	157	123	147	13.82	cps
Gadolinium	160-2	1110	1187	990	1096	9.05	cps
Holmium	165-1	33644728	33565881	33603206	33604605	0.12	cps
Holmium	165-2	22992895	22891555	22601036	22828495	0.89	cps
Indium	115-1	29875339	29878757	30008235	29920777	0.25	cps
Indium	115-2	10285609	10199734	10328169	10271171	0.64	cps
Iron	56-2	52438	53394	52034	52622	1.33	cps
Iron	57-2	8786	8989	9186	8987	2.23	cps
Iron	54-2	5238	5178	5024	5146	2.14	cps
Krypton	83-1	343	343	290	326	9.46	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01LX5	Instrumnet Name :	P7
Client Sample ID :	GCP96L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 19:54:34	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19915	19451	19658	19674	1.18	cps
Lead	207-1	17365	16961	17138	17154	1.18	cps
Lead	208-1	78615	78256	78750	78540	0.33	cps
Lithium	6-1	3071596	3063284	2989899	3041593	1.48	cps
Magnesium	24-2	3119476	3151970	3184307	3151918	1.03	cps
Manganese	55-2	3964	4014	3861	3946	1.98	cps
Molybdenum	94-1	830	827	793	817	2.48	cps
Molybdenum	95-1	327	257	397	327	21.43	cps
Molybdenum	96-1	460	567	503	510	10.52	cps
Molybdenum	97-1	230	227	243	233	3.78	cps
Molybdenum	98-1	487	447	487	473	4.88	cps
Neodymium	150-1	23	47	20	30	48.44	cps
Neodymium	150-2	0	27	3	10	145.32	cps
Nickel	60-2	933	1037	1050	1007	6.34	cps
Phosphorus	31-2	287	297	240	274	11.02	cps
Potassium	39-2	132759	132877	131519	132385	0.57	cps
Rhodium	103-1	29458335	29114612	28897668	29156872	0.97	cps
Rhodium	103-2	17338407	17068267	16911239	17105971	1.26	cps
Scandium	45-1	16581056	16361667	16437175	16459966	0.68	cps
Scandium	45-2	1351521	1342623	1322459	1338868	1.11	cps
Selenium	82-1	1846	1959	1947	1917	3.25	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	613	537	550	567	7.23	cps
Silicon	28-1	13480065	13417111	13433323	13443500	0.24	cps
Silver	107-1	257	277	240	258	7.12	cps
Silver	109-1	127	177	133	146	18.65	cps
Sodium	23-2	1227828	1213766	1212101	1217899	0.71	cps
Strontium	86-1	42692	43324	43718	43245	1.20	cps
Strontium	88-1	378319	381186	377119	378875	0.55	cps
Sulfur	34-1	334959	337122	337006	336362	0.36	cps
Terbium	159-1	34748079	34755212	34855969	34786420	0.17	cps
Terbium	159-2	23217497	22941269	22852435	23003734	0.83	cps
Thallium	203-1	243	290	267	267	8.75	cps
Thallium	205-1	617	640	593	617	3.78	cps
Tin	118-1	6948	6748	6968	6888	1.77	cps
Titanium	47-1	413	390	393	399	3.16	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-01LX5	Instrumnet Name :	P7
Client Sample ID :	GCP96L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 19:54:34	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1847	1994	1773	1871	5.99	cps
Vanadium	51-2	523	593	510	542	8.26	cps
Yttrium	89-1	41203989	40996679	40755652	40985440	0.55	cps
Yttrium	89-2	10210399	10341304	10135084	10228929	1.02	cps
Zinc	66-2	8733	8676	8396	8601	2.10	cps
Zirconium	90-1	1997	1997	2067	2020	2.00	cps
Zirconium	91-1	433	420	333	396	13.73	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-03	Instrumnet Name :	P7
Client Sample ID :	GCP96S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:57:49	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	957232	955127	941397	951252	0.90	cps
Antimony	121-1	2755024	2723966	2749177	2742722	0.60	cps
Arsenic	75-2	55209	55497	54383	55029	1.05	cps
Barium	135-1	12765614	12866804	12673949	12768789	0.76	cps
Barium	137-1	22037700	21929950	21809138	21925596	0.52	cps
Beryllium	9-1	119578	117434	116382	117798	1.38	cps
Bismuth	209-1	20161978	19891464	20058897	20037447	0.68	cps
Bismuth	209-2	15760366	15422316	15357549	15513410	1.39	cps
Bromine	81-1	30241	33111	33064	32138	5.11	cps
Bromine	81-2	3234	3097	3170	3167	2.16	cps
Cadmium	108-1	23960	23860	23653	23824	0.66	cps
Cadmium	106-1	43248	42856	43177	43094	0.48	cps
Cadmium	111-1	368619	370768	369909	369765	0.29	cps
Calcium	43-1	2309030	2300196	2259254	2289493	1.16	cps
Calcium	44-1	37165685	36938739	36549367	36884597	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2156638	2160858	2136460	2151319	0.61	cps
Cobalt	59-2	8716085	8603460	8584272	8634606	0.82	cps
Copper	63-2	4102376	4083088	4093751	4093072	0.24	cps
Dysprosium	156-1	163	253	240	219	22.19	cps
Dysprosium	156-2	550	540	587	559	4.40	cps
Erbium	164-1	260	240	227	242	6.93	cps
Erbium	164-2	160	227	230	206	19.21	cps
Gadolinium	160-1	257	207	263	242	12.79	cps
Gadolinium	160-2	1143	1177	1270	1197	5.49	cps
Holmium	165-1	34674794	34528049	34649175	34617339	0.23	cps
Holmium	165-2	23895280	23111295	22985270	23330615	2.11	cps
Indium	115-1	30863068	31088968	30575377	30842471	0.83	cps
Indium	115-2	10289169	10370734	10169253	10276385	0.99	cps
Iron	56-2	9773186	9836209	9782203	9797199	0.35	cps
Iron	57-2	287243	285017	284598	285620	0.50	cps
Iron	54-2	617672	617872	611248	615597	0.61	cps
Krypton	83-1	353	397	387	379	5.99	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-03	Instrumnet Name :	P7
Client Sample ID :	GCP96S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:57:49	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	464833	461986	462682	463167	0.32	cps
Lead	207-1	400026	399600	395472	398366	0.63	cps
Lead	208-1	1833393	1828120	1825590	1829034	0.22	cps
Lithium	6-1	3104733	3066920	3130036	3100563	1.02	cps
Magnesium	24-2	16287786	16165997	16247407	16233730	0.38	cps
Manganese	55-2	3881926	3954033	3829242	3888400	1.61	cps
Molybdenum	94-1	1890	1727	1927	1848	5.76	cps
Molybdenum	95-1	1603	1567	1623	1598	1.80	cps
Molybdenum	96-1	1927	1913	1937	1926	0.61	cps
Molybdenum	97-1	947	860	930	912	5.04	cps
Molybdenum	98-1	2790	2637	2547	2658	4.63	cps
Neodymium	150-1	623	547	677	616	10.62	cps
Neodymium	150-2	147	167	147	153	7.53	cps
Nickel	60-2	2271779	2273083	2252075	2265646	0.52	cps
Phosphorus	31-2	480	490	487	486	1.05	cps
Potassium	39-2	366608	364550	363814	364991	0.40	cps
Rhodium	103-1	29657175	29671804	29467512	29598830	0.39	cps
Rhodium	103-2	17218049	17297808	16936749	17150869	1.11	cps
Scandium	45-1	16795946	16627246	16890247	16771147	0.79	cps
Scandium	45-2	1377717	1343577	1352265	1357853	1.31	cps
Selenium	82-1	45048	45330	45662	45347	0.68	cps
Selenium	77-2	3984	4174	4031	4063	2.44	cps
Selenium	78-2	14641	14444	14207	14430	1.50	cps
Silicon	28-1	64507896	64156476	63621919	64095430	0.70	cps
Silver	107-1	1845639	1821010	1799843	1822164	1.26	cps
Silver	109-1	1715723	1718287	1720575	1718195	0.14	cps
Sodium	23-2	6138785	6099603	6053254	6097214	0.70	cps
Strontium	86-1	225911	226848	227633	226797	0.38	cps
Strontium	88-1	2005147	2039352	1993942	2012814	1.18	cps
Sulfur	34-1	544881	554945	548421	549415	0.93	cps
Terbium	159-1	35938991	35794183	35399585	35710920	0.78	cps
Terbium	159-2	23286690	23435235	23148791	23290239	0.62	cps
Thallium	203-1	1123062	1118054	1124809	1121975	0.31	cps
Thallium	205-1	2699507	2676352	2675573	2683811	0.51	cps
Tin	118-1	19213	19774	19553	19513	1.45	cps
Titanium	47-1	1133	1203	1123	1153	3.78	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-03	Instrumnet Name :	P7
Client Sample ID :	GCP96S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 19:57:49	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9670	9107	9390	9389	3.00	cps
Vanadium	51-2	4525798	4511571	4541915	4526428	0.34	cps
Yttrium	89-1	42102882	41868556	42199636	42057025	0.40	cps
Yttrium	89-2	10338027	10310950	10234705	10294561	0.52	cps
Zinc	66-2	1063757	1054252	1051663	1056557	0.60	cps
Zirconium	90-1	2947	3034	2864	2948	2.88	cps
Zirconium	91-1	663	900	753	772	15.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-04	Instrumnet Name :	P7
Client Sample ID :	GCP97	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:00:45	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4661	4277	4074	4337	6.87	cps
Antimony	121-1	640	527	500	556	13.38	cps
Arsenic	75-2	273	367	300	313	15.34	cps
Barium	135-1	128463	126133	127067	127221	0.92	cps
Barium	137-1	223679	220930	218133	220914	1.26	cps
Beryllium	9-1	67	39	22	43	52.72	cps
Bismuth	209-1	19656934	19860829	19540532	19686098	0.82	cps
Bismuth	209-2	15435948	15488457	15321982	15415462	0.55	cps
Bromine	81-1	29646	30819	30699	30388	2.12	cps
Bromine	81-2	3010	3004	2977	2997	0.59	cps
Cadmium	108-1	40	50	40	43	13.32	cps
Cadmium	106-1	10534	10210	10097	10280	2.21	cps
Cadmium	111-1	7462	7232	7140	7278	2.28	cps
Calcium	43-1	2258835	2239289	2219229	2239118	0.88	cps
Calcium	44-1	36265089	36341680	35900479	36169083	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10661	10444	10634	10579	1.12	cps
Cobalt	59-2	1213	1157	1223	1198	3.00	cps
Copper	63-2	72796	72591	71131	72173	1.26	cps
Dysprosium	156-1	143	67	110	107	36.04	cps
Dysprosium	156-2	73	103	73	83	20.79	cps
Erbium	164-1	193	243	247	228	13.12	cps
Erbium	164-2	207	147	157	170	18.91	cps
Gadolinium	160-1	277	280	283	280	1.19	cps
Gadolinium	160-2	1053	1210	1130	1131	6.93	cps
Holmium	165-1	33931434	33787873	33413510	33710939	0.79	cps
Holmium	165-2	22706301	22852476	22812272	22790350	0.33	cps
Indium	115-1	30761277	30019206	30266554	30349013	1.24	cps
Indium	115-2	10247143	10197643	10131172	10191986	0.57	cps
Iron	56-2	134049	135577	135544	135057	0.65	cps
Iron	57-2	39137	39752	39883	39591	1.01	cps
Iron	54-2	9763	9807	9823	9798	0.32	cps
Krypton	83-1	300	370	350	340	10.60	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-04	Instrumnet Name :	P7
Client Sample ID :	GCP97	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:00:45	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9190	9126	9043	9120	0.81	cps
Lead	207-1	7639	7666	7756	7687	0.80	cps
Lead	208-1	35378	35038	35335	35250	0.53	cps
Lithium	6-1	2946285	2954975	2976901	2959387	0.53	cps
Magnesium	24-2	16223606	16034267	16203735	16153869	0.64	cps
Manganese	55-2	14500	14437	14577	14505	0.48	cps
Molybdenum	94-1	2330	2180	2084	2198	5.66	cps
Molybdenum	95-1	1243	1340	1290	1291	3.74	cps
Molybdenum	96-1	1767	1941	1623	1777	8.94	cps
Molybdenum	97-1	830	893	800	841	5.67	cps
Molybdenum	98-1	1987	1937	1917	1947	1.85	cps
Neodymium	150-1	147	140	150	146	3.50	cps
Neodymium	150-2	110	100	60	90	29.40	cps
Nickel	60-2	1030	993	1010	1011	1.82	cps
Phosphorus	31-2	540	450	570	520	12.01	cps
Potassium	39-2	360151	359912	360600	360221	0.10	cps
Rhodium	103-1	29219720	29176985	28931265	29109323	0.53	cps
Rhodium	103-2	16939715	16861517	16738474	16846568	0.60	cps
Scandium	45-1	16562502	16852788	16565851	16660380	1.00	cps
Scandium	45-2	1368704	1355836	1365289	1363276	0.49	cps
Selenium	82-1	2103	2013	2021	2045	2.43	cps
Selenium	77-2	20	33	13	22	45.83	cps
Selenium	78-2	610	527	633	590	9.50	cps
Silicon	28-1	63088257	65099316	65361342	64516305	1.93	cps
Silver	107-1	577	523	483	528	8.87	cps
Silver	109-1	453	360	363	392	13.50	cps
Sodium	23-2	6408272	6426978	6430909	6422053	0.19	cps
Strontium	86-1	222456	222563	221647	222222	0.23	cps
Strontium	88-1	1957592	1970334	1983032	1970319	0.65	cps
Sulfur	34-1	529597	532003	530238	530613	0.23	cps
Terbium	159-1	35079907	35038537	34912886	35010443	0.25	cps
Terbium	159-2	23160547	22712809	23008002	22960453	0.99	cps
Thallium	203-1	647	573	450	557	17.85	cps
Thallium	205-1	1587	1263	1287	1379	13.08	cps
Tin	118-1	7212	7202	7295	7236	0.71	cps
Titanium	47-1	1297	1247	1163	1236	5.45	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-04	Instrumnet Name :	P7
Client Sample ID :	GCP97	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:00:45	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8643	8973	8946	8854	2.07	cps
Vanadium	51-2	2810	2774	2720	2768	1.64	cps
Yttrium	89-1	41500536	41230336	41211829	41314234	0.39	cps
Yttrium	89-2	10335435	10153521	10194439	10227799	0.93	cps
Zinc	66-2	6425	5901	6201	6176	4.25	cps
Zirconium	90-1	4254	3871	4164	4096	4.89	cps
Zirconium	91-1	843	940	920	901	5.66	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-05	Instrumnet Name :	P7
Client Sample ID :	GCP98	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:03:58	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4254	3751	3837	3947	6.82	cps
Antimony	121-1	867	857	870	864	0.80	cps
Arsenic	75-2	327	263	320	303	11.47	cps
Barium	135-1	129260	129448	127649	128786	0.77	cps
Barium	137-1	223884	223099	224279	223754	0.27	cps
Beryllium	9-1	39	61	50	50	22.22	cps
Bismuth	209-1	19884013	19549731	19607006	19680250	0.91	cps
Bismuth	209-2	15433888	15496615	15526293	15485599	0.30	cps
Bromine	81-1	29366	31450	31637	30818	4.09	cps
Bromine	81-2	2914	3130	2970	3005	3.74	cps
Cadmium	108-1	40	47	53	47	14.28	cps
Cadmium	106-1	10557	10080	10070	10236	2.72	cps
Cadmium	111-1	7535	7240	7255	7344	2.26	cps
Calcium	43-1	2279610	2282514	2343044	2301723	1.56	cps
Calcium	44-1	36705911	36923037	37197413	36942120	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9847	9803	9400	9683	2.55	cps
Cobalt	59-2	1333	1400	1353	1362	2.51	cps
Copper	63-2	1257204	1253956	1251710	1254290	0.22	cps
Dysprosium	156-1	140	160	120	140	14.29	cps
Dysprosium	156-2	120	70	83	91	28.42	cps
Erbium	164-1	267	257	267	263	2.19	cps
Erbium	164-2	177	137	157	157	12.77	cps
Gadolinium	160-1	283	217	333	278	21.07	cps
Gadolinium	160-2	1233	1237	1247	1239	0.56	cps
Holmium	165-1	34469503	34129518	34349049	34316023	0.50	cps
Holmium	165-2	22842925	23073798	22994553	22970425	0.51	cps
Indium	115-1	30549821	30327559	30381554	30419645	0.38	cps
Indium	115-2	10332814	10183896	10204559	10240423	0.79	cps
Iron	56-2	281039	276947	278268	278751	0.75	cps
Iron	57-2	43088	43296	44800	43728	2.14	cps
Iron	54-2	17263	17514	17904	17560	1.84	cps
Krypton	83-1	403	350	323	359	11.35	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-05	Instrumnet Name :	P7
Client Sample ID :	GCP98	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:03:58	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33394	32576	33642	33204	1.68	cps
Lead	207-1	28557	27648	28009	28071	1.63	cps
Lead	208-1	129193	128943	130443	129526	0.62	cps
Lithium	6-1	3174071	3166875	3045633	3128860	2.31	cps
Magnesium	24-2	16459597	16248331	16362390	16356773	0.65	cps
Manganese	55-2	22747	22353	22494	22531	0.89	cps
Molybdenum	94-1	1603	1720	1637	1653	3.63	cps
Molybdenum	95-1	1323	1233	1330	1296	4.17	cps
Molybdenum	96-1	1550	1550	1653	1585	3.77	cps
Molybdenum	97-1	783	903	823	837	7.30	cps
Molybdenum	98-1	1977	2144	2044	2055	4.08	cps
Neodymium	150-1	177	127	170	158	17.21	cps
Neodymium	150-2	77	77	73	76	2.55	cps
Nickel	60-2	3474	3284	3327	3362	2.96	cps
Phosphorus	31-2	490	573	483	516	9.73	cps
Potassium	39-2	363800	363835	361806	363147	0.32	cps
Rhodium	103-1	29396999	29344485	28909825	29217103	0.92	cps
Rhodium	103-2	17168519	16931626	16919924	17006690	0.82	cps
Scandium	45-1	16789655	16679224	16868820	16779233	0.57	cps
Scandium	45-2	1379547	1352223	1346836	1359535	1.29	cps
Selenium	82-1	1981	1995	1953	1976	1.06	cps
Selenium	77-2	27	13	47	29	58.08	cps
Selenium	78-2	593	637	600	610	3.83	cps
Silicon	28-1	64580164	64425984	64742944	64583031	0.25	cps
Silver	107-1	593	547	610	583	5.63	cps
Silver	109-1	340	417	447	401	13.71	cps
Sodium	23-2	6025513	6002033	6031764	6019770	0.26	cps
Strontium	86-1	224607	223406	225226	224413	0.41	cps
Strontium	88-1	1987133	2005759	2019694	2004195	0.82	cps
Sulfur	34-1	538208	540513	544739	541154	0.61	cps
Terbium	159-1	35545444	35661937	34778888	35328756	1.36	cps
Terbium	159-2	23259914	23132494	22844493	23078967	0.92	cps
Thallium	203-1	417	403	350	390	9.05	cps
Thallium	205-1	1093	970	813	959	14.64	cps
Tin	118-1	19061	10757	10584	13467	35.97	cps
Titanium	47-1	1233	1217	1173	1208	2.57	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-05	Instrumnet Name :	P7
Client Sample ID :	GCP98	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:03:58	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9240	9650	9497	9462	2.19	cps
Vanadium	51-2	2700	2704	2780	2728	1.66	cps
Yttrium	89-1	41942385	41780563	41606031	41776326	0.40	cps
Yttrium	89-2	10314275	10356041	10295577	10321964	0.30	cps
Zinc	66-2	101042	100596	100693	100777	0.23	cps
Zirconium	90-1	2634	2480	2504	2539	3.25	cps
Zirconium	91-1	587	597	560	581	3.26	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-06	Instrumnet Name :	P7
Client Sample ID :	GCP99	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:07:07	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6533	4701	4641	5292	20.33	cps
Antimony	121-1	650	600	580	610	5.91	cps
Arsenic	75-2	337	383	333	351	7.96	cps
Barium	135-1	129381	131665	129697	130248	0.95	cps
Barium	137-1	221787	224865	225589	224080	0.90	cps
Beryllium	9-1	39	44	44	43	7.54	cps
Bismuth	209-1	20971794	19540469	19534080	20015448	4.14	cps
Bismuth	209-2	15456864	15391494	15375011	15407789	0.28	cps
Bromine	81-1	30568	31807	32295	31557	2.82	cps
Bromine	81-2	3124	3300	3267	3230	2.91	cps
Cadmium	108-1	57	37	40	44	24.11	cps
Cadmium	106-1	11324	10130	10414	10623	5.87	cps
Cadmium	111-1	8011	7212	7375	7533	5.60	cps
Calcium	43-1	2318581	2329252	2347015	2331616	0.62	cps
Calcium	44-1	37437704	37921494	37916484	37758561	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10337	10210	10053	10200	1.39	cps
Cobalt	59-2	1423	1283	1267	1325	6.50	cps
Copper	63-2	687671	678336	678310	681439	0.79	cps
Dysprosium	156-1	170	203	150	174	15.45	cps
Dysprosium	156-2	127	130	120	126	4.06	cps
Erbium	164-1	293	300	303	299	1.70	cps
Erbium	164-2	207	220	183	203	9.13	cps
Gadolinium	160-1	270	377	320	322	16.56	cps
Gadolinium	160-2	1330	1323	1340	1331	0.63	cps
Holmium	165-1	35973804	33657287	34066171	34565754	3.58	cps
Holmium	165-2	22965615	22816028	22855507	22879050	0.34	cps
Indium	115-1	32674165	29996341	30414435	31028314	4.64	cps
Indium	115-2	10387525	10264815	10342162	10331501	0.60	cps
Iron	56-2	1325755	1306152	1315088	1315665	0.75	cps
Iron	57-2	70997	69386	71506	70629	1.57	cps
Iron	54-2	74393	73809	73930	74044	0.42	cps
Krypton	83-1	313	283	373	323	14.17	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-06	Instrumnet Name :	P7
Client Sample ID :	GCP99	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:07:07	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32168	32726	32168	32354	1.00	cps
Lead	207-1	26696	27121	27615	27144	1.69	cps
Lead	208-1	125416	125973	126917	126102	0.60	cps
Lithium	6-1	3341491	3172048	3065308	3192949	4.36	cps
Magnesium	24-2	16812939	16809504	16766274	16796239	0.15	cps
Manganese	55-2	146772	143920	147212	145968	1.22	cps
Molybdenum	94-1	1740	1627	1600	1656	4.49	cps
Molybdenum	95-1	1233	1353	1327	1305	4.83	cps
Molybdenum	96-1	1683	1733	1510	1642	7.14	cps
Molybdenum	97-1	863	867	810	847	3.76	cps
Molybdenum	98-1	1963	2230	2220	2138	7.07	cps
Neodymium	150-1	210	237	217	221	6.28	cps
Neodymium	150-2	143	143	123	137	8.45	cps
Nickel	60-2	1787	1813	1667	1756	4.45	cps
Phosphorus	31-2	540	513	517	523	2.78	cps
Potassium	39-2	440919	435760	439140	438606	0.60	cps
Rhodium	103-1	31133633	28552329	28910547	29532170	4.74	cps
Rhodium	103-2	16972910	17120832	16965962	17019901	0.51	cps
Scandium	45-1	17873778	16733080	16746842	17117900	3.82	cps
Scandium	45-2	1395901	1377749	1377142	1383597	0.77	cps
Selenium	82-1	2176	2091	2013	2093	3.88	cps
Selenium	77-2	17	13	17	16	12.40	cps
Selenium	78-2	637	633	620	630	1.40	cps
Silicon	28-1	65808591	66608447	66600326	66339121	0.69	cps
Silver	107-1	497	490	520	502	3.14	cps
Silver	109-1	427	387	430	414	5.82	cps
Sodium	23-2	6395146	6273852	6286416	6318471	1.06	cps
Strontium	86-1	228644	232105	232876	231208	0.97	cps
Strontium	88-1	2054594	2068363	2039420	2054126	0.70	cps
Sulfur	34-1	549764	557927	560376	556022	1.00	cps
Terbium	159-1	36843107	34861694	34555764	35420189	3.51	cps
Terbium	159-2	22978279	22553618	23138634	22890177	1.32	cps
Thallium	203-1	363	330	220	304	24.64	cps
Thallium	205-1	740	717	643	700	7.21	cps
Tin	118-1	15352	15579	15585	15505	0.86	cps
Titanium	47-1	1467	1617	1443	1509	6.23	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-06	Instrumnet Name :	P7
Client Sample ID :	GCP99	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:07:07	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9077	9467	9353	9299	2.16	cps
Vanadium	51-2	3240	2747	2767	2918	9.57	cps
Yttrium	89-1	44446064	41060844	41421359	42309422	4.39	cps
Yttrium	89-2	10435823	10361991	10350303	10382706	0.45	cps
Zinc	66-2	64512	62574	64954	64013	1.98	cps
Zirconium	90-1	2637	2564	2530	2577	2.12	cps
Zirconium	91-1	567	467	593	542	12.32	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-07	Instrumnet Name :	P7
Client Sample ID :	GCPA0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:10:20	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2417	2454	2517	2462	2.06	cps
Antimony	121-1	167	143	173	161	9.78	cps
Arsenic	75-2	7	13	10	10	33.30	cps
Barium	135-1	547	583	593	574	4.28	cps
Barium	137-1	1003	840	900	914	9.04	cps
Beryllium	9-1	28	17	22	22	25.00	cps
Bismuth	209-1	20231865	20051654	19611127	19964882	1.60	cps
Bismuth	209-2	15705131	15491433	15634307	15610290	0.70	cps
Bromine	81-1	17934	17851	17594	17793	1.00	cps
Bromine	81-2	343	343	370	352	4.37	cps
Cadmium	108-1	37	27	33	32	15.80	cps
Cadmium	106-1	10254	10557	10027	10279	2.59	cps
Cadmium	111-1	7179	7398	7019	7198	2.65	cps
Calcium	43-1	2527	2304	2300	2377	5.47	cps
Calcium	44-1	75204	73097	74156	74152	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2384	2430	2614	2476	4.91	cps
Cobalt	59-2	377	340	400	372	8.13	cps
Copper	63-2	4137	4137	4217	4164	1.11	cps
Dysprosium	156-1	30	23	23	26	15.07	cps
Dysprosium	156-2	30	27	23	27	12.51	cps
Erbium	164-1	173	157	170	167	5.29	cps
Erbium	164-2	83	83	97	88	8.77	cps
Gadolinium	160-1	147	167	150	154	6.94	cps
Gadolinium	160-2	1233	1200	1313	1249	4.66	cps
Holmium	165-1	34354100	34008831	33588224	33983718	1.13	cps
Holmium	165-2	22839190	22728529	22843288	22803669	0.29	cps
Indium	115-1	31038969	30472447	30363171	30624862	1.18	cps
Indium	115-2	10368448	10429470	10307408	10368442	0.59	cps
Iron	56-2	105433	104164	103986	104528	0.75	cps
Iron	57-2	3574	3741	3814	3709	3.32	cps
Iron	54-2	7762	7989	7852	7868	1.45	cps
Krypton	83-1	343	353	383	360	5.78	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-07	Instrumnet Name :	P7
Client Sample ID :	GCPA0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:10:20	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4241	4224	4241	4235	0.23	cps
Lead	207-1	3811	3657	3681	3716	2.22	cps
Lead	208-1	16888	16934	16621	16814	1.01	cps
Lithium	6-1	3082872	3035428	3096335	3071545	1.04	cps
Magnesium	24-2	5168	4958	4857	4994	3.17	cps
Manganese	55-2	7532	7469	7445	7482	0.60	cps
Molybdenum	94-1	1053	970	1017	1013	4.12	cps
Molybdenum	95-1	240	270	263	258	6.11	cps
Molybdenum	96-1	393	423	460	426	7.85	cps
Molybdenum	97-1	173	173	160	169	4.56	cps
Molybdenum	98-1	383	367	373	374	2.24	cps
Neodymium	150-1	43	53	33	43	23.08	cps
Neodymium	150-2	23	10	13	16	44.60	cps
Nickel	60-2	540	597	660	599	10.02	cps
Phosphorus	31-2	310	310	307	309	0.62	cps
Potassium	39-2	81694	82042	81825	81854	0.22	cps
Rhodium	103-1	30366150	30053970	29729353	30049824	1.06	cps
Rhodium	103-2	17385638	17221417	17386428	17331161	0.55	cps
Scandium	45-1	16944930	16816211	16828950	16863364	0.42	cps
Scandium	45-2	1370724	1355251	1371884	1365953	0.68	cps
Selenium	82-1	1773	1711	1679	1721	2.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	533	627	617	592	8.65	cps
Silicon	28-1	1519884	1536711	1553551	1536716	1.10	cps
Silver	107-1	250	227	287	254	11.89	cps
Silver	109-1	143	157	113	138	16.11	cps
Sodium	23-2	137978	138003	137343	137774	0.27	cps
Strontium	86-1	963	1017	860	947	8.41	cps
Strontium	88-1	4444	4224	3907	4192	6.44	cps
Sulfur	34-1	282124	282289	282833	282415	0.13	cps
Terbium	159-1	35555603	35232920	34656856	35148460	1.30	cps
Terbium	159-2	23211019	22863006	22893105	22989044	0.84	cps
Thallium	203-1	253	217	167	212	20.50	cps
Thallium	205-1	623	500	433	519	18.58	cps
Tin	118-1	8586	8880	8910	8792	2.03	cps
Titanium	47-1	623	530	517	557	10.44	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-07	Instrumnet Name :	P7
Client Sample ID :	GCPA0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:10:20	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83	97	67	82	18.28	cps
Vanadium	51-2	93	90	123	102	17.96	cps
Yttrium	89-1	42124416	42393826	41530712	42016318	1.05	cps
Yttrium	89-2	10436589	10368887	10389248	10398241	0.33	cps
Zinc	66-2	2880	2970	2890	2914	1.69	cps
Zirconium	90-1	2217	2334	2317	2289	2.76	cps
Zirconium	91-1	483	577	483	514	10.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:13:35	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180114	178941	180856	179970	0.54	cps
Antimony	121-1	3363038	3375680	3390234	3376317	0.40	cps
Arsenic	75-2	583838	585862	584473	584724	0.18	cps
Barium	135-1	12137487	12228304	12291391	12219061	0.63	cps
Barium	137-1	20901191	20929823	21201094	21010703	0.79	cps
Beryllium	9-1	168356	173238	171983	171192	1.48	cps
Bismuth	209-1	19976835	19820683	19511125	19769548	1.20	cps
Bismuth	209-2	15127451	15394491	15411640	15311194	1.04	cps
Bromine	81-1	17023	17080	16456	16853	2.05	cps
Bromine	81-2	317	293	323	311	5.06	cps
Cadmium	108-1	51113	51310	51474	51299	0.35	cps
Cadmium	106-1	79043	79811	79740	79532	0.53	cps
Cadmium	111-1	770477	782725	779220	777474	0.81	cps
Calcium	43-1	17767	18295	17664	17909	1.89	cps
Calcium	44-1	184348	188015	187245	186536	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2667175	2650026	2657654	2658285	0.32	cps
Cobalt	59-2	11578277	11501263	11639460	11573000	0.60	cps
Copper	63-2	10125017	10092381	10105275	10107558	0.16	cps
Dysprosium	156-1	113	77	137	109	27.78	cps
Dysprosium	156-2	460	473	587	507	13.74	cps
Erbium	164-1	87	110	160	119	31.51	cps
Erbium	164-2	77	87	73	79	8.80	cps
Gadolinium	160-1	173	137	157	156	11.80	cps
Gadolinium	160-2	1213	1073	1193	1160	6.53	cps
Holmium	165-1	33574040	33557153	33621700	33584298	0.10	cps
Holmium	165-2	22423121	22447826	22647816	22506254	0.55	cps
Indium	115-1	30485331	29745171	29686148	29972217	1.49	cps
Indium	115-2	10077282	10127097	10048095	10084158	0.40	cps
Iron	56-2	17577118	17583006	17558932	17573019	0.07	cps
Iron	57-2	448552	442116	443239	444636	0.77	cps
Iron	54-2	1052166	1060238	1063096	1058500	0.54	cps
Krypton	83-1	370	370	337	359	5.36	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:13:35	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8157008	8142866	8205408	8168428	0.40	cps
Lead	207-1	6836505	6868239	6736413	6813719	1.01	cps
Lead	208-1	31546771	31693666	31377516	31539318	0.50	cps
Lithium	6-1	3021662	2995364	3035255	3017427	0.67	cps
Magnesium	24-2	2170	2077	2113	2120	2.22	cps
Manganese	55-2	12239072	12261653	12304602	12268442	0.27	cps
Molybdenum	94-1	3498870	3512680	3538651	3516734	0.57	cps
Molybdenum	95-1	6160936	6201271	6121944	6161383	0.64	cps
Molybdenum	96-1	6630661	6663846	6652259	6648922	0.25	cps
Molybdenum	97-1	3829412	3892467	3897522	3873133	0.98	cps
Molybdenum	98-1	9855552	9994846	9808600	9886333	0.98	cps
Neodymium	150-1	500	483	463	482	3.81	cps
Neodymium	150-2	77	43	90	70	34.34	cps
Nickel	60-2	3525045	3568450	3559549	3551015	0.65	cps
Phosphorus	31-2	207	247	233	229	8.90	cps
Potassium	39-2	80330	82408	82351	81696	1.45	cps
Rhodium	103-1	29289973	29247129	28692637	29076580	1.15	cps
Rhodium	103-2	16703945	16970261	16951856	16875354	0.88	cps
Scandium	45-1	16252834	16365367	16189365	16269189	0.55	cps
Scandium	45-2	1316974	1308564	1316001	1313846	0.35	cps
Selenium	82-1	296320	299188	297757	297755	0.48	cps
Selenium	77-2	28030	27215	27779	27675	1.51	cps
Selenium	78-2	93019	93711	93338	93356	0.37	cps
Silicon	28-1	2642082	2657348	2661080	2653503	0.38	cps
Silver	107-1	22070773	22144306	22014872	22076651	0.29	cps
Silver	109-1	20678842	20930004	20966946	20858597	0.75	cps
Sodium	23-2	81021	81494	81484	81333	0.33	cps
Strontium	86-1	3210785	3286122	3300582	3265830	1.48	cps
Strontium	88-1	28606660	28861740	28713430	28727277	0.45	cps
Sulfur	34-1	268703	261491	253658	261284	2.88	cps
Terbium	159-1	34871724	34621429	34329933	34607695	0.78	cps
Terbium	159-2	22520326	22586815	22695929	22601023	0.39	cps
Thallium	203-1	6484469	6458420	6568865	6503918	0.89	cps
Thallium	205-1	15552088	15386523	15394779	15444464	0.60	cps
Tin	118-1	3867	3977	3921	3922	1.40	cps
Titanium	47-1	557	547	583	562	3.37	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:13:35	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	60	80	60	33.33	cps
Vanadium	51-2	14656308	14434535	14689406	14593416	0.95	cps
Yttrium	89-1	41017021	40596285	40145528	40586278	1.07	cps
Yttrium	89-2	10018427	10139714	10169122	10109087	0.79	cps
Zinc	66-2	918626	917115	922317	919352	0.29	cps
Zirconium	90-1	21162	21359	21182	21234	0.51	cps
Zirconium	91-1	5534	5658	5875	5689	3.03	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DLX2	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 20:16:26	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90951	90344	93184	91493	1.63	cps
Antimony	121-1	1651153	1663567	1654582	1656434	0.39	cps
Arsenic	75-2	291371	291563	294399	292444	0.58	cps
Barium	135-1	6064754	6101052	6177423	6114410	0.94	cps
Barium	137-1	10434833	10417550	10521467	10457950	0.53	cps
Beryllium	9-1	83685	82317	82043	82681	1.06	cps
Bismuth	209-1	19728111	19693021	19866677	19762603	0.46	cps
Bismuth	209-2	15594286	15425937	15342356	15454193	0.83	cps
Bromine	81-1	16046	15982	16082	16037	0.32	cps
Bromine	81-2	213	217	187	206	8.00	cps
Cadmium	108-1	25746	26160	25372	25760	1.53	cps
Cadmium	106-1	44772	45324	44809	44968	0.69	cps
Cadmium	111-1	385459	389117	390104	388227	0.63	cps
Calcium	43-1	10110	9690	9877	9892	2.13	cps
Calcium	44-1	127743	128309	127028	127693	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1299547	1292282	1303079	1298303	0.42	cps
Cobalt	59-2	5734159	5756556	5711532	5734082	0.39	cps
Copper	63-2	4976416	4991610	4927751	4965259	0.67	cps
Dysprosium	156-1	63	53	50	56	12.49	cps
Dysprosium	156-2	220	230	257	236	8.05	cps
Erbium	164-1	157	140	163	153	7.84	cps
Erbium	164-2	107	160	110	126	23.79	cps
Gadolinium	160-1	157	150	123	143	12.30	cps
Gadolinium	160-2	1097	1223	1130	1150	5.71	cps
Holmium	165-1	32831440	33511839	33236930	33193403	1.03	cps
Holmium	165-2	22879279	22915708	22602141	22799042	0.75	cps
Indium	115-1	29748833	29913891	29925219	29862648	0.33	cps
Indium	115-2	10228840	10179711	10290452	10233001	0.54	cps
Iron	56-2	8759961	8631861	8778101	8723308	0.91	cps
Iron	57-2	223383	221993	222192	222523	0.34	cps
Iron	54-2	531010	530578	531044	530877	0.05	cps
Krypton	83-1	303	340	407	350	14.97	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DLX2	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 20:16:26	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4041562	4068174	4165726	4091821	1.60	cps
Lead	207-1	3410781	3425221	3501008	3445670	1.41	cps
Lead	208-1	15614907	15680880	15991899	15762562	1.28	cps
Lithium	6-1	2953612	2954348	2953038	2953666	0.02	cps
Magnesium	24-2	3281	2314	2107	2567	24.41	cps
Manganese	55-2	6139803	6029529	6089426	6086253	0.91	cps
Molybdenum	94-1	1719326	1763950	1790462	1757913	2.05	cps
Molybdenum	95-1	3061324	3115428	3097677	3091476	0.89	cps
Molybdenum	96-1	3314814	3308479	3309152	3310815	0.11	cps
Molybdenum	97-1	1901547	1943129	1873260	1905979	1.84	cps
Molybdenum	98-1	4911153	4882081	4892829	4895354	0.30	cps
Neodymium	150-1	260	223	227	237	8.57	cps
Neodymium	150-2	30	40	43	38	18.36	cps
Nickel	60-2	1755849	1772394	1803504	1777249	1.36	cps
Phosphorus	31-2	163	273	203	213	26.10	cps
Potassium	39-2	79151	78980	79352	79161	0.24	cps
Rhodium	103-1	29272744	28952830	29078452	29101342	0.55	cps
Rhodium	103-2	17135307	17065354	17085812	17095491	0.21	cps
Scandium	45-1	16319373	16490344	16159655	16323124	1.01	cps
Scandium	45-2	1348966	1314555	1309807	1324443	1.61	cps
Selenium	82-1	146305	146108	147520	146644	0.52	cps
Selenium	77-2	13596	13553	13853	13667	1.19	cps
Selenium	78-2	47095	46382	47228	46902	0.97	cps
Silicon	28-1	2029357	2069406	2046675	2048480	0.98	cps
Silver	107-1	10716441	10874748	10959006	10850065	1.14	cps
Silver	109-1	10244832	10320082	10276913	10280609	0.37	cps
Sodium	23-2	70273	68582	69359	69404	1.22	cps
Strontium	86-1	1644930	1611569	1640523	1632341	1.11	cps
Strontium	88-1	14264621	14237060	14312128	14271270	0.27	cps
Sulfur	34-1	245541	241211	240628	242460	1.11	cps
Terbium	159-1	34606575	34699630	34231257	34512488	0.72	cps
Terbium	159-2	22733313	23134728	22708435	22858825	1.05	cps
Thallium	203-1	3205118	3221568	3251949	3226211	0.74	cps
Thallium	205-1	7517334	7657481	7702408	7625741	1.27	cps
Tin	118-1	4104	3934	3901	3979	2.74	cps
Titanium	47-1	350	333	453	379	17.16	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DLX2	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	2
Date & Time Acquired :	2024-11-12 20:16:26	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	67	37	53	28.64	cps
Vanadium	51-2	7293897	7174616	7221487	7230000	0.83	cps
Yttrium	89-1	41247777	40589645	40916080	40917834	0.80	cps
Yttrium	89-2	10218599	10239759	10071604	10176654	0.90	cps
Zinc	66-2	460762	462951	460430	461381	0.30	cps
Zirconium	90-1	12198	11892	11848	11979	1.59	cps
Zirconium	91-1	3110	3130	3300	3180	3.28	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:19:17	DataFile Name :	140CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23567025	23969180	23577360	23704521	0.97	cps
Antimony	121-1	11853861	11960024	11996821	11936902	0.62	cps
Arsenic	75-2	658337	657169	654821	656776	0.27	cps
Barium	135-1	14343328	14568242	14532424	14481331	0.83	cps
Barium	137-1	24792071	24754263	25113220	24886518	0.79	cps
Beryllium	9-1	1094880	1101930	1114740	1103850	0.91	cps
Bismuth	209-1	17269339	17639418	17262971	17390576	1.24	cps
Bismuth	209-2	13528299	13650757	13528861	13569306	0.52	cps
Bromine	81-1	15922	15722	15732	15792	0.71	cps
Bromine	81-2	193	237	223	218	10.19	cps
Cadmium	108-1	230777	234214	233192	232728	0.76	cps
Cadmium	106-1	334386	340211	334765	336454	0.97	cps
Cadmium	111-1	3162779	3164067	3132912	3153252	0.56	cps
Calcium	43-1	15422273	15575359	15747559	15581730	1.04	cps
Calcium	44-1	249200250	253007516	253142890	251783552	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4910391	4815200	4907696	4877763	1.11	cps
Cobalt	59-2	7978938	7997863	8002322	7993041	0.16	cps
Copper	63-2	58778971	59296659	58703124	58926251	0.55	cps
Dysprosium	156-1	570	560	580	570	1.75	cps
Dysprosium	156-2	800	847	937	861	8.07	cps
Erbium	164-1	623	577	660	620	6.74	cps
Erbium	164-2	377	427	413	406	6.38	cps
Gadolinium	160-1	587	567	573	576	1.77	cps
Gadolinium	160-2	1463	1310	1397	1390	5.53	cps
Holmium	165-1	32175124	32279567	31899243	32117978	0.61	cps
Holmium	165-2	21911698	21785863	21605756	21767772	0.71	cps
Indium	115-1	27254764	27558276	27631733	27481591	0.73	cps
Indium	115-2	9505012	9374399	9371631	9417014	0.81	cps
Iron	56-2	1082271851	1081214304	1070186837	1077890997	0.62	cps
Iron	57-2	27198867	27096005	26936900	27077257	0.49	cps
Iron	54-2	58643406	58786276	59332629	58920770	0.62	cps
Krypton	83-1	370	367	343	360	4.04	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:19:17	DataFile Name :	140CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39339144	39695808	39131506	39388819	0.72	cps
Lead	207-1	33976109	34439357	34194364	34203277	0.68	cps
Lead	208-1	154943805	156715899	155919033	155859579	0.57	cps
Lithium	6-1	2800120	2842056	2890681	2844286	1.59	cps
Magnesium	24-2	206209304	205272844	206071277	205851141	0.25	cps
Manganese	55-2	36747723	36528984	36355997	36544235	0.54	cps
Molybdenum	94-1	44849781	45415753	45035273	45100269	0.64	cps
Molybdenum	95-1	64568614	65081524	64666597	64772245	0.42	cps
Molybdenum	96-1	70315299	71446329	71181312	70980980	0.83	cps
Molybdenum	97-1	40163857	40606734	40271734	40347442	0.57	cps
Molybdenum	98-1	103598415	104170955	103113655	103627675	0.51	cps
Neodymium	150-1	687	797	690	724	8.64	cps
Neodymium	150-2	260	263	220	248	9.73	cps
Nickel	60-2	2040116	2047600	2041943	2043219	0.19	cps
Phosphorus	31-2	237438	235406	235336	236060	0.51	cps
Potassium	39-2	125988988	124852981	125306528	125382833	0.46	cps
Rhodium	103-1	25548503	25892910	25819994	25753802	0.70	cps
Rhodium	103-2	14963235	14970254	14982904	14972131	0.07	cps
Scandium	45-1	15749704	15877386	15873868	15833652	0.46	cps
Scandium	45-2	1282552	1265227	1291912	1279897	1.06	cps
Selenium	82-1	189512	190201	190439	190050	0.25	cps
Selenium	77-2	17761	17747	17904	17804	0.49	cps
Selenium	78-2	61400	61112	61808	61440	0.57	cps
Silicon	28-1	7669526	7793407	7866093	7776342	1.28	cps
Silver	107-1	16105476	15932355	15962019	15999950	0.58	cps
Silver	109-1	15285972	15336811	15168439	15263741	0.57	cps
Sodium	23-2	322042989	326449008	321918502	323470166	0.80	cps
Strontium	86-1	4016690	4086944	4052941	4052191	0.87	cps
Strontium	88-1	35405130	35790200	35438089	35544473	0.60	cps
Sulfur	34-1	1174810	1057507	1172731	1135016	5.91	cps
Terbium	159-1	32922726	33188346	33154267	33088446	0.44	cps
Terbium	159-2	21885814	21769377	21397725	21684305	1.18	cps
Thallium	203-1	9918578	9973759	9747204	9879847	1.20	cps
Thallium	205-1	23406085	23884592	23522615	23604431	1.06	cps
Tin	118-1	9873565	9947025	10083154	9967915	1.07	cps
Titanium	47-1	15036810	15261769	15230883	15176487	0.80	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:19:17	DataFile Name :	140CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29628829	30710088	30080962	30139960	1.80	cps
Vanadium	51-2	4216186	4225666	4233051	4224968	0.20	cps
Yttrium	89-1	38398299	39457490	38859633	38905141	1.37	cps
Yttrium	89-2	9815809	9704434	9808929	9776391	0.64	cps
Zinc	66-2	9258745	9351423	9287545	9299238	0.51	cps
Zirconium	90-1	21835780	21925086	21846661	21869176	0.22	cps
Zirconium	91-1	4828741	4871377	4816913	4839010	0.59	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:22:01	DataFile Name :	141CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	413	377	436	16.67	cps
Antimony	121-1	4181	5124	6108	5138	18.76	cps
Arsenic	75-2	33	13	40	29	48.05	cps
Barium	135-1	1413	730	467	870	56.16	cps
Barium	137-1	2110	1203	840	1385	47.25	cps
Beryllium	9-1	200	122	117	146	31.84	cps
Bismuth	209-1	18874756	19553831	19357116	19261901	1.81	cps
Bismuth	209-2	15482213	15441505	15517822	15480514	0.25	cps
Bromine	81-1	15325	15261	15455	15347	0.64	cps
Bromine	81-2	177	163	220	187	15.87	cps
Cadmium	108-1	50	70	40	53	28.64	cps
Cadmium	106-1	10407	10467	9767	10214	3.80	cps
Cadmium	111-1	7637	7475	6985	7366	4.60	cps
Calcium	43-1	2264	1717	1430	1803	23.48	cps
Calcium	44-1	79185	70372	64429	71329	10.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1777	1760	1560	1699	7.10	cps
Cobalt	59-2	267	247	250	254	4.21	cps
Copper	63-2	3234	2914	2824	2990	7.21	cps
Dysprosium	156-1	23	40	20	28	38.58	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	100	133	140	124	17.22	cps
Erbium	164-2	113	83	123	107	19.52	cps
Gadolinium	160-1	153	163	130	149	11.49	cps
Gadolinium	160-2	1123	1017	1193	1111	8.01	cps
Holmium	165-1	32047285	32920961	32173137	32380461	1.46	cps
Holmium	165-2	22971944	23010489	22912582	22965005	0.21	cps
Indium	115-1	28697419	29490721	29896949	29361696	2.08	cps
Indium	115-2	10308629	10290664	10339420	10312904	0.24	cps
Iron	56-2	38680	35362	32505	35515	8.70	cps
Iron	57-2	1990	2080	1787	1952	7.70	cps
Iron	54-2	4484	4497	4561	4514	0.91	cps
Krypton	83-1	313	307	377	332	11.63	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:22:01	DataFile Name :	141CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4211	2784	1920	2971	38.93	cps
Lead	207-1	3477	2174	1690	2447	37.78	cps
Lead	208-1	16197	10375	7474	11349	39.14	cps
Lithium	6-1	3009314	3144516	3123477	3092436	2.35	cps
Magnesium	24-2	3864	3414	2994	3424	12.71	cps
Manganese	55-2	900	740	720	787	12.54	cps
Molybdenum	94-1	5751	4104	3547	4467	25.65	cps
Molybdenum	95-1	6472	4061	3140	4558	37.75	cps
Molybdenum	96-1	6968	4848	3927	5248	29.72	cps
Molybdenum	97-1	4071	2410	2220	2900	35.10	cps
Molybdenum	98-1	10417	6785	5181	7461	35.96	cps
Neodymium	150-1	10	10	20	13	43.30	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	323	220	180	241	30.68	cps
Phosphorus	31-2	320	233	240	264	18.24	cps
Potassium	39-2	85525	85186	83102	84604	1.55	cps
Rhodium	103-1	28177200	28755413	28761167	28564593	1.17	cps
Rhodium	103-2	17202609	17236313	17207258	17215393	0.11	cps
Scandium	45-1	15989301	16302079	16218206	16169862	1.00	cps
Scandium	45-2	1357489	1350366	1354674	1354177	0.26	cps
Selenium	82-1	1766	1917	1909	1864	4.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	613	610	567	597	4.36	cps
Silicon	28-1	1540294	1505842	1498277	1514804	1.48	cps
Silver	107-1	1817	1317	917	1350	33.40	cps
Silver	109-1	1637	997	783	1139	39.00	cps
Sodium	23-2	61787	60214	59193	60398	2.16	cps
Strontium	86-1	1040	850	707	866	19.32	cps
Strontium	88-1	3944	2317	1633	2631	45.11	cps
Sulfur	34-1	279218	279965	280113	279765	0.17	cps
Terbium	159-1	33242295	34171320	33799893	33737836	1.39	cps
Terbium	159-2	22732844	22749650	22616727	22699740	0.32	cps
Thallium	203-1	2217	1717	1370	1768	24.08	cps
Thallium	205-1	4948	3944	3487	4126	18.11	cps
Tin	118-1	5021	4634	4394	4683	6.75	cps
Titanium	47-1	1617	943	610	1057	48.53	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:22:01	DataFile Name :	141CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2640	1427	910	1659	53.54	cps
Vanadium	51-2	80	63	103	82	24.44	cps
Yttrium	89-1	39032136	40042819	40182964	39752640	1.58	cps
Yttrium	89-2	10316182	10320519	10332941	10323214	0.08	cps
Zinc	66-2	1417	1317	1240	1325	6.69	cps
Zirconium	90-1	5611	5064	5171	5282	5.49	cps
Zirconium	91-1	1263	1000	1177	1147	11.70	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:25:16	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39210	39437	39210	39286	0.33	cps
Antimony	121-1	679986	682055	680381	680807	0.16	cps
Arsenic	75-2	122554	120273	121432	121419	0.94	cps
Barium	135-1	2479581	2464067	2444297	2462649	0.72	cps
Barium	137-1	4246981	4282891	4322302	4284058	0.88	cps
Beryllium	9-1	35067	35780	35747	35532	1.13	cps
Bismuth	209-1	19684967	19384296	19427752	19499005	0.83	cps
Bismuth	209-2	15369350	15861470	15458841	15563220	1.68	cps
Bromine	81-1	16262	16299	16339	16300	0.24	cps
Bromine	81-2	167	183	143	164	12.22	cps
Cadmium	108-1	10324	10594	10597	10505	1.49	cps
Cadmium	106-1	24868	24895	25275	25013	0.91	cps
Cadmium	111-1	164767	164410	164116	164431	0.20	cps
Calcium	43-1	5234	5041	4968	5081	2.71	cps
Calcium	44-1	98948	93588	95424	95987	2.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	538622	538175	542894	539897	0.48	cps
Cobalt	59-2	2370799	2386630	2396010	2384480	0.53	cps
Copper	63-2	2074108	2024189	2026107	2041468	1.39	cps
Dysprosium	156-1	23	23	50	32	47.79	cps
Dysprosium	156-2	107	83	130	107	21.88	cps
Erbium	164-1	120	133	137	130	6.79	cps
Erbium	164-2	97	87	93	92	5.52	cps
Gadolinium	160-1	150	190	143	161	15.66	cps
Gadolinium	160-2	1197	1227	1160	1195	2.80	cps
Holmium	165-1	33412290	33590971	33239295	33414185	0.53	cps
Holmium	165-2	23050579	23250703	22809012	23036765	0.96	cps
Indium	115-1	29932821	30441148	30096174	30156714	0.86	cps
Indium	115-2	10334627	10604781	10486740	10475383	1.29	cps
Iron	56-2	3664151	3623363	3611111	3632875	0.76	cps
Iron	57-2	92583	93435	93190	93069	0.47	cps
Iron	54-2	225207	221085	220690	222327	1.13	cps
Krypton	83-1	327	297	377	333	12.13	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:25:16	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1641025	1657341	1638285	1645550	0.63	cps
Lead	207-1	1356641	1361058	1352906	1356869	0.30	cps
Lead	208-1	6350288	6337326	6291090	6326235	0.49	cps
Lithium	6-1	3092483	3218518	3124148	3145050	2.08	cps
Magnesium	24-2	2340	2324	2387	2350	1.40	cps
Manganese	55-2	2571473	2514935	2514920	2533776	1.29	cps
Molybdenum	94-1	700727	715043	708322	708031	1.01	cps
Molybdenum	95-1	1236481	1237738	1242020	1238746	0.23	cps
Molybdenum	96-1	1321328	1341391	1331024	1331248	0.75	cps
Molybdenum	97-1	781095	782283	775979	779786	0.43	cps
Molybdenum	98-1	2061868	2044176	2027988	2044677	0.83	cps
Neodymium	150-1	90	113	110	104	12.08	cps
Neodymium	150-2	43	33	37	38	13.48	cps
Nickel	60-2	718783	714778	716496	716686	0.28	cps
Phosphorus	31-2	233	263	267	254	7.21	cps
Potassium	39-2	84989	86320	85686	85665	0.78	cps
Rhodium	103-1	29913347	29050958	29696543	29553616	1.52	cps
Rhodium	103-2	17226663	17791103	17372497	17463421	1.68	cps
Scandium	45-1	16787875	16981506	16563356	16777579	1.25	cps
Scandium	45-2	1378803	1369946	1365190	1371313	0.50	cps
Selenium	82-1	60336	61752	61841	61310	1.38	cps
Selenium	77-2	5714	5861	6011	5862	2.53	cps
Selenium	78-2	19683	19687	19393	19588	0.86	cps
Silicon	28-1	1744204	1769823	1780809	1764945	1.06	cps
Silver	107-1	4470900	4438030	4422018	4443649	0.56	cps
Silver	109-1	4234969	4243599	4188492	4222353	0.70	cps
Sodium	23-2	64926	65150	66014	65363	0.88	cps
Strontium	86-1	653790	661724	657907	657807	0.60	cps
Strontium	88-1	5823575	5908323	5813695	5848531	0.89	cps
Sulfur	34-1	287555	287251	288093	287633	0.15	cps
Terbium	159-1	34301994	34491977	34541379	34445117	0.37	cps
Terbium	159-2	22811370	23019456	22922379	22917735	0.45	cps
Thallium	203-1	1296633	1309401	1301509	1302514	0.49	cps
Thallium	205-1	3018211	3131477	3086692	3078794	1.85	cps
Tin	118-1	4571	4037	4144	4251	6.65	cps
Titanium	47-1	453	377	340	390	14.83	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:25:16	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	440	110	43	198	107.41	cps
Vanadium	51-2	3039162	3033814	3003836	3025604	0.63	cps
Yttrium	89-1	41079542	41419256	41099164	41199320	0.46	cps
Yttrium	89-2	10327969	10487517	10253306	10356264	1.16	cps
Zinc	66-2	191290	192987	191350	191875	0.50	cps
Zirconium	90-1	6285	6411	6658	6451	2.94	cps
Zirconium	91-1	1603	1570	1623	1599	1.69	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2REX5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:28:35	DataFile Name :	143CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39370	39203	38639	39071	0.98	cps
Antimony	121-1	678746	684301	684616	682554	0.48	cps
Arsenic	75-2	122682	119906	121939	121509	1.18	cps
Barium	135-1	2466960	2509503	2491686	2489383	0.86	cps
Barium	137-1	4237271	4295218	4308815	4280435	0.89	cps
Beryllium	9-1	34761	35468	35708	35313	1.39	cps
Bismuth	209-1	19584945	19457305	19501801	19514684	0.33	cps
Bismuth	209-2	15396863	15667294	15510351	15524836	0.87	cps
Bromine	81-1	16596	16770	16479	16615	0.88	cps
Bromine	81-2	170	203	210	194	11.02	cps
Cadmium	108-1	10724	10410	10584	10573	1.49	cps
Cadmium	106-1	24614	24451	24658	24574	0.44	cps
Cadmium	111-1	164837	165138	164258	164744	0.27	cps
Calcium	43-1	5008	5138	5338	5161	3.22	cps
Calcium	44-1	94704	94000	94188	94297	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	540617	541433	539443	540498	0.19	cps
Cobalt	59-2	2399054	2379093	2377448	2385198	0.50	cps
Copper	63-2	2059208	2082174	2093218	2078200	0.83	cps
Dysprosium	156-1	47	20	37	34	39.11	cps
Dysprosium	156-2	120	113	90	108	14.62	cps
Erbium	164-1	153	157	137	149	7.20	cps
Erbium	164-2	97	77	73	82	15.35	cps
Gadolinium	160-1	203	163	173	180	11.56	cps
Gadolinium	160-2	1210	1153	1187	1183	2.41	cps
Holmium	165-1	33303880	33245107	33425101	33324696	0.28	cps
Holmium	165-2	22967559	23157045	22790425	22971677	0.80	cps
Indium	115-1	30608242	30458771	30390751	30485921	0.36	cps
Indium	115-2	10465315	10410575	10447369	10441086	0.27	cps
Iron	56-2	3683073	3662863	3654215	3666717	0.40	cps
Iron	57-2	95377	92472	92751	93533	1.71	cps
Iron	54-2	225842	222392	224405	224213	0.77	cps
Krypton	83-1	410	307	327	348	15.76	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2REX5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:28:35	DataFile Name :	143CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1626515	1645755	1641284	1637851	0.61	cps
Lead	207-1	1346472	1355945	1370270	1357562	0.88	cps
Lead	208-1	6274242	6348055	6357847	6326715	0.72	cps
Lithium	6-1	3208237	3043945	3195564	3149249	2.90	cps
Magnesium	24-2	2234	2184	2117	2178	2.69	cps
Manganese	55-2	2576982	2572587	2563564	2571044	0.27	cps
Molybdenum	94-1	706101	714991	714529	711873	0.70	cps
Molybdenum	95-1	1236727	1242293	1248274	1242432	0.46	cps
Molybdenum	96-1	1331643	1341737	1335130	1336170	0.38	cps
Molybdenum	97-1	773199	782346	783547	779698	0.73	cps
Molybdenum	98-1	1986714	2009674	2033576	2009988	1.17	cps
Neodymium	150-1	103	93	103	100	5.77	cps
Neodymium	150-2	40	30	17	29	40.51	cps
Nickel	60-2	715730	714659	713943	714777	0.13	cps
Phosphorus	31-2	193	260	237	230	14.71	cps
Potassium	39-2	84798	83758	84607	84388	0.66	cps
Rhodium	103-1	29619523	29478004	29757075	29618201	0.47	cps
Rhodium	103-2	17413991	17483400	17409781	17435724	0.24	cps
Scandium	45-1	16933999	16906868	16872211	16904359	0.18	cps
Scandium	45-2	1389321	1380779	1387750	1385950	0.33	cps
Selenium	82-1	61013	62182	61711	61635	0.95	cps
Selenium	77-2	5925	5911	5704	5847	2.11	cps
Selenium	78-2	19843	19586	19947	19792	0.94	cps
Silicon	28-1	1768930	1780555	1781275	1776920	0.39	cps
Silver	107-1	4452935	4477699	4538778	4489804	0.98	cps
Silver	109-1	4208598	4234470	4243322	4228797	0.43	cps
Sodium	23-2	64066	64180	64123	64123	0.09	cps
Strontium	86-1	648825	661210	660875	656970	1.07	cps
Strontium	88-1	5858769	5820606	5863064	5847480	0.40	cps
Sulfur	34-1	291326	289138	286343	288936	0.86	cps
Terbium	159-1	34650100	34854599	34531727	34678809	0.47	cps
Terbium	159-2	22883210	23190065	22757461	22943579	0.97	cps
Thallium	203-1	1281732	1289679	1307539	1292983	1.02	cps
Thallium	205-1	3055511	3087594	3096206	3079770	0.70	cps
Tin	118-1	4101	3941	4041	4027	2.01	cps
Titanium	47-1	337	347	410	364	10.91	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4787-08DL2REX5	Instrumnet Name :	P7
Client Sample ID :	GCPA1	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 20:28:35	DataFile Name :	143CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	80	37	50	56	39.95	cps
Vanadium	51-2	3008627	2982312	3019338	3003425	0.63	cps
Yttrium	89-1	42279973	41309286	41738077	41775779	1.16	cps
Yttrium	89-2	10519191	10388612	10444300	10450701	0.63	cps
Zinc	66-2	194903	192926	191265	193031	0.94	cps
Zirconium	90-1	5758	6261	6275	6098	4.83	cps
Zirconium	91-1	1607	1623	1560	1597	2.06	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BL	Instrumnet Name :	P7
Client Sample ID :	PBS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:31:36	DataFile Name :	144LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	327	277	293	299	8.52	cps
Antimony	121-1	393	490	567	483	17.97	cps
Arsenic	75-2	30	10	20	20	50.00	cps
Barium	135-1	330	227	180	246	31.26	cps
Barium	137-1	473	420	290	394	23.91	cps
Beryllium	9-1	67	61	50	59	14.32	cps
Bismuth	209-1	19481343	19580221	19312766	19458110	0.69	cps
Bismuth	209-2	15457114	15355406	15440693	15417738	0.35	cps
Bromine	81-1	16312	15939	16316	16189	1.34	cps
Bromine	81-2	160	153	127	147	12.03	cps
Cadmium	108-1	27	23	40	30	29.40	cps
Cadmium	106-1	10687	10447	10227	10454	2.20	cps
Cadmium	111-1	7492	7323	7174	7330	2.17	cps
Calcium	43-1	1090	1190	1103	1128	4.81	cps
Calcium	44-1	59158	60073	60122	59784	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1787	1733	1583	1701	6.20	cps
Cobalt	59-2	247	197	230	224	11.34	cps
Copper	63-2	2387	2230	2320	2312	3.40	cps
Dysprosium	156-1	17	20	27	21	24.12	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	103	153	170	142	24.40	cps
Erbium	164-2	117	100	140	119	16.90	cps
Gadolinium	160-1	170	183	167	173	5.09	cps
Gadolinium	160-2	1093	1140	1147	1127	2.58	cps
Holmium	165-1	32691006	33034463	32845645	32857038	0.52	cps
Holmium	165-2	22517273	22765186	22877659	22720039	0.81	cps
Indium	115-1	29748555	30051987	30077186	29959243	0.61	cps
Indium	115-2	10449698	10364072	10319906	10377892	0.64	cps
Iron	56-2	24941	24697	25091	24910	0.80	cps
Iron	57-2	1640	1633	1870	1715	7.86	cps
Iron	54-2	4221	3801	3921	3981	5.44	cps
Krypton	83-1	370	407	320	366	11.90	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BL	Instrumnet Name :	P7
Client Sample ID :	PBS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:31:36	DataFile Name :	144LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	973	830	863	889	8.44	cps
Lead	207-1	807	660	713	727	10.22	cps
Lead	208-1	3830	3267	3300	3466	9.12	cps
Lithium	6-1	3141399	3092288	3056996	3096894	1.37	cps
Magnesium	24-2	2097	1960	1803	1953	7.51	cps
Manganese	55-2	570	660	530	587	11.35	cps
Molybdenum	94-1	830	963	867	887	7.77	cps
Molybdenum	95-1	317	233	257	269	15.99	cps
Molybdenum	96-1	490	453	483	476	4.11	cps
Molybdenum	97-1	193	157	203	184	13.32	cps
Molybdenum	98-1	447	383	383	404	9.04	cps
Neodymium	150-1	7	40	7	18	108.23	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	230	267	227	241	9.21	cps
Phosphorus	31-2	313	247	313	291	13.22	cps
Potassium	39-2	81433	82217	82130	81927	0.52	cps
Rhodium	103-1	29326433	29249163	29147244	29240947	0.31	cps
Rhodium	103-2	17468608	17311019	17133061	17304229	0.97	cps
Scandium	45-1	16644204	16523304	16533226	16566911	0.41	cps
Scandium	45-2	1398163	1376088	1358108	1377453	1.46	cps
Selenium	82-1	1891	1969	1909	1923	2.13	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	670	550	633	618	9.95	cps
Silicon	28-1	1527825	1546252	1517026	1530368	0.97	cps
Silver	107-1	820	657	613	697	15.64	cps
Silver	109-1	770	503	510	594	25.58	cps
Sodium	23-2	54690	54215	55008	54638	0.73	cps
Strontium	86-1	683	683	637	668	4.03	cps
Strontium	88-1	1357	1277	1140	1258	8.71	cps
Sulfur	34-1	287137	290493	292174	289935	0.88	cps
Terbium	159-1	33732451	34273979	34197647	34068026	0.86	cps
Terbium	159-2	22885013	22854988	22514092	22751364	0.91	cps
Thallium	203-1	883	810	747	813	8.41	cps
Thallium	205-1	1953	1803	1770	1842	5.30	cps
Tin	118-1	3674	3881	3614	3723	3.76	cps
Titanium	47-1	223	233	190	216	10.53	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BL	Instrumnet Name :	P7
Client Sample ID :	PBS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:31:36	DataFile Name :	144LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50	50	53	51	3.76	cps
Vanadium	51-2	43	30	60	44	33.82	cps
Yttrium	89-1	40265284	40796000	41031059	40697448	0.96	cps
Yttrium	89-2	10402127	10383966	10378358	10388150	0.12	cps
Zinc	66-2	1360	1303	1503	1389	7.42	cps
Zirconium	90-1	1943	2150	2310	2135	8.61	cps
Zirconium	91-1	427	450	490	456	7.03	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BS	Instrumnet Name :	P7
Client Sample ID :	LCS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:39:03	DataFile Name :	146LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21886	21645	21071	21534	1.94	cps
Antimony	121-1	109264	110168	110279	109904	0.51	cps
Arsenic	75-2	3104	3094	3004	3067	1.80	cps
Barium	135-1	127589	129866	128547	128667	0.89	cps
Barium	137-1	219330	220653	223350	221111	0.93	cps
Beryllium	9-1	4895	5473	5179	5182	5.58	cps
Bismuth	209-1	18907098	18851926	18866681	18875235	0.15	cps
Bismuth	209-2	14992320	15340816	14941351	15091495	1.44	cps
Bromine	81-1	15969	16232	16413	16205	1.38	cps
Bromine	81-2	130	173	137	147	15.91	cps
Cadmium	108-1	1027	1117	990	1044	6.24	cps
Cadmium	106-1	11721	11952	11284	11653	2.91	cps
Cadmium	111-1	22331	22919	22257	22502	1.61	cps
Calcium	43-1	73440	73839	74944	74074	1.05	cps
Calcium	44-1	1205073	1209636	1212666	1209125	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47321	48213	47678	47738	0.94	cps
Cobalt	59-2	37794	37654	37427	37625	0.49	cps
Copper	63-2	60103	59929	59919	59984	0.17	cps
Dysprosium	156-1	30	20	33	28	24.98	cps
Dysprosium	156-2	13	30	30	24	39.37	cps
Erbium	164-1	177	123	127	142	21.01	cps
Erbium	164-2	93	123	97	104	15.75	cps
Gadolinium	160-1	133	170	170	158	13.41	cps
Gadolinium	160-2	1210	1140	1167	1172	3.01	cps
Holmium	165-1	32279243	32674380	32862095	32605240	0.91	cps
Holmium	165-2	22417745	22661007	22293168	22457307	0.83	cps
Indium	115-1	29846905	29460892	29549085	29618961	0.68	cps
Indium	115-2	10450097	10312310	10152108	10304838	1.45	cps
Iron	56-2	4263971	4226679	4181996	4224215	0.97	cps
Iron	57-2	109901	109818	109035	109585	0.44	cps
Iron	54-2	239215	236967	238849	238344	0.51	cps
Krypton	83-1	353	337	340	343	2.57	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BS	Instrumnet Name :	P7
Client Sample ID :	LCS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:39:03	DataFile Name :	146LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	37354	37999	37826	37727	0.88	cps
Lead	207-1	32733	32933	32870	32845	0.31	cps
Lead	208-1	149239	149455	149563	149419	0.11	cps
Lithium	6-1	3133336	3125988	3182058	3147128	0.97	cps
Magnesium	24-2	935187	928941	922172	928766	0.70	cps
Manganese	55-2	18418	17928	17884	18077	1.64	cps
Molybdenum	94-1	118142	118602	119566	118770	0.61	cps
Molybdenum	95-1	142526	143286	144407	143406	0.66	cps
Molybdenum	96-1	159387	160790	161537	160571	0.68	cps
Molybdenum	97-1	89780	89458	90257	89832	0.45	cps
Molybdenum	98-1	228994	230785	230724	230168	0.44	cps
Neodymium	150-1	20	23	17	20	16.65	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	10297	10127	10000	10141	1.47	cps
Phosphorus	31-2	230	243	243	239	3.22	cps
Potassium	39-2	1232784	1210082	1238905	1227257	1.24	cps
Rhodium	103-1	28967199	29199722	28843102	29003341	0.62	cps
Rhodium	103-2	17047546	17265982	17119603	17144377	0.65	cps
Scandium	45-1	16647454	16680331	16753414	16693733	0.32	cps
Scandium	45-2	1356539	1382658	1363351	1367516	0.99	cps
Selenium	82-1	6196	6297	6383	6292	1.48	cps
Selenium	77-2	483	417	437	446	7.68	cps
Selenium	78-2	2063	1803	2140	2002	8.81	cps
Silicon	28-1	1809339	1807246	1789741	1802109	0.60	cps
Silver	107-1	72835	73947	74390	73724	1.09	cps
Silver	109-1	70544	70768	70470	70594	0.22	cps
Sodium	23-2	1525676	1569610	1561073	1552120	1.50	cps
Strontium	86-1	18622	18669	18488	18593	0.50	cps
Strontium	88-1	157443	157456	157941	157613	0.18	cps
Sulfur	34-1	311599	317559	319455	316205	1.30	cps
Terbium	159-1	33527403	33601609	33486545	33538519	0.17	cps
Terbium	159-2	22468408	22521904	22432375	22474229	0.20	cps
Thallium	203-1	45305	45910	45078	45431	0.95	cps
Thallium	205-1	106472	106896	108253	107207	0.87	cps
Tin	118-1	4204	4281	4164	4216	1.41	cps
Titanium	47-1	35134	35345	34720	35066	0.91	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BS	Instrumnet Name :	P7
Client Sample ID :	LCS716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:39:03	DataFile Name :	146LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	128250	129810	129143	129068	0.61	cps
Vanadium	51-2	97472	97580	95775	96942	1.04	cps
Yttrium	89-1	40236516	40683319	40664705	40528180	0.62	cps
Yttrium	89-2	10346113	10484680	10256697	10362497	1.11	cps
Zinc	66-2	24009	24450	23592	24017	1.79	cps
Zirconium	90-1	99118	99444	100021	99527	0.46	cps
Zirconium	91-1	21926	22207	21880	22004	0.80	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:42:17	DataFile Name :	147LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10684	10704	11061	10816	1.96	cps
Antimony	121-1	52840	54958	53288	53695	2.08	cps
Arsenic	75-2	1440	1563	1540	1515	4.33	cps
Barium	135-1	61201	61492	62864	61852	1.44	cps
Barium	137-1	106300	108090	108282	107557	1.02	cps
Beryllium	9-1	2478	2461	2600	2513	3.02	cps
Bismuth	209-1	19001689	18835776	18820853	18886106	0.53	cps
Bismuth	209-2	15143727	15191781	15036982	15124163	0.52	cps
Bromine	81-1	15972	16920	16449	16447	2.88	cps
Bromine	81-2	130	133	103	122	13.46	cps
Cadmium	108-1	670	633	550	618	9.95	cps
Cadmium	106-1	10844	10901	10914	10886	0.34	cps
Cadmium	111-1	14601	14399	14724	14574	1.12	cps
Calcium	43-1	35996	35939	36985	36307	1.62	cps
Calcium	44-1	619794	623634	631460	624962	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23816	23802	23889	23836	0.20	cps
Cobalt	59-2	18375	18181	18255	18270	0.53	cps
Copper	63-2	30140	30204	29940	30095	0.46	cps
Dysprosium	156-1	13	23	20	19	26.96	cps
Dysprosium	156-2	7	20	27	18	57.27	cps
Erbium	164-1	167	150	163	160	5.51	cps
Erbium	164-2	110	80	90	93	16.37	cps
Gadolinium	160-1	177	153	173	168	7.52	cps
Gadolinium	160-2	1187	1260	1147	1198	4.80	cps
Holmium	165-1	32638600	32160785	32503007	32434131	0.76	cps
Holmium	165-2	22584221	22361281	22448151	22464551	0.50	cps
Indium	115-1	29437613	29338476	29451495	29409195	0.21	cps
Indium	115-2	10238137	10320165	10219736	10259346	0.52	cps
Iron	56-2	2081207	2025667	2071194	2059356	1.44	cps
Iron	57-2	54532	53532	54023	54029	0.93	cps
Iron	54-2	118173	115948	117520	117214	0.98	cps
Krypton	83-1	370	370	363	368	1.05	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:42:17	DataFile Name :	147LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18503	18499	18660	18554	0.49	cps
Lead	207-1	16330	16360	15886	16192	1.64	cps
Lead	208-1	73574	74300	74501	74125	0.66	cps
Lithium	6-1	3171528	3219611	3186744	3192628	0.77	cps
Magnesium	24-2	458598	456398	453047	456015	0.61	cps
Manganese	55-2	8936	8766	8986	8896	1.30	cps
Molybdenum	94-1	57572	58329	58058	57986	0.66	cps
Molybdenum	95-1	68620	67766	70385	68923	1.94	cps
Molybdenum	96-1	76482	78646	77541	77556	1.40	cps
Molybdenum	97-1	43414	43836	43598	43616	0.48	cps
Molybdenum	98-1	110497	111649	111679	111275	0.61	cps
Neodymium	150-1	20	27	30	26	19.92	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	5261	5038	5151	5150	2.17	cps
Phosphorus	31-2	223	243	257	241	6.96	cps
Potassium	39-2	661500	659398	656483	659127	0.38	cps
Rhodium	103-1	29173406	29032571	28901931	29035970	0.47	cps
Rhodium	103-2	17252630	17205469	16770809	17076303	1.56	cps
Scandium	45-1	16550688	16828656	16661496	16680280	0.84	cps
Scandium	45-2	1377479	1360397	1348521	1362132	1.07	cps
Selenium	82-1	3957	3823	3940	3907	1.86	cps
Selenium	77-2	233	173	173	193	17.92	cps
Selenium	78-2	1210	1320	1207	1246	5.18	cps
Silicon	28-1	1683165	1672877	1686005	1680682	0.41	cps
Silver	107-1	35660	35961	35350	35657	0.86	cps
Silver	109-1	33870	34281	34665	34272	1.16	cps
Sodium	23-2	750402	747698	744718	747606	0.38	cps
Strontium	86-1	9720	9150	9473	9448	3.03	cps
Strontium	88-1	76109	76384	76538	76343	0.28	cps
Sulfur	34-1	318910	316879	318590	318126	0.34	cps
Terbium	159-1	33867756	33888806	33714218	33823593	0.28	cps
Terbium	159-2	22863138	22543010	22503821	22636656	0.87	cps
Thallium	203-1	21514	22322	22502	22112	2.38	cps
Thallium	205-1	52534	52655	53598	52929	1.10	cps
Tin	118-1	3897	3977	3834	3903	1.84	cps
Titanium	47-1	16789	16829	17150	16923	1.17	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164716BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD716	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:42:17	DataFile Name :	147LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	62914	62362	61705	62327	0.97	cps
Vanadium	51-2	46973	46518	46699	46730	0.49	cps
Yttrium	89-1	40506258	40790669	40629821	40642249	0.35	cps
Yttrium	89-2	10360850	10367697	10204449	10310998	0.90	cps
Zinc	66-2	12068	12522	12265	12285	1.85	cps
Zirconium	90-1	49356	49162	50286	49601	1.21	cps
Zirconium	91-1	11051	10877	11004	10978	0.82	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BL	Instrumnet Name :	P7
Client Sample ID :	PBS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:45:32	DataFile Name :	148CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	357	480	457	431	15.20	cps
Antimony	121-1	137	170	237	181	28.11	cps
Arsenic	75-2	10	10	7	9	21.63	cps
Barium	135-1	157	153	163	158	3.23	cps
Barium	137-1	223	240	247	237	5.08	cps
Beryllium	9-1	17	56	50	41	51.62	cps
Bismuth	209-1	18803663	18992469	17761855	18519329	3.58	cps
Bismuth	209-2	15229805	15101999	15232677	15188160	0.49	cps
Bromine	81-1	16383	15899	15909	16063	1.72	cps
Bromine	81-2	93	103	177	124	36.57	cps
Cadmium	108-1	47	40	37	41	12.39	cps
Cadmium	106-1	11068	10521	9900	10496	5.57	cps
Cadmium	111-1	7755	7370	6928	7351	5.63	cps
Calcium	43-1	1177	1063	1217	1152	6.90	cps
Calcium	44-1	56769	57374	56580	56907	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1720	1723	1757	1733	1.17	cps
Cobalt	59-2	233	247	233	238	3.24	cps
Copper	63-2	2137	2167	2254	2186	2.77	cps
Dysprosium	156-1	13	20	23	19	26.96	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	93	153	157	134	26.51	cps
Erbium	164-2	73	80	77	77	4.35	cps
Gadolinium	160-1	187	167	143	166	13.10	cps
Gadolinium	160-2	1183	1143	1077	1135	4.75	cps
Holmium	165-1	32279740	32259285	30597390	31712138	3.04	cps
Holmium	165-2	22415971	22442336	22579131	22479146	0.39	cps
Indium	115-1	29657797	29272988	28357729	29096171	2.30	cps
Indium	115-2	10360421	10249430	10285111	10298321	0.55	cps
Iron	56-2	25315	24790	25498	25201	1.46	cps
Iron	57-2	1653	1920	1863	1812	7.75	cps
Iron	54-2	4064	4151	3897	4037	3.19	cps
Krypton	83-1	383	357	360	367	3.96	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BL	Instrumnet Name :	P7
Client Sample ID :	PBS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:45:32	DataFile Name :	148CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	713	850	807	790	8.84	cps
Lead	207-1	787	683	770	747	7.43	cps
Lead	208-1	3174	3157	3367	3232	3.61	cps
Lithium	6-1	3205012	3215066	3068014	3162697	2.60	cps
Magnesium	24-2	2150	2284	2057	2164	5.27	cps
Manganese	55-2	670	550	563	594	11.06	cps
Molybdenum	94-1	717	733	820	757	7.33	cps
Molybdenum	95-1	97	100	110	102	6.79	cps
Molybdenum	96-1	240	280	267	262	7.77	cps
Molybdenum	97-1	63	83	103	83	24.00	cps
Molybdenum	98-1	127	183	170	160	18.52	cps
Neodymium	150-1	17	20	13	17	20.01	cps
Neodymium	150-2	0	10	13	8	89.21	cps
Nickel	60-2	497	467	407	457	10.03	cps
Phosphorus	31-2	267	303	270	280	7.24	cps
Potassium	39-2	80954	82532	82100	81862	1.00	cps
Rhodium	103-1	29246848	28787010	27608600	28547486	2.96	cps
Rhodium	103-2	17218154	16875132	17173554	17088947	1.09	cps
Scandium	45-1	16651168	16715871	15833031	16400023	3.00	cps
Scandium	45-2	1378741	1351816	1384208	1371588	1.26	cps
Selenium	82-1	1834	1841	1706	1794	4.25	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	567	527	630	574	9.07	cps
Silicon	28-1	1576212	1591137	1572149	1579833	0.63	cps
Silver	107-1	317	340	260	306	13.46	cps
Silver	109-1	230	217	163	203	17.35	cps
Sodium	23-2	53947	53222	53984	53718	0.80	cps
Strontium	86-1	710	727	630	689	7.50	cps
Strontium	88-1	987	960	1017	988	2.87	cps
Sulfur	34-1	320517	321364	320356	320745	0.17	cps
Terbium	159-1	33420017	33484290	32211343	33038550	2.17	cps
Terbium	159-2	22472801	22367125	22399251	22413059	0.24	cps
Thallium	203-1	577	587	507	557	7.83	cps
Thallium	205-1	1360	1327	1273	1320	3.31	cps
Tin	118-1	3580	3640	4181	3801	8.70	cps
Titanium	47-1	240	230	200	223	9.32	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BL	Instrumnet Name :	P7
Client Sample ID :	PBS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:45:32	DataFile Name :	148CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60	33	17	37	59.61	cps
Vanadium	51-2	47	57	37	47	21.43	cps
Yttrium	89-1	40731327	39813769	38763335	39769477	2.48	cps
Yttrium	89-2	10355519	10165927	10277221	10266222	0.93	cps
Zinc	66-2	1323	1277	1337	1312	2.40	cps
Zirconium	90-1	1820	2037	2237	2031	10.26	cps
Zirconium	91-1	357	463	430	417	13.10	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BS	Instrumnet Name :	P7
Client Sample ID :	LCS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:48:51	DataFile Name :	149LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21328	21348	21632	21436	0.79	cps
Antimony	121-1	107528	107534	106598	107220	0.50	cps
Arsenic	75-2	3254	2957	2890	3034	6.38	cps
Barium	135-1	125638	125212	125383	125411	0.17	cps
Barium	137-1	213670	217747	217168	216195	1.02	cps
Beryllium	9-1	5101	5112	5212	5142	1.19	cps
Bismuth	209-1	18432834	18292270	18480723	18401943	0.53	cps
Bismuth	209-2	15057628	14886490	14834398	14926172	0.78	cps
Bromine	81-1	16096	15729	15271	15698	2.63	cps
Bromine	81-2	127	137	180	148	19.18	cps
Cadmium	108-1	1070	1077	1233	1127	8.20	cps
Cadmium	106-1	11748	11431	11321	11500	1.93	cps
Cadmium	111-1	21712	21979	21495	21729	1.12	cps
Calcium	43-1	71206	72140	71186	71511	0.76	cps
Calcium	44-1	1194782	1182419	1197494	1191565	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46719	46211	46769	46566	0.66	cps
Cobalt	59-2	37407	36614	36554	36858	1.29	cps
Copper	63-2	58039	56543	58601	57727	1.84	cps
Dysprosium	156-1	30	27	33	30	11.10	cps
Dysprosium	156-2	20	17	37	24	43.83	cps
Erbium	164-1	140	140	147	142	2.71	cps
Erbium	164-2	107	107	87	100	11.55	cps
Gadolinium	160-1	167	157	117	147	18.04	cps
Gadolinium	160-2	1080	1200	1183	1155	5.63	cps
Holmium	165-1	32022830	31975512	31635677	31878006	0.66	cps
Holmium	165-2	22324583	22210224	22154484	22229764	0.39	cps
Indium	115-1	29116128	29234722	29176449	29175766	0.20	cps
Indium	115-2	10235545	10133784	10231439	10200256	0.56	cps
Iron	56-2	4132206	4135089	4096217	4121171	0.53	cps
Iron	57-2	107142	107306	105668	106705	0.85	cps
Iron	54-2	233297	231320	232038	232218	0.43	cps
Krypton	83-1	383	410	353	382	7.42	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BS	Instrumnet Name :	P7
Client Sample ID :	LCS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:48:51	DataFile Name :	149LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	36188	36064	36529	36260	0.66	cps
Lead	207-1	31750	32358	31553	31887	1.32	cps
Lead	208-1	144419	145470	145092	144994	0.37	cps
Lithium	6-1	3147156	3157719	3185413	3163429	0.62	cps
Magnesium	24-2	916401	909570	904944	910305	0.63	cps
Manganese	55-2	17430	17861	17250	17514	1.79	cps
Molybdenum	94-1	115621	116015	115605	115747	0.20	cps
Molybdenum	95-1	139769	139975	140975	140240	0.46	cps
Molybdenum	96-1	154365	158003	157716	156695	1.29	cps
Molybdenum	97-1	86534	87962	88150	87549	1.01	cps
Molybdenum	98-1	225464	226715	226110	226096	0.28	cps
Neodymium	150-1	33	7	17	19	71.30	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	9977	10280	10147	10135	1.50	cps
Phosphorus	31-2	267	227	247	247	8.11	cps
Potassium	39-2	1201318	1203653	1205023	1203332	0.16	cps
Rhodium	103-1	28242888	28603349	28647284	28497840	0.78	cps
Rhodium	103-2	16936750	16866096	16895151	16899332	0.21	cps
Scandium	45-1	16100894	16712984	16654994	16489624	2.05	cps
Scandium	45-2	1356842	1360919	1343363	1353708	0.68	cps
Selenium	82-1	6191	6084	6070	6115	1.08	cps
Selenium	77-2	387	457	393	412	9.37	cps
Selenium	78-2	1927	1940	1880	1916	1.64	cps
Silicon	28-1	1810179	1821711	1790701	1807530	0.87	cps
Silver	107-1	71579	72795	72922	72432	1.02	cps
Silver	109-1	67114	67757	69345	68072	1.69	cps
Sodium	23-2	1547105	1518143	1502942	1522730	1.47	cps
Strontium	86-1	17784	18171	17778	17911	1.26	cps
Strontium	88-1	153582	152963	154134	153560	0.38	cps
Sulfur	34-1	325081	328137	326227	326482	0.47	cps
Terbium	159-1	32866434	33211647	33042410	33040164	0.52	cps
Terbium	159-2	22270573	21955908	22438553	22221678	1.10	cps
Thallium	203-1	43178	44355	43964	43832	1.37	cps
Thallium	205-1	104840	104279	104854	104657	0.31	cps
Tin	118-1	4111	4154	4061	4108	1.14	cps
Titanium	47-1	32719	33677	34209	33535	2.25	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BS	Instrumnet Name :	P7
Client Sample ID :	LCS699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:48:51	DataFile Name :	149LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	126063	124125	126948	125712	1.15	cps
Vanadium	51-2	96496	94553	94376	95142	1.24	cps
Yttrium	89-1	39202433	40135066	39800664	39712721	1.19	cps
Yttrium	89-2	10244649	10161786	10041885	10149440	1.00	cps
Zinc	66-2	23772	23285	23185	23414	1.34	cps
Zirconium	90-1	97256	97578	97806	97547	0.28	cps
Zirconium	91-1	21690	21469	21285	21481	0.94	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:52:03	DataFile Name :	150LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11034	10817	10594	10815	2.04	cps
Antimony	121-1	52231	53492	54212	53312	1.88	cps
Arsenic	75-2	1510	1417	1517	1481	3.77	cps
Barium	135-1	61669	62068	62262	62000	0.49	cps
Barium	137-1	107398	106680	108147	107408	0.68	cps
Beryllium	9-1	2561	2534	2495	2530	1.32	cps
Bismuth	209-1	18537373	18738708	18691028	18655703	0.56	cps
Bismuth	209-2	14826698	14915065	14881891	14874551	0.30	cps
Bromine	81-1	15642	15175	15165	15327	1.78	cps
Bromine	81-2	133	160	147	147	9.09	cps
Cadmium	108-1	580	487	560	542	9.06	cps
Cadmium	106-1	11174	11001	10507	10894	3.18	cps
Cadmium	111-1	14701	14608	14135	14482	2.10	cps
Calcium	43-1	36227	36691	37035	36651	1.11	cps
Calcium	44-1	627275	626715	628576	627522	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23959	23886	24667	24171	1.78	cps
Cobalt	59-2	18665	18575	18829	18690	0.69	cps
Copper	63-2	29529	29876	29820	29742	0.63	cps
Dysprosium	156-1	43	7	23	24	75.09	cps
Dysprosium	156-2	30	13	7	17	72.11	cps
Erbium	164-1	123	137	117	126	8.11	cps
Erbium	164-2	93	107	93	98	7.88	cps
Gadolinium	160-1	153	103	167	141	23.66	cps
Gadolinium	160-2	1163	1277	1170	1203	5.29	cps
Holmium	165-1	31434905	32066004	32162349	31887753	1.24	cps
Holmium	165-2	22053756	21987054	21861525	21967445	0.44	cps
Indium	115-1	29451795	29362314	28936858	29250322	0.94	cps
Indium	115-2	10229451	10133607	10145864	10169641	0.51	cps
Iron	56-2	2057647	2048699	2063358	2056568	0.36	cps
Iron	57-2	53699	54448	54077	54075	0.69	cps
Iron	54-2	119503	117806	119862	119057	0.92	cps
Krypton	83-1	363	290	367	340	12.74	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:52:03	DataFile Name :	150LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18606	18900	17982	18496	2.53	cps
Lead	207-1	16263	16193	16236	16231	0.22	cps
Lead	208-1	72953	74480	71814	73082	1.83	cps
Lithium	6-1	3152665	3084301	3069518	3102161	1.43	cps
Magnesium	24-2	455525	461721	458337	458528	0.68	cps
Manganese	55-2	9290	8739	9383	9137	3.81	cps
Molybdenum	94-1	56344	56796	57690	56943	1.20	cps
Molybdenum	95-1	69172	70351	68781	69435	1.18	cps
Molybdenum	96-1	77521	78140	78449	78037	0.61	cps
Molybdenum	97-1	42762	43234	43722	43239	1.11	cps
Molybdenum	98-1	111156	111938	111176	111423	0.40	cps
Neodymium	150-1	10	17	27	18	47.19	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	5134	5141	5411	5229	3.02	cps
Phosphorus	31-2	280	263	213	252	13.76	cps
Potassium	39-2	661854	664497	662955	663102	0.20	cps
Rhodium	103-1	28611158	28636686	28613525	28620457	0.05	cps
Rhodium	103-2	16933609	17034809	16722087	16896835	0.94	cps
Scandium	45-1	16390942	16515373	16597971	16501429	0.63	cps
Scandium	45-2	1341754	1368421	1376043	1362073	1.32	cps
Selenium	82-1	3923	3924	3959	3935	0.52	cps
Selenium	77-2	213	203	210	209	2.44	cps
Selenium	78-2	1093	1303	1353	1250	11.04	cps
Silicon	28-1	1707363	1677111	1708333	1697602	1.05	cps
Silver	107-1	35163	36399	36021	35861	1.77	cps
Silver	109-1	33766	33532	33739	33679	0.38	cps
Sodium	23-2	748717	752783	755354	752285	0.44	cps
Strontium	86-1	8906	9116	9063	9028	1.21	cps
Strontium	88-1	76608	75962	76997	76522	0.68	cps
Sulfur	34-1	319199	319908	320775	319960	0.25	cps
Terbium	159-1	33239476	32910786	32652695	32934319	0.89	cps
Terbium	159-2	22334359	22206018	22341513	22293963	0.34	cps
Thallium	203-1	21337	22148	22479	21988	2.67	cps
Thallium	205-1	51868	52089	53294	52417	1.46	cps
Tin	118-1	4144	4014	3811	3989	4.21	cps
Titanium	47-1	16976	16756	17083	16938	0.98	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164699BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD699	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:52:03	DataFile Name :	150LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61622	61508	62877	62002	1.23	cps
Vanadium	51-2	47535	47321	47993	47616	0.72	cps
Yttrium	89-1	40230187	40083326	39866447	40059987	0.46	cps
Yttrium	89-2	10198335	10170182	10239400	10202639	0.34	cps
Zinc	66-2	12282	11968	12002	12084	1.43	cps
Zirconium	90-1	48797	48998	50222	49339	1.56	cps
Zirconium	91-1	11288	10801	11058	11049	2.21	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:55:19	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12801996	12900754	13013170	12905306	0.82	cps
Antimony	121-1	33653	35607	35450	34903	3.11	cps
Arsenic	75-2	99366	99967	98739	99357	0.62	cps
Barium	135-1	1929908	1930668	1945193	1935256	0.45	cps
Barium	137-1	3321438	3359743	3349186	3343456	0.59	cps
Beryllium	9-1	1933	1806	2017	1919	5.54	cps
Bismuth	209-1	19003604	18939273	19058734	19000537	0.31	cps
Bismuth	209-2	14922766	14908176	15083809	14971584	0.65	cps
Bromine	81-1	29920	31651	31938	31170	3.50	cps
Bromine	81-2	3237	3130	3057	3141	2.88	cps
Cadmium	108-1	797	743	733	758	4.49	cps
Cadmium	106-1	11938	11298	11488	11575	2.84	cps
Cadmium	111-1	15061	14693	14810	14855	1.26	cps
Calcium	43-1	587612	597304	597694	594203	0.96	cps
Calcium	44-1	9233055	9412090	9358194	9334447	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	749383	748550	749479	749138	0.07	cps
Cobalt	59-2	576901	571009	571754	573221	0.56	cps
Copper	63-2	2474975	2484558	2465723	2475085	0.38	cps
Dysprosium	156-1	123201	126245	125280	124909	1.25	cps
Dysprosium	156-2	103467	103515	102198	103060	0.72	cps
Erbium	164-1	93722	95456	97873	95684	2.18	cps
Erbium	164-2	65349	66323	66048	65907	0.76	cps
Gadolinium	160-1	118389	120083	120966	119813	1.09	cps
Gadolinium	160-2	88001	87189	86572	87254	0.82	cps
Holmium	165-1	33006668	33097618	33391819	33165368	0.61	cps
Holmium	165-2	22445748	22598671	22580923	22541781	0.37	cps
Indium	115-1	29796158	29847822	30104860	29916280	0.55	cps
Indium	115-2	10122270	10188444	9999333	10103349	0.95	cps
Iron	56-2	610069898	601814284	603012044	604965409	0.74	cps
Iron	57-2	15022735	14891568	14965248	14959850	0.44	cps
Iron	54-2	33073489	32597429	32678775	32783231	0.78	cps
Krypton	83-1	507	517	533	519	2.60	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:55:19	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	768774	780384	778795	775984	0.81	cps
Lead	207-1	660485	678859	687292	675545	2.03	cps
Lead	208-1	3016971	3078926	3091031	3062310	1.30	cps
Lithium	6-1	2950971	2905128	2856482	2904194	1.63	cps
Magnesium	24-2	12017271	12171358	12183838	12124156	0.77	cps
Manganese	55-2	14384029	14044619	14110288	14179645	1.27	cps
Molybdenum	94-1	104735	108072	105305	106037	1.68	cps
Molybdenum	95-1	14564	14714	14667	14649	0.52	cps
Molybdenum	96-1	37317	37107	38317	37580	1.72	cps
Molybdenum	97-1	8886	8943	9276	9035	2.33	cps
Molybdenum	98-1	22250	23773	23075	23033	3.31	cps
Neodymium	150-1	222815	230622	231028	228155	2.03	cps
Neodymium	150-2	133421	133384	132482	133096	0.40	cps
Nickel	60-2	259738	258814	259693	259415	0.20	cps
Phosphorus	31-2	49386	48935	48530	48950	0.87	cps
Potassium	39-2	8684442	8566789	8572903	8608044	0.77	cps
Rhodium	103-1	29010780	28839784	29209425	29019996	0.64	cps
Rhodium	103-2	17072039	17081163	16917380	17023527	0.54	cps
Scandium	45-1	17246357	17081651	17130208	17152739	0.49	cps
Scandium	45-2	1407959	1396940	1398089	1400996	0.43	cps
Selenium	82-1	2352	2207	2200	2253	3.80	cps
Selenium	77-2	490	460	483	478	3.30	cps
Selenium	78-2	993	943	920	952	3.93	cps
Silicon	28-1	73290246	76725671	73355902	74457273	2.64	cps
Silver	107-1	13310	13083	12832	13075	1.83	cps
Silver	109-1	12392	12219	11925	12179	1.94	cps
Sodium	23-2	262917	256631	258250	259266	1.26	cps
Strontium	86-1	365604	369983	373646	369744	1.09	cps
Strontium	88-1	3250576	3308466	3291926	3283656	0.91	cps
Sulfur	34-1	302020	285613	276265	287966	4.53	cps
Terbium	159-1	34513459	34095220	34491903	34366861	0.69	cps
Terbium	159-2	22549506	22686202	22832268	22689325	0.62	cps
Thallium	203-1	5698	5521	5211	5477	4.50	cps
Thallium	205-1	13947	13193	12516	13219	5.42	cps
Tin	118-1	47756	49133	50141	49010	2.44	cps
Titanium	47-1	1750676	1786981	1761649	1766435	1.05	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:55:19	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37673	39763	39094	38843	2.75	cps
Vanadium	51-2	847197	842270	852456	847308	0.60	cps
Yttrium	89-1	43298211	43054834	42750186	43034410	0.64	cps
Yttrium	89-2	10436149	10585834	10541117	10521033	0.73	cps
Zinc	66-2	453004	449068	452286	451453	0.46	cps
Zirconium	90-1	257008	267607	269150	264588	2.50	cps
Zirconium	91-1	58443	59209	61034	59562	2.23	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:58:22	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13445391	13070393	13100434	13205406	1.58	cps
Antimony	121-1	37228	37088	37285	37200	0.27	cps
Arsenic	75-2	102185	102413	103541	102713	0.71	cps
Barium	135-1	2007785	2034455	2028050	2023430	0.69	cps
Barium	137-1	3501855	3530119	3549539	3527171	0.68	cps
Beryllium	9-1	2039	2006	1939	1995	2.55	cps
Bismuth	209-1	19596787	19473143	19542031	19537320	0.32	cps
Bismuth	209-2	15309661	15241023	15234717	15261800	0.27	cps
Bromine	81-1	29636	32135	31230	31000	4.08	cps
Bromine	81-2	3167	3320	3117	3201	3.31	cps
Cadmium	108-1	747	853	913	838	10.08	cps
Cadmium	106-1	11455	11772	11091	11439	2.98	cps
Cadmium	111-1	15108	15398	14716	15074	2.27	cps
Calcium	43-1	595665	601990	596100	597918	0.59	cps
Calcium	44-1	9338918	9345077	9295260	9326418	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	765370	766583	758855	763603	0.54	cps
Cobalt	59-2	598890	598067	598621	598526	0.07	cps
Copper	63-2	2598929	2650086	2586994	2612003	1.28	cps
Dysprosium	156-1	130745	131781	131478	131335	0.41	cps
Dysprosium	156-2	107373	107420	107592	107461	0.11	cps
Erbium	164-1	99954	103769	102694	102139	1.93	cps
Erbium	164-2	68065	68919	68855	68613	0.69	cps
Gadolinium	160-1	125920	126448	126122	126163	0.21	cps
Gadolinium	160-2	90463	91362	91409	91078	0.59	cps
Holmium	165-1	34113599	33801884	34441578	34119020	0.94	cps
Holmium	165-2	23104927	22932445	23081156	23039510	0.41	cps
Indium	115-1	29724220	30015110	29905714	29881681	0.49	cps
Indium	115-2	10100730	9978064	10120317	10066370	0.77	cps
Iron	56-2	625469031	616486337	619171257	620375542	0.74	cps
Iron	57-2	15295910	15339535	15461778	15365741	0.56	cps
Iron	54-2	34143324	33957699	33793914	33964979	0.51	cps
Krypton	83-1	507	437	503	482	8.19	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:58:22	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	841873	855027	861478	852793	1.17	cps
Lead	207-1	726383	740732	741389	736168	1.15	cps
Lead	208-1	3309318	3354652	3374585	3346185	1.00	cps
Lithium	6-1	2883776	2755100	2807057	2815311	2.30	cps
Magnesium	24-2	12407089	12356572	12474131	12412597	0.48	cps
Manganese	55-2	14677566	14792622	14672428	14714205	0.46	cps
Molybdenum	94-1	106329	107044	108048	107140	0.81	cps
Molybdenum	95-1	14878	14708	15328	14971	2.14	cps
Molybdenum	96-1	38183	38922	38741	38615	1.00	cps
Molybdenum	97-1	9553	9453	9623	9543	0.90	cps
Molybdenum	98-1	24003	23866	24611	24160	1.64	cps
Neodymium	150-1	238102	244647	243920	242223	1.48	cps
Neodymium	150-2	138792	137207	138028	138009	0.57	cps
Nickel	60-2	269065	269119	268005	268730	0.23	cps
Phosphorus	31-2	49142	47728	49282	48717	1.77	cps
Potassium	39-2	8833570	8727916	8831424	8797637	0.69	cps
Rhodium	103-1	28827436	28754236	29178124	28919932	0.78	cps
Rhodium	103-2	17042353	17034493	17081829	17052892	0.15	cps
Scandium	45-1	16899777	16472378	16474297	16615484	1.48	cps
Scandium	45-2	1407756	1382822	1363015	1384531	1.62	cps
Selenium	82-1	2262	2278	2097	2212	4.53	cps
Selenium	77-2	507	480	530	506	4.95	cps
Selenium	78-2	953	987	1043	994	4.58	cps
Silicon	28-1	71891649	71673302	70862502	71475818	0.76	cps
Silver	107-1	13003	13209	13146	13119	0.81	cps
Silver	109-1	12349	12342	11898	12196	2.12	cps
Sodium	23-2	262358	264822	264520	263900	0.51	cps
Strontium	86-1	378818	385473	386579	383623	1.09	cps
Strontium	88-1	3368940	3458133	3433775	3420283	1.35	cps
Sulfur	34-1	256387	249102	240308	248599	3.24	cps
Terbium	159-1	35235830	35160326	35268946	35221701	0.16	cps
Terbium	159-2	22800028	22706444	23061592	22856021	0.81	cps
Thallium	203-1	5164	5131	5208	5168	0.74	cps
Thallium	205-1	12326	12479	12342	12382	0.68	cps
Tin	118-1	49374	49903	51328	50202	2.01	cps
Titanium	47-1	1716015	1726870	1732709	1725198	0.49	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 20:58:22	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41113	42769	41745	41876	1.99	cps
Vanadium	51-2	875685	873605	869673	872987	0.35	cps
Yttrium	89-1	42357226	42280264	42625034	42420842	0.43	cps
Yttrium	89-2	10617509	10532282	10501585	10550459	0.57	cps
Zinc	66-2	467976	470151	469356	469161	0.23	cps
Zirconium	90-1	265691	269542	281618	272284	3.05	cps
Zirconium	91-1	59514	61364	60112	60330	1.57	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:01:27	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2607302	2639822	2629826	2625650	0.63	cps
Antimony	121-1	7295	7172	7172	7213	0.99	cps
Arsenic	75-2	20150	20197	20037	20128	0.41	cps
Barium	135-1	393979	394039	395726	394581	0.25	cps
Barium	137-1	677548	689437	682952	683313	0.87	cps
Beryllium	9-1	428	444	411	428	3.90	cps
Bismuth	209-1	20520111	19995566	19907739	20141139	1.64	cps
Bismuth	209-2	15455199	15265851	15350764	15357272	0.62	cps
Bromine	81-1	19410	19967	19994	19790	1.67	cps
Bromine	81-2	770	890	720	793	11.01	cps
Cadmium	108-1	190	207	177	191	7.86	cps
Cadmium	106-1	10971	10057	10140	10389	4.86	cps
Cadmium	111-1	9060	8615	8441	8706	3.67	cps
Calcium	43-1	119882	118746	119771	119467	0.52	cps
Calcium	44-1	1909356	1902561	1909991	1907303	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153465	154230	155735	154476	0.75	cps
Cobalt	59-2	116219	117764	117280	117088	0.68	cps
Copper	63-2	507942	511887	507648	509159	0.46	cps
Dysprosium	156-1	26071	25837	25830	25913	0.53	cps
Dysprosium	156-2	20749	21510	21503	21254	2.06	cps
Erbium	164-1	19380	19724	20211	19772	2.11	cps
Erbium	164-2	13350	13430	13223	13334	0.78	cps
Gadolinium	160-1	24284	25066	24542	24631	1.62	cps
Gadolinium	160-2	18933	18559	18269	18587	1.79	cps
Holmium	165-1	35027592	34114171	34053096	34398286	1.59	cps
Holmium	165-2	22943045	23013235	22941024	22965768	0.18	cps
Indium	115-1	31717656	30883735	30305062	30968818	2.29	cps
Indium	115-2	10363723	10124746	10225302	10237924	1.17	cps
Iron	56-2	122346275	123090592	121921438	122452768	0.48	cps
Iron	57-2	3047663	3019157	3051696	3039505	0.58	cps
Iron	54-2	6685079	6713588	6643137	6680601	0.53	cps
Krypton	83-1	367	410	377	384	5.90	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:01:27	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	166428	168375	166273	167026	0.70	cps
Lead	207-1	143619	143997	143936	143851	0.14	cps
Lead	208-1	653338	655938	657045	655440	0.29	cps
Lithium	6-1	2923948	2831061	2828431	2861147	1.90	cps
Magnesium	24-2	2453393	2468202	2474760	2465452	0.44	cps
Manganese	55-2	2865799	2915758	2860521	2880693	1.06	cps
Molybdenum	94-1	21376	21927	29143	24149	17.95	cps
Molybdenum	95-1	2970	3034	2917	2974	1.96	cps
Molybdenum	96-1	7489	7572	7809	7623	2.18	cps
Molybdenum	97-1	1950	2040	1900	1963	3.61	cps
Molybdenum	98-1	4924	4958	4784	4889	1.88	cps
Neodymium	150-1	46272	47148	47787	47069	1.62	cps
Neodymium	150-2	27674	26876	26946	27165	1.63	cps
Nickel	60-2	53368	53261	53478	53369	0.20	cps
Phosphorus	31-2	9937	9900	10000	9946	0.51	cps
Potassium	39-2	1830895	1790350	1780212	1800486	1.49	cps
Rhodium	103-1	30714000	29488582	29473038	29891873	2.38	cps
Rhodium	103-2	17450730	17238138	17215680	17301516	0.75	cps
Scandium	45-1	17231081	16543261	16240208	16671517	3.05	cps
Scandium	45-2	1377624	1366155	1362718	1368832	0.57	cps
Selenium	82-1	1896	1925	1856	1892	1.84	cps
Selenium	77-2	103	97	97	99	3.89	cps
Selenium	78-2	663	600	647	637	5.16	cps
Silicon	28-1	15429017	15647182	15411112	15495770	0.85	cps
Silver	107-1	2620	2797	2554	2657	4.73	cps
Silver	109-1	2597	2530	2424	2517	3.47	cps
Sodium	23-2	105736	105545	106643	105975	0.55	cps
Strontium	86-1	75093	76755	74996	75615	1.31	cps
Strontium	88-1	661730	664115	661875	662573	0.20	cps
Sulfur	34-1	215007	212375	211384	212922	0.88	cps
Terbium	159-1	35898090	35247925	35053316	35399777	1.25	cps
Terbium	159-2	22958562	23065949	22970147	22998219	0.26	cps
Thallium	203-1	1430	1483	1407	1440	2.73	cps
Thallium	205-1	3424	3410	3084	3306	5.83	cps
Tin	118-1	13450	13256	13109	13272	1.29	cps
Titanium	47-1	340905	342287	341876	341689	0.21	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:01:27	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8457	8043	8193	8231	2.55	cps
Vanadium	51-2	171587	172497	171857	171980	0.27	cps
Yttrium	89-1	42258204	42358253	41667440	42094632	0.89	cps
Yttrium	89-2	10375603	10355095	10319410	10350036	0.27	cps
Zinc	66-2	94144	93866	93950	93987	0.15	cps
Zirconium	90-1	53949	54002	55725	54559	1.85	cps
Zirconium	91-1	11782	12215	12042	12013	1.82	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:04:36	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13430793	13129291	13322149	13294078	1.15	cps
Antimony	121-1	1792831	1816176	1811114	1806707	0.68	cps
Arsenic	75-2	133870	135111	134196	134393	0.48	cps
Barium	135-1	10608194	10572689	10503189	10561357	0.51	cps
Barium	137-1	18076491	18257277	18261386	18198384	0.58	cps
Beryllium	9-1	75058	74495	73278	74277	1.23	cps
Bismuth	209-1	19708922	20251553	19731004	19897160	1.54	cps
Bismuth	209-2	15361857	15282168	15244436	15296154	0.39	cps
Bromine	81-1	29747	30642	31423	30604	2.74	cps
Bromine	81-2	3127	3070	3120	3106	1.00	cps
Cadmium	108-1	15735	16062	16286	16028	1.73	cps
Cadmium	106-1	33064	32570	32977	32871	0.80	cps
Cadmium	111-1	246610	248043	251641	248765	1.04	cps
Calcium	43-1	579254	575383	576806	577147	0.34	cps
Calcium	44-1	9194112	8937149	9080199	9070487	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2199503	2219255	2207782	2208847	0.45	cps
Cobalt	59-2	6357331	6430741	6385603	6391225	0.58	cps
Copper	63-2	4542576	4623197	4559582	4575118	0.93	cps
Dysprosium	156-1	128307	129305	130624	129412	0.90	cps
Dysprosium	156-2	103954	104801	104491	104415	0.41	cps
Erbium	164-1	98592	100082	100287	99653	0.93	cps
Erbium	164-2	67643	67103	66102	66949	1.17	cps
Gadolinium	160-1	122503	123828	125446	123926	1.19	cps
Gadolinium	160-2	88507	89561	88306	88791	0.76	cps
Holmium	165-1	33979817	34551954	34642352	34391374	1.04	cps
Holmium	165-2	23153710	22850817	22832231	22945586	0.79	cps
Indium	115-1	30287524	30299579	30483808	30356970	0.36	cps
Indium	115-2	10094447	10105411	10078288	10092715	0.14	cps
Iron	56-2	613421191	617360711	604894378	611892093	1.04	cps
Iron	57-2	14939333	15089530	15097994	15042286	0.59	cps
Iron	54-2	33065758	33116627	32527616	32903334	0.99	cps
Krypton	83-1	520	483	580	528	9.25	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:04:36	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1045518	1060557	1076810	1060962	1.48	cps
Lead	207-1	909272	913299	922364	914978	0.73	cps
Lead	208-1	4156016	4192176	4215084	4187759	0.71	cps
Lithium	6-1	2865844	2697147	2686303	2749764	3.66	cps
Magnesium	24-2	11962981	11914911	11990646	11956179	0.32	cps
Manganese	55-2	16929532	17128906	16704372	16920937	1.26	cps
Molybdenum	94-1	104808	107232	106832	106291	1.22	cps
Molybdenum	95-1	14768	14794	15195	14919	1.60	cps
Molybdenum	96-1	37565	38377	38604	38182	1.43	cps
Molybdenum	97-1	9046	9083	9170	9100	0.70	cps
Molybdenum	98-1	23412	23382	23396	23397	0.06	cps
Neodymium	150-1	234417	237322	238512	236750	0.89	cps
Neodymium	150-2	133923	133862	134700	134162	0.35	cps
Nickel	60-2	1800483	1814423	1780924	1798610	0.94	cps
Phosphorus	31-2	47821	47336	47233	47463	0.66	cps
Potassium	39-2	8418619	8468908	8386415	8424647	0.49	cps
Rhodium	103-1	29023482	29429649	29347855	29266995	0.73	cps
Rhodium	103-2	17370831	17037984	16922363	17110393	1.36	cps
Scandium	45-1	16651616	16386276	16726662	16588185	1.08	cps
Scandium	45-2	1348835	1352662	1377577	1359691	1.15	cps
Selenium	82-1	34899	35196	35016	35037	0.43	cps
Selenium	77-2	3677	3527	3474	3559	2.96	cps
Selenium	78-2	11324	10847	11038	11070	2.17	cps
Silicon	28-1	71187644	70159222	69599827	70315565	1.15	cps
Silver	107-1	994462	1000532	1014116	1003036	1.00	cps
Silver	109-1	941038	950680	955710	949143	0.79	cps
Sodium	23-2	256238	254781	254359	255126	0.39	cps
Strontium	86-1	370899	374728	374920	373516	0.61	cps
Strontium	88-1	3325979	3326818	3311385	3321394	0.26	cps
Sulfur	34-1	231277	229754	226893	229308	0.97	cps
Terbium	159-1	35594488	35161735	36206639	35654287	1.47	cps
Terbium	159-2	23108121	22947991	22967293	23007802	0.38	cps
Thallium	203-1	735599	742711	754177	744163	1.26	cps
Thallium	205-1	1754573	1767188	1765903	1762555	0.39	cps
Tin	118-1	49869	49916	50792	50193	1.04	cps
Titanium	47-1	1718590	1679347	1687288	1695075	1.22	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:04:36	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40531	40719	41127	40792	0.75	cps
Vanadium	51-2	3943278	3959776	3927425	3943493	0.41	cps
Yttrium	89-1	42718038	43247909	43325011	43096986	0.77	cps
Yttrium	89-2	10602381	10571961	10515018	10563120	0.42	cps
Zinc	66-2	1135851	1129222	1131443	1132172	0.30	cps
Zirconium	90-1	262958	272353	265909	267073	1.80	cps
Zirconium	91-1	59326	59811	59972	59703	0.56	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:07:35	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15140220	15159394	14976859	15092158	0.66	cps
Antimony	121-1	8068504	8197127	8134519	8133383	0.79	cps
Arsenic	75-2	261411	256036	259722	259056	1.06	cps
Barium	135-1	38096063	39095765	38148446	38446758	1.46	cps
Barium	137-1	65385569	66488846	65813566	65895993	0.84	cps
Beryllium	9-1	301978	297878	295904	298587	1.04	cps
Bismuth	209-1	20008386	20090885	19986575	20028615	0.27	cps
Bismuth	209-2	15075297	15199586	14960644	15078509	0.79	cps
Bromine	81-1	30281	31086	31133	30833	1.55	cps
Bromine	81-2	3080	3004	3107	3064	1.75	cps
Cadmium	108-1	72111	71672	71944	71909	0.31	cps
Cadmium	106-1	108424	110100	109381	109302	0.77	cps
Cadmium	111-1	1091143	1096960	1099550	1095884	0.39	cps
Calcium	43-1	572000	575991	571273	573088	0.44	cps
Calcium	44-1	8942364	8985616	8948158	8958713	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6867748	6783985	6772331	6808021	0.76	cps
Cobalt	59-2	25230700	25296772	25040831	25189434	0.53	cps
Copper	63-2	11208719	11296014	11113515	11206083	0.81	cps
Dysprosium	156-1	129456	130254	128922	129544	0.52	cps
Dysprosium	156-2	104260	104109	104696	104355	0.29	cps
Erbium	164-1	98051	100770	99447	99423	1.37	cps
Erbium	164-2	66403	66125	65874	66134	0.40	cps
Gadolinium	160-1	122390	122964	122594	122649	0.24	cps
Gadolinium	160-2	87095	87484	86233	86937	0.74	cps
Holmium	165-1	35236924	34659086	34790223	34895411	0.87	cps
Holmium	165-2	22813912	22665506	22620536	22699985	0.45	cps
Indium	115-1	30644521	30444951	30719742	30603071	0.46	cps
Indium	115-2	9879610	9853927	9847206	9860248	0.17	cps
Iron	56-2	624477391	624471511	611634684	620194529	1.20	cps
Iron	57-2	15454586	15556971	15361893	15457817	0.63	cps
Iron	54-2	33877939	34168380	33539389	33861903	0.93	cps
Krypton	83-1	500	583	513	532	8.41	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:07:35	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1934060	1969961	1998053	1967358	1.63	cps
Lead	207-1	1652896	1674529	1692243	1673223	1.18	cps
Lead	208-1	7571282	7763487	7768497	7701089	1.46	cps
Lithium	6-1	2688424	2787675	2667375	2714491	2.37	cps
Magnesium	24-2	11908769	11741812	11588350	11746310	1.36	cps
Manganese	55-2	24842675	24922815	24818145	24861211	0.22	cps
Molybdenum	94-1	103822	105426	106950	105399	1.48	cps
Molybdenum	95-1	14784	15385	15315	15161	2.17	cps
Molybdenum	96-1	37949	37872	38621	38147	1.08	cps
Molybdenum	97-1	9033	9320	9537	9296	2.72	cps
Molybdenum	98-1	24377	24441	24481	24433	0.21	cps
Neodymium	150-1	232296	238034	240742	237024	1.82	cps
Neodymium	150-2	132755	133505	133805	133355	0.41	cps
Nickel	60-2	6695998	6790918	6590618	6692511	1.50	cps
Phosphorus	31-2	46056	46340	47256	46551	1.35	cps
Potassium	39-2	8321346	8245169	8290681	8285732	0.46	cps
Rhodium	103-1	29414419	29343749	29208740	29322302	0.36	cps
Rhodium	103-2	16600254	16784284	16779266	16721268	0.63	cps
Scandium	45-1	16753849	16469056	16514153	16579019	0.92	cps
Scandium	45-2	1338072	1320426	1370012	1342837	1.87	cps
Selenium	82-1	126643	127617	127894	127385	0.52	cps
Selenium	77-2	12242	11988	11848	12026	1.66	cps
Selenium	78-2	39389	39650	39563	39534	0.34	cps
Silicon	28-1	68226144	69521487	67932906	68560179	1.23	cps
Silver	107-1	4209007	4230011	4159499	4199506	0.86	cps
Silver	109-1	3972331	3994563	3961946	3976280	0.42	cps
Sodium	23-2	256269	257374	258387	257343	0.41	cps
Strontium	86-1	369354	374292	373007	372218	0.69	cps
Strontium	88-1	3244000	3301219	3345321	3296847	1.54	cps
Sulfur	34-1	231474	228148	226013	228545	1.20	cps
Terbium	159-1	36505942	36043014	35655944	36068300	1.18	cps
Terbium	159-2	22516158	22886815	22696192	22699722	0.82	cps
Thallium	203-1	3449871	3428319	3461532	3446574	0.49	cps
Thallium	205-1	8207529	8185924	8357168	8250207	1.13	cps
Tin	118-1	49154	50425	50227	49935	1.37	cps
Titanium	47-1	1678152	1697836	1688492	1688160	0.58	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:07:35	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39255	41769	41016	40680	3.17	cps
Vanadium	51-2	13792250	13631898	13526169	13650106	0.98	cps
Yttrium	89-1	42806461	42955101	42799741	42853768	0.20	cps
Yttrium	89-2	10507813	10346961	10334881	10396552	0.93	cps
Zinc	66-2	3381704	3313697	3335167	3343523	1.04	cps
Zirconium	90-1	268353	263545	266279	266059	0.91	cps
Zirconium	91-1	58195	60153	58720	59022	1.72	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:10:26	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16491561	16878966	16790231	16720253	1.21	cps
Antimony	121-1	36988	36142	36667	36599	1.17	cps
Arsenic	75-2	115925	116288	116516	116243	0.26	cps
Barium	135-1	2671441	2697512	2652205	2673719	0.85	cps
Barium	137-1	4506128	4558124	4497229	4520494	0.73	cps
Beryllium	9-1	2372	2389	2406	2389	0.70	cps
Bismuth	209-1	19607443	19645216	19479803	19577487	0.44	cps
Bismuth	209-2	15005722	14908156	15072425	14995434	0.55	cps
Bromine	81-1	31383	33455	34133	32990	4.34	cps
Bromine	81-2	3294	3337	3517	3383	3.50	cps
Cadmium	108-1	433	467	470	457	4.44	cps
Cadmium	106-1	11141	11141	10884	11055	1.34	cps
Cadmium	111-1	9939	9932	9670	9847	1.56	cps
Calcium	43-1	1151146	1181189	1160543	1164293	1.32	cps
Calcium	44-1	19122573	19273984	18981320	19125959	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	944833	947849	941427	944703	0.34	cps
Cobalt	59-2	705978	708381	706515	706958	0.18	cps
Copper	63-2	1542455	1521964	1507349	1523923	1.16	cps
Dysprosium	156-1	159764	162397	161888	161350	0.87	cps
Dysprosium	156-2	130217	130574	130789	130526	0.22	cps
Erbium	164-1	117896	122269	120043	120069	1.82	cps
Erbium	164-2	81529	79591	80165	80428	1.24	cps
Gadolinium	160-1	150451	154172	153931	152852	1.36	cps
Gadolinium	160-2	109631	109605	109544	109593	0.04	cps
Holmium	165-1	33709024	34374555	34443448	34175676	1.19	cps
Holmium	165-2	22834672	22633632	22717225	22728510	0.44	cps
Indium	115-1	29811519	30039606	29665795	29838973	0.63	cps
Indium	115-2	9869484	9880763	9862670	9870972	0.09	cps
Iron	56-2	708742123	692397430	696150150	699096567	1.22	cps
Iron	57-2	17472679	17385259	17365156	17407698	0.33	cps
Iron	54-2	38166467	38178879	37793729	38046359	0.58	cps
Krypton	83-1	527	523	540	530	1.66	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:10:26	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	393110	404465	399839	399138	1.43	cps
Lead	207-1	328133	333776	333842	331917	0.99	cps
Lead	208-1	1519052	1544412	1536771	1533412	0.85	cps
Lithium	6-1	2668241	2547043	2492953	2569412	3.49	cps
Magnesium	24-2	15172064	15361169	15343889	15292374	0.68	cps
Manganese	55-2	16597968	16541833	16547884	16562562	0.19	cps
Molybdenum	94-1	109539	111829	113253	111541	1.68	cps
Molybdenum	95-1	15345	15275	15185	15268	0.53	cps
Molybdenum	96-1	39570	40663	40456	40230	1.44	cps
Molybdenum	97-1	9413	9643	9466	9508	1.27	cps
Molybdenum	98-1	23385	23800	23389	23525	1.01	cps
Neodymium	150-1	300369	304463	305212	303348	0.86	cps
Neodymium	150-2	169199	171739	171540	170826	0.83	cps
Nickel	60-2	361000	356545	357212	358252	0.67	cps
Phosphorus	31-2	40336	40300	39511	40049	1.16	cps
Potassium	39-2	5871991	5863758	5779483	5838411	0.88	cps
Rhodium	103-1	28689812	28564225	28646156	28633398	0.22	cps
Rhodium	103-2	17044090	16724472	16746562	16838375	1.06	cps
Scandium	45-1	16612238	16698003	16390143	16566795	0.96	cps
Scandium	45-2	1367500	1391000	1352971	1370490	1.40	cps
Selenium	82-1	2051	2255	2169	2158	4.73	cps
Selenium	77-2	637	627	553	606	7.51	cps
Selenium	78-2	1083	1083	857	1008	12.99	cps
Silicon	28-1	70360886	71450172	70230854	70680637	0.95	cps
Silver	107-1	5454	5154	4637	5082	8.13	cps
Silver	109-1	5201	4731	4307	4746	9.42	cps
Sodium	23-2	266052	266036	263348	265145	0.59	cps
Strontium	86-1	553052	555977	563044	557357	0.92	cps
Strontium	88-1	4932538	5007639	5001215	4980464	0.84	cps
Sulfur	34-1	240534	236648	235686	237623	1.08	cps
Terbium	159-1	34819803	35225392	35873928	35306374	1.51	cps
Terbium	159-2	22461441	22884487	22401806	22582578	1.17	cps
Thallium	203-1	5685	5671	5551	5636	1.30	cps
Thallium	205-1	13217	13143	13196	13185	0.29	cps
Tin	118-1	52519	53653	53204	53125	1.08	cps
Titanium	47-1	1705335	1721375	1689216	1705308	0.94	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:10:26	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51215	51610	52895	51906	1.69	cps
Vanadium	51-2	1028127	1028756	1029203	1028695	0.05	cps
Yttrium	89-1	42853734	43088111	42443236	42795027	0.76	cps
Yttrium	89-2	10598272	10562408	10456184	10538955	0.70	cps
Zinc	66-2	340238	337202	338298	338580	0.45	cps
Zirconium	90-1	276726	282039	281528	280098	1.05	cps
Zirconium	91-1	61880	61990	62887	62252	0.89	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:13:34	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18352420	18390115	18317667	18353401	0.20	cps
Antimony	121-1	156292	158792	158176	157753	0.83	cps
Arsenic	75-2	128729	128359	125952	127680	1.18	cps
Barium	135-1	3710482	3727414	3716783	3718226	0.23	cps
Barium	137-1	6304593	6406741	6291787	6334374	0.99	cps
Beryllium	9-1	2567	2506	2461	2511	2.11	cps
Bismuth	209-1	19226375	19612687	19807363	19548808	1.51	cps
Bismuth	209-2	15218504	15126057	15204290	15182950	0.33	cps
Bromine	81-1	33277	34734	36398	34803	4.49	cps
Bromine	81-2	4131	3711	4091	3977	5.83	cps
Cadmium	108-1	530	540	473	514	6.99	cps
Cadmium	106-1	11304	11124	10637	11022	3.13	cps
Cadmium	111-1	10059	9893	9622	9858	2.24	cps
Calcium	43-1	1255558	1250032	1251049	1252213	0.23	cps
Calcium	44-1	20152003	20421435	20344493	20305977	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1010923	1014750	1010739	1012137	0.22	cps
Cobalt	59-2	829831	828513	829174	829173	0.08	cps
Copper	63-2	1709246	1692615	1670635	1690832	1.15	cps
Dysprosium	156-1	180327	181521	182173	181340	0.52	cps
Dysprosium	156-2	144990	144474	147135	145533	0.97	cps
Erbium	164-1	132565	134637	136146	134449	1.34	cps
Erbium	164-2	90252	91638	90366	90752	0.85	cps
Gadolinium	160-1	169823	173675	173484	172327	1.26	cps
Gadolinium	160-2	122549	121534	121827	121970	0.43	cps
Holmium	165-1	34303771	34605729	35038423	34649308	1.07	cps
Holmium	165-2	23219648	23148239	22868660	23078849	0.80	cps
Indium	115-1	29794583	30047962	29911267	29917937	0.42	cps
Indium	115-2	9949340	10034051	9869954	9951115	0.82	cps
Iron	56-2	776680815	789795615	788105562	784860664	0.91	cps
Iron	57-2	19450841	19498852	19375904	19441866	0.32	cps
Iron	54-2	42938646	42478258	42157899	42524934	0.92	cps
Krypton	83-1	563	527	560	550	3.69	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:13:34	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	457658	468148	461792	462533	1.14	cps
Lead	207-1	380833	387563	387335	385244	0.99	cps
Lead	208-1	1760823	1800248	1786291	1782454	1.12	cps
Lithium	6-1	2604974	2486546	2500539	2530687	2.56	cps
Magnesium	24-2	16879618	16657811	16772404	16769944	0.66	cps
Manganese	55-2	21658622	21657631	21469215	21595156	0.51	cps
Molybdenum	94-1	118915	121465	121028	120469	1.13	cps
Molybdenum	95-1	16880	17848	17497	17408	2.82	cps
Molybdenum	96-1	45133	44855	45999	45329	1.32	cps
Molybdenum	97-1	10754	10991	10711	10819	1.39	cps
Molybdenum	98-1	27265	26888	27122	27092	0.70	cps
Neodymium	150-1	331242	339946	339037	336741	1.42	cps
Neodymium	150-2	190753	189364	189888	190002	0.37	cps
Nickel	60-2	389346	385926	387503	387592	0.44	cps
Phosphorus	31-2	47216	46955	46785	46985	0.46	cps
Potassium	39-2	6593257	6586887	6639795	6606647	0.44	cps
Rhodium	103-1	28663844	28668970	28987445	28773419	0.64	cps
Rhodium	103-2	16867675	16915485	16925749	16902970	0.18	cps
Scandium	45-1	16388826	16772712	16476876	16546138	1.22	cps
Scandium	45-2	1392506	1385914	1368856	1382425	0.88	cps
Selenium	82-1	2221	2097	2088	2135	3.47	cps
Selenium	77-2	627	533	677	612	11.88	cps
Selenium	78-2	1080	1023	1037	1047	2.83	cps
Silicon	28-1	82056477	81503812	81079325	81546538	0.60	cps
Silver	107-1	4557	4671	4484	4571	2.06	cps
Silver	109-1	4401	4174	4144	4240	3.31	cps
Sodium	23-2	290353	291613	290311	290759	0.25	cps
Strontium	86-1	610929	616083	621303	616105	0.84	cps
Strontium	88-1	5477876	5505840	5527228	5503648	0.45	cps
Sulfur	34-1	237849	234812	232746	235136	1.09	cps
Terbium	159-1	35340099	35778163	35818158	35645473	0.74	cps
Terbium	159-2	22953230	22914361	22983591	22950394	0.15	cps
Thallium	203-1	5751	5571	5565	5629	1.88	cps
Thallium	205-1	13403	13564	13457	13475	0.61	cps
Tin	118-1	57615	58970	58579	58388	1.19	cps
Titanium	47-1	1828253	1865260	1849533	1847682	1.01	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:13:34	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57514	58170	57510	57731	0.66	cps
Vanadium	51-2	1153714	1146906	1153408	1151342	0.33	cps
Yttrium	89-1	43220059	42963758	43452293	43212037	0.57	cps
Yttrium	89-2	10581612	10565701	10553801	10567038	0.13	cps
Zinc	66-2	384330	381649	381696	382558	0.40	cps
Zirconium	90-1	300253	301374	305186	302271	0.86	cps
Zirconium	91-1	66359	67454	67236	67016	0.86	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:16:36	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3479889	3506403	3469444	3485246	0.55	cps
Antimony	121-1	6678	6688	6842	6736	1.36	cps
Arsenic	75-2	24340	23879	24487	24235	1.31	cps
Barium	135-1	536495	542994	536832	538774	0.68	cps
Barium	137-1	922819	922393	927414	924209	0.30	cps
Beryllium	9-1	544	572	450	522	12.27	cps
Bismuth	209-1	20148222	20081103	19871027	20033451	0.72	cps
Bismuth	209-2	15492432	15478862	15355489	15442261	0.49	cps
Bromine	81-1	20431	20211	20204	20282	0.64	cps
Bromine	81-2	867	967	903	912	5.55	cps
Cadmium	108-1	157	113	127	132	16.78	cps
Cadmium	106-1	9984	9940	10184	10036	1.29	cps
Cadmium	111-1	7415	7515	7560	7497	0.99	cps
Calcium	43-1	250496	253914	250901	251770	0.74	cps
Calcium	44-1	3974000	3981713	3964058	3973257	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194258	194480	195118	194619	0.23	cps
Cobalt	59-2	147345	144034	143034	144804	1.56	cps
Copper	63-2	318590	318175	316237	317667	0.40	cps
Dysprosium	156-1	33266	33102	32982	33117	0.43	cps
Dysprosium	156-2	26251	26832	26702	26595	1.15	cps
Erbium	164-1	24835	24532	23650	24339	2.53	cps
Erbium	164-2	16296	16490	16673	16486	1.14	cps
Gadolinium	160-1	31078	31425	31475	31326	0.69	cps
Gadolinium	160-2	22842	22618	22815	22759	0.54	cps
Holmium	165-1	34709912	34707910	34020213	34479345	1.15	cps
Holmium	165-2	23181828	23097550	22899524	23059634	0.63	cps
Indium	115-1	30078406	30580314	30060542	30239754	0.98	cps
Indium	115-2	10394029	10183355	10014828	10197404	1.86	cps
Iron	56-2	143303485	144661055	143695075	143886538	0.49	cps
Iron	57-2	3633667	3545635	3502960	3560754	1.87	cps
Iron	54-2	7884289	7755602	7941232	7860374	1.21	cps
Krypton	83-1	400	430	433	421	4.36	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:16:36	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	81891	82682	82773	82449	0.59	cps
Lead	207-1	68421	68753	68987	68720	0.41	cps
Lead	208-1	316044	319223	319439	318235	0.60	cps
Lithium	6-1	2660860	2748552	2698932	2702781	1.63	cps
Magnesium	24-2	3183604	3204399	3127870	3171958	1.25	cps
Manganese	55-2	3460936	3447285	3516823	3475015	1.06	cps
Molybdenum	94-1	23095	23235	23779	23370	1.55	cps
Molybdenum	95-1	3124	3334	3094	3184	4.11	cps
Molybdenum	96-1	8433	8296	8179	8302	1.53	cps
Molybdenum	97-1	1953	2170	2017	2047	5.44	cps
Molybdenum	98-1	5074	4934	4814	4941	2.63	cps
Neodymium	150-1	61446	61370	61949	61588	0.51	cps
Neodymium	150-2	34800	35110	35318	35076	0.74	cps
Nickel	60-2	77954	76242	76273	76823	1.28	cps
Phosphorus	31-2	8562	8462	8129	8385	2.71	cps
Potassium	39-2	1264884	1290356	1277368	1277536	1.00	cps
Rhodium	103-1	29611170	29399945	29280498	29430538	0.57	cps
Rhodium	103-2	17130938	17184363	17108551	17141284	0.23	cps
Scandium	45-1	16321643	16314903	16051355	16229300	0.95	cps
Scandium	45-2	1323912	1340090	1360787	1341596	1.38	cps
Selenium	82-1	1815	1752	1861	1809	3.03	cps
Selenium	77-2	93	133	140	122	20.65	cps
Selenium	78-2	657	583	683	641	8.08	cps
Silicon	28-1	15900089	15626531	15693377	15739999	0.91	cps
Silver	107-1	1167	1090	1037	1098	5.95	cps
Silver	109-1	930	897	870	899	3.34	cps
Sodium	23-2	114780	113823	114589	114398	0.44	cps
Strontium	86-1	114927	114101	113816	114281	0.51	cps
Strontium	88-1	998828	1006802	998758	1001463	0.46	cps
Sulfur	34-1	210743	210116	211034	210631	0.22	cps
Terbium	159-1	35665276	35604538	35676391	35648735	0.11	cps
Terbium	159-2	22979555	23105173	23190234	23091654	0.46	cps
Thallium	203-1	1403	1360	1330	1365	2.70	cps
Thallium	205-1	3287	3107	3160	3185	2.90	cps
Tin	118-1	13853	13293	13520	13555	2.08	cps
Titanium	47-1	341721	345931	345594	344415	0.68	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 21:16:36	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10664	10544	10538	10582	0.67	cps
Vanadium	51-2	212516	209499	212296	211437	0.80	cps
Yttrium	89-1	41252408	41528808	41677691	41486302	0.52	cps
Yttrium	89-2	10301658	10335060	10314683	10317134	0.16	cps
Zinc	66-2	71098	72438	71028	71521	1.11	cps
Zirconium	90-1	57890	58640	58385	58305	0.65	cps
Zirconium	91-1	13063	13073	12692	12942	1.67	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:19:48	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17088356	16864340	17234818	17062505	1.09	cps
Antimony	121-1	1836884	1876730	1853195	1855603	1.08	cps
Arsenic	75-2	151497	149767	149487	150250	0.72	cps
Barium	135-1	11489591	11397779	11361666	11416345	0.58	cps
Barium	137-1	19698425	19878622	19521784	19699610	0.91	cps
Beryllium	9-1	74679	73071	72183	73311	1.73	cps
Bismuth	209-1	19495557	19716019	19366564	19526047	0.91	cps
Bismuth	209-2	15192136	14974775	15052529	15073146	0.73	cps
Bromine	81-1	31330	32162	33785	32426	3.85	cps
Bromine	81-2	3480	3467	3317	3422	2.65	cps
Cadmium	108-1	16206	16129	16713	16349	1.94	cps
Cadmium	106-1	32737	33605	32854	33065	1.43	cps
Cadmium	111-1	249225	251794	253499	251506	0.86	cps
Calcium	43-1	1186483	1185889	1172258	1181543	0.68	cps
Calcium	44-1	18910362	18762896	18639243	18770834	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2365802	2390292	2420292	2392129	1.14	cps
Cobalt	59-2	6746713	6450390	6478316	6558473	2.49	cps
Copper	63-2	3576468	3562372	3587828	3575556	0.36	cps
Dysprosium	156-1	158820	160885	161052	160252	0.78	cps
Dysprosium	156-2	129992	127930	130849	129590	1.16	cps
Erbium	164-1	118224	120810	120891	119975	1.26	cps
Erbium	164-2	79431	79722	80346	79833	0.59	cps
Gadolinium	160-1	149754	153413	152093	151753	1.22	cps
Gadolinium	160-2	108107	108102	108704	108304	0.32	cps
Holmium	165-1	34045639	34276934	34392531	34238368	0.52	cps
Holmium	165-2	22837817	22687581	22842658	22789352	0.39	cps
Indium	115-1	29820981	29854121	29977806	29884303	0.28	cps
Indium	115-2	9931981	9853114	9940013	9908369	0.48	cps
Iron	56-2	713946843	714565483	700489296	709667207	1.12	cps
Iron	57-2	17724294	17078902	17551296	17451498	1.91	cps
Iron	54-2	38293677	38109384	38591572	38331544	0.63	cps
Krypton	83-1	570	453	490	504	11.83	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:19:48	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	643779	646894	650154	646942	0.49	cps
Lead	207-1	535319	546700	545151	542390	1.14	cps
Lead	208-1	2487673	2521055	2531190	2513306	0.91	cps
Lithium	6-1	2565678	2588881	2461341	2538634	2.68	cps
Magnesium	24-2	15028584	14883554	15309951	15074029	1.44	cps
Manganese	55-2	20109699	20079287	19911841	20033609	0.53	cps
Molybdenum	94-1	109566	110832	111205	110534	0.78	cps
Molybdenum	95-1	15161	15165	15348	15225	0.70	cps
Molybdenum	96-1	40162	40640	40566	40456	0.64	cps
Molybdenum	97-1	9356	9223	9410	9330	1.03	cps
Molybdenum	98-1	24330	23736	24390	24152	1.50	cps
Neodymium	150-1	297024	298454	302899	299459	1.02	cps
Neodymium	150-2	169805	168008	169593	169136	0.58	cps
Nickel	60-2	1931048	1886504	1916756	1911436	1.19	cps
Phosphorus	31-2	40276	39765	40123	40055	0.65	cps
Potassium	39-2	5766998	5751031	5767767	5761932	0.16	cps
Rhodium	103-1	28337525	28528555	28853646	28573242	0.91	cps
Rhodium	103-2	16893185	16735474	16915713	16848124	0.58	cps
Scandium	45-1	16620043	16682125	16354114	16552094	1.05	cps
Scandium	45-2	1349441	1352915	1363650	1355335	0.55	cps
Selenium	82-1	23050	23227	23171	23149	0.39	cps
Selenium	77-2	2600	2484	2417	2500	3.71	cps
Selenium	78-2	7372	7262	7325	7320	0.75	cps
Silicon	28-1	71815452	70805801	70461987	71027747	0.99	cps
Silver	107-1	989374	994860	996714	993649	0.38	cps
Silver	109-1	939392	950642	941079	943704	0.64	cps
Sodium	23-2	259766	262285	261462	261171	0.49	cps
Strontium	86-1	547550	551929	552524	550668	0.49	cps
Strontium	88-1	4849921	4919722	4942502	4904048	0.98	cps
Sulfur	34-1	234086	230750	228116	230984	1.30	cps
Terbium	159-1	35213374	35836259	35306299	35451978	0.95	cps
Terbium	159-2	22901105	22986446	22634659	22840737	0.80	cps
Thallium	203-1	755599	765485	770400	763828	0.99	cps
Thallium	205-1	1861497	1832765	1829448	1841237	0.96	cps
Tin	118-1	52114	52706	52686	52502	0.64	cps
Titanium	47-1	1676268	1677218	1691007	1681497	0.49	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:19:48	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51429	51770	52480	51893	1.03	cps
Vanadium	51-2	4032787	4070340	4071879	4058335	0.55	cps
Yttrium	89-1	42460113	42893643	42622866	42658874	0.51	cps
Yttrium	89-2	10514823	10370582	10477817	10454407	0.72	cps
Zinc	66-2	1010386	1007920	1006414	1008240	0.20	cps
Zirconium	90-1	273517	274476	277539	275177	0.76	cps
Zirconium	91-1	61455	62941	62037	62144	1.21	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:22:46	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18589891	18320023	18473062	18460992	0.73	cps
Antimony	121-1	7817469	7886107	7802058	7835211	0.57	cps
Arsenic	75-2	264003	265449	263779	264410	0.34	cps
Barium	135-1	38477131	38789546	38245162	38503946	0.71	cps
Barium	137-1	66049569	66101051	65914934	66021851	0.15	cps
Beryllium	9-1	290670	286898	284684	287417	1.05	cps
Bismuth	209-1	17135935	19230371	19846822	18737709	7.58	cps
Bismuth	209-2	14955649	15032778	14834356	14940928	0.67	cps
Bromine	81-1	30612	32696	33281	32196	4.36	cps
Bromine	81-2	3464	3397	3340	3400	1.82	cps
Cadmium	108-1	68762	68933	69445	69047	0.51	cps
Cadmium	106-1	103898	105469	106033	105134	1.05	cps
Cadmium	111-1	1033735	1049069	1049500	1044101	0.86	cps
Calcium	43-1	1155271	1155767	1157542	1156193	0.10	cps
Calcium	44-1	18205893	18145607	18232706	18194736	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6767215	6684163	6680531	6710636	0.73	cps
Cobalt	59-2	24339871	24533295	24147337	24340168	0.79	cps
Copper	63-2	9846999	10026118	9744111	9872409	1.45	cps
Dysprosium	156-1	157593	154873	157951	156806	1.07	cps
Dysprosium	156-2	126241	126070	127112	126474	0.44	cps
Erbium	164-1	118044	116302	117324	117223	0.75	cps
Erbium	164-2	76900	76334	77644	76959	0.85	cps
Gadolinium	160-1	148966	149426	148518	148970	0.30	cps
Gadolinium	160-2	105476	104657	105554	105229	0.47	cps
Holmium	165-1	30020335	33973792	34002940	32665689	7.01	cps
Holmium	165-2	22500802	22600387	22789149	22630113	0.65	cps
Indium	115-1	25969434	29135883	29661915	28255744	7.07	cps
Indium	115-2	9938757	9835721	9684596	9819691	1.30	cps
Iron	56-2	704361296	703100976	691202310	699554861	1.04	cps
Iron	57-2	17348658	17428072	17179385	17318705	0.73	cps
Iron	54-2	38186409	37924351	37570800	37893853	0.82	cps
Krypton	83-1	640	520	520	560	12.37	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:22:46	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1454363	1474396	1467166	1465309	0.69	cps
Lead	207-1	1226317	1246837	1248229	1240461	0.99	cps
Lead	208-1	5673155	5726993	5764082	5721410	0.80	cps
Lithium	6-1	2312222	2447987	2531350	2430520	4.55	cps
Magnesium	24-2	14543485	14509313	14665079	14572625	0.56	cps
Manganese	55-2	27014143	26685985	26541663	26747264	0.91	cps
Molybdenum	94-1	111104	112413	110771	111429	0.78	cps
Molybdenum	95-1	15381	15465	15205	15350	0.87	cps
Molybdenum	96-1	40165	40209	40523	40299	0.48	cps
Molybdenum	97-1	9236	9190	9060	9162	1.00	cps
Molybdenum	98-1	23736	24564	23946	24082	1.79	cps
Neodymium	150-1	297150	299350	297446	297982	0.40	cps
Neodymium	150-2	165726	163362	164369	164485	0.72	cps
Nickel	60-2	6582712	6540474	6544453	6555880	0.36	cps
Phosphorus	31-2	37553	38264	37646	37821	1.02	cps
Potassium	39-2	5565218	5641908	5622972	5610032	0.71	cps
Rhodium	103-1	24762697	27981325	28376320	27040114	7.33	cps
Rhodium	103-2	16680891	16657819	16469894	16602868	0.70	cps
Scandium	45-1	14146530	15933693	16146174	15408799	7.13	cps
Scandium	45-2	1336555	1336872	1332048	1335158	0.20	cps
Selenium	82-1	130631	130895	130344	130623	0.21	cps
Selenium	77-2	12459	12585	12372	12472	0.86	cps
Selenium	78-2	39890	40789	38874	39851	2.40	cps
Silicon	28-1	67640959	67948399	66835726	67475028	0.85	cps
Silver	107-1	4036420	4097057	4092893	4075456	0.83	cps
Silver	109-1	3875940	3918425	3860675	3885013	0.77	cps
Sodium	23-2	257647	258592	256905	257714	0.33	cps
Strontium	86-1	533519	542278	540648	538815	0.86	cps
Strontium	88-1	4789061	4812060	4721542	4774221	0.99	cps
Sulfur	34-1	230100	224822	222590	225837	1.71	cps
Terbium	159-1	31327980	34536404	35833409	33899264	6.84	cps
Terbium	159-2	22630396	22530597	22331222	22497405	0.68	cps
Thallium	203-1	3307629	3365205	3324746	3332527	0.89	cps
Thallium	205-1	7818038	7899239	7897625	7871634	0.59	cps
Tin	118-1	51462	52331	51983	51925	0.84	cps
Titanium	47-1	1629084	1644760	1636701	1636848	0.48	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:22:46	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50954	50539	51245	50912	0.70	cps
Vanadium	51-2	13404704	13442170	13289481	13378785	0.59	cps
Yttrium	89-1	37262118	42018763	42606124	40629002	7.21	cps
Yttrium	89-2	10315661	10237542	10275721	10276308	0.38	cps
Zinc	66-2	3127601	3079017	3080737	3095785	0.89	cps
Zirconium	90-1	278848	279972	280473	279764	0.30	cps
Zirconium	91-1	63503	61311	63416	62743	1.98	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-04	Instrumnet Name :	P7
Client Sample ID :	MYE5N5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:25:41	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17724821	17861301	17983113	17856412	0.72	cps
Antimony	121-1	29671	29761	29791	29741	0.21	cps
Arsenic	75-2	130396	131402	130659	130819	0.40	cps
Barium	135-1	2619022	2638386	2667037	2641482	0.91	cps
Barium	137-1	4462167	4503678	4580566	4515470	1.33	cps
Beryllium	9-1	2861	2845	2884	2863	0.68	cps
Bismuth	209-1	19252119	19776062	19780869	19603017	1.55	cps
Bismuth	209-2	14844554	14789340	14859872	14831255	0.25	cps
Bromine	81-1	29496	30328	30435	30086	1.71	cps
Bromine	81-2	2957	3060	3047	3021	1.86	cps
Cadmium	108-1	783	640	723	716	10.06	cps
Cadmium	106-1	11271	10714	11008	10998	2.53	cps
Cadmium	111-1	11949	11559	11960	11823	1.93	cps
Calcium	43-1	629506	629280	629513	629433	0.02	cps
Calcium	44-1	9887424	10013089	9975888	9958800	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	635423	638108	639929	637820	0.36	cps
Cobalt	59-2	620998	620098	614495	618530	0.57	cps
Copper	63-2	1736741	1734643	1728705	1733363	0.24	cps
Dysprosium	156-1	164619	165435	167796	165950	0.99	cps
Dysprosium	156-2	131075	132585	133187	132283	0.82	cps
Erbium	164-1	132312	134513	134816	133880	1.02	cps
Erbium	164-2	88719	88139	89849	88902	0.98	cps
Gadolinium	160-1	157825	160697	161347	159956	1.17	cps
Gadolinium	160-2	114248	113982	113277	113835	0.44	cps
Holmium	165-1	33801749	33881356	33982083	33888396	0.27	cps
Holmium	165-2	22525603	22306607	22458158	22430123	0.50	cps
Indium	115-1	29525098	29535714	29326454	29462422	0.40	cps
Indium	115-2	9695682	9795662	9724764	9738703	0.53	cps
Iron	56-2	637480337	641655097	631148204	636761213	0.83	cps
Iron	57-2	15814736	15856368	15682051	15784385	0.58	cps
Iron	54-2	34311949	34692665	34322093	34442236	0.63	cps
Krypton	83-1	590	610	543	581	5.89	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-04	Instrumnet Name :	P7
Client Sample ID :	MYE5N5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:25:41	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	582008	579643	587132	582928	0.66	cps
Lead	207-1	485043	491636	493942	490207	0.94	cps
Lead	208-1	2242623	2256895	2271418	2256979	0.64	cps
Lithium	6-1	2527866	2472445	2497747	2499353	1.11	cps
Magnesium	24-2	13958264	14091894	14358505	14136221	1.44	cps
Manganese	55-2	14383658	14561597	14469819	14471691	0.61	cps
Molybdenum	94-1	154829	157378	158720	156976	1.26	cps
Molybdenum	95-1	10771	10928	10991	10896	1.04	cps
Molybdenum	96-1	42839	42796	42836	42824	0.06	cps
Molybdenum	97-1	6778	6835	6615	6743	1.69	cps
Molybdenum	98-1	16279	16336	17057	16557	2.62	cps
Neodymium	150-1	300428	304190	306195	303604	0.96	cps
Neodymium	150-2	173710	172815	171032	172519	0.79	cps
Nickel	60-2	268813	269465	271698	269992	0.56	cps
Phosphorus	31-2	41927	42255	42853	42345	1.11	cps
Potassium	39-2	7041466	7139427	7117278	7099390	0.72	cps
Rhodium	103-1	28065647	28041438	28191236	28099440	0.29	cps
Rhodium	103-2	16649521	16554023	16583446	16595663	0.29	cps
Scandium	45-1	16027517	15981790	16066911	16025406	0.27	cps
Scandium	45-2	1321234	1356390	1337067	1338231	1.32	cps
Selenium	82-1	1921	1806	1941	1889	3.85	cps
Selenium	77-2	613	583	487	561	11.80	cps
Selenium	78-2	1063	1023	1023	1037	2.23	cps
Silicon	28-1	82465980	82957909	82135709	82519866	0.50	cps
Silver	107-1	8636	8012	7836	8161	5.15	cps
Silver	109-1	7932	7635	7155	7574	5.18	cps
Sodium	23-2	219618	221842	221737	221066	0.57	cps
Strontium	86-1	518010	522402	523995	521469	0.59	cps
Strontium	88-1	4616262	4672005	4606818	4631695	0.76	cps
Sulfur	34-1	220244	214437	212179	215620	1.93	cps
Terbium	159-1	34763438	34653275	35839059	35085257	1.87	cps
Terbium	159-2	22910080	22523912	22353831	22595941	1.26	cps
Thallium	203-1	12326	12336	12699	12454	1.71	cps
Thallium	205-1	29054	28941	28724	28906	0.58	cps
Tin	118-1	50378	51994	51786	51386	1.71	cps
Titanium	47-1	1628241	1666231	1632890	1642454	1.26	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-04	Instrumnet Name :	P7
Client Sample ID :	MYE5N5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:25:41	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54652	56098	55341	55363	1.31	cps
Vanadium	51-2	1048609	1050668	1051881	1050386	0.16	cps
Yttrium	89-1	41637234	42293941	42348306	42093160	0.94	cps
Yttrium	89-2	10312775	10432204	10402208	10382396	0.60	cps
Zinc	66-2	388443	391614	388107	389388	0.50	cps
Zirconium	90-1	407717	413427	413409	411517	0.80	cps
Zirconium	91-1	90235	92127	92774	91712	1.44	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:28:45	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14313022	14574487	14056472	14314660	1.81	cps
Antimony	121-1	63021	64055	63680	63585	0.82	cps
Arsenic	75-2	116264	115582	115518	115788	0.36	cps
Barium	135-1	2553871	2557298	2516155	2542441	0.90	cps
Barium	137-1	4273955	4351543	4372437	4332645	1.20	cps
Beryllium	9-1	2167	2250	2222	2213	1.92	cps
Bismuth	209-1	19888655	19708589	19771088	19789444	0.46	cps
Bismuth	209-2	15019625	15178753	15163665	15120681	0.58	cps
Bromine	81-1	27739	28117	28524	28127	1.40	cps
Bromine	81-2	2397	2644	2624	2555	5.36	cps
Cadmium	108-1	1120	1127	1130	1126	0.45	cps
Cadmium	106-1	11461	11558	11488	11502	0.43	cps
Cadmium	111-1	18990	19077	19419	19162	1.18	cps
Calcium	43-1	603614	602060	606451	604041	0.37	cps
Calcium	44-1	9521708	9466676	9587087	9525157	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	582296	589149	577879	583108	0.97	cps
Cobalt	59-2	574798	574826	575926	575183	0.11	cps
Copper	63-2	2698821	2726333	2661690	2695615	1.20	cps
Dysprosium	156-1	140885	143195	143251	142444	0.95	cps
Dysprosium	156-2	115459	115201	115161	115274	0.14	cps
Erbium	164-1	107163	109474	107953	108197	1.09	cps
Erbium	164-2	72051	72808	71991	72283	0.63	cps
Gadolinium	160-1	134771	136413	137944	136376	1.16	cps
Gadolinium	160-2	97741	96513	96301	96852	0.80	cps
Holmium	165-1	33914546	34344586	34218997	34159376	0.65	cps
Holmium	165-2	22546935	22616343	22473408	22545562	0.32	cps
Indium	115-1	30086549	29731623	29770517	29862896	0.65	cps
Indium	115-2	9875027	9705354	9877748	9819376	1.01	cps
Iron	56-2	651458430	644280097	644815764	646851430	0.62	cps
Iron	57-2	16062257	16122398	16061123	16081926	0.22	cps
Iron	54-2	35503142	35010417	35247123	35253561	0.70	cps
Krypton	83-1	457	547	517	507	9.04	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:28:45	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1550456	1568897	1578129	1565827	0.90	cps
Lead	207-1	1347071	1353128	1361486	1353895	0.53	cps
Lead	208-1	6135092	6167737	6224514	6175781	0.73	cps
Lithium	6-1	2479122	2505096	2423485	2469234	1.69	cps
Magnesium	24-2	11124566	11218781	10939951	11094432	1.28	cps
Manganese	55-2	15106372	14834890	15027130	14989464	0.93	cps
Molybdenum	94-1	119066	120074	121159	120100	0.87	cps
Molybdenum	95-1	17474	17387	17541	17467	0.44	cps
Molybdenum	96-1	44073	43772	43872	43906	0.35	cps
Molybdenum	97-1	10517	10687	10827	10677	1.45	cps
Molybdenum	98-1	27342	27766	27516	27542	0.77	cps
Neodymium	150-1	266398	271146	273153	270232	1.28	cps
Neodymium	150-2	153532	150281	151248	151687	1.10	cps
Nickel	60-2	234526	233406	232322	233418	0.47	cps
Phosphorus	31-2	49179	49861	50095	49712	0.96	cps
Potassium	39-2	8462052	8489680	8511370	8487701	0.29	cps
Rhodium	103-1	28655265	28093036	28397107	28381803	0.99	cps
Rhodium	103-2	16694383	16461210	16762352	16639315	0.95	cps
Scandium	45-1	16227581	15865319	15946516	16013139	1.19	cps
Scandium	45-2	1325604	1334177	1345203	1334994	0.74	cps
Selenium	82-1	2105	2062	2208	2125	3.53	cps
Selenium	77-2	523	570	533	542	4.53	cps
Selenium	78-2	910	1040	947	966	6.94	cps
Silicon	28-1	62056596	61951337	61468962	61825632	0.51	cps
Silver	107-1	14034	14961	14381	14458	3.24	cps
Silver	109-1	13610	13780	13306	13565	1.77	cps
Sodium	23-2	245917	246280	247005	246401	0.22	cps
Strontium	86-1	529845	535710	536386	533981	0.67	cps
Strontium	88-1	4704482	4716341	4723488	4714770	0.20	cps
Sulfur	34-1	223402	223125	220082	222203	0.83	cps
Terbium	159-1	35329300	34966659	35555709	35283890	0.84	cps
Terbium	159-2	22859288	22395459	22578328	22611025	1.03	cps
Thallium	203-1	6722	6702	6942	6788	1.96	cps
Thallium	205-1	16146	16073	16173	16131	0.32	cps
Tin	118-1	71570	71449	71242	71420	0.23	cps
Titanium	47-1	2009476	1997830	1993806	2000370	0.41	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:28:45	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48766	50228	49247	49414	1.51	cps
Vanadium	51-2	968505	972600	959000	966702	0.72	cps
Yttrium	89-1	41893289	41195267	42119593	41736049	1.15	cps
Yttrium	89-2	10139665	10223604	10260381	10207883	0.61	cps
Zinc	66-2	572118	574590	572410	573039	0.24	cps
Zirconium	90-1	294548	297122	300200	297290	0.95	cps
Zirconium	91-1	66547	66915	67220	66894	0.50	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:31:49	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20970589	20798349	20712106	20827015	0.63	cps
Antimony	121-1	33666	34712	35063	34480	2.11	cps
Arsenic	75-2	119960	118636	120400	119665	0.77	cps
Barium	135-1	3434678	3510147	3540769	3495198	1.56	cps
Barium	137-1	5997282	6067371	6036822	6033825	0.58	cps
Beryllium	9-1	3011	2900	2895	2936	2.24	cps
Bismuth	209-1	18972948	19928967	20058563	19653493	3.02	cps
Bismuth	209-2	15274593	15260628	15222021	15252414	0.18	cps
Bromine	81-1	28538	29289	29536	29121	1.79	cps
Bromine	81-2	2877	2820	2870	2856	1.08	cps
Cadmium	108-1	863	900	987	917	6.91	cps
Cadmium	106-1	11915	11535	11935	11795	1.91	cps
Cadmium	111-1	12414	12358	12638	12470	1.19	cps
Calcium	43-1	1456122	1505883	1514742	1492249	2.12	cps
Calcium	44-1	23574473	23864598	23890571	23776547	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	830497	823929	829535	827987	0.43	cps
Cobalt	59-2	641270	640635	644528	642144	0.33	cps
Copper	63-2	1653322	1616938	1653983	1641414	1.29	cps
Dysprosium	156-1	194244	198635	200835	197905	1.70	cps
Dysprosium	156-2	161990	160594	162690	161758	0.66	cps
Erbium	164-1	144407	146539	148177	146374	1.29	cps
Erbium	164-2	99236	98219	98417	98624	0.55	cps
Gadolinium	160-1	182131	185674	185498	184434	1.08	cps
Gadolinium	160-2	127870	129781	128997	128883	0.75	cps
Holmium	165-1	32871895	35034919	34693534	34200116	3.40	cps
Holmium	165-2	23168101	22887400	22927031	22994177	0.66	cps
Indium	115-1	28908921	29740320	29799270	29482837	1.69	cps
Indium	115-2	10071723	9989150	9879071	9979981	0.97	cps
Iron	56-2	682059297	674651937	679354017	678688417	0.55	cps
Iron	57-2	16825952	16861925	16703264	16797047	0.50	cps
Iron	54-2	37043305	36502879	36847379	36797854	0.74	cps
Krypton	83-1	573	577	513	554	6.43	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:31:49	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	523675	529132	533343	528717	0.92	cps
Lead	207-1	433376	447714	447961	443017	1.88	cps
Lead	208-1	2008203	2049112	2061188	2039501	1.36	cps
Lithium	6-1	2572540	2607928	2542876	2574448	1.27	cps
Magnesium	24-2	16607151	17089036	16835139	16843775	1.43	cps
Manganese	55-2	15800748	15458489	15612052	15623763	1.10	cps
Molybdenum	94-1	248421	255048	256055	253174	1.64	cps
Molybdenum	95-1	14310	14524	14431	14422	0.74	cps
Molybdenum	96-1	61877	63149	63839	62955	1.58	cps
Molybdenum	97-1	8486	8876	8866	8743	2.54	cps
Molybdenum	98-1	21319	22938	22237	22165	3.66	cps
Neodymium	150-1	391730	401776	399877	397794	1.34	cps
Neodymium	150-2	226743	224582	225199	225508	0.49	cps
Nickel	60-2	395630	392727	397139	395166	0.57	cps
Phosphorus	31-2	65814	64147	63829	64597	1.65	cps
Potassium	39-2	11451556	11570060	11599348	11540321	0.68	cps
Rhodium	103-1	27873935	28733096	28810275	28472435	1.83	cps
Rhodium	103-2	17111393	16793881	16605570	16836948	1.52	cps
Scandium	45-1	15936609	16286454	16437469	16220177	1.58	cps
Scandium	45-2	1370715	1369872	1381023	1373870	0.45	cps
Selenium	82-1	2057	2071	2249	2125	5.04	cps
Selenium	77-2	780	753	797	777	2.81	cps
Selenium	78-2	1067	1097	1123	1096	2.59	cps
Silicon	28-1	76970579	77495851	77811937	77426122	0.55	cps
Silver	107-1	7986	8089	7919	7998	1.07	cps
Silver	109-1	7722	7796	7645	7721	0.97	cps
Sodium	23-2	313947	314092	314201	314080	0.04	cps
Strontium	86-1	1921921	1932905	1928775	1927867	0.29	cps
Strontium	88-1	16497692	16992689	17170555	16886978	2.06	cps
Sulfur	34-1	271030	271366	271227	271208	0.06	cps
Terbium	159-1	35122006	35783573	35669089	35524889	1.00	cps
Terbium	159-2	23284775	22905123	22890026	23026642	0.97	cps
Thallium	203-1	6908	7679	7282	7290	5.29	cps
Thallium	205-1	16837	17541	17131	17170	2.06	cps
Tin	118-1	61554	62960	63014	62509	1.32	cps
Titanium	47-1	2512213	2536228	2568545	2538995	1.11	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:31:49	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	84805	86995	86237	86012	1.29	cps
Vanadium	51-2	1166765	1155757	1158140	1160221	0.50	cps
Yttrium	89-1	41816346	43222664	43243191	42760734	1.91	cps
Yttrium	89-2	10732617	10573428	10509149	10605065	1.08	cps
Zinc	66-2	441306	437265	435332	437968	0.70	cps
Zirconium	90-1	655640	672946	675582	668056	1.62	cps
Zirconium	91-1	145389	148563	149243	147731	1.39	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:34:52	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10113312	10085504	9860276	10019698	1.38	cps
Antimony	121-1	42269	43519	44462	43417	2.53	cps
Arsenic	75-2	82018	83325	81351	82231	1.22	cps
Barium	135-1	1880057	1910574	1875121	1888584	1.02	cps
Barium	137-1	3238323	3258351	3192242	3229638	1.05	cps
Beryllium	9-1	1400	1278	1395	1357	5.08	cps
Bismuth	209-1	19943473	19872629	20282105	20032736	1.09	cps
Bismuth	209-2	15322523	15207266	15288058	15272616	0.39	cps
Bromine	81-1	44380	47021	47570	46324	3.68	cps
Bromine	81-2	5965	5945	5738	5882	2.13	cps
Cadmium	108-1	313	413	383	370	13.87	cps
Cadmium	106-1	10264	10694	10467	10475	2.06	cps
Cadmium	111-1	9756	10053	9966	9925	1.54	cps
Calcium	43-1	1114922	1113479	1123229	1117210	0.47	cps
Calcium	44-1	17460441	17733046	17609421	17600969	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	651839	649654	645970	649154	0.46	cps
Cobalt	59-2	491861	495713	492295	493289	0.43	cps
Copper	63-2	1049118	1059540	1050421	1053027	0.54	cps
Dysprosium	156-1	106208	108475	109278	107987	1.47	cps
Dysprosium	156-2	88071	86578	88768	87806	1.27	cps
Erbium	164-1	80443	82522	80554	81173	1.44	cps
Erbium	164-2	54445	53585	53953	53995	0.80	cps
Gadolinium	160-1	101185	102726	103724	102545	1.25	cps
Gadolinium	160-2	72861	72945	73243	73017	0.27	cps
Holmium	165-1	34241436	34951056	33945960	34379484	1.50	cps
Holmium	165-2	23226778	22827637	22884826	22979747	0.94	cps
Indium	115-1	30359876	30458097	30436980	30418318	0.17	cps
Indium	115-2	10151162	9962746	10036816	10050241	0.94	cps
Iron	56-2	461484100	459584393	460782860	460617118	0.21	cps
Iron	57-2	11569196	11550826	11342882	11487635	1.09	cps
Iron	54-2	25121485	24967119	24979897	25022834	0.34	cps
Krypton	83-1	450	507	493	483	6.13	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:34:52	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	277442	280596	280190	279409	0.61	cps
Lead	207-1	232555	232331	230461	231782	0.50	cps
Lead	208-1	1068953	1079018	1080754	1076241	0.59	cps
Lithium	6-1	2513331	2535376	2489804	2512837	0.91	cps
Magnesium	24-2	11103707	10862472	10902122	10956100	1.18	cps
Manganese	55-2	14649213	14622251	14831500	14700988	0.77	cps
Molybdenum	94-1	58757	59008	59487	59084	0.63	cps
Molybdenum	95-1	13276	13893	14087	13752	3.08	cps
Molybdenum	96-1	28094	27980	28621	28232	1.21	cps
Molybdenum	97-1	8296	8382	8556	8411	1.57	cps
Molybdenum	98-1	21349	21529	21920	21599	1.35	cps
Neodymium	150-1	203863	204272	207095	205077	0.86	cps
Neodymium	150-2	116668	115105	115001	115591	0.81	cps
Nickel	60-2	233728	236121	234868	234906	0.51	cps
Phosphorus	31-2	39110	40293	39120	39508	1.72	cps
Potassium	39-2	4841468	4865992	4921775	4876412	0.84	cps
Rhodium	103-1	28925600	29180670	29130472	29078914	0.46	cps
Rhodium	103-2	17044230	17028036	16954066	17008778	0.28	cps
Scandium	45-1	16012438	16284912	16026494	16107948	0.95	cps
Scandium	45-2	1331286	1342160	1362397	1345281	1.17	cps
Selenium	82-1	2074	2069	2025	2056	1.29	cps
Selenium	77-2	430	393	380	401	6.45	cps
Selenium	78-2	797	910	777	828	8.69	cps
Silicon	28-1	64843182	64285259	63335531	64154657	1.19	cps
Silver	107-1	2750	2587	2670	2669	3.06	cps
Silver	109-1	2397	2637	2404	2479	5.51	cps
Sodium	23-2	510644	505358	513373	509792	0.80	cps
Strontium	86-1	987773	995556	996350	993226	0.48	cps
Strontium	88-1	8877850	8914302	8937535	8909896	0.34	cps
Sulfur	34-1	253580	257061	256610	255750	0.74	cps
Terbium	159-1	35488439	35556614	35871185	35638746	0.57	cps
Terbium	159-2	23135479	22967294	22893556	22998776	0.54	cps
Thallium	203-1	3427	3707	3377	3504	5.08	cps
Thallium	205-1	8403	8346	8423	8390	0.47	cps
Tin	118-1	40363	41459	40791	40871	1.35	cps
Titanium	47-1	1058592	1065476	1070168	1064746	0.55	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:34:52	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	62242	62871	63869	62994	1.30	cps
Vanadium	51-2	707156	702860	706425	705480	0.33	cps
Yttrium	89-1	42029295	42201526	42207525	42146115	0.24	cps
Yttrium	89-2	10404034	10458271	10326420	10396242	0.64	cps
Zinc	66-2	353342	354049	349977	352456	0.62	cps
Zirconium	90-1	139751	141407	140141	140433	0.62	cps
Zirconium	91-1	30999	32038	31601	31546	1.65	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-04	Instrumnet Name :	P7
Client Sample ID :	MYE5M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:38:00	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17555386	17697939	17323634	17525653	1.08	cps
Antimony	121-1	34207	35454	35043	34901	1.82	cps
Arsenic	75-2	156134	155218	155635	155663	0.29	cps
Barium	135-1	2482142	2511327	2445863	2479778	1.32	cps
Barium	137-1	4182733	4275061	4226050	4227948	1.09	cps
Beryllium	9-1	2761	2389	2706	2619	7.67	cps
Bismuth	209-1	19993297	20012611	20216776	20074228	0.62	cps
Bismuth	209-2	15271512	15322606	15077940	15224019	0.85	cps
Bromine	81-1	26591	28391	28334	27772	3.68	cps
Bromine	81-2	2707	2527	2677	2637	3.66	cps
Cadmium	108-1	713	793	780	762	5.62	cps
Cadmium	106-1	11565	10978	11241	11261	2.61	cps
Cadmium	111-1	13350	12770	12927	13016	2.31	cps
Calcium	43-1	795164	803993	799938	799699	0.55	cps
Calcium	44-1	12637463	12722577	12475529	12611857	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	921485	904154	909518	911719	0.97	cps
Cobalt	59-2	751982	748217	743991	748063	0.53	cps
Copper	63-2	1837035	1831151	1799155	1822447	1.12	cps
Dysprosium	156-1	174267	177280	180204	177251	1.67	cps
Dysprosium	156-2	142248	143667	143514	143143	0.54	cps
Erbium	164-1	138758	141243	141888	140629	1.18	cps
Erbium	164-2	93762	94295	93342	93800	0.51	cps
Gadolinium	160-1	164626	165447	167121	165731	0.77	cps
Gadolinium	160-2	116986	116486	116422	116631	0.26	cps
Holmium	165-1	34070651	34983904	34858908	34637821	1.43	cps
Holmium	165-2	22852285	22942415	22931703	22908801	0.21	cps
Indium	115-1	29244370	30267899	30157337	29889869	1.88	cps
Indium	115-2	9966136	10020450	10040249	10008945	0.38	cps
Iron	56-2	796795321	794544921	795035028	795458424	0.15	cps
Iron	57-2	19938938	19646871	19520933	19702247	1.09	cps
Iron	54-2	43667638	42628713	42893829	43063393	1.25	cps
Krypton	83-1	530	593	523	549	7.04	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-04	Instrumnet Name :	P7
Client Sample ID :	MYE5M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:38:00	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1127070	1162652	1163346	1151023	1.80	cps
Lead	207-1	963364	969878	984686	972642	1.12	cps
Lead	208-1	4497575	4514063	4502493	4504710	0.19	cps
Lithium	6-1	2561577	2554055	2469988	2528540	2.01	cps
Magnesium	24-2	14335329	14445224	14401878	14394143	0.38	cps
Manganese	55-2	22265629	21975575	22212791	22151332	0.70	cps
Molybdenum	94-1	171224	173886	178461	174524	2.10	cps
Molybdenum	95-1	13707	14154	14177	14012	1.89	cps
Molybdenum	96-1	50413	51300	51383	51032	1.05	cps
Molybdenum	97-1	8626	8449	8759	8611	1.81	cps
Molybdenum	98-1	21185	22227	22270	21894	2.81	cps
Neodymium	150-1	330284	335938	335664	333962	0.95	cps
Neodymium	150-2	189913	187771	186811	188165	0.84	cps
Nickel	60-2	375499	373543	376080	375041	0.35	cps
Phosphorus	31-2	51359	51430	51409	51399	0.07	cps
Potassium	39-2	7544445	7508597	7596166	7549736	0.58	cps
Rhodium	103-1	28313770	29214618	28577138	28701842	1.61	cps
Rhodium	103-2	17105567	17074987	17146360	17108971	0.21	cps
Scandium	45-1	15987577	16225647	16345719	16186314	1.13	cps
Scandium	45-2	1360558	1380433	1393084	1378025	1.19	cps
Selenium	82-1	2159	2049	2081	2096	2.71	cps
Selenium	77-2	697	637	573	636	9.70	cps
Selenium	78-2	1117	950	1013	1027	8.19	cps
Silicon	28-1	75750354	75537556	75743381	75677097	0.16	cps
Silver	107-1	8466	8416	8819	8567	2.57	cps
Silver	109-1	7992	8026	7906	7974	0.78	cps
Sodium	23-2	281378	281301	279202	280627	0.44	cps
Strontium	86-1	444708	457543	451922	451391	1.43	cps
Strontium	88-1	3964771	3975440	4041735	3993982	1.04	cps
Sulfur	34-1	216657	209063	206726	210815	2.46	cps
Terbium	159-1	34852310	35871935	35685314	35469853	1.53	cps
Terbium	159-2	23079374	23156190	22954657	23063407	0.44	cps
Thallium	203-1	7939	7999	8173	8037	1.51	cps
Thallium	205-1	19107	19057	19401	19188	0.97	cps
Tin	118-1	54061	54653	55486	54733	1.31	cps
Titanium	47-1	2432504	2503755	2453529	2463263	1.49	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-04	Instrumnet Name :	P7
Client Sample ID :	MYE5M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:38:00	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61136	61253	62760	61717	1.47	cps
Vanadium	51-2	1594907	1548360	1559698	1567655	1.55	cps
Yttrium	89-1	42181736	43094661	43326409	42867602	1.41	cps
Yttrium	89-2	10697764	10518441	10754446	10656884	1.16	cps
Zinc	66-2	452491	453899	450155	452182	0.42	cps
Zirconium	90-1	445625	452294	456410	451443	1.21	cps
Zirconium	91-1	99836	101434	101407	100892	0.91	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-05	Instrumnet Name :	P7
Client Sample ID :	MYE5M4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:41:04	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8646177	8613126	8668129	8642478	0.32	cps
Antimony	121-1	6261	6211	6028	6167	1.99	cps
Arsenic	75-2	90591	91023	89886	90500	0.63	cps
Barium	135-1	2151948	2137147	2137676	2142257	0.39	cps
Barium	137-1	3693420	3686621	3673963	3684668	0.27	cps
Beryllium	9-1	3178	3195	3489	3287	5.32	cps
Bismuth	209-1	19934087	19766072	20079167	19926442	0.79	cps
Bismuth	209-2	15377695	15441422	15283000	15367372	0.52	cps
Bromine	81-1	17994	18135	17714	17948	1.19	cps
Bromine	81-2	853	873	807	844	4.05	cps
Cadmium	108-1	310	350	373	344	9.30	cps
Cadmium	106-1	11828	11768	11528	11708	1.36	cps
Cadmium	111-1	9333	9193	9142	9222	1.07	cps
Calcium	43-1	2101548	2128266	2129063	2119626	0.74	cps
Calcium	44-1	34094246	34184087	34173107	34150480	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	805772	803974	800596	803447	0.33	cps
Cobalt	59-2	480873	474828	477865	477856	0.63	cps
Copper	63-2	537752	534984	538735	537157	0.36	cps
Dysprosium	156-1	240655	240729	239491	240292	0.29	cps
Dysprosium	156-2	192909	195505	196555	194990	0.96	cps
Erbium	164-1	201137	199712	202226	201025	0.63	cps
Erbium	164-2	134823	134214	132669	133902	0.83	cps
Gadolinium	160-1	223874	223728	221575	223059	0.58	cps
Gadolinium	160-2	159509	157413	157750	158224	0.71	cps
Holmium	165-1	34598944	34590134	34352668	34513916	0.40	cps
Holmium	165-2	22886427	23203616	22736306	22942117	1.04	cps
Indium	115-1	30044513	30306494	29939968	30096992	0.63	cps
Indium	115-2	10043741	10032146	9990209	10022032	0.28	cps
Iron	56-2	309206175	303005329	304010935	305407480	1.09	cps
Iron	57-2	7663534	7518291	7560843	7580889	0.98	cps
Iron	54-2	16552413	16695294	16450760	16566156	0.74	cps
Krypton	83-1	833	737	703	758	8.91	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-05	Instrumnet Name :	P7
Client Sample ID :	MYE5M4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:41:04	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	705949	697125	704148	702407	0.66	cps
Lead	207-1	505967	507143	496545	503218	1.15	cps
Lead	208-1	2492123	2497930	2508758	2499604	0.34	cps
Lithium	6-1	2697601	2687461	2751756	2712273	1.27	cps
Magnesium	24-2	10293895	10416698	10419757	10376783	0.69	cps
Manganese	55-2	19556582	19831779	19536571	19641644	0.84	cps
Molybdenum	94-1	126302	126396	125277	125992	0.49	cps
Molybdenum	95-1	14337	14501	14257	14365	0.86	cps
Molybdenum	96-1	38046	37688	38407	38047	0.94	cps
Molybdenum	97-1	8889	8786	8596	8757	1.70	cps
Molybdenum	98-1	22815	22167	22761	22581	1.59	cps
Neodymium	150-1	432864	429057	432248	431390	0.47	cps
Neodymium	150-2	245377	243707	242761	243948	0.54	cps
Nickel	60-2	284214	286058	284132	284801	0.38	cps
Phosphorus	31-2	32942	32772	33376	33030	0.94	cps
Potassium	39-2	1501394	1501411	1510186	1504330	0.34	cps
Rhodium	103-1	29112435	29003515	28862665	28992872	0.43	cps
Rhodium	103-2	16928433	16727421	16749650	16801834	0.66	cps
Scandium	45-1	16175757	16314482	16389723	16293321	0.67	cps
Scandium	45-2	1324799	1359721	1348969	1344496	1.33	cps
Selenium	82-1	1999	2098	2125	2074	3.21	cps
Selenium	77-2	757	763	857	792	7.06	cps
Selenium	78-2	1097	1090	1127	1104	1.77	cps
Silicon	28-1	56448611	56749756	55719629	56305999	0.94	cps
Silver	107-1	1310	1390	1313	1338	3.38	cps
Silver	109-1	1050	1080	1017	1049	3.02	cps
Sodium	23-2	296630	295005	296420	296018	0.30	cps
Strontium	86-1	492602	497167	492698	494156	0.53	cps
Strontium	88-1	4340498	4380389	4355025	4358637	0.46	cps
Sulfur	34-1	229938	246938	251709	242862	4.71	cps
Terbium	159-1	35692166	35648394	35293064	35544541	0.62	cps
Terbium	159-2	23203471	23047866	23038139	23096492	0.40	cps
Thallium	203-1	2567	2507	2630	2568	2.40	cps
Thallium	205-1	6352	6425	6232	6336	1.54	cps
Tin	118-1	10187	10157	10020	10121	0.88	cps
Titanium	47-1	618994	619512	623171	620559	0.37	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-05	Instrumnet Name :	P7
Client Sample ID :	MYE5M4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:41:04	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	223578	225592	226308	225159	0.63	cps
Vanadium	51-2	541058	539100	541234	540464	0.22	cps
Yttrium	89-1	44120206	45073674	44593681	44595854	1.07	cps
Yttrium	89-2	11058983	11001502	10879205	10979897	0.84	cps
Zinc	66-2	261666	260136	259389	260397	0.45	cps
Zirconium	90-1	321658	322133	320375	321388	0.28	cps
Zirconium	91-1	71500	71758	71466	71574	0.22	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-06	Instrumnet Name :	P7
Client Sample ID :	MYE5M5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:44:11	DataFile Name :	167SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20603829	21308493	20946690	20953004	1.68	cps
Antimony	121-1	32851	32517	32878	32748	0.61	cps
Arsenic	75-2	196631	200275	199924	198943	1.01	cps
Barium	135-1	6519060	6685603	6608274	6604312	1.26	cps
Barium	137-1	11302632	11543133	11447526	11431097	1.06	cps
Beryllium	9-1	3878	3700	3506	3695	5.04	cps
Bismuth	209-1	19628671	19805095	19621678	19685148	0.53	cps
Bismuth	209-2	15157920	15345561	15161292	15221591	0.71	cps
Bromine	81-1	28785	29219	30612	29539	3.23	cps
Bromine	81-2	2880	3134	3220	3078	5.74	cps
Cadmium	108-1	1190	1060	1123	1125	5.78	cps
Cadmium	106-1	13293	12993	13019	13102	1.27	cps
Cadmium	111-1	16748	16368	16259	16458	1.56	cps
Calcium	43-1	5761567	5772441	5802848	5778952	0.37	cps
Calcium	44-1	93134352	93744639	94464802	93781264	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1061976	1066197	1052273	1060148	0.67	cps
Cobalt	59-2	856634	857080	849177	854297	0.52	cps
Copper	63-2	3211417	3204082	3217917	3211139	0.22	cps
Dysprosium	156-1	223695	231620	230972	228762	1.92	cps
Dysprosium	156-2	185204	186051	186758	186004	0.42	cps
Erbium	164-1	175541	180057	181293	178964	1.69	cps
Erbium	164-2	120584	119260	121022	120289	0.76	cps
Gadolinium	160-1	207608	213405	211977	210996	1.43	cps
Gadolinium	160-2	149997	150576	148426	149666	0.74	cps
Holmium	165-1	34152489	34272374	34751354	34392072	0.92	cps
Holmium	165-2	23037350	23272873	23072140	23127454	0.55	cps
Indium	115-1	29592609	30013377	29801165	29802384	0.71	cps
Indium	115-2	10052662	9947645	9965131	9988479	0.56	cps
Iron	56-2	904301667	902673880	891976840	899650795	0.74	cps
Iron	57-2	22313731	22211666	22005746	22177048	0.71	cps
Iron	54-2	49054376	49510913	48500639	49021976	1.03	cps
Krypton	83-1	603	627	640	623	2.98	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-06	Instrumnet Name :	P7
Client Sample ID :	MYE5M5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:44:11	DataFile Name :	167SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1667964	1699736	1716291	1694664	1.45	cps
Lead	207-1	1433107	1461118	1466620	1453615	1.24	cps
Lead	208-1	6594673	6668556	6679437	6647555	0.69	cps
Lithium	6-1	2597853	2631889	2479902	2569881	3.10	cps
Magnesium	24-2	18017240	18664897	18147019	18276385	1.87	cps
Manganese	55-2	45132061	45112874	44660866	44968600	0.59	cps
Molybdenum	94-1	239349	242753	245285	242462	1.23	cps
Molybdenum	95-1	15181	15865	16209	15752	3.32	cps
Molybdenum	96-1	63464	65281	66249	64998	2.18	cps
Molybdenum	97-1	9383	9823	9640	9615	2.30	cps
Molybdenum	98-1	23646	23916	24237	23933	1.24	cps
Neodymium	150-1	428046	437111	443643	436267	1.80	cps
Neodymium	150-2	246894	247276	245635	246602	0.35	cps
Nickel	60-2	473532	475082	473502	474038	0.19	cps
Phosphorus	31-2	70234	70675	69129	70013	1.14	cps
Potassium	39-2	10046910	9778387	9823697	9882998	1.45	cps
Rhodium	103-1	28326000	28721165	28254259	28433808	0.88	cps
Rhodium	103-2	17072461	16787301	16855288	16905017	0.88	cps
Scandium	45-1	16385099	16612041	16570125	16522422	0.73	cps
Scandium	45-2	1413373	1377167	1380920	1390487	1.43	cps
Selenium	82-1	2175	2187	2191	2184	0.39	cps
Selenium	77-2	893	720	743	786	11.97	cps
Selenium	78-2	1003	1097	1143	1081	6.59	cps
Silicon	28-1	83464794	85274059	83670779	84136544	1.18	cps
Silver	107-1	11698	11922	11768	11796	0.97	cps
Silver	109-1	10971	11261	11098	11110	1.31	cps
Sodium	23-2	261655	264775	263632	263354	0.60	cps
Strontium	86-1	717142	736639	732051	728610	1.40	cps
Strontium	88-1	6390067	6481306	6433431	6434935	0.71	cps
Sulfur	34-1	305948	305969	303711	305210	0.43	cps
Terbium	159-1	35406230	35546813	36147700	35700248	1.10	cps
Terbium	159-2	23114017	23195941	23311382	23207114	0.43	cps
Thallium	203-1	10668	11415	11305	11129	3.63	cps
Thallium	205-1	25524	26172	25751	25816	1.27	cps
Tin	118-1	72735	73533	76475	74248	2.65	cps
Titanium	47-1	2686890	2716487	2709162	2704180	0.57	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-06	Instrumnet Name :	P7
Client Sample ID :	MYE5M5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:44:11	DataFile Name :	167SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61910	62924	62938	62591	0.94	cps
Vanadium	51-2	1759336	1728274	1704355	1730655	1.59	cps
Yttrium	89-1	43565673	43515158	43666538	43582456	0.18	cps
Yttrium	89-2	10861207	10881014	10763901	10835374	0.58	cps
Zinc	66-2	567787	566288	565132	566402	0.24	cps
Zirconium	90-1	621123	635586	636601	631103	1.37	cps
Zirconium	91-1	139691	142245	143722	141886	1.44	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-07	Instrumnet Name :	P7
Client Sample ID :	MYE5M6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:47:12	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22276597	22400709	22261057	22312788	0.34	cps
Antimony	121-1	35591	35728	36757	36025	1.77	cps
Arsenic	75-2	225694	224587	226705	225662	0.47	cps
Barium	135-1	4233512	4267470	4190692	4230558	0.91	cps
Barium	137-1	7284305	7326019	7252743	7287689	0.50	cps
Beryllium	9-1	3517	3384	3384	3428	2.25	cps
Bismuth	209-1	19477742	20039625	19882036	19799801	1.46	cps
Bismuth	209-2	15242667	15185788	15179024	15202493	0.23	cps
Bromine	81-1	28220	29924	30545	29563	4.07	cps
Bromine	81-2	2737	2817	2684	2746	2.44	cps
Cadmium	108-1	933	983	1043	987	5.58	cps
Cadmium	106-1	12772	12215	12529	12505	2.23	cps
Cadmium	111-1	16026	15855	15999	15960	0.58	cps
Calcium	43-1	4757801	4807065	4716494	4760453	0.95	cps
Calcium	44-1	76945162	77684301	77023101	77217521	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1100268	1108960	1105999	1105076	0.40	cps
Cobalt	59-2	959678	970061	959329	963023	0.63	cps
Copper	63-2	2384352	2398713	2415141	2399402	0.64	cps
Dysprosium	156-1	208367	211454	211722	210514	0.89	cps
Dysprosium	156-2	169221	170741	169621	169861	0.46	cps
Erbium	164-1	165935	169909	167788	167877	1.18	cps
Erbium	164-2	111312	111336	110318	110989	0.52	cps
Gadolinium	160-1	192639	196931	194284	194618	1.11	cps
Gadolinium	160-2	136497	135904	134107	135503	0.92	cps
Holmium	165-1	34446823	35477001	35161036	35028287	1.51	cps
Holmium	165-2	23129157	22952539	23025588	23035761	0.39	cps
Indium	115-1	30395260	30621588	30849578	30622142	0.74	cps
Indium	115-2	10041798	10038678	9983553	10021343	0.33	cps
Iron	56-2	932608653	955683186	946612813	944968217	1.23	cps
Iron	57-2	23251005	23527340	23470925	23416424	0.62	cps
Iron	54-2	51086711	51782161	51253524	51374132	0.71	cps
Krypton	83-1	570	550	627	582	6.83	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-07	Instrumnet Name :	P7
Client Sample ID :	MYE5M6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:47:12	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1092081	1107190	1116987	1105420	1.14	cps
Lead	207-1	945258	952552	958997	952269	0.72	cps
Lead	208-1	4295301	4395367	4379959	4356876	1.24	cps
Lithium	6-1	2485215	2530225	2364288	2459909	3.49	cps
Magnesium	24-2	20028347	19840153	19833621	19900707	0.56	cps
Manganese	55-2	26685720	26936510	27001935	26874722	0.62	cps
Molybdenum	94-1	140873	141600	143020	141831	0.77	cps
Molybdenum	95-1	17440	17928	17657	17675	1.38	cps
Molybdenum	96-1	49534	50410	50403	50116	1.01	cps
Molybdenum	97-1	10601	10964	10734	10766	1.71	cps
Molybdenum	98-1	26591	27119	26688	26799	1.05	cps
Neodymium	150-1	389816	395527	403480	396274	1.73	cps
Neodymium	150-2	223506	223719	222148	223124	0.38	cps
Nickel	60-2	491357	493410	490444	491737	0.31	cps
Phosphorus	31-2	82528	83697	83657	83294	0.80	cps
Potassium	39-2	10851385	11070185	10877853	10933141	1.09	cps
Rhodium	103-1	28780590	29249514	29021800	29017301	0.81	cps
Rhodium	103-2	16839568	16806092	16873026	16839562	0.20	cps
Scandium	45-1	16600368	16726311	16717539	16681406	0.42	cps
Scandium	45-2	1402781	1441460	1413696	1419312	1.41	cps
Selenium	82-1	2259	2321	2176	2252	3.22	cps
Selenium	77-2	700	627	683	670	5.74	cps
Selenium	78-2	1160	1140	1193	1165	2.31	cps
Silicon	28-1	80099164	78896345	79263942	79419817	0.78	cps
Silver	107-1	11521	11568	11388	11492	0.81	cps
Silver	109-1	11041	10944	10948	10978	0.50	cps
Sodium	23-2	316309	317727	317843	317293	0.27	cps
Strontium	86-1	765706	770754	769427	768629	0.34	cps
Strontium	88-1	6826486	6861948	6961373	6883269	1.02	cps
Sulfur	34-1	328740	325330	320945	325005	1.20	cps
Terbium	159-1	35615876	36399158	36375909	36130314	1.23	cps
Terbium	159-2	23183305	23038195	22904241	23041914	0.61	cps
Thallium	203-1	9940	10908	10918	10589	5.30	cps
Thallium	205-1	24248	24522	24526	24432	0.65	cps
Tin	118-1	66724	69158	69942	68608	2.45	cps
Titanium	47-1	3027248	2996447	3055967	3026554	0.98	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-07	Instrumnet Name :	P7
Client Sample ID :	MYE5M6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:47:12	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65503	66049	66485	66013	0.75	cps
Vanadium	51-2	1887676	1915295	1874153	1892375	1.11	cps
Yttrium	89-1	43915349	44129333	44318454	44121045	0.46	cps
Yttrium	89-2	10950086	10809171	10891545	10883601	0.65	cps
Zinc	66-2	553888	550536	547962	550795	0.54	cps
Zirconium	90-1	353385	361852	362083	359107	1.38	cps
Zirconium	91-1	80000	80556	80724	80427	0.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:50:14	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20698393	20968152	20471803	20712782	1.20	cps
Antimony	121-1	39320	39270	38628	39073	0.99	cps
Arsenic	75-2	179097	178506	177946	178516	0.32	cps
Barium	135-1	3579756	3638716	3676174	3631549	1.34	cps
Barium	137-1	6207198	6190781	6282630	6226870	0.79	cps
Beryllium	9-1	2823	2784	2923	2843	2.52	cps
Bismuth	209-1	18064108	19211349	19762888	19012782	4.56	cps
Bismuth	209-2	15194154	14996877	14818144	15003058	1.25	cps
Bromine	81-1	28681	30004	30588	29758	3.28	cps
Bromine	81-2	3067	2940	3004	3004	2.11	cps
Cadmium	108-1	1050	947	930	976	6.66	cps
Cadmium	106-1	11581	12118	12282	11994	3.06	cps
Cadmium	111-1	13923	14422	14421	14255	2.02	cps
Calcium	43-1	2660968	2654173	2712339	2675827	1.19	cps
Calcium	44-1	43275568	43750048	43624193	43549936	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1061987	1061251	1055200	1059479	0.35	cps
Cobalt	59-2	851342	848549	846596	848829	0.28	cps
Copper	63-2	2168957	2164009	2166552	2166506	0.11	cps
Dysprosium	156-1	185864	192132	188504	188833	1.67	cps
Dysprosium	156-2	153360	152835	152019	152738	0.44	cps
Erbium	164-1	147890	150623	151619	150044	1.29	cps
Erbium	164-2	99940	99736	100397	100024	0.34	cps
Gadolinium	160-1	173986	177358	176342	175895	0.98	cps
Gadolinium	160-2	124537	123555	121491	123194	1.26	cps
Holmium	165-1	31736235	33892809	34575783	33401609	4.44	cps
Holmium	165-2	22727880	22681557	22622576	22677338	0.23	cps
Indium	115-1	27374746	28992017	29848192	28738318	4.37	cps
Indium	115-2	9891239	9936405	9830447	9886030	0.54	cps
Iron	56-2	901428520	897221933	888915880	895855444	0.71	cps
Iron	57-2	22017401	22283016	21956969	22085795	0.79	cps
Iron	54-2	48518194	48664093	48597106	48593131	0.15	cps
Krypton	83-1	553	610	610	591	5.53	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:50:14	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	889248	897910	905272	897477	0.89	cps
Lead	207-1	772833	773543	777136	774504	0.30	cps
Lead	208-1	3483584	3513502	3549603	3515563	0.94	cps
Lithium	6-1	2311648	2436017	2400748	2382804	2.69	cps
Magnesium	24-2	18929334	19062066	18640029	18877143	1.14	cps
Manganese	55-2	26756389	26153605	26482059	26464018	1.14	cps
Molybdenum	94-1	222922	225466	223307	223898	0.61	cps
Molybdenum	95-1	13643	13943	13827	13804	1.10	cps
Molybdenum	96-1	59387	58885	59945	59406	0.89	cps
Molybdenum	97-1	8189	8623	8369	8394	2.59	cps
Molybdenum	98-1	21646	21586	21376	21536	0.66	cps
Neodymium	150-1	348760	353448	359949	354052	1.59	cps
Neodymium	150-2	199579	198239	199789	199202	0.42	cps
Nickel	60-2	448839	449502	449452	449264	0.08	cps
Phosphorus	31-2	64458	65650	64291	64800	1.14	cps
Potassium	39-2	10310129	10228998	10405323	10314817	0.86	cps
Rhodium	103-1	26032674	27766224	28376369	27391755	4.44	cps
Rhodium	103-2	16789407	16744456	16607132	16713665	0.57	cps
Scandium	45-1	15030323	16315925	16370510	15905586	4.77	cps
Scandium	45-2	1390096	1368478	1395731	1384768	1.04	cps
Selenium	82-1	1977	1990	2058	2008	2.18	cps
Selenium	77-2	687	617	537	613	12.24	cps
Selenium	78-2	943	1007	1093	1014	7.42	cps
Silicon	28-1	67376627	66266771	67360682	67001360	0.95	cps
Silver	107-1	10110	10034	10157	10100	0.62	cps
Silver	109-1	9426	9593	9557	9525	0.92	cps
Sodium	23-2	376965	383452	381333	380583	0.87	cps
Strontium	86-1	713883	722049	719126	718353	0.58	cps
Strontium	88-1	6275309	6448696	6377704	6367236	1.37	cps
Sulfur	34-1	300234	296380	294271	296962	1.02	cps
Terbium	159-1	32937502	35389779	35599052	34642111	4.27	cps
Terbium	159-2	22705712	22980212	22519950	22735291	1.02	cps
Thallium	203-1	8243	7669	7896	7936	3.64	cps
Thallium	205-1	19000	18700	18850	18850	0.80	cps
Tin	118-1	62642	63325	63446	63138	0.69	cps
Titanium	47-1	2748918	2780895	2751270	2760361	0.65	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:50:14	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	59670	61400	61327	60799	1.61	cps
Vanadium	51-2	1792192	1762201	1808468	1787621	1.31	cps
Yttrium	89-1	39760676	42550944	43128216	41813279	4.31	cps
Yttrium	89-2	10527603	10598012	10531238	10552284	0.38	cps
Zinc	66-2	460797	460311	459726	460278	0.12	cps
Zirconium	90-1	583293	589495	590797	587862	0.68	cps
Zirconium	91-1	129858	129474	130514	129949	0.40	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:53:15	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20188862	20789184	20457150	20478399	1.47	cps
Antimony	121-1	79397	79991	81489	80292	1.34	cps
Arsenic	75-2	231394	233048	234114	232852	0.59	cps
Barium	135-1	3164107	3137906	3182624	3161546	0.71	cps
Barium	137-1	5459235	5544562	5496141	5499979	0.78	cps
Beryllium	9-1	3528	3573	3245	3449	5.16	cps
Bismuth	209-1	19419594	19544133	19851984	19605237	1.14	cps
Bismuth	209-2	15059958	15109616	15261960	15143845	0.70	cps
Bromine	81-1	25182	25068	25596	25282	1.10	cps
Bromine	81-2	2124	2154	2010	2096	3.61	cps
Cadmium	108-1	1907	1673	1587	1722	9.61	cps
Cadmium	106-1	13433	13720	13143	13432	2.15	cps
Cadmium	111-1	23603	24368	23491	23821	2.00	cps
Calcium	43-1	1215559	1231365	1244597	1230507	1.18	cps
Calcium	44-1	19721234	20156516	20017613	19965121	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1138981	1145950	1141362	1142098	0.31	cps
Cobalt	59-2	921545	912147	922365	918686	0.62	cps
Copper	63-2	4083576	4067493	4066065	4072378	0.24	cps
Dysprosium	156-1	201573	205208	206842	204541	1.32	cps
Dysprosium	156-2	166045	165435	167971	166484	0.79	cps
Erbium	164-1	159543	160489	160776	160269	0.40	cps
Erbium	164-2	106313	107731	106075	106706	0.84	cps
Gadolinium	160-1	183762	188251	189283	187099	1.57	cps
Gadolinium	160-2	133909	132954	133563	133475	0.36	cps
Holmium	165-1	33609077	34498749	33867115	33991647	1.35	cps
Holmium	165-2	22639371	23124772	22522134	22762092	1.40	cps
Indium	115-1	28825462	29721736	29660328	29402509	1.70	cps
Indium	115-2	9991677	9887210	9710804	9863230	1.44	cps
Iron	56-2	1099994570	1101653344	1096430784	1099359566	0.24	cps
Iron	57-2	27234182	26781029	27579730	27198314	1.47	cps
Iron	54-2	59764966	59219677	60228631	59737758	0.85	cps
Krypton	83-1	607	663	563	611	8.21	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:53:15	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1873518	1904265	1873429	1883737	0.94	cps
Lead	207-1	1619287	1655335	1644630	1639751	1.13	cps
Lead	208-1	7445505	7466240	7488097	7466614	0.29	cps
Lithium	6-1	2490973	2477055	2542194	2503407	1.37	cps
Magnesium	24-2	17573887	17686475	17750200	17670187	0.51	cps
Manganese	55-2	27035083	26909362	26941943	26962129	0.24	cps
Molybdenum	94-1	320912	323638	322980	322510	0.44	cps
Molybdenum	95-1	19446	20167	19713	19776	1.84	cps
Molybdenum	96-1	84378	84938	83748	84355	0.71	cps
Molybdenum	97-1	12135	12092	12265	12164	0.74	cps
Molybdenum	98-1	30091	30435	30488	30338	0.71	cps
Neodymium	150-1	386545	390851	390568	389321	0.62	cps
Neodymium	150-2	220205	217290	218226	218574	0.68	cps
Nickel	60-2	489272	491818	490406	490498	0.26	cps
Phosphorus	31-2	54309	55152	53717	54393	1.33	cps
Potassium	39-2	8502799	8549688	8544883	8532457	0.30	cps
Rhodium	103-1	28013698	28350299	28370214	28244737	0.71	cps
Rhodium	103-2	16725175	16644976	16351080	16573744	1.19	cps
Scandium	45-1	15858452	16273071	16197899	16109808	1.37	cps
Scandium	45-2	1353143	1376871	1368262	1366092	0.88	cps
Selenium	82-1	2194	2131	2207	2177	1.87	cps
Selenium	77-2	803	703	733	747	6.87	cps
Selenium	78-2	1073	1113	1220	1136	6.68	cps
Silicon	28-1	60838064	60625256	60301941	60588420	0.45	cps
Silver	107-1	22878	23973	23903	23585	2.60	cps
Silver	109-1	21920	22821	22077	22273	2.16	cps
Sodium	23-2	226938	228143	228995	228025	0.45	cps
Strontium	86-1	497108	504793	505803	502568	0.95	cps
Strontium	88-1	4451968	4399009	4491959	4447645	1.05	cps
Sulfur	34-1	268636	260787	260538	263320	1.75	cps
Terbium	159-1	34464434	35154109	35111921	34910155	1.11	cps
Terbium	159-2	22713973	22691177	22427999	22611050	0.70	cps
Thallium	203-1	14328	14191	13570	14030	2.88	cps
Thallium	205-1	33037	33033	33013	33028	0.04	cps
Tin	118-1	79055	80061	78824	79313	0.83	cps
Titanium	47-1	2753395	2765140	2790005	2769513	0.67	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:53:15	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	59797	60848	60932	60526	1.05	cps
Vanadium	51-2	1964833	1951881	1961431	1959382	0.34	cps
Yttrium	89-1	42183169	42859293	42460969	42501144	0.80	cps
Yttrium	89-2	10541362	10528891	10613531	10561262	0.43	cps
Zinc	66-2	631301	637546	635977	634941	0.51	cps
Zirconium	90-1	846293	850355	851686	849445	0.33	cps
Zirconium	91-1	187951	189159	190892	189334	0.78	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:58:57	DataFile Name :	172CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23526400	24021702	23504900	23684334	1.23	cps
Antimony	121-1	12127339	12502060	12247582	12292327	1.56	cps
Arsenic	75-2	665428	665005	660508	663647	0.41	cps
Barium	135-1	14781732	15074321	14813681	14889912	1.08	cps
Barium	137-1	25499057	25876032	25565866	25646985	0.78	cps
Beryllium	9-1	1075682	1105893	1097675	1093083	1.43	cps
Bismuth	209-1	17527367	17526284	17632634	17562095	0.35	cps
Bismuth	209-2	13546344	13689488	13495229	13577020	0.74	cps
Bromine	81-1	15829	16206	15989	16008	1.18	cps
Bromine	81-2	190	163	160	171	9.61	cps
Cadmium	108-1	236852	237873	238069	237598	0.27	cps
Cadmium	106-1	342889	344226	346907	344674	0.59	cps
Cadmium	111-1	3213142	3272173	3229737	3238350	0.94	cps
Calcium	43-1	15414924	15647802	15608440	15557055	0.80	cps
Calcium	44-1	251676543	252409283	253973910	252686578	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4882268	4919548	4912253	4904690	0.40	cps
Cobalt	59-2	8031071	8123422	7965411	8039968	0.99	cps
Copper	63-2	59836749	59647011	58680214	59387991	1.04	cps
Dysprosium	156-1	537	560	540	546	2.31	cps
Dysprosium	156-2	903	983	870	919	6.34	cps
Erbium	164-1	610	623	687	640	6.40	cps
Erbium	164-2	437	407	393	412	5.38	cps
Gadolinium	160-1	557	557	497	537	6.45	cps
Gadolinium	160-2	1230	1307	1320	1286	3.78	cps
Holmium	165-1	32879710	32615649	32238433	32577930	0.99	cps
Holmium	165-2	21949081	21879596	21806946	21878541	0.32	cps
Indium	115-1	27447965	27635818	27234812	27439532	0.73	cps
Indium	115-2	9325517	9332621	9218874	9292337	0.69	cps
Iron	56-2	1095689530	1086582384	1098544677	1093605530	0.57	cps
Iron	57-2	27199417	27554400	27238628	27330815	0.71	cps
Iron	54-2	59598402	59673997	58943256	59405219	0.68	cps
Krypton	83-1	443	433	347	408	13.04	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:58:57	DataFile Name :	172CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40264028	40770294	40822081	40618801	0.76	cps
Lead	207-1	35324083	35459729	35733160	35505658	0.59	cps
Lead	208-1	159672511	161599752	162304347	161192203	0.85	cps
Lithium	6-1	2750457	2699376	2727243	2725692	0.94	cps
Magnesium	24-2	207192250	210476470	206492617	208053779	1.02	cps
Manganese	55-2	36524004	36642199	36326903	36497702	0.44	cps
Molybdenum	94-1	45289309	45355549	45357324	45334061	0.09	cps
Molybdenum	95-1	65806132	65207371	65595099	65536201	0.46	cps
Molybdenum	96-1	71747942	71975484	72131016	71951481	0.27	cps
Molybdenum	97-1	40889730	41046149	41284010	41073296	0.48	cps
Molybdenum	98-1	104389405	106133838	105486925	105336723	0.84	cps
Neodymium	150-1	743	707	797	749	6.04	cps
Neodymium	150-2	180	267	290	246	23.60	cps
Nickel	60-2	2076638	2104269	2069784	2083564	0.88	cps
Phosphorus	31-2	236856	238249	234181	236429	0.87	cps
Potassium	39-2	126304278	126668261	125017005	125996515	0.69	cps
Rhodium	103-1	25758726	26093818	25749498	25867347	0.76	cps
Rhodium	103-2	14846439	15012712	14930093	14929748	0.56	cps
Scandium	45-1	15578032	15576336	15559156	15571175	0.07	cps
Scandium	45-2	1281391	1283580	1284574	1283182	0.13	cps
Selenium	82-1	192877	195166	195014	194352	0.66	cps
Selenium	77-2	18729	18585	18091	18468	1.81	cps
Selenium	78-2	61832	61621	61989	61814	0.30	cps
Silicon	28-1	7685044	7755878	7832590	7757837	0.95	cps
Silver	107-1	16242503	16388595	16554273	16395124	0.95	cps
Silver	109-1	15425274	15414426	15502299	15447333	0.31	cps
Sodium	23-2	320324635	332073368	328959235	327119080	1.86	cps
Strontium	86-1	4108868	4186738	4138980	4144862	0.95	cps
Strontium	88-1	35903265	36448113	36094616	36148665	0.76	cps
Sulfur	34-1	1195725	1189726	1176429	1187293	0.83	cps
Terbium	159-1	33593345	33369095	33303449	33421963	0.45	cps
Terbium	159-2	21722191	22015619	21955139	21897650	0.71	cps
Thallium	203-1	10155814	10210266	10183176	10183085	0.27	cps
Thallium	205-1	24389021	24535475	24858832	24594443	0.98	cps
Tin	118-1	10240372	10440484	10251145	10310667	1.09	cps
Titanium	47-1	14961153	15209688	15308609	15159816	1.18	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 21:58:57	DataFile Name :	172CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30973735	31496552	31773400	31414562	1.29	cps
Vanadium	51-2	4265285	4292640	4258926	4272284	0.42	cps
Yttrium	89-1	38370799	38815844	38528751	38571798	0.58	cps
Yttrium	89-2	9695549	9773913	9653800	9707754	0.63	cps
Zinc	66-2	9473142	9444222	9371587	9429650	0.55	cps
Zirconium	90-1	21928205	22220535	21993035	22047258	0.70	cps
Zirconium	91-1	4862602	4870959	4847190	4860251	0.25	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:03:05	DataFile Name :	173CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	323	213	249	25.91	cps
Antimony	121-1	2040	2777	3337	2718	23.93	cps
Arsenic	75-2	27	30	20	26	19.92	cps
Barium	135-1	260	200	187	216	18.12	cps
Barium	137-1	530	387	367	428	20.83	cps
Beryllium	9-1	150	150	111	137	16.38	cps
Bismuth	209-1	19698932	19091846	19072283	19287687	1.85	cps
Bismuth	209-2	15310098	15209222	15160147	15226489	0.50	cps
Bromine	81-1	16102	15992	15795	15963	0.97	cps
Bromine	81-2	197	187	187	190	3.04	cps
Cadmium	108-1	33	27	20	27	24.99	cps
Cadmium	106-1	9650	9510	9787	9649	1.43	cps
Cadmium	111-1	6885	6728	6923	6846	1.51	cps
Calcium	43-1	1380	1413	1233	1342	7.13	cps
Calcium	44-1	60118	59324	57945	59129	1.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1510	1497	1477	1495	1.12	cps
Cobalt	59-2	337	320	320	326	2.95	cps
Copper	63-2	3337	3377	3164	3293	3.44	cps
Dysprosium	156-1	17	33	20	23	37.78	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	113	163	143	140	17.98	cps
Erbium	164-2	103	83	103	97	11.95	cps
Gadolinium	160-1	183	133	167	161	15.80	cps
Gadolinium	160-2	997	1060	1047	1034	3.23	cps
Holmium	165-1	33307980	32439028	32339351	32695453	1.63	cps
Holmium	165-2	22196595	22492910	22345972	22345159	0.66	cps
Indium	115-1	29969687	29761320	29598765	29776591	0.62	cps
Indium	115-2	10051982	10024529	10038503	10038338	0.14	cps
Iron	56-2	28110	28327	27375	27937	1.79	cps
Iron	57-2	1677	1707	1640	1675	1.99	cps
Iron	54-2	4131	3680	3851	3887	5.85	cps
Krypton	83-1	363	393	393	383	4.52	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:03:05	DataFile Name :	173CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1640	1620	1393	1551	8.83	cps
Lead	207-1	1307	1433	1180	1307	9.69	cps
Lead	208-1	6587	6294	5527	6136	8.92	cps
Lithium	6-1	3079702	2940528	2979044	2999758	2.40	cps
Magnesium	24-2	2430	2380	2324	2378	2.24	cps
Manganese	55-2	987	833	923	914	8.43	cps
Molybdenum	94-1	1487	1663	1723	1625	7.57	cps
Molybdenum	95-1	1163	1090	967	1073	9.26	cps
Molybdenum	96-1	1480	1290	1227	1332	9.90	cps
Molybdenum	97-1	800	570	563	644	20.91	cps
Molybdenum	98-1	1750	1503	1627	1627	7.58	cps
Neodymium	150-1	20	10	0	10	100.00	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	1003	980	1033	1006	2.66	cps
Phosphorus	31-2	213	197	240	217	10.09	cps
Potassium	39-2	91073	91362	90567	91001	0.44	cps
Rhodium	103-1	29478320	29083522	28571715	29044519	1.57	cps
Rhodium	103-2	16955067	16649222	16794705	16799665	0.91	cps
Scandium	45-1	16542854	16397193	16194004	16378017	1.07	cps
Scandium	45-2	1325063	1330616	1319765	1325148	0.41	cps
Selenium	82-1	1627	1549	1538	1571	3.10	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	567	523	557	549	4.13	cps
Silicon	28-1	1457894	1457976	1426567	1447479	1.25	cps
Silver	107-1	750	590	520	620	19.02	cps
Silver	109-1	583	510	407	500	17.75	cps
Sodium	23-2	74094	73508	72315	73305	1.24	cps
Strontium	86-1	767	683	680	710	6.92	cps
Strontium	88-1	1297	1237	1223	1252	3.12	cps
Sulfur	34-1	283274	283131	282605	283004	0.12	cps
Terbium	159-1	34106752	33686522	33891977	33895084	0.62	cps
Terbium	159-2	22706275	22441689	22512871	22553612	0.61	cps
Thallium	203-1	2050	1843	1673	1856	10.17	cps
Thallium	205-1	5031	4361	3797	4396	14.05	cps
Tin	118-1	3937	3777	3827	3847	2.13	cps
Titanium	47-1	363	250	287	300	19.28	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:03:05	DataFile Name :	173CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	350	183	160	231	44.84	cps
Vanadium	51-2	37	60	50	49	23.94	cps
Yttrium	89-1	40702310	40365319	40350436	40472689	0.49	cps
Yttrium	89-2	10207742	10020138	10003510	10077130	1.13	cps
Zinc	66-2	1523	1570	1543	1546	1.51	cps
Zirconium	90-1	2514	2934	3137	2861	11.11	cps
Zirconium	91-1	587	597	653	612	5.87	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:06:20	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16781175	16597196	16070520	16482964	2.24	cps
Antimony	121-1	50933	51174	52368	51492	1.49	cps
Arsenic	75-2	137994	136692	137008	137232	0.49	cps
Barium	135-1	2434403	2454063	2451660	2446709	0.44	cps
Barium	137-1	4176597	4228777	4213060	4206145	0.64	cps
Beryllium	9-1	2417	2467	2439	2441	1.03	cps
Bismuth	209-1	18607738	18864808	17861233	18444593	2.83	cps
Bismuth	209-2	14872401	14870361	14447253	14730005	1.66	cps
Bromine	81-1	30318	32092	31958	31456	3.14	cps
Bromine	81-2	3260	3010	3077	3116	4.16	cps
Cadmium	108-1	920	900	840	887	4.70	cps
Cadmium	106-1	12152	12082	11365	11866	3.67	cps
Cadmium	111-1	15831	15739	15379	15650	1.53	cps
Calcium	43-1	823714	832396	826142	827417	0.54	cps
Calcium	44-1	12884579	12859481	13011446	12918502	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1192129	1183731	1183894	1186585	0.40	cps
Cobalt	59-2	682349	683476	674849	680225	0.69	cps
Copper	63-2	2535297	2515712	2508272	2519760	0.55	cps
Dysprosium	156-1	158473	162077	161258	160603	1.18	cps
Dysprosium	156-2	132508	132400	132559	132489	0.06	cps
Erbium	164-1	118874	122374	121570	120939	1.52	cps
Erbium	164-2	82163	83403	82029	82532	0.92	cps
Gadolinium	160-1	149599	152806	153440	151948	1.36	cps
Gadolinium	160-2	109265	109718	109816	109600	0.27	cps
Holmium	165-1	32714796	33335010	32046675	32698827	1.97	cps
Holmium	165-2	22675515	22841305	22251896	22589572	1.35	cps
Indium	115-1	29079809	29403441	28459847	28981032	1.65	cps
Indium	115-2	10181267	9984176	9880353	10015265	1.53	cps
Iron	56-2	722429029	721175936	715112336	719572434	0.54	cps
Iron	57-2	17961189	17633303	17701876	17765456	0.97	cps
Iron	54-2	39669494	38776706	39075654	39173951	1.16	cps
Krypton	83-1	540	643	537	573	10.58	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:06:20	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	770212	788118	792171	783501	1.49	cps
Lead	207-1	669319	676086	678067	674491	0.68	cps
Lead	208-1	3035870	3084456	3100753	3073693	1.10	cps
Lithium	6-1	2720231	2631055	2525928	2625738	3.70	cps
Magnesium	24-2	15229114	15216960	14984222	15143432	0.91	cps
Manganese	55-2	17308270	17083048	17161393	17184237	0.67	cps
Molybdenum	94-1	162648	166022	168652	165774	1.82	cps
Molybdenum	95-1	19400	19440	19760	19533	1.01	cps
Molybdenum	96-1	52928	55016	54749	54231	2.09	cps
Molybdenum	97-1	11978	12292	12492	12254	2.11	cps
Molybdenum	98-1	30201	30595	30993	30597	1.29	cps
Neodymium	150-1	294124	297288	301085	297499	1.17	cps
Neodymium	150-2	173427	173429	170924	172593	0.84	cps
Nickel	60-2	331857	328105	330077	330013	0.57	cps
Phosphorus	31-2	70093	69792	67819	69235	1.78	cps
Potassium	39-2	12682361	12728332	12870388	12760361	0.77	cps
Rhodium	103-1	28282311	28506238	27532931	28107160	1.81	cps
Rhodium	103-2	16772669	16714998	16684400	16724022	0.27	cps
Scandium	45-1	16561254	16726269	16469197	16585574	0.79	cps
Scandium	45-2	1375165	1423669	1383846	1394227	1.86	cps
Selenium	82-1	2092	1930	2086	2036	4.52	cps
Selenium	77-2	540	600	587	576	5.47	cps
Selenium	78-2	1043	1073	1003	1040	3.38	cps
Silicon	28-1	57111901	57158496	58184606	57485001	1.05	cps
Silver	107-1	14160	14447	13930	14179	1.83	cps
Silver	109-1	13586	13163	13189	13313	1.78	cps
Sodium	23-2	344874	340597	343420	342964	0.63	cps
Strontium	86-1	563464	571073	575863	570133	1.10	cps
Strontium	88-1	4994706	5051137	5146788	5064210	1.52	cps
Sulfur	34-1	301101	288768	279799	289890	3.69	cps
Terbium	159-1	33887320	34215991	33267041	33790118	1.43	cps
Terbium	159-2	22734891	22387629	22367143	22496554	0.92	cps
Thallium	203-1	7932	6992	7082	7335	7.07	cps
Thallium	205-1	18730	16804	15833	17122	8.61	cps
Tin	118-1	59987	61012	60747	60582	0.88	cps
Titanium	47-1	2181149	2209415	2219020	2203195	0.89	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:06:20	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50994	52420	52048	51820	1.43	cps
Vanadium	51-2	1105972	1105267	1108701	1106647	0.16	cps
Yttrium	89-1	42260390	43155421	41835645	42417152	1.59	cps
Yttrium	89-2	10624633	10626866	10544280	10598593	0.44	cps
Zinc	66-2	515169	512821	513355	513782	0.24	cps
Zirconium	90-1	417025	430617	423986	423876	1.60	cps
Zirconium	91-1	91738	95085	95122	93982	2.07	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-11	Instrumnet Name :	P7
Client Sample ID :	MYE5N0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:09:23	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17474154	17383104	17636045	17497768	0.73	cps
Antimony	121-1	50682	51208	51485	51125	0.80	cps
Arsenic	75-2	146343	147471	148073	147296	0.60	cps
Barium	135-1	3132434	3160514	3266476	3186475	2.22	cps
Barium	137-1	5383490	5437549	5477513	5432851	0.87	cps
Beryllium	9-1	2622	2272	2534	2476	7.35	cps
Bismuth	209-1	18562389	18561598	18920231	18681406	1.11	cps
Bismuth	209-2	14823035	14631314	14862140	14772163	0.84	cps
Bromine	81-1	27359	28614	28658	28210	2.62	cps
Bromine	81-2	2630	2807	2574	2670	4.56	cps
Cadmium	108-1	823	810	837	823	1.62	cps
Cadmium	106-1	11661	11591	11395	11549	1.20	cps
Cadmium	111-1	10567	10647	10488	10567	0.76	cps
Calcium	43-1	2355620	2397819	2380380	2377939	0.89	cps
Calcium	44-1	38272322	38588276	38900107	38586902	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1031748	1033385	1032279	1032470	0.08	cps
Cobalt	59-2	815089	809946	807090	810708	0.50	cps
Copper	63-2	1690555	1692312	1659785	1680884	1.09	cps
Dysprosium	156-1	185235	187237	186711	186394	0.56	cps
Dysprosium	156-2	152337	154119	155207	153887	0.94	cps
Erbium	164-1	135782	139071	138158	137671	1.23	cps
Erbium	164-2	94104	94090	92826	93673	0.78	cps
Gadolinium	160-1	171739	175458	177209	174802	1.60	cps
Gadolinium	160-2	126495	126145	127638	126759	0.62	cps
Holmium	165-1	32688585	33254107	33014846	32985846	0.86	cps
Holmium	165-2	22817610	22282874	22609976	22570153	1.19	cps
Indium	115-1	29476330	30045756	29571836	29697974	1.03	cps
Indium	115-2	10029320	10067015	10017899	10038078	0.26	cps
Iron	56-2	803559161	789370415	793286068	795405215	0.92	cps
Iron	57-2	20034224	19690159	19821924	19848769	0.87	cps
Iron	54-2	42995801	42810021	42777251	42861024	0.27	cps
Krypton	83-1	600	540	647	596	8.98	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-11	Instrumnet Name :	P7
Client Sample ID :	MYE5N0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:09:23	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	424350	430747	430306	428467	0.83	cps
Lead	207-1	352440	358460	364525	358475	1.69	cps
Lead	208-1	1627685	1658192	1671728	1652535	1.37	cps
Lithium	6-1	2480886	2478300	2434286	2464491	1.06	cps
Magnesium	24-2	16229033	16002385	16149731	16127050	0.71	cps
Manganese	55-2	21141381	21265429	21003806	21136872	0.62	cps
Molybdenum	94-1	224725	229576	229527	227942	1.22	cps
Molybdenum	95-1	18418	18512	18645	18525	0.62	cps
Molybdenum	96-1	64143	64330	65392	64622	1.04	cps
Molybdenum	97-1	11351	11615	11211	11392	1.80	cps
Molybdenum	98-1	29289	29086	29406	29260	0.55	cps
Neodymium	150-1	351394	354826	358997	355072	1.07	cps
Neodymium	150-2	205470	205184	204156	204937	0.34	cps
Nickel	60-2	420821	418507	414649	417992	0.75	cps
Phosphorus	31-2	56725	56835	56835	56798	0.11	cps
Potassium	39-2	6980432	7063156	7010639	7018076	0.60	cps
Rhodium	103-1	28509168	28794591	28649107	28650955	0.50	cps
Rhodium	103-2	17077566	16883237	16768914	16909906	0.92	cps
Scandium	45-1	16371351	16752601	16614270	16579407	1.16	cps
Scandium	45-2	1389511	1377547	1367106	1378055	0.81	cps
Selenium	82-1	2008	2050	1952	2003	2.45	cps
Selenium	77-2	633	660	683	659	3.80	cps
Selenium	78-2	1077	1050	1077	1068	1.44	cps
Silicon	28-1	54383881	54698528	55543084	54875164	1.09	cps
Silver	107-1	4087	3934	3954	3992	2.09	cps
Silver	109-1	3570	3871	3741	3727	4.04	cps
Sodium	23-2	333506	334327	335161	334331	0.25	cps
Strontium	86-1	867205	876129	884035	875790	0.96	cps
Strontium	88-1	7675904	7781067	7850499	7769157	1.13	cps
Sulfur	34-1	251203	252164	252232	251866	0.23	cps
Terbium	159-1	34105737	34775381	35336024	34739047	1.77	cps
Terbium	159-2	22817904	22760578	23034290	22870924	0.63	cps
Thallium	203-1	6105	6138	6205	6149	0.83	cps
Thallium	205-1	14361	14378	14775	14504	1.61	cps
Tin	118-1	53981	56791	56048	55607	2.62	cps
Titanium	47-1	2457326	2455768	2450526	2454540	0.15	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-11	Instrumnet Name :	P7
Client Sample ID :	MYE5N0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:09:23	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	62720	63943	63574	63412	0.99	cps
Vanadium	51-2	1161626	1155105	1157486	1158072	0.28	cps
Yttrium	89-1	42544108	43364743	43044649	42984500	0.96	cps
Yttrium	89-2	10871152	10622024	10575140	10689439	1.49	cps
Zinc	66-2	393873	396593	395092	395186	0.34	cps
Zirconium	90-1	586099	596076	594454	592210	0.90	cps
Zirconium	91-1	131758	132559	132021	132112	0.31	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-12	Instrumnet Name :	P7
Client Sample ID :	MYE5N1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:12:26	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18115399	17997971	17944084	18019151	0.49	cps
Antimony	121-1	96477	98770	98998	98082	1.42	cps
Arsenic	75-2	221816	221288	222334	221812	0.24	cps
Barium	135-1	3530101	3529935	3522565	3527534	0.12	cps
Barium	137-1	5983777	6011524	6083695	6026332	0.86	cps
Beryllium	9-1	2656	2534	2289	2493	7.49	cps
Bismuth	209-1	19668214	19530376	19236240	19478277	1.13	cps
Bismuth	209-2	14971632	15026846	14764137	14920872	0.93	cps
Bromine	81-1	25339	27078	27062	26493	3.77	cps
Bromine	81-2	2417	2200	2217	2278	5.29	cps
Cadmium	108-1	960	927	897	928	3.41	cps
Cadmium	106-1	12606	12415	12065	12362	2.22	cps
Cadmium	111-1	11819	11689	11628	11712	0.83	cps
Calcium	43-1	2560806	2569965	2557362	2562711	0.25	cps
Calcium	44-1	41728926	41337314	40753080	41273107	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1048041	1034660	1036773	1039825	0.69	cps
Cobalt	59-2	904338	896414	895592	898781	0.54	cps
Copper	63-2	1873860	1898046	1839501	1870469	1.57	cps
Dysprosium	156-1	194917	197219	197834	196657	0.78	cps
Dysprosium	156-2	165385	162610	165381	164459	0.97	cps
Erbium	164-1	132918	136330	135688	134979	1.34	cps
Erbium	164-2	93534	91017	91360	91970	1.48	cps
Gadolinium	160-1	176730	175430	177475	176545	0.59	cps
Gadolinium	160-2	126926	126750	126663	126780	0.11	cps
Holmium	165-1	34964726	34385040	33995313	34448360	1.42	cps
Holmium	165-2	22658166	22927413	22568743	22718107	0.82	cps
Indium	115-1	30795605	30221260	29883781	30300215	1.52	cps
Indium	115-2	10107557	10029358	10107456	10081457	0.45	cps
Iron	56-2	900336093	902182093	898313107	900277098	0.21	cps
Iron	57-2	22544046	22596090	22320752	22486963	0.65	cps
Iron	54-2	49202234	49133886	48748413	49028178	0.50	cps
Krypton	83-1	533	583	647	588	9.66	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-12	Instrumnet Name :	P7
Client Sample ID :	MYE5N1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:12:26	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	558524	574790	574685	569333	1.64	cps
Lead	207-1	474638	477997	482556	478397	0.83	cps
Lead	208-1	2181928	2220240	2218876	2207015	0.98	cps
Lithium	6-1	2553612	2460422	2392306	2468780	3.28	cps
Magnesium	24-2	18055316	18123673	17851428	18010139	0.79	cps
Manganese	55-2	20325944	20414023	20197778	20312582	0.54	cps
Molybdenum	94-1	275996	278852	282045	278965	1.08	cps
Molybdenum	95-1	16917	16860	17060	16945	0.61	cps
Molybdenum	96-1	71785	73051	73393	72743	1.16	cps
Molybdenum	97-1	10084	10210	10441	10245	1.77	cps
Molybdenum	98-1	25736	26070	26117	25974	0.80	cps
Neodymium	150-1	392767	394931	397446	395048	0.59	cps
Neodymium	150-2	227334	226356	224253	225981	0.70	cps
Nickel	60-2	512871	516539	513500	514304	0.38	cps
Phosphorus	31-2	66447	65399	66039	65961	0.80	cps
Potassium	39-2	7573814	7460359	7499001	7511058	0.77	cps
Rhodium	103-1	29727162	29102330	28605858	29145117	1.93	cps
Rhodium	103-2	17055793	16845393	16902730	16934639	0.64	cps
Scandium	45-1	17321206	16890023	16622328	16944519	2.08	cps
Scandium	45-2	1404293	1407171	1386559	1399341	0.80	cps
Selenium	82-1	2266	2306	2060	2210	5.97	cps
Selenium	77-2	757	887	747	797	9.80	cps
Selenium	78-2	1293	1197	1180	1223	5.00	cps
Silicon	28-1	58632292	59113792	58687524	58811203	0.45	cps
Silver	107-1	4167	4457	4337	4321	3.37	cps
Silver	109-1	3864	3887	4067	3939	2.83	cps
Sodium	23-2	260663	264143	266381	263729	1.09	cps
Strontium	86-1	822872	846507	843728	837702	1.54	cps
Strontium	88-1	7381772	7502199	7480375	7454782	0.86	cps
Sulfur	34-1	274804	273660	273402	273955	0.27	cps
Terbium	159-1	36257619	35424010	35062309	35581313	1.72	cps
Terbium	159-2	23192242	22941757	22919675	23017891	0.66	cps
Thallium	203-1	6328	6228	6208	6255	1.03	cps
Thallium	205-1	14691	14641	14995	14776	1.30	cps
Tin	118-1	64078	65916	65518	65171	1.48	cps
Titanium	47-1	2287254	2296817	2223384	2269152	1.76	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-12	Instrumnet Name :	P7
Client Sample ID :	MYE5N1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:12:26	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53530	55371	55287	54730	1.90	cps
Vanadium	51-2	1465651	1504350	1454799	1474933	1.77	cps
Yttrium	89-1	44358951	43818244	43578949	43918715	0.91	cps
Yttrium	89-2	10845965	10791386	10728199	10788517	0.55	cps
Zinc	66-2	420493	416296	419047	418612	0.51	cps
Zirconium	90-1	721538	743563	739900	735000	1.61	cps
Zirconium	91-1	160224	165275	165508	163669	1.82	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:15:30	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10074746	9915702	9824706	9938385	1.27	cps
Antimony	121-1	53365	55794	55631	54930	2.47	cps
Arsenic	75-2	114114	116166	115230	115170	0.89	cps
Barium	135-1	1849709	1914761	1906810	1890426	1.88	cps
Barium	137-1	3221759	3298057	3317532	3279116	1.54	cps
Beryllium	9-1	1383	1406	1500	1430	4.33	cps
Bismuth	209-1	19997959	19418096	19621658	19679237	1.49	cps
Bismuth	209-2	15146786	15375135	16044408	15522110	3.01	cps
Bromine	81-1	20404	20638	21362	20801	2.40	cps
Bromine	81-2	993	1020	1087	1033	4.65	cps
Cadmium	108-1	593	653	633	627	4.88	cps
Cadmium	106-1	12252	11695	11755	11901	2.57	cps
Cadmium	111-1	9644	9156	9252	9351	2.77	cps
Calcium	43-1	2687403	2734654	2664764	2695607	1.32	cps
Calcium	44-1	43657478	43745116	43975848	43792814	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	642286	644679	636918	641294	0.62	cps
Cobalt	59-2	522178	517194	520201	519858	0.48	cps
Copper	63-2	923096	915944	920994	920011	0.40	cps
Dysprosium	156-1	113643	115470	115494	114869	0.92	cps
Dysprosium	156-2	94686	93978	95123	94596	0.61	cps
Erbium	164-1	79059	80943	81003	80335	1.38	cps
Erbium	164-2	54375	53837	54964	54392	1.04	cps
Gadolinium	160-1	103455	106602	106998	105685	1.84	cps
Gadolinium	160-2	75271	76695	76477	76148	1.01	cps
Holmium	165-1	34164863	34451913	33966949	34194575	0.71	cps
Holmium	165-2	23016342	23800689	24147845	23654959	2.45	cps
Indium	115-1	30618649	30275370	30367750	30420590	0.58	cps
Indium	115-2	10243172	10410141	10686999	10446771	2.15	cps
Iron	56-2	529382552	526968619	528422739	528257970	0.23	cps
Iron	57-2	13015438	12974051	13212050	13067180	0.97	cps
Iron	54-2	28489950	28502450	28576070	28522823	0.16	cps
Krypton	83-1	473	550	490	504	7.99	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:15:30	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	250408	254267	259472	254716	1.79	cps
Lead	207-1	207365	209927	211340	209544	0.96	cps
Lead	208-1	959758	974595	989156	974503	1.51	cps
Lithium	6-1	2530225	2396484	2363541	2430083	3.63	cps
Magnesium	24-2	11171205	11100857	10902409	11058157	1.26	cps
Manganese	55-2	11660728	11683401	11521295	11621808	0.76	cps
Molybdenum	94-1	216510	220509	221331	219450	1.18	cps
Molybdenum	95-1	8296	8699	8836	8610	3.26	cps
Molybdenum	96-1	49510	51520	52056	51028	2.63	cps
Molybdenum	97-1	4928	5431	5361	5240	5.21	cps
Molybdenum	98-1	13089	12799	13179	13023	1.53	cps
Neodymium	150-1	228228	235080	235060	232789	1.70	cps
Neodymium	150-2	135531	134565	132173	134089	1.29	cps
Nickel	60-2	274033	273526	276052	274537	0.49	cps
Phosphorus	31-2	31643	31252	30651	31182	1.60	cps
Potassium	39-2	2678385	2665684	2689331	2677800	0.44	cps
Rhodium	103-1	29062625	29255427	29133823	29150625	0.33	cps
Rhodium	103-2	17313195	17747644	18045243	17702027	2.08	cps
Scandium	45-1	16623967	16320999	16516704	16487223	0.93	cps
Scandium	45-2	1368845	1393145	1448905	1403632	2.92	cps
Selenium	82-1	2008	1916	2028	1984	3.02	cps
Selenium	77-2	553	400	420	458	18.21	cps
Selenium	78-2	853	927	857	879	4.71	cps
Silicon	28-1	63888039	64028984	63423324	63780116	0.50	cps
Silver	107-1	1587	1670	1680	1646	3.11	cps
Silver	109-1	1280	1353	1457	1363	6.51	cps
Sodium	23-2	255836	255773	252570	254727	0.73	cps
Strontium	86-1	470020	485391	482820	479411	1.72	cps
Strontium	88-1	4223224	4239227	4284067	4248839	0.74	cps
Sulfur	34-1	258908	259701	259854	259488	0.20	cps
Terbium	159-1	35960922	35234477	35537050	35577483	1.03	cps
Terbium	159-2	22938227	23688312	24295805	23640781	2.88	cps
Thallium	203-1	4364	4231	3964	4186	4.87	cps
Thallium	205-1	9894	9724	9924	9847	1.10	cps
Tin	118-1	43475	44662	44803	44314	1.65	cps
Titanium	47-1	1183395	1205709	1211292	1200132	1.23	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:15:30	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32389	33034	33816	33080	2.16	cps
Vanadium	51-2	850578	844420	839089	844696	0.68	cps
Yttrium	89-1	43268686	42850544	42972221	43030484	0.50	cps
Yttrium	89-2	10631545	10972403	11085719	10896556	2.17	cps
Zinc	66-2	243081	243574	241384	242680	0.47	cps
Zirconium	90-1	574387	589211	592373	585324	1.64	cps
Zirconium	91-1	128507	131772	132068	130782	1.51	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:18:35	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10933838	10817063	10826296	10859066	0.60	cps
Antimony	121-1	53543	55393	54667	54534	1.71	cps
Arsenic	75-2	126308	127290	125945	126515	0.55	cps
Barium	135-1	2108752	2117125	2146073	2123983	0.92	cps
Barium	137-1	3677169	3707036	3663811	3682672	0.60	cps
Beryllium	9-1	1550	1417	1517	1495	4.64	cps
Bismuth	209-1	19611834	20065556	19977126	19884839	1.21	cps
Bismuth	209-2	15172884	15052737	14431249	14885623	2.67	cps
Bromine	81-1	20047	21406	20421	20624	3.40	cps
Bromine	81-2	1233	1120	1210	1188	5.04	cps
Cadmium	108-1	630	633	587	617	4.22	cps
Cadmium	106-1	12022	11865	11665	11851	1.51	cps
Cadmium	111-1	9654	9526	9431	9537	1.17	cps
Calcium	43-1	2591105	2611421	2539126	2580550	1.44	cps
Calcium	44-1	41808424	42830733	41688778	42109311	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	655151	653562	651397	653370	0.29	cps
Cobalt	59-2	557552	556657	553076	555762	0.43	cps
Copper	63-2	992272	988505	990254	990344	0.19	cps
Dysprosium	156-1	123921	126440	125424	125261	1.01	cps
Dysprosium	156-2	102319	103326	102255	102633	0.59	cps
Erbium	164-1	85781	87327	87478	86862	1.08	cps
Erbium	164-2	58525	58026	57086	57879	1.26	cps
Gadolinium	160-1	114046	114483	114278	114269	0.19	cps
Gadolinium	160-2	82089	81167	81012	81422	0.71	cps
Holmium	165-1	33874855	34335263	34183522	34131213	0.69	cps
Holmium	165-2	22928347	22823615	21911203	22554389	2.48	cps
Indium	115-1	30335657	30360246	30053607	30249837	0.56	cps
Indium	115-2	9996128	9979323	9632924	9869458	2.08	cps
Iron	56-2	562401525	567073472	563993312	564489436	0.42	cps
Iron	57-2	14115943	14004189	13958694	14026275	0.58	cps
Iron	54-2	30723566	30505640	30235030	30488079	0.80	cps
Krypton	83-1	533	550	467	517	8.54	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:18:35	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	276662	281614	281546	279941	1.01	cps
Lead	207-1	230915	233187	232181	232094	0.49	cps
Lead	208-1	1063611	1079713	1073983	1072436	0.76	cps
Lithium	6-1	2536025	2406841	2468895	2470587	2.62	cps
Magnesium	24-2	12196837	12154129	12360242	12237069	0.89	cps
Manganese	55-2	12395019	12155094	12194421	12248178	1.05	cps
Molybdenum	94-1	240050	243113	243843	242335	0.83	cps
Molybdenum	95-1	9200	9390	9720	9436	2.79	cps
Molybdenum	96-1	55331	55612	55916	55620	0.53	cps
Molybdenum	97-1	5408	5828	6051	5762	5.67	cps
Molybdenum	98-1	14457	14804	14774	14679	1.31	cps
Neodymium	150-1	251842	256373	253458	253891	0.90	cps
Neodymium	150-2	143950	142819	143636	143468	0.41	cps
Nickel	60-2	292196	292735	295074	293335	0.52	cps
Phosphorus	31-2	35080	35324	35107	35170	0.38	cps
Potassium	39-2	2888277	2858786	2982810	2909958	2.23	cps
Rhodium	103-1	28607839	29213006	28869034	28896626	1.05	cps
Rhodium	103-2	17104866	16983244	16359449	16815853	2.38	cps
Scandium	45-1	16357869	16672876	16531881	16520875	0.96	cps
Scandium	45-2	1355097	1373142	1319043	1349094	2.04	cps
Selenium	82-1	2003	1953	1964	1973	1.33	cps
Selenium	77-2	497	497	407	467	11.13	cps
Selenium	78-2	913	823	790	842	7.58	cps
Silicon	28-1	62196044	62721904	62390382	62436110	0.43	cps
Silver	107-1	1673	1817	1730	1740	4.15	cps
Silver	109-1	1357	1320	1270	1316	3.31	cps
Sodium	23-2	268657	268531	269155	268781	0.12	cps
Strontium	86-1	524652	533133	536583	531456	1.16	cps
Strontium	88-1	4686365	4730030	4795972	4737456	1.16	cps
Sulfur	34-1	265699	264237	259702	263213	1.19	cps
Terbium	159-1	35288252	35950578	35011180	35416670	1.36	cps
Terbium	159-2	22745837	23071694	21860784	22559438	2.78	cps
Thallium	203-1	4534	4644	4331	4503	3.53	cps
Thallium	205-1	10511	10954	10888	10784	2.22	cps
Tin	118-1	45094	46104	46354	45850	1.46	cps
Titanium	47-1	1341433	1349897	1355805	1349045	0.54	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:18:35	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36664	36109	36089	36287	0.90	cps
Vanadium	51-2	921030	916441	919457	918976	0.25	cps
Yttrium	89-1	42641563	42990671	42782026	42804753	0.41	cps
Yttrium	89-2	10343929	10372441	9941123	10219164	2.36	cps
Zinc	66-2	258420	260767	259763	259650	0.45	cps
Zirconium	90-1	642031	648935	650045	647004	0.67	cps
Zirconium	91-1	142796	146230	145564	144863	1.26	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 22:21:41	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2294987	2292904	2290016	2292636	0.11	cps
Antimony	121-1	50351	50381	49508	50080	0.99	cps
Arsenic	75-2	25843	25358	25642	25614	0.95	cps
Barium	135-1	419962	423202	421460	421541	0.38	cps
Barium	137-1	720102	722169	725940	722737	0.41	cps
Beryllium	9-1	400	394	367	387	4.61	cps
Bismuth	209-1	19987324	19970154	19743116	19900198	0.68	cps
Bismuth	209-2	15616492	15106702	15314468	15345887	1.67	cps
Bromine	81-1	17417	17644	17420	17494	0.74	cps
Bromine	81-2	310	313	337	320	4.54	cps
Cadmium	108-1	187	200	140	176	17.95	cps
Cadmium	106-1	10921	10277	10350	10516	3.35	cps
Cadmium	111-1	7837	7464	7487	7596	2.75	cps
Calcium	43-1	625805	621283	630285	625791	0.72	cps
Calcium	44-1	9960285	9963946	9973537	9965923	0.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145198	144928	144162	144763	0.37	cps
Cobalt	59-2	117149	117945	115692	116929	0.98	cps
Copper	63-2	210838	209828	207867	209511	0.72	cps
Dysprosium	156-1	25353	25543	25540	25479	0.43	cps
Dysprosium	156-2	20939	21166	21527	21211	1.40	cps
Erbium	164-1	18302	17932	18032	18088	1.06	cps
Erbium	164-2	12632	12412	12312	12452	1.32	cps
Gadolinium	160-1	23997	23714	24137	23949	0.90	cps
Gadolinium	160-2	17084	17618	17765	17489	2.05	cps
Holmium	165-1	34122465	34616725	34373619	34370936	0.72	cps
Holmium	165-2	22814179	22405067	22804228	22674491	1.03	cps
Indium	115-1	30588975	30545107	30587837	30573973	0.08	cps
Indium	115-2	10174512	10128760	10104058	10135777	0.35	cps
Iron	56-2	117961722	118434778	117079705	117825402	0.58	cps
Iron	57-2	2920897	2936262	2909734	2922297	0.46	cps
Iron	54-2	6369759	6297771	6385291	6350941	0.74	cps
Krypton	83-1	453	310	343	369	20.33	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 22:21:41	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	59208	58371	58361	58647	0.83	cps
Lead	207-1	48275	48506	48600	48460	0.34	cps
Lead	208-1	225172	224101	223919	224397	0.30	cps
Lithium	6-1	2691562	2696303	2694149	2694005	0.09	cps
Magnesium	24-2	2589990	2576366	2585202	2583853	0.27	cps
Manganese	55-2	2620473	2594905	2616959	2610779	0.53	cps
Molybdenum	94-1	48637	48032	47804	48158	0.89	cps
Molybdenum	95-1	1750	1677	1947	1791	7.80	cps
Molybdenum	96-1	11301	11114	10991	11135	1.40	cps
Molybdenum	97-1	1203	1123	1293	1207	7.05	cps
Molybdenum	98-1	2820	3067	2927	2938	4.21	cps
Neodymium	150-1	51209	51199	51975	51461	0.87	cps
Neodymium	150-2	29611	29531	29047	29396	1.04	cps
Nickel	60-2	61599	61827	62255	61894	0.54	cps
Phosphorus	31-2	7872	7495	7472	7613	2.95	cps
Potassium	39-2	718504	716718	714979	716734	0.25	cps
Rhodium	103-1	29753460	29655348	29418561	29609123	0.58	cps
Rhodium	103-2	17218698	17083865	17310774	17204446	0.66	cps
Scandium	45-1	16536744	16480086	16618348	16545059	0.42	cps
Scandium	45-2	1349508	1359391	1307981	1338960	2.04	cps
Selenium	82-1	1807	2021	1925	1918	5.58	cps
Selenium	77-2	123	87	70	93	29.24	cps
Selenium	78-2	570	567	530	556	4.00	cps
Silicon	28-1	15823684	15727000	15809019	15786568	0.33	cps
Silver	107-1	617	590	610	606	2.29	cps
Silver	109-1	433	390	380	401	7.07	cps
Sodium	23-2	115452	116980	115076	115836	0.87	cps
Strontium	86-1	105961	106703	106233	106299	0.35	cps
Strontium	88-1	925346	928945	940237	931509	0.83	cps
Sulfur	34-1	262433	267147	267363	265648	1.05	cps
Terbium	159-1	35573702	35296556	36113635	35661298	1.17	cps
Terbium	159-2	22920463	22996342	22570029	22828945	1.00	cps
Thallium	203-1	1210	1190	1167	1189	1.82	cps
Thallium	205-1	2904	2667	2647	2739	5.21	cps
Tin	118-1	12826	12862	13059	12916	0.97	cps
Titanium	47-1	271157	270401	271391	270983	0.19	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 22:21:41	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7506	7532	7769	7602	1.91	cps
Vanadium	51-2	188118	190160	186501	188260	0.97	cps
Yttrium	89-1	41959162	41451424	41851898	41754161	0.64	cps
Yttrium	89-2	10393389	10243476	10232782	10289882	0.87	cps
Zinc	66-2	56319	56446	57008	56591	0.65	cps
Zirconium	90-1	127555	130170	128117	128614	1.07	cps
Zirconium	91-1	28631	28828	28317	28592	0.90	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:24:50	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10796296	10724447	10480753	10667165	1.55	cps
Antimony	121-1	1977254	2027134	2060799	2021729	2.08	cps
Arsenic	75-2	152769	152032	151996	152266	0.29	cps
Barium	135-1	10568377	10646960	10956168	10723835	1.91	cps
Barium	137-1	18118850	18226747	18643262	18329620	1.51	cps
Beryllium	9-1	74651	74025	73540	74072	0.75	cps
Bismuth	209-1	19366773	19732960	19728340	19609357	1.07	cps
Bismuth	209-2	15058543	14879206	15026160	14987970	0.64	cps
Bromine	81-1	19770	20608	20805	20394	2.69	cps
Bromine	81-2	1213	1050	1147	1137	7.22	cps
Cadmium	108-1	17330	17367	17437	17378	0.31	cps
Cadmium	106-1	34685	35059	34491	34745	0.83	cps
Cadmium	111-1	262082	266175	265901	264720	0.86	cps
Calcium	43-1	2628265	2629278	2642016	2633186	0.29	cps
Calcium	44-1	42696139	43074769	42299961	42690290	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2156698	2082320	2110367	2116462	1.77	cps
Cobalt	59-2	6541490	6456331	6439463	6479095	0.84	cps
Copper	63-2	3048172	3068732	2958212	3025039	1.94	cps
Dysprosium	156-1	113181	114469	116663	114771	1.53	cps
Dysprosium	156-2	94673	94516	95488	94892	0.55	cps
Erbium	164-1	79776	80346	81683	80602	1.21	cps
Erbium	164-2	54268	53827	53174	53756	1.02	cps
Gadolinium	160-1	104425	106370	106373	105723	1.06	cps
Gadolinium	160-2	75425	75281	75234	75313	0.13	cps
Holmium	165-1	33514887	34184554	34185866	33961769	1.14	cps
Holmium	165-2	22450495	22357353	22743912	22517253	0.90	cps
Indium	115-1	29676101	29669632	29573769	29639834	0.19	cps
Indium	115-2	10000074	9778037	9862690	9880267	1.13	cps
Iron	56-2	530354499	526717845	524068619	527046988	0.60	cps
Iron	57-2	13143799	12991287	13002220	13045768	0.65	cps
Iron	54-2	28904547	28467920	28093770	28488746	1.42	cps
Krypton	83-1	453	543	523	507	9.33	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:24:50	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	508403	521073	525344	518273	1.70	cps
Lead	207-1	431421	436980	440310	436237	1.03	cps
Lead	208-1	1981312	2026896	2034414	2014207	1.43	cps
Lithium	6-1	2623978	2587485	2346604	2519356	5.98	cps
Magnesium	24-2	11494148	11338617	11123252	11318672	1.65	cps
Manganese	55-2	14051166	13923063	14013216	13995815	0.47	cps
Molybdenum	94-1	217549	219334	220640	219175	0.71	cps
Molybdenum	95-1	8326	8299	8459	8361	1.03	cps
Molybdenum	96-1	49657	50102	50825	50195	1.17	cps
Molybdenum	97-1	4984	5288	5191	5154	3.01	cps
Molybdenum	98-1	12659	13436	13666	13254	3.98	cps
Neodymium	150-1	230113	235708	235642	233821	1.37	cps
Neodymium	150-2	131997	132035	130854	131629	0.51	cps
Nickel	60-2	1847926	1819646	1834947	1834173	0.77	cps
Phosphorus	31-2	31175	31118	30945	31079	0.39	cps
Potassium	39-2	2647774	2640836	2636625	2641745	0.21	cps
Rhodium	103-1	28650335	28836961	28450795	28646031	0.67	cps
Rhodium	103-2	16929661	16810706	16897045	16879138	0.36	cps
Scandium	45-1	16093831	16183759	16000499	16092696	0.57	cps
Scandium	45-2	1350481	1354923	1314562	1339989	1.65	cps
Selenium	82-1	28543	28840	28610	28664	0.54	cps
Selenium	77-2	2937	3050	2764	2917	4.95	cps
Selenium	78-2	9183	8893	9090	9055	1.64	cps
Silicon	28-1	63345172	62899236	62260984	62835131	0.87	cps
Silver	107-1	999552	1020636	1023834	1014674	1.30	cps
Silver	109-1	944598	960328	968090	957672	1.25	cps
Sodium	23-2	244831	245920	246967	245906	0.43	cps
Strontium	86-1	467241	479370	478788	475133	1.44	cps
Strontium	88-1	4176824	4187292	4199353	4187823	0.27	cps
Sulfur	34-1	270477	268561	266266	268434	0.79	cps
Terbium	159-1	35064129	35426697	35440140	35310322	0.60	cps
Terbium	159-2	22748804	22365622	22521997	22545474	0.85	cps
Thallium	203-1	801603	814830	823751	813395	1.37	cps
Thallium	205-1	1900445	1942316	1979935	1940899	2.05	cps
Tin	118-1	41934	44442	43723	43366	2.98	cps
Titanium	47-1	1185225	1200028	1199202	1194818	0.70	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:24:50	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32891	33806	33412	33370	1.38	cps
Vanadium	51-2	3970677	3934384	3933784	3946282	0.54	cps
Yttrium	89-1	41634915	42144254	41835973	41871714	0.61	cps
Yttrium	89-2	10328898	10318432	10263152	10303494	0.34	cps
Zinc	66-2	932228	926129	914319	924226	0.99	cps
Zirconium	90-1	574552	587571	586580	582901	1.24	cps
Zirconium	91-1	126991	131489	131311	129930	1.96	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:27:49	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12703864	12520089	12674123	12632692	0.78	cps
Antimony	121-1	7660374	7827925	7808106	7765468	1.18	cps
Arsenic	75-2	267073	265920	262609	265200	0.87	cps
Barium	135-1	38056103	39010278	38962686	38676356	1.39	cps
Barium	137-1	66019094	67394542	66995971	66803202	1.06	cps
Beryllium	9-1	305676	301250	294849	300592	1.81	cps
Bismuth	209-1	20330202	20119793	19905200	20118398	1.06	cps
Bismuth	209-2	15184227	15057731	15207786	15149915	0.53	cps
Bromine	81-1	19727	20544	20324	20198	2.09	cps
Bromine	81-2	1203	1103	1087	1131	5.58	cps
Cadmium	108-1	65741	68290	67657	67229	1.97	cps
Cadmium	106-1	103827	105516	105365	104903	0.89	cps
Cadmium	111-1	1014159	1031884	1038175	1028073	1.21	cps
Calcium	43-1	2567506	2547487	2556970	2557321	0.39	cps
Calcium	44-1	40937154	41265058	41077287	41093166	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6811154	6851325	6732947	6798476	0.89	cps
Cobalt	59-2	25297462	25335032	25606852	25413115	0.66	cps
Copper	63-2	9727192	9718044	9758712	9734649	0.22	cps
Dysprosium	156-1	112607	115826	116455	114962	1.80	cps
Dysprosium	156-2	94424	94922	94203	94516	0.39	cps
Erbium	164-1	79076	80540	81261	80292	1.39	cps
Erbium	164-2	53351	53452	53596	53466	0.23	cps
Gadolinium	160-1	102712	104425	106975	104704	2.05	cps
Gadolinium	160-2	75680	74711	74815	75068	0.71	cps
Holmium	165-1	35502894	35038897	34836085	35125959	0.97	cps
Holmium	165-2	22906901	22654336	22489784	22683674	0.93	cps
Indium	115-1	31301182	30245641	30012818	30519880	2.25	cps
Indium	115-2	9917089	9782700	9676834	9792208	1.23	cps
Iron	56-2	542658152	535312952	534423405	537464836	0.84	cps
Iron	57-2	13251888	13238317	13228918	13239708	0.09	cps
Iron	54-2	29404172	29466379	29026313	29298955	0.81	cps
Krypton	83-1	457	470	473	467	1.89	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:27:49	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1293991	1333181	1319938	1315703	1.52	cps
Lead	207-1	1092101	1131686	1131815	1118534	2.05	cps
Lead	208-1	5023459	5202541	5259109	5161703	2.38	cps
Lithium	6-1	2633469	2635049	2533071	2600530	2.25	cps
Magnesium	24-2	11083862	11175512	11096549	11118641	0.45	cps
Manganese	55-2	22531958	22364218	22083915	22326697	1.01	cps
Molybdenum	94-1	211225	219442	218820	216496	2.11	cps
Molybdenum	95-1	8546	8646	8596	8596	0.58	cps
Molybdenum	96-1	49436	49999	50216	49884	0.81	cps
Molybdenum	97-1	5164	5188	5198	5183	0.33	cps
Molybdenum	98-1	14134	14270	13987	14130	1.00	cps
Neodymium	150-1	229244	233933	232862	232013	1.06	cps
Neodymium	150-2	130431	131490	130224	130715	0.52	cps
Nickel	60-2	6772397	6787111	6722271	6760593	0.50	cps
Phosphorus	31-2	30884	30621	30577	30694	0.54	cps
Potassium	39-2	2614112	2581774	2607607	2601164	0.66	cps
Rhodium	103-1	29786056	29196109	28740849	29241005	1.79	cps
Rhodium	103-2	16845656	16600605	16762598	16736286	0.74	cps
Scandium	45-1	16925268	16330206	16163635	16473036	2.43	cps
Scandium	45-2	1349400	1333301	1318527	1333742	1.16	cps
Selenium	82-1	124655	127556	127938	126716	1.42	cps
Selenium	77-2	11848	11978	11735	11854	1.03	cps
Selenium	78-2	38797	38537	37785	38373	1.37	cps
Silicon	28-1	62156944	62297876	61405187	61953336	0.77	cps
Silver	107-1	4141148	4270031	4281491	4230890	1.84	cps
Silver	109-1	3995561	4012729	4026385	4011558	0.39	cps
Sodium	23-2	245684	246163	247941	246596	0.48	cps
Strontium	86-1	460322	467807	470715	466281	1.15	cps
Strontium	88-1	4038799	4154698	4136648	4110048	1.52	cps
Sulfur	34-1	259833	251863	247890	253195	2.40	cps
Terbium	159-1	36793719	36281277	35754689	36276562	1.43	cps
Terbium	159-2	22813585	22727455	22793025	22778022	0.20	cps
Thallium	203-1	3217049	3332159	3324204	3291138	1.95	cps
Thallium	205-1	7549542	7790419	7888111	7742691	2.25	cps
Tin	118-1	41981	43027	43265	42758	1.60	cps
Titanium	47-1	1166366	1177107	1184881	1176118	0.79	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MS	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:27:49	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32984	33475	34468	33643	2.25	cps
Vanadium	51-2	13760118	13824704	13748646	13777823	0.30	cps
Yttrium	89-1	43214559	42637798	41824383	42558913	1.64	cps
Yttrium	89-2	10381456	10137170	10191114	10236580	1.25	cps
Zinc	66-2	3173312	3090750	3123042	3129035	1.33	cps
Zirconium	90-1	570394	579822	581010	577075	1.01	cps
Zirconium	91-1	126339	130252	129885	128825	1.68	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BL	Instrumnet Name :	P7
Client Sample ID :	PBS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:30:42	DataFile Name :	182CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	507	357	377	413	19.70	cps
Antimony	121-1	1050	1147	1410	1202	15.50	cps
Arsenic	75-2	13	20	10	14	35.26	cps
Barium	135-1	1183	857	550	863	36.69	cps
Barium	137-1	2167	1350	907	1475	43.35	cps
Beryllium	9-1	89	72	61	74	18.88	cps
Bismuth	209-1	19848196	19613790	19661096	19707694	0.63	cps
Bismuth	209-2	15323043	15555180	15305769	15394664	0.90	cps
Bromine	81-1	15999	15738	15965	15901	0.89	cps
Bromine	81-2	213	223	197	211	6.38	cps
Cadmium	108-1	20	33	27	27	24.99	cps
Cadmium	106-1	10307	10354	9610	10090	4.13	cps
Cadmium	111-1	7294	7328	6782	7135	4.29	cps
Calcium	43-1	1420	1157	1273	1283	10.28	cps
Calcium	44-1	54242	54363	54134	54246	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1663	1720	1720	1701	1.92	cps
Cobalt	59-2	390	330	303	341	13.01	cps
Copper	63-2	3120	3187	2880	3063	5.27	cps
Dysprosium	156-1	30	10	13	18	60.28	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	167	150	117	144	17.62	cps
Erbium	164-2	67	67	103	79	26.83	cps
Gadolinium	160-1	137	170	140	149	12.33	cps
Gadolinium	160-2	1150	1120	1053	1108	4.47	cps
Holmium	165-1	34401700	33660547	33636435	33899561	1.28	cps
Holmium	165-2	22432727	22534696	22258416	22408613	0.62	cps
Indium	115-1	31019619	30284882	29729789	30344763	2.13	cps
Indium	115-2	9935270	9989696	9813680	9912882	0.91	cps
Iron	56-2	27699	27859	26774	27444	2.13	cps
Iron	57-2	1557	1697	1597	1617	4.46	cps
Iron	54-2	3941	3887	3984	3937	1.23	cps
Krypton	83-1	347	417	337	367	11.89	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BL	Instrumnet Name :	P7
Client Sample ID :	PBS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:30:42	DataFile Name :	182CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	813	820	853	829	2.59	cps
Lead	207-1	730	707	733	723	2.01	cps
Lead	208-1	3350	3367	3257	3325	1.78	cps
Lithium	6-1	2781885	2814384	2793508	2796592	0.59	cps
Magnesium	24-2	1813	1723	1737	1758	2.76	cps
Manganese	55-2	1063	1140	1040	1081	4.84	cps
Molybdenum	94-1	753	720	780	751	4.00	cps
Molybdenum	95-1	53	63	60	59	8.65	cps
Molybdenum	96-1	203	200	237	213	9.50	cps
Molybdenum	97-1	53	70	73	66	16.35	cps
Molybdenum	98-1	120	147	93	120	22.23	cps
Neodymium	150-1	13	13	10	12	15.73	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	483	403	397	428	11.27	cps
Phosphorus	31-2	200	233	203	212	8.65	cps
Potassium	39-2	84241	83239	82478	83319	1.06	cps
Rhodium	103-1	29919418	29011692	28998464	29309858	1.80	cps
Rhodium	103-2	16934329	16992946	16925556	16950943	0.22	cps
Scandium	45-1	16300510	15988222	15741211	16009981	1.75	cps
Scandium	45-2	1311230	1305945	1321376	1312850	0.60	cps
Selenium	82-1	1779	1632	1681	1697	4.43	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	530	577	530	546	4.94	cps
Silicon	28-1	1354331	1350602	1352357	1352430	0.14	cps
Silver	107-1	597	463	460	507	15.39	cps
Silver	109-1	460	370	280	370	24.32	cps
Sodium	23-2	72811	72309	72094	72405	0.51	cps
Strontium	86-1	673	747	697	706	5.31	cps
Strontium	88-1	1207	1293	1147	1216	6.07	cps
Sulfur	34-1	242461	246591	249112	246055	1.36	cps
Terbium	159-1	35616343	35087808	34655283	35119811	1.37	cps
Terbium	159-2	22523350	22608541	22248736	22460209	0.84	cps
Thallium	203-1	797	773	637	736	11.75	cps
Thallium	205-1	1753	1657	1580	1663	5.22	cps
Tin	118-1	3711	3671	3600	3661	1.52	cps
Titanium	47-1	230	227	223	227	1.47	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BL	Instrumnet Name :	P7
Client Sample ID :	PBS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:30:42	DataFile Name :	182CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	27	33	31	12.36	cps
Vanadium	51-2	167	113	123	134	21.08	cps
Yttrium	89-1	41534886	40245484	40139531	40639967	1.91	cps
Yttrium	89-2	10044999	10020008	9889690	9984899	0.84	cps
Zinc	66-2	1763	1627	1747	1712	4.35	cps
Zirconium	90-1	1960	2044	2224	2076	6.48	cps
Zirconium	91-1	440	440	460	447	2.59	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BS	Instrumnet Name :	P7
Client Sample ID :	LCS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:33:59	DataFile Name :	183LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20153	20287	21081	20507	2.45	cps
Antimony	121-1	108039	109506	108321	108622	0.72	cps
Arsenic	75-2	3024	2980	2824	2943	3.58	cps
Barium	135-1	124767	126388	127743	126300	1.18	cps
Barium	137-1	216321	219307	218003	217877	0.69	cps
Beryllium	9-1	5173	4790	4812	4925	4.37	cps
Bismuth	209-1	19514039	19528794	19341361	19461398	0.54	cps
Bismuth	209-2	15054048	15286996	15276778	15205941	0.87	cps
Bromine	81-1	15678	15809	16042	15843	1.16	cps
Bromine	81-2	183	140	197	173	17.09	cps
Cadmium	108-1	1127	1057	1120	1101	3.51	cps
Cadmium	106-1	11461	11451	11525	11479	0.35	cps
Cadmium	111-1	21988	21523	21834	21782	1.09	cps
Calcium	43-1	68390	69508	69120	69006	0.82	cps
Calcium	44-1	1146352	1156775	1171138	1158088	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45281	45896	45157	45445	0.87	cps
Cobalt	59-2	36220	35933	35879	36011	0.51	cps
Copper	63-2	57500	57085	57707	57431	0.55	cps
Dysprosium	156-1	63	23	40	42	47.59	cps
Dysprosium	156-2	33	13	30	26	41.94	cps
Erbium	164-1	177	80	157	138	37.04	cps
Erbium	164-2	117	93	117	109	12.38	cps
Gadolinium	160-1	183	150	157	163	10.80	cps
Gadolinium	160-2	1110	1093	1120	1108	1.22	cps
Holmium	165-1	32502132	33305329	33028019	32945160	1.24	cps
Holmium	165-2	22321514	22309886	22217469	22282956	0.26	cps
Indium	115-1	29025273	29718103	29166961	29303446	1.25	cps
Indium	115-2	9846471	10028933	9878555	9917986	0.98	cps
Iron	56-2	4060688	3995780	3980108	4012192	1.06	cps
Iron	57-2	103295	104859	102942	103699	0.98	cps
Iron	54-2	227432	224905	223730	225356	0.84	cps
Krypton	83-1	320	380	357	352	8.59	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BS	Instrumnet Name :	P7
Client Sample ID :	LCS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:33:59	DataFile Name :	183LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	37482	38277	38040	37933	1.08	cps
Lead	207-1	32459	33598	32656	32904	1.85	cps
Lead	208-1	149706	152748	151648	151367	1.02	cps
Lithium	6-1	2847132	2901828	2947270	2898743	1.73	cps
Magnesium	24-2	895242	886630	884576	888816	0.64	cps
Manganese	55-2	16773	17564	17700	17346	2.89	cps
Molybdenum	94-1	112736	115171	116041	114650	1.49	cps
Molybdenum	95-1	137455	139796	140274	139175	1.08	cps
Molybdenum	96-1	154321	155799	156463	155528	0.71	cps
Molybdenum	97-1	87154	88100	88043	87766	0.60	cps
Molybdenum	98-1	222343	224299	224325	223656	0.51	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	9870	9867	9723	9820	0.85	cps
Phosphorus	31-2	203	197	193	198	2.57	cps
Potassium	39-2	1191638	1194787	1199204	1195209	0.32	cps
Rhodium	103-1	28388581	29136489	28741745	28755605	1.30	cps
Rhodium	103-2	16821006	16832462	16587411	16746960	0.83	cps
Scandium	45-1	15714066	16081836	16128376	15974759	1.42	cps
Scandium	45-2	1324751	1304135	1299493	1309460	1.03	cps
Selenium	82-1	5986	5869	6123	5993	2.11	cps
Selenium	77-2	420	473	390	428	9.87	cps
Selenium	78-2	1990	1897	1910	1932	2.61	cps
Silicon	28-1	1599030	1631713	1618856	1616533	1.02	cps
Silver	107-1	72386	72744	72825	72652	0.32	cps
Silver	109-1	66923	69221	68032	68059	1.69	cps
Sodium	23-2	1500292	1491356	1498020	1496556	0.31	cps
Strontium	86-1	17270	18458	17858	17862	3.33	cps
Strontium	88-1	152104	154222	152784	153037	0.71	cps
Sulfur	34-1	265505	271841	269080	268809	1.18	cps
Terbium	159-1	33763110	34465127	34323135	34183791	1.09	cps
Terbium	159-2	22127999	22358056	22371613	22285889	0.61	cps
Thallium	203-1	45696	45897	46633	46075	1.07	cps
Thallium	205-1	108371	110064	107930	108788	1.04	cps
Tin	118-1	4171	3984	4124	4093	2.37	cps
Titanium	47-1	32949	33026	33146	33040	0.30	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BS	Instrumnet Name :	P7
Client Sample ID :	LCS696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:33:59	DataFile Name :	183LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	129769	130887	131727	130794	0.75	cps
Vanadium	51-2	93249	91911	90734	91965	1.37	cps
Yttrium	89-1	39807170	40117169	40111547	40011962	0.44	cps
Yttrium	89-2	9982432	9907182	9966570	9952061	0.40	cps
Zinc	66-2	23235	23579	23225	23346	0.86	cps
Zirconium	90-1	97088	96380	95816	96428	0.66	cps
Zirconium	91-1	21326	21816	22214	21785	2.04	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:37:14	DataFile Name :	184LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10397	10344	10350	10364	0.28	cps
Antimony	121-1	53325	53803	53529	53553	0.45	cps
Arsenic	75-2	1463	1533	1570	1522	3.56	cps
Barium	135-1	62687	61646	62118	62150	0.84	cps
Barium	137-1	106767	106837	107537	107047	0.40	cps
Beryllium	9-1	2356	2322	2378	2352	1.19	cps
Bismuth	209-1	19569190	19672418	19232369	19491326	1.18	cps
Bismuth	209-2	15082102	15138107	15197005	15139072	0.38	cps
Bromine	81-1	15702	15528	15542	15591	0.62	cps
Bromine	81-2	147	150	227	174	25.94	cps
Cadmium	108-1	640	567	537	581	9.15	cps
Cadmium	106-1	10717	10934	11031	10894	1.47	cps
Cadmium	111-1	14063	14449	14911	14474	2.94	cps
Calcium	43-1	35274	35455	35294	35341	0.28	cps
Calcium	44-1	602606	601265	599753	601208	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23445	23311	23311	23356	0.33	cps
Cobalt	59-2	17517	17781	17794	17697	0.88	cps
Copper	63-2	29138	29138	29723	29333	1.15	cps
Dysprosium	156-1	27	30	37	31	16.37	cps
Dysprosium	156-2	7	13	23	14	58.06	cps
Erbium	164-1	130	147	120	132	10.19	cps
Erbium	164-2	103	90	107	100	8.82	cps
Gadolinium	160-1	117	180	157	151	21.20	cps
Gadolinium	160-2	1203	1197	1177	1192	1.16	cps
Holmium	165-1	32744803	33349540	32494104	32862816	1.34	cps
Holmium	165-2	22186835	22324736	22173757	22228442	0.38	cps
Indium	115-1	29910708	29344269	29076285	29443754	1.45	cps
Indium	115-2	9989857	10000219	10021613	10003897	0.16	cps
Iron	56-2	1978653	1968489	1958320	1968488	0.52	cps
Iron	57-2	52120	51113	51200	51478	1.08	cps
Iron	54-2	112929	113628	112288	112948	0.59	cps
Krypton	83-1	423	313	343	360	15.79	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:37:14	DataFile Name :	184LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19224	19187	19341	19250	0.42	cps
Lead	207-1	16877	16460	16460	16599	1.45	cps
Lead	208-1	76394	77160	76224	76593	0.65	cps
Lithium	6-1	3026943	2963081	2900810	2963612	2.13	cps
Magnesium	24-2	437762	441635	445458	441618	0.87	cps
Manganese	55-2	8999	9059	8813	8957	1.44	cps
Molybdenum	94-1	56180	57583	56860	56874	1.23	cps
Molybdenum	95-1	68332	68995	67592	68306	1.03	cps
Molybdenum	96-1	76519	76294	75912	76242	0.40	cps
Molybdenum	97-1	42231	42936	42468	42545	0.84	cps
Molybdenum	98-1	110736	110665	110510	110637	0.10	cps
Neodymium	150-1	13	17	10	13	25.01	cps
Neodymium	150-2	13	3	27	14	81.07	cps
Nickel	60-2	4868	4858	5001	4909	1.63	cps
Phosphorus	31-2	197	203	233	211	9.25	cps
Potassium	39-2	631912	637451	629836	633067	0.62	cps
Rhodium	103-1	29058695	29069572	28725288	28951185	0.68	cps
Rhodium	103-2	16886939	16611799	16748141	16748960	0.82	cps
Scandium	45-1	16177971	16078514	15899177	16051887	0.88	cps
Scandium	45-2	1332562	1319709	1326934	1326402	0.49	cps
Selenium	82-1	3837	3992	3949	3926	2.05	cps
Selenium	77-2	180	203	200	194	6.49	cps
Selenium	78-2	1243	1137	1237	1206	4.96	cps
Silicon	28-1	1536925	1539038	1513392	1529785	0.93	cps
Silver	107-1	34818	36085	35280	35394	1.81	cps
Silver	109-1	33602	33873	33656	33710	0.43	cps
Sodium	23-2	745507	742279	738916	742234	0.44	cps
Strontium	86-1	9090	8919	9173	9061	1.43	cps
Strontium	88-1	75529	75238	74397	75055	0.78	cps
Sulfur	34-1	279187	282208	284255	281883	0.90	cps
Terbium	159-1	34759175	34169390	34032261	34320276	1.13	cps
Terbium	159-2	22235498	22181682	22312371	22243184	0.30	cps
Thallium	203-1	22969	22949	22859	22926	0.26	cps
Thallium	205-1	54930	55017	52494	54147	2.65	cps
Tin	118-1	3691	7944	3771	5135	47.38	cps
Titanium	47-1	16142	16346	16366	16284	0.76	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	PB164696BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD696	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:37:14	DataFile Name :	184LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63923	64278	63474	63891	0.63	cps
Vanadium	51-2	45338	45091	45421	45283	0.38	cps
Yttrium	89-1	40201320	39686698	39724143	39870720	0.72	cps
Yttrium	89-2	9992620	9953431	9882941	9942997	0.56	cps
Zinc	66-2	12705	12432	12766	12634	1.41	cps
Zirconium	90-1	48306	48042	48550	48299	0.53	cps
Zirconium	91-1	10864	10751	11171	10929	1.99	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-01	Instrumnet Name :	P7
Client Sample ID :	MYE5J2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:40:34	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14309494	14434358	14382596	14375483	0.44	cps
Antimony	121-1	27413	27790	27660	27621	0.69	cps
Arsenic	75-2	72847	72757	72864	72823	0.08	cps
Barium	135-1	2310559	2367801	2301227	2326529	1.55	cps
Barium	137-1	3949362	3974696	3966221	3963426	0.33	cps
Beryllium	9-1	2578	2422	2600	2534	3.82	cps
Bismuth	209-1	18999982	19004394	19509647	19171341	1.53	cps
Bismuth	209-2	14946491	15060583	15192801	15066625	0.82	cps
Bromine	81-1	27229	28103	28578	27970	2.45	cps
Bromine	81-2	2407	2637	2630	2558	5.12	cps
Cadmium	108-1	567	573	517	552	5.61	cps
Cadmium	106-1	11451	11591	10807	11283	3.71	cps
Cadmium	111-1	11867	11960	11337	11721	2.86	cps
Calcium	43-1	740152	741626	740232	740670	0.11	cps
Calcium	44-1	11775747	11675572	11721594	11724305	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	529051	519104	518224	522126	1.15	cps
Cobalt	59-2	530441	528510	526241	528397	0.40	cps
Copper	63-2	1222071	1224637	1213611	1220106	0.47	cps
Dysprosium	156-1	146508	149078	148333	147973	0.89	cps
Dysprosium	156-2	118414	120115	120875	119801	1.05	cps
Erbium	164-1	110631	114047	114813	113164	1.97	cps
Erbium	164-2	75412	75445	75831	75563	0.31	cps
Gadolinium	160-1	139331	141907	141564	140934	0.99	cps
Gadolinium	160-2	100074	100403	99188	99888	0.63	cps
Holmium	165-1	33494244	34077494	34335134	33968957	1.27	cps
Holmium	165-2	22783830	22663656	22904899	22784128	0.53	cps
Indium	115-1	29445076	29485932	29597505	29509504	0.27	cps
Indium	115-2	9768809	9698860	9861840	9776503	0.84	cps
Iron	56-2	510751179	497507593	509770552	506009775	1.46	cps
Iron	57-2	12720580	12580458	12456145	12585728	1.05	cps
Iron	54-2	27253130	26973135	27369907	27198724	0.75	cps
Krypton	83-1	543	587	597	576	4.93	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-01	Instrumnet Name :	P7
Client Sample ID :	MYE5J2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:40:34	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	559156	568331	568951	565480	0.97	cps
Lead	207-1	483126	483442	487139	484569	0.46	cps
Lead	208-1	2187699	2208989	2229740	2208809	0.95	cps
Lithium	6-1	2987799	2818399	2731681	2845960	4.58	cps
Magnesium	24-2	11306540	11176827	11132582	11205316	0.81	cps
Manganese	55-2	13314229	13114884	13345198	13258104	0.94	cps
Molybdenum	94-1	113505	114540	114261	114102	0.47	cps
Molybdenum	95-1	9320	9470	9300	9363	0.99	cps
Molybdenum	96-1	33204	34410	33221	33612	2.06	cps
Molybdenum	97-1	5848	6005	5778	5877	1.98	cps
Molybdenum	98-1	14624	14350	14761	14578	1.43	cps
Neodymium	150-1	282482	285897	284256	284212	0.60	cps
Neodymium	150-2	158563	159697	159878	159379	0.45	cps
Nickel	60-2	231751	233281	232087	232373	0.35	cps
Phosphorus	31-2	39805	40413	39731	39983	0.94	cps
Potassium	39-2	7018993	6934151	6938605	6963916	0.69	cps
Rhodium	103-1	28546820	28963335	28309929	28606694	1.16	cps
Rhodium	103-2	16556427	16484106	16896484	16645672	1.32	cps
Scandium	45-1	16699994	16440426	16348662	16496361	1.10	cps
Scandium	45-2	1330494	1333782	1325557	1329944	0.31	cps
Selenium	82-1	1884	1953	1879	1905	2.17	cps
Selenium	77-2	530	530	650	570	12.15	cps
Selenium	78-2	980	827	820	876	10.34	cps
Silicon	28-1	62629311	62003812	62159142	62264089	0.52	cps
Silver	107-1	5504	5024	4864	5131	6.49	cps
Silver	109-1	5161	4831	4727	4906	4.61	cps
Sodium	23-2	430651	428203	429930	429595	0.29	cps
Strontium	86-1	784176	795979	786971	789042	0.78	cps
Strontium	88-1	6938408	7009199	7030788	6992798	0.69	cps
Sulfur	34-1	290191	277544	267106	278281	4.15	cps
Terbium	159-1	34727144	35277438	35409477	35138020	1.03	cps
Terbium	159-2	22365209	22450570	22746025	22520601	0.89	cps
Thallium	203-1	7255	6922	7045	7074	2.38	cps
Thallium	205-1	16677	15823	16056	16185	2.73	cps
Tin	118-1	51030	51060	50525	50872	0.59	cps
Titanium	47-1	1820404	1853869	1849377	1841217	0.99	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-01	Instrumnet Name :	P7
Client Sample ID :	MYE5J2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:40:34	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44290	44477	44812	44526	0.59	cps
Vanadium	51-2	768730	757335	760722	762262	0.77	cps
Yttrium	89-1	41789916	42190517	42259410	42079948	0.60	cps
Yttrium	89-2	10241177	10128367	10363230	10244258	1.15	cps
Zinc	66-2	327551	328274	328276	328034	0.13	cps
Zirconium	90-1	292091	297914	298053	296019	1.15	cps
Zirconium	91-1	65894	66426	66165	66162	0.40	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-02	Instrumnet Name :	P7
Client Sample ID :	MYE5J3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:43:38	DataFile Name :	186SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15045016	14785648	14992900	14941188	0.92	cps
Antimony	121-1	50572	51723	52285	51526	1.69	cps
Arsenic	75-2	137779	137422	136928	137376	0.31	cps
Barium	135-1	2315746	2338077	2336095	2329973	0.53	cps
Barium	137-1	3930863	3965705	4021938	3972835	1.16	cps
Beryllium	9-1	2167	2311	2478	2319	6.72	cps
Bismuth	209-1	19770734	19725031	19720264	19738676	0.14	cps
Bismuth	209-2	15193613	15237027	15111884	15180842	0.42	cps
Bromine	81-1	33852	35927	37043	35607	4.55	cps
Bromine	81-2	4087	3844	3884	3938	3.31	cps
Cadmium	108-1	567	540	547	551	2.52	cps
Cadmium	106-1	11321	11158	10734	11071	2.74	cps
Cadmium	111-1	10659	10616	10638	10638	0.20	cps
Calcium	43-1	995185	1000652	1004240	1000026	0.46	cps
Calcium	44-1	15544857	15610709	15624717	15593428	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	749941	749654	746859	748818	0.23	cps
Cobalt	59-2	569125	560274	565777	565058	0.79	cps
Copper	63-2	1545982	1546219	1530818	1541006	0.57	cps
Dysprosium	156-1	145145	146970	149152	147089	1.36	cps
Dysprosium	156-2	117119	116912	117685	117239	0.34	cps
Erbium	164-1	110402	112787	112545	111911	1.17	cps
Erbium	164-2	75368	74557	73854	74593	1.02	cps
Gadolinium	160-1	137541	139853	141129	139508	1.30	cps
Gadolinium	160-2	98419	98422	98473	98438	0.03	cps
Holmium	165-1	34338848	34368149	34776517	34494504	0.71	cps
Holmium	165-2	22647130	22663276	22865725	22725377	0.54	cps
Indium	115-1	29636318	29508605	29494962	29546628	0.26	cps
Indium	115-2	9712273	9702791	9863147	9759404	0.92	cps
Iron	56-2	606647471	609470204	613175991	609764555	0.54	cps
Iron	57-2	15204474	15000639	15007524	15070879	0.77	cps
Iron	54-2	32792956	33123615	32701440	32872670	0.68	cps
Krypton	83-1	537	547	507	530	3.93	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-02	Instrumnet Name :	P7
Client Sample ID :	MYE5J3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:43:38	DataFile Name :	186SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	431674	437860	437902	435812	0.82	cps
Lead	207-1	364664	369800	369540	368001	0.79	cps
Lead	208-1	1677417	1705228	1710327	1697657	1.04	cps
Lithium	6-1	2890756	2673446	2724029	2762744	4.12	cps
Magnesium	24-2	13075345	13101605	13112302	13096417	0.15	cps
Manganese	55-2	14319955	14299370	14363863	14327729	0.23	cps
Molybdenum	94-1	111816	113660	113908	113128	1.01	cps
Molybdenum	95-1	15885	16132	16102	16040	0.84	cps
Molybdenum	96-1	39413	40051	40255	39906	1.10	cps
Molybdenum	97-1	9787	10154	10024	9988	1.86	cps
Molybdenum	98-1	24504	25609	25372	25162	2.31	cps
Neodymium	150-1	270850	274615	276188	273885	1.00	cps
Neodymium	150-2	153441	151885	153778	153035	0.66	cps
Nickel	60-2	275166	276942	273109	275073	0.70	cps
Phosphorus	31-2	42633	41914	42278	42275	0.85	cps
Potassium	39-2	6933179	6944207	6875331	6917572	0.53	cps
Rhodium	103-1	28634720	28580384	28628895	28614666	0.10	cps
Rhodium	103-2	16656416	16518336	16518863	16564538	0.48	cps
Scandium	45-1	16245814	16125854	16379199	16250289	0.78	cps
Scandium	45-2	1305994	1340087	1336522	1327534	1.41	cps
Selenium	82-1	1929	1908	1892	1910	0.96	cps
Selenium	77-2	550	497	493	513	6.19	cps
Selenium	78-2	910	960	1007	959	5.04	cps
Silicon	28-1	56206413	55724709	55977011	55969378	0.43	cps
Silver	107-1	5291	5518	5171	5327	3.31	cps
Silver	109-1	4884	4998	5061	4981	1.80	cps
Sodium	23-2	242101	242548	242310	242320	0.09	cps
Strontium	86-1	870260	878842	888758	879287	1.05	cps
Strontium	88-1	7708968	7786972	7932679	7809540	1.45	cps
Sulfur	34-1	263558	261443	258314	261105	1.01	cps
Terbium	159-1	35539020	35436254	35378234	35451169	0.23	cps
Terbium	159-2	22470849	22884675	22819275	22724933	0.98	cps
Thallium	203-1	4924	4778	4748	4816	1.96	cps
Thallium	205-1	11341	11331	11195	11289	0.73	cps
Tin	118-1	47341	47254	47257	47284	0.10	cps
Titanium	47-1	1301121	1295709	1344641	1313824	2.04	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-02	Instrumnet Name :	P7
Client Sample ID :	MYE5J3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:43:38	DataFile Name :	186SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54123	54980	55257	54787	1.08	cps
Vanadium	51-2	943398	942296	935226	940307	0.47	cps
Yttrium	89-1	41903965	41626406	42273173	41934515	0.77	cps
Yttrium	89-2	10275020	10203405	10111087	10196504	0.81	cps
Zinc	66-2	352037	352597	350672	351769	0.28	cps
Zirconium	90-1	278503	287202	287029	284245	1.75	cps
Zirconium	91-1	62104	63309	63841	63085	1.41	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-03	Instrumnet Name :	P7
Client Sample ID :	MYE5J4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:46:45	DataFile Name :	187SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9515495	9687028	9702117	9634880	1.08	cps
Antimony	121-1	57451	60302	59827	59194	2.58	cps
Arsenic	75-2	81971	82394	82420	82262	0.31	cps
Barium	135-1	1552072	1571172	1573760	1565668	0.76	cps
Barium	137-1	2688926	2749986	2713745	2717552	1.13	cps
Beryllium	9-1	1417	1439	1428	1428	0.78	cps
Bismuth	209-1	19808091	19494600	19757185	19686625	0.85	cps
Bismuth	209-2	15032861	15021581	14841579	14965340	0.72	cps
Bromine	81-1	57029	61303	62029	60121	4.49	cps
Bromine	81-2	8366	8256	8079	8233	1.76	cps
Cadmium	108-1	403	480	463	449	8.98	cps
Cadmium	106-1	10844	10511	10631	10662	1.58	cps
Cadmium	111-1	10862	10902	10758	10841	0.69	cps
Calcium	43-1	1346975	1363781	1355448	1355401	0.62	cps
Calcium	44-1	21493148	21603466	21888362	21661659	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	696845	692934	696099	695293	0.30	cps
Cobalt	59-2	457505	457946	459564	458338	0.24	cps
Copper	63-2	992724	986261	985188	988058	0.41	cps
Dysprosium	156-1	90221	91901	91969	91364	1.08	cps
Dysprosium	156-2	73906	74017	73246	73723	0.56	cps
Erbium	164-1	65911	67522	68299	67244	1.81	cps
Erbium	164-2	44862	44437	44671	44657	0.48	cps
Gadolinium	160-1	85418	86475	86726	86206	0.80	cps
Gadolinium	160-2	61223	61558	62043	61608	0.67	cps
Holmium	165-1	34314274	34337609	34462738	34371540	0.23	cps
Holmium	165-2	22572688	22836368	22622138	22677065	0.62	cps
Indium	115-1	29787020	29958451	30019039	29921503	0.40	cps
Indium	115-2	9889585	9860646	9732210	9827480	0.85	cps
Iron	56-2	464234260	454424807	458031900	458896989	1.08	cps
Iron	57-2	11458792	11344308	11331780	11378293	0.62	cps
Iron	54-2	24995216	24923414	24969871	24962834	0.15	cps
Krypton	83-1	443	440	480	454	4.88	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-03	Instrumnet Name :	P7
Client Sample ID :	MYE5J4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:46:45	DataFile Name :	187SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	248118	250953	251512	250194	0.73	cps
Lead	207-1	205520	208722	209379	207874	0.99	cps
Lead	208-1	950557	959578	962699	957612	0.66	cps
Lithium	6-1	2762080	2604660	2620785	2662508	3.25	cps
Magnesium	24-2	12482590	12799717	12595529	12625945	1.27	cps
Manganese	55-2	11648950	11364343	11461894	11491729	1.26	cps
Molybdenum	94-1	63032	64686	67634	65117	3.58	cps
Molybdenum	95-1	12669	13119	12769	12852	1.84	cps
Molybdenum	96-1	27028	27890	28044	27654	1.98	cps
Molybdenum	97-1	8072	8082	7612	7922	3.39	cps
Molybdenum	98-1	20204	20418	19510	20044	2.37	cps
Neodymium	150-1	169418	172093	172940	171483	1.07	cps
Neodymium	150-2	95068	96182	95434	95561	0.59	cps
Nickel	60-2	233301	232694	231734	232576	0.34	cps
Phosphorus	31-2	39016	38980	39053	39016	0.09	cps
Potassium	39-2	4147682	4142418	4122659	4137586	0.32	cps
Rhodium	103-1	29044798	28702779	28393512	28713696	1.13	cps
Rhodium	103-2	16548198	16815830	16825198	16729742	0.94	cps
Scandium	45-1	16118412	16070288	16093845	16094182	0.15	cps
Scandium	45-2	1344185	1349888	1331144	1341739	0.72	cps
Selenium	82-1	2057	2055	2102	2071	1.27	cps
Selenium	77-2	397	370	380	382	3.52	cps
Selenium	78-2	760	863	903	842	8.78	cps
Silicon	28-1	53216018	53131274	52446049	52931114	0.80	cps
Silver	107-1	2400	2497	2740	2546	6.88	cps
Silver	109-1	2314	2417	2357	2362	2.20	cps
Sodium	23-2	585124	591050	586274	587482	0.53	cps
Strontium	86-1	1398381	1414677	1413352	1408803	0.64	cps
Strontium	88-1	12526849	12476272	12658901	12554007	0.75	cps
Sulfur	34-1	301917	306917	304694	304509	0.82	cps
Terbium	159-1	35337995	35303122	35427619	35356246	0.18	cps
Terbium	159-2	22810055	22445970	22626153	22627393	0.80	cps
Thallium	203-1	3084	3254	3117	3152	2.86	cps
Thallium	205-1	7195	7075	7562	7278	3.49	cps
Tin	118-1	39725	40417	40574	40238	1.12	cps
Titanium	47-1	993730	1006224	998026	999327	0.64	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-03	Instrumnet Name :	P7
Client Sample ID :	MYE5J4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:46:45	DataFile Name :	187SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77380	77534	77601	77505	0.15	cps
Vanadium	51-2	742283	736559	739107	739317	0.39	cps
Yttrium	89-1	41661408	41563777	41524117	41583100	0.17	cps
Yttrium	89-2	10121145	10086406	10083944	10097165	0.21	cps
Zinc	66-2	338833	338264	335458	337519	0.54	cps
Zirconium	90-1	153284	155493	155004	154594	0.75	cps
Zirconium	91-1	34771	34681	35406	34953	1.13	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-04	Instrumnet Name :	P7
Client Sample ID :	MYE5J5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:49:50	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15957913	15844311	15582110	15794778	1.22	cps
Antimony	121-1	56751	56430	56758	56647	0.33	cps
Arsenic	75-2	121001	119781	120407	120396	0.51	cps
Barium	135-1	2530803	2486214	2505266	2507427	0.89	cps
Barium	137-1	4327222	4309460	4262826	4299836	0.77	cps
Beryllium	9-1	2195	2267	1950	2137	7.77	cps
Bismuth	209-1	19018276	19622677	19679161	19440038	1.88	cps
Bismuth	209-2	14847676	14861620	14787155	14832150	0.27	cps
Bromine	81-1	24564	24984	25108	24885	1.15	cps
Bromine	81-2	1943	2214	1923	2027	7.99	cps
Cadmium	108-1	593	637	577	602	5.14	cps
Cadmium	106-1	11101	11021	10337	10820	3.88	cps
Cadmium	111-1	10969	10779	10623	10790	1.61	cps
Calcium	43-1	696991	694454	689118	693521	0.58	cps
Calcium	44-1	10952313	10713870	10801469	10822551	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	841996	836385	843349	840577	0.44	cps
Cobalt	59-2	642342	641926	638046	640771	0.37	cps
Copper	63-2	1672266	1650335	1677519	1666707	0.87	cps
Dysprosium	156-1	151810	152312	151962	152028	0.17	cps
Dysprosium	156-2	120741	121695	121604	121347	0.43	cps
Erbium	164-1	110674	111675	111087	111145	0.45	cps
Erbium	164-2	75057	74246	73468	74257	1.07	cps
Gadolinium	160-1	142409	142220	142961	142530	0.27	cps
Gadolinium	160-2	101260	100947	99158	100455	1.13	cps
Holmium	165-1	32865012	34519108	34186477	33856866	2.58	cps
Holmium	165-2	22642498	22251687	22164360	22352848	1.14	cps
Indium	115-1	28737241	29289235	29104097	29043524	0.97	cps
Indium	115-2	9687378	9613226	9573451	9624685	0.60	cps
Iron	56-2	687628870	685520070	680866723	684671888	0.51	cps
Iron	57-2	16980136	16993077	17028699	17000637	0.15	cps
Iron	54-2	36975755	37531036	37116583	37207791	0.78	cps
Krypton	83-1	497	533	410	480	13.19	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-04	Instrumnet Name :	P7
Client Sample ID :	MYE5J5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:49:50	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	432214	437311	436960	435495	0.65	cps
Lead	207-1	364240	363057	363583	363627	0.16	cps
Lead	208-1	1662310	1675120	1682780	1673403	0.62	cps
Lithium	6-1	2507358	2546599	2545030	2532995	0.88	cps
Magnesium	24-2	14184911	13934346	13826924	13982060	1.31	cps
Manganese	55-2	15015708	15084132	14826842	14975560	0.89	cps
Molybdenum	94-1	138342	139699	140180	139407	0.68	cps
Molybdenum	95-1	17003	17621	17127	17250	1.89	cps
Molybdenum	96-1	46353	46571	47219	46714	0.96	cps
Molybdenum	97-1	10771	11041	11068	10960	1.50	cps
Molybdenum	98-1	27726	27212	26888	27276	1.55	cps
Neodymium	150-1	280587	277821	283255	280555	0.97	cps
Neodymium	150-2	158905	158574	156600	158026	0.79	cps
Nickel	60-2	299879	301295	299933	300369	0.27	cps
Phosphorus	31-2	45999	46561	46825	46461	0.91	cps
Potassium	39-2	6691192	6665304	6614569	6657022	0.59	cps
Rhodium	103-1	27687972	28245538	27862968	27932159	1.02	cps
Rhodium	103-2	16580919	16158559	16129557	16289678	1.55	cps
Scandium	45-1	15612815	15927751	15864002	15801523	1.05	cps
Scandium	45-2	1340349	1319853	1273254	1311152	2.62	cps
Selenium	82-1	2007	1961	1952	1973	1.51	cps
Selenium	77-2	550	563	570	561	1.81	cps
Selenium	78-2	863	970	940	924	5.95	cps
Silicon	28-1	55325491	55040588	54967034	55111038	0.34	cps
Silver	107-1	8896	9150	9156	9067	1.64	cps
Silver	109-1	8359	8529	8829	8573	2.78	cps
Sodium	23-2	235681	235376	234185	235081	0.34	cps
Strontium	86-1	655215	655053	655396	655221	0.03	cps
Strontium	88-1	5827652	5785093	5783315	5798687	0.43	cps
Sulfur	34-1	239536	231248	226589	232457	2.82	cps
Terbium	159-1	34261078	34820480	35046221	34709260	1.16	cps
Terbium	159-2	22478303	22201155	22391910	22357122	0.63	cps
Thallium	203-1	4594	4407	4557	4520	2.19	cps
Thallium	205-1	10838	10361	10544	10581	2.27	cps
Tin	118-1	61233	61732	62351	61772	0.91	cps
Titanium	47-1	1548643	1498470	1500848	1515987	1.87	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-04	Instrumnet Name :	P7
Client Sample ID :	MYE5J5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:49:50	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57480	57905	56081	57155	1.67	cps
Vanadium	51-2	982482	979073	978138	979897	0.23	cps
Yttrium	89-1	40661394	41452090	41475548	41196344	1.12	cps
Yttrium	89-2	10160287	9974346	10030718	10055117	0.95	cps
Zinc	66-2	406941	408472	405364	406926	0.38	cps
Zirconium	90-1	350946	350812	349802	350520	0.18	cps
Zirconium	91-1	80201	78405	77373	78659	1.82	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-05	Instrumnet Name :	P7
Client Sample ID :	MYE5J6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:52:56	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19808484	20203052	19704796	19905444	1.32	cps
Antimony	121-1	181229	189306	189822	186786	2.58	cps
Arsenic	75-2	140299	140471	141840	140870	0.60	cps
Barium	135-1	2714997	2812668	2818269	2781978	2.09	cps
Barium	137-1	4727413	4867387	4891248	4828683	1.83	cps
Beryllium	9-1	2745	2528	2717	2663	4.43	cps
Bismuth	209-1	19672210	19413017	19727133	19604120	0.86	cps
Bismuth	209-2	14951174	15248057	15112426	15103886	0.98	cps
Bromine	81-1	39623	42300	43668	41864	4.91	cps
Bromine	81-2	4961	5321	4951	5078	4.15	cps
Cadmium	108-1	903	943	1043	963	7.49	cps
Cadmium	106-1	11518	11051	11411	11327	2.16	cps
Cadmium	111-1	13802	13690	14209	13900	1.97	cps
Calcium	43-1	1175830	1224118	1204343	1201430	2.02	cps
Calcium	44-1	19133123	19777211	19658732	19523022	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	878860	871486	870028	873458	0.54	cps
Cobalt	59-2	671599	668891	672838	671109	0.30	cps
Copper	63-2	1642387	1650749	1693522	1662219	1.65	cps
Dysprosium	156-1	147340	154452	153658	151817	2.57	cps
Dysprosium	156-2	123326	124371	125531	124409	0.89	cps
Erbium	164-1	114404	118940	118881	117408	2.22	cps
Erbium	164-2	79950	79219	78978	79383	0.64	cps
Gadolinium	160-1	140359	146965	147682	145002	2.78	cps
Gadolinium	160-2	103381	103727	102588	103232	0.57	cps
Holmium	165-1	33174102	34094995	34236308	33835135	1.70	cps
Holmium	165-2	22434368	22553816	22720827	22569670	0.64	cps
Indium	115-1	28894796	29329691	29745060	29323182	1.45	cps
Indium	115-2	9797901	9709868	9855431	9787733	0.75	cps
Iron	56-2	748326336	743165002	742041482	744510940	0.45	cps
Iron	57-2	18345398	18648766	18461123	18485096	0.83	cps
Iron	54-2	40548257	40434845	40391688	40458263	0.20	cps
Krypton	83-1	460	653	507	540	18.68	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-05	Instrumnet Name :	P7
Client Sample ID :	MYE5J6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:52:56	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	479092	497945	505105	494047	2.72	cps
Lead	207-1	404309	417449	413261	411673	1.63	cps
Lead	208-1	1857216	1922986	1933911	1904704	2.18	cps
Lithium	6-1	2565181	2453917	2459155	2492751	2.52	cps
Magnesium	24-2	17363974	17829983	17372056	17522004	1.52	cps
Manganese	55-2	15342953	15081021	15165200	15196391	0.88	cps
Molybdenum	94-1	147888	154239	153484	151870	2.28	cps
Molybdenum	95-1	18609	18599	19029	18745	1.31	cps
Molybdenum	96-1	49149	51393	51564	50702	2.66	cps
Molybdenum	97-1	11334	12302	12269	11968	4.59	cps
Molybdenum	98-1	28738	29620	30676	29678	3.27	cps
Neodymium	150-1	279721	288199	291372	286431	2.10	cps
Neodymium	150-2	163645	161443	163109	162732	0.71	cps
Nickel	60-2	322242	320802	317012	320019	0.84	cps
Phosphorus	31-2	79140	80413	81408	80320	1.42	cps
Potassium	39-2	9512416	9474638	9605950	9531001	0.71	cps
Rhodium	103-1	27651535	27852075	28164900	27889503	0.93	cps
Rhodium	103-2	16608079	16574972	16599798	16594283	0.10	cps
Scandium	45-1	15843779	15805451	16043199	15897477	0.80	cps
Scandium	45-2	1324327	1320770	1350678	1331925	1.23	cps
Selenium	82-1	2317	2275	2395	2329	2.61	cps
Selenium	77-2	583	597	680	620	8.45	cps
Selenium	78-2	1067	1077	1150	1098	4.14	cps
Silicon	28-1	62911817	63413112	63897384	63407438	0.78	cps
Silver	107-1	31945	33121	33281	32783	2.23	cps
Silver	109-1	30095	31584	31651	31110	2.83	cps
Sodium	23-2	1053139	1081319	1045970	1060142	1.76	cps
Strontium	86-1	1864625	1914051	1917898	1898858	1.56	cps
Strontium	88-1	16463320	16796086	16984754	16748053	1.58	cps
Sulfur	34-1	299115	295021	294499	296212	0.85	cps
Terbium	159-1	34551255	35102229	35066088	34906524	0.88	cps
Terbium	159-2	22441331	22603264	22664139	22569578	0.51	cps
Thallium	203-1	5588	5541	5551	5560	0.44	cps
Thallium	205-1	12806	12930	13153	12963	1.36	cps
Tin	118-1	100934	104633	104348	103305	1.99	cps
Titanium	47-1	1692979	1778758	1751951	1741229	2.52	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-05	Instrumnet Name :	P7
Client Sample ID :	MYE5J6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:52:56	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	118105	123567	123924	121865	2.68	cps
Vanadium	51-2	1148928	1157642	1150205	1152258	0.41	cps
Yttrium	89-1	41287964	42020686	42417913	41908854	1.37	cps
Yttrium	89-2	10446990	10223864	10360247	10343700	1.09	cps
Zinc	66-2	645280	651930	649170	648793	0.51	cps
Zirconium	90-1	374457	388118	388476	383684	2.08	cps
Zirconium	91-1	83087	87260	87723	86024	2.97	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-06	Instrumnet Name :	P7
Client Sample ID :	MYE5J7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:55:57	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13753716	13631277	13509424	13631472	0.90	cps
Antimony	121-1	52161	52586	52509	52418	0.43	cps
Arsenic	75-2	118377	117406	117816	117867	0.41	cps
Barium	135-1	1892479	1944203	1939768	1925484	1.49	cps
Barium	137-1	3295882	3327094	3314049	3312342	0.47	cps
Beryllium	9-1	2072	1900	2078	2017	5.01	cps
Bismuth	209-1	19901204	20161230	19645612	19902682	1.30	cps
Bismuth	209-2	15100688	15258776	15349703	15236389	0.83	cps
Bromine	81-1	45871	47837	48984	47564	3.31	cps
Bromine	81-2	6318	6295	5988	6200	2.97	cps
Cadmium	108-1	547	477	517	513	6.84	cps
Cadmium	106-1	11021	10571	10541	10711	2.51	cps
Cadmium	111-1	11299	10923	10767	10996	2.49	cps
Calcium	43-1	945532	948876	953635	949348	0.43	cps
Calcium	44-1	14790449	14822085	14966269	14859601	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	617090	614835	611512	614479	0.46	cps
Cobalt	59-2	523744	526051	519670	523155	0.62	cps
Copper	63-2	1217247	1212874	1195345	1208489	0.96	cps
Dysprosium	156-1	114764	117678	116324	116255	1.25	cps
Dysprosium	156-2	94969	96317	95052	95446	0.79	cps
Erbium	164-1	87297	86972	87448	87239	0.28	cps
Erbium	164-2	58790	57946	59335	58690	1.19	cps
Gadolinium	160-1	109527	111358	110901	110595	0.86	cps
Gadolinium	160-2	78532	78515	76491	77846	1.51	cps
Holmium	165-1	34303375	34370795	34982624	34552265	1.08	cps
Holmium	165-2	22702546	22871635	22950898	22841693	0.56	cps
Indium	115-1	30376938	30209855	29650374	30079056	1.27	cps
Indium	115-2	9924197	9943523	9726556	9864759	1.22	cps
Iron	56-2	576371671	565491725	564600138	568821178	1.15	cps
Iron	57-2	14023526	14149157	14046818	14073167	0.47	cps
Iron	54-2	31338539	30797848	30604541	30913643	1.23	cps
Krypton	83-1	440	487	473	467	5.15	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-06	Instrumnet Name :	P7
Client Sample ID :	MYE5J7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:55:57	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	407186	412578	412154	410640	0.73	cps
Lead	207-1	343481	348018	343867	345122	0.73	cps
Lead	208-1	1577509	1603566	1595429	1592168	0.84	cps
Lithium	6-1	2663825	2571555	2544921	2593434	2.41	cps
Magnesium	24-2	12528083	12569543	12633580	12577069	0.42	cps
Manganese	55-2	12033460	11758759	11816287	11869502	1.22	cps
Molybdenum	94-1	91903	93764	95040	93569	1.69	cps
Molybdenum	95-1	13696	13750	13853	13767	0.58	cps
Molybdenum	96-1	33979	35186	34932	34699	1.83	cps
Molybdenum	97-1	8399	8693	8369	8487	2.11	cps
Molybdenum	98-1	21152	21609	21229	21330	1.15	cps
Neodymium	150-1	215411	219104	219553	218023	1.04	cps
Neodymium	150-2	122513	122682	122970	122722	0.19	cps
Nickel	60-2	234306	233877	236723	234969	0.65	cps
Phosphorus	31-2	40804	41382	40778	40988	0.83	cps
Potassium	39-2	5150280	5118332	5152061	5140224	0.37	cps
Rhodium	103-1	28819259	29001130	28489326	28769905	0.90	cps
Rhodium	103-2	16791214	16724262	16896993	16804156	0.52	cps
Scandium	45-1	16066252	15885920	15973843	15975338	0.56	cps
Scandium	45-2	1313068	1321441	1342781	1325763	1.16	cps
Selenium	82-1	2229	2231	2247	2236	0.43	cps
Selenium	77-2	487	447	430	454	6.41	cps
Selenium	78-2	980	843	930	918	7.53	cps
Silicon	28-1	55656074	56015661	54978233	55549989	0.95	cps
Silver	107-1	25549	25790	25399	25579	0.77	cps
Silver	109-1	24290	24297	24748	24445	1.07	cps
Sodium	23-2	468318	467329	468719	468122	0.15	cps
Strontium	86-1	1235485	1242384	1239594	1239154	0.28	cps
Strontium	88-1	10956524	10996650	10992104	10981759	0.20	cps
Sulfur	34-1	256125	253123	252486	253911	0.77	cps
Terbium	159-1	35687434	35581399	35547435	35605423	0.21	cps
Terbium	159-2	22969753	23164020	22758794	22964189	0.88	cps
Thallium	203-1	3647	3937	4031	3872	5.16	cps
Thallium	205-1	8890	9567	9313	9257	3.70	cps
Tin	118-1	63760	62843	64215	63606	1.10	cps
Titanium	47-1	1179263	1189812	1188220	1185765	0.48	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-06	Instrumnet Name :	P7
Client Sample ID :	MYE5J7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:55:57	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67540	68756	69195	68497	1.25	cps
Vanadium	51-2	882466	888784	881107	884119	0.46	cps
Yttrium	89-1	42531169	42009502	41890663	42143778	0.81	cps
Yttrium	89-2	10223147	10234412	10222674	10226744	0.06	cps
Zinc	66-2	403666	402924	404713	403768	0.22	cps
Zirconium	90-1	228464	234387	230924	231259	1.29	cps
Zirconium	91-1	51142	51617	51848	51536	0.70	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-07	Instrumnet Name :	P7
Client Sample ID :	MYE5J8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:59:06	DataFile Name :	191SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14674498	14750364	14636749	14687204	0.39	cps
Antimony	121-1	63864	65482	64571	64639	1.25	cps
Arsenic	75-2	113966	114094	114900	114320	0.44	cps
Barium	135-1	2355784	2297440	2308515	2320579	1.34	cps
Barium	137-1	3914244	3934953	3897569	3915589	0.48	cps
Beryllium	9-1	2072	1972	2145	2063	4.19	cps
Bismuth	209-1	20134320	20319400	20082081	20178600	0.62	cps
Bismuth	209-2	15219795	15162041	15263937	15215258	0.34	cps
Bromine	81-1	25449	25616	25252	25439	0.72	cps
Bromine	81-2	2084	2013	2124	2074	2.69	cps
Cadmium	108-1	543	493	507	514	5.03	cps
Cadmium	106-1	11161	11445	10847	11151	2.68	cps
Cadmium	111-1	10439	10600	10262	10434	1.62	cps
Calcium	43-1	671643	671492	667521	670219	0.35	cps
Calcium	44-1	10439441	10433295	10414182	10428973	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	878214	879027	878864	878702	0.05	cps
Cobalt	59-2	645785	648630	646278	646898	0.24	cps
Copper	63-2	1468199	1464998	1457766	1463654	0.37	cps
Dysprosium	156-1	146990	147199	148900	147696	0.71	cps
Dysprosium	156-2	117691	116730	119399	117940	1.15	cps
Erbium	164-1	107126	107080	108295	107500	0.64	cps
Erbium	164-2	71424	70604	71133	71054	0.59	cps
Gadolinium	160-1	137661	137230	139233	138042	0.76	cps
Gadolinium	160-2	96975	96829	95610	96471	0.78	cps
Holmium	165-1	34659201	34190713	34644296	34498070	0.77	cps
Holmium	165-2	22753558	22691089	22980027	22808225	0.67	cps
Indium	115-1	30076828	30015396	30039784	30044002	0.10	cps
Indium	115-2	9931681	9743701	9929320	9868234	1.09	cps
Iron	56-2	646314630	650678924	659038924	652010826	0.99	cps
Iron	57-2	16085488	15998115	16015059	16032888	0.29	cps
Iron	54-2	35092904	35485099	35241886	35273296	0.56	cps
Krypton	83-1	497	517	493	502	2.51	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-07	Instrumnet Name :	P7
Client Sample ID :	MYE5J8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:59:06	DataFile Name :	191SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	407772	415202	414894	412623	1.02	cps
Lead	207-1	340012	349471	345892	345125	1.38	cps
Lead	208-1	1578900	1604251	1604787	1595979	0.93	cps
Lithium	6-1	2670091	2552746	2584087	2602308	2.33	cps
Magnesium	24-2	13251606	13338260	13211643	13267170	0.49	cps
Manganese	55-2	15523059	15464231	15476040	15487777	0.20	cps
Molybdenum	94-1	116267	117547	122532	118782	2.79	cps
Molybdenum	95-1	16439	16473	16082	16331	1.33	cps
Molybdenum	96-1	41545	42863	42578	42329	1.64	cps
Molybdenum	97-1	10460	10060	10240	10254	1.96	cps
Molybdenum	98-1	25546	25416	25789	25584	0.74	cps
Neodymium	150-1	272512	275535	273694	273914	0.56	cps
Neodymium	150-2	153566	152987	153284	153279	0.19	cps
Nickel	60-2	310643	309215	313125	310994	0.64	cps
Phosphorus	31-2	42606	42572	42128	42435	0.63	cps
Potassium	39-2	7071739	6984077	7040980	7032265	0.63	cps
Rhodium	103-1	28781679	28700549	29087907	28856712	0.71	cps
Rhodium	103-2	16886132	16438875	16704331	16676446	1.35	cps
Scandium	45-1	16236648	16180775	16171736	16196386	0.22	cps
Scandium	45-2	1357655	1334482	1323983	1338707	1.29	cps
Selenium	82-1	2146	2123	2138	2135	0.53	cps
Selenium	77-2	523	560	580	554	5.18	cps
Selenium	78-2	943	860	970	924	6.21	cps
Silicon	28-1	44125466	44999914	44874343	44666574	1.06	cps
Silver	107-1	5571	5468	5504	5514	0.95	cps
Silver	109-1	4824	5041	4948	4938	2.20	cps
Sodium	23-2	218566	218488	217400	218151	0.30	cps
Strontium	86-1	603767	612992	607887	608215	0.76	cps
Strontium	88-1	5267853	5449426	5399185	5372155	1.75	cps
Sulfur	34-1	224370	222713	222915	223333	0.40	cps
Terbium	159-1	35824430	36062932	35530177	35805846	0.75	cps
Terbium	159-2	22754833	22719118	22873878	22782610	0.36	cps
Thallium	203-1	4314	4317	4421	4351	1.39	cps
Thallium	205-1	10284	10034	10221	10179	1.28	cps
Tin	118-1	51150	52211	51676	51679	1.03	cps
Titanium	47-1	1430057	1440715	1437936	1436236	0.38	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-07	Instrumnet Name :	P7
Client Sample ID :	MYE5J8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 22:59:06	DataFile Name :	191SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50689	52647	52245	51861	1.99	cps
Vanadium	51-2	950569	942530	939856	944318	0.59	cps
Yttrium	89-1	41982251	42303574	42270206	42185344	0.42	cps
Yttrium	89-2	10297990	10197096	10223245	10239444	0.51	cps
Zinc	66-2	359498	358879	360593	359657	0.24	cps
Zirconium	90-1	291977	295443	293446	293622	0.59	cps
Zirconium	91-1	63999	67112	66098	65736	2.42	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-08	Instrumnet Name :	P7
Client Sample ID :	MYE5J9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:02:10	DataFile Name :	192SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13566511	13410108	13389857	13455492	0.72	cps
Antimony	121-1	45635	45214	46217	45689	1.10	cps
Arsenic	75-2	98769	99467	98453	98896	0.52	cps
Barium	135-1	2188292	2175252	2183992	2182512	0.30	cps
Barium	137-1	3797577	3754296	3775614	3775829	0.57	cps
Beryllium	9-1	1828	1811	1767	1802	1.75	cps
Bismuth	209-1	19919998	20637366	20815226	20457530	2.32	cps
Bismuth	209-2	15391264	15070989	15280503	15247585	1.07	cps
Bromine	81-1	31697	32977	33247	32640	2.54	cps
Bromine	81-2	3297	3317	3250	3288	1.04	cps
Cadmium	108-1	520	520	527	522	0.74	cps
Cadmium	106-1	11098	11021	10991	11037	0.50	cps
Cadmium	111-1	10068	10194	10209	10157	0.76	cps
Calcium	43-1	1075844	1072181	1076207	1074744	0.21	cps
Calcium	44-1	16861861	16702777	16897751	16820796	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	820484	822389	820473	821116	0.13	cps
Cobalt	59-2	602559	599787	596728	599691	0.49	cps
Copper	63-2	1456075	1447755	1435542	1446457	0.71	cps
Dysprosium	156-1	144844	145764	146636	145748	0.61	cps
Dysprosium	156-2	117751	116159	117157	117022	0.69	cps
Erbium	164-1	108716	109676	110805	109732	0.95	cps
Erbium	164-2	72312	72667	72004	72328	0.46	cps
Gadolinium	160-1	139385	139432	141819	140212	0.99	cps
Gadolinium	160-2	98275	97882	98194	98117	0.21	cps
Holmium	165-1	34660099	36107303	36037570	35601657	2.29	cps
Holmium	165-2	23099838	22552024	22854516	22835459	1.20	cps
Indium	115-1	29900735	30891457	30726727	30506306	1.74	cps
Indium	115-2	9950746	9824823	9808362	9861310	0.79	cps
Iron	56-2	597567404	595374151	590434391	594458649	0.61	cps
Iron	57-2	15095050	14705551	14902654	14901085	1.31	cps
Iron	54-2	32573920	32811825	32553554	32646433	0.44	cps
Krypton	83-1	417	437	633	496	24.16	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-08	Instrumnet Name :	P7
Client Sample ID :	MYE5J9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:02:10	DataFile Name :	192SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	363112	371146	370934	368397	1.24	cps
Lead	207-1	306522	306241	310390	307718	0.75	cps
Lead	208-1	1408897	1427974	1429715	1422195	0.81	cps
Lithium	6-1	2596392	2675762	2635222	2635792	1.51	cps
Magnesium	24-2	13308200	13114449	13139681	13187443	0.80	cps
Manganese	55-2	15439066	15561736	15632528	15544443	0.63	cps
Molybdenum	94-1	93150	94596	94482	94076	0.85	cps
Molybdenum	95-1	16593	16860	17077	16843	1.44	cps
Molybdenum	96-1	37769	38166	38303	38079	0.73	cps
Molybdenum	97-1	10524	10647	10337	10503	1.49	cps
Molybdenum	98-1	26163	26551	26648	26454	0.97	cps
Neodymium	150-1	269587	274978	273008	272524	1.00	cps
Neodymium	150-2	151915	152927	150628	151823	0.76	cps
Nickel	60-2	295378	292272	290893	292848	0.78	cps
Phosphorus	31-2	40821	40647	40604	40691	0.28	cps
Potassium	39-2	6094246	6162406	6150124	6135592	0.59	cps
Rhodium	103-1	28740867	29748703	29648244	29379271	1.89	cps
Rhodium	103-2	16950154	16851148	16814461	16871921	0.42	cps
Scandium	45-1	16313515	16520614	16727937	16520689	1.25	cps
Scandium	45-2	1328241	1339539	1312178	1326652	1.04	cps
Selenium	82-1	2275	2329	1983	2196	8.48	cps
Selenium	77-2	553	497	590	547	8.60	cps
Selenium	78-2	877	867	940	894	4.45	cps
Silicon	28-1	50157706	50664986	49563464	50128719	1.10	cps
Silver	107-1	4064	4144	4121	4110	1.00	cps
Silver	109-1	3901	3701	3794	3798	2.64	cps
Sodium	23-2	273714	274025	271573	273104	0.49	cps
Strontium	86-1	946647	962197	953250	954031	0.82	cps
Strontium	88-1	8444401	8564946	8346703	8452016	1.29	cps
Sulfur	34-1	244001	244550	241820	243457	0.59	cps
Terbium	159-1	35768172	36695404	37342963	36602180	2.16	cps
Terbium	159-2	22978879	22763751	23033032	22925221	0.62	cps
Thallium	203-1	3841	3841	3834	3838	0.10	cps
Thallium	205-1	9497	9363	9490	9450	0.80	cps
Tin	118-1	47575	47936	48090	47867	0.55	cps
Titanium	47-1	1497598	1520982	1497273	1505285	0.90	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-08	Instrumnet Name :	P7
Client Sample ID :	MYE5J9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:02:10	DataFile Name :	192SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52285	52282	53460	52676	1.29	cps
Vanadium	51-2	867053	860679	861175	862969	0.41	cps
Yttrium	89-1	42295151	44431151	43417441	43381248	2.46	cps
Yttrium	89-2	10425781	10383233	10392068	10400361	0.22	cps
Zinc	66-2	340208	337226	336655	338029	0.56	cps
Zirconium	90-1	227032	231947	229595	229524	1.07	cps
Zirconium	91-1	50610	51490	51711	51270	1.14	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-09	Instrumnet Name :	P7
Client Sample ID :	MYE5K0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:05:17	DataFile Name :	193SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15126466	15178718	15134623	15146602	0.19	cps
Antimony	121-1	41212	41898	41155	41422	1.00	cps
Arsenic	75-2	86363	85461	85109	85644	0.76	cps
Barium	135-1	2116243	2138123	2091468	2115278	1.10	cps
Barium	137-1	3673447	3672416	3693052	3679638	0.32	cps
Beryllium	9-1	2450	2428	2478	2452	1.02	cps
Bismuth	209-1	20024328	20332013	20232406	20196249	0.78	cps
Bismuth	209-2	15247995	15265768	15182062	15231942	0.29	cps
Bromine	81-1	33939	36231	36372	35514	3.85	cps
Bromine	81-2	3841	3714	3781	3778	1.68	cps
Cadmium	108-1	557	640	687	628	10.49	cps
Cadmium	106-1	10884	11188	10951	11008	1.45	cps
Cadmium	111-1	11036	11054	11182	11091	0.72	cps
Calcium	43-1	940138	946486	936622	941082	0.53	cps
Calcium	44-1	14768917	14829839	14536782	14711846	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	608311	608735	614905	610651	0.60	cps
Cobalt	59-2	494916	498367	496816	496700	0.35	cps
Copper	63-2	1300939	1290722	1288964	1293541	0.50	cps
Dysprosium	156-1	155042	154500	157765	155769	1.12	cps
Dysprosium	156-2	123860	125417	125132	124803	0.66	cps
Erbium	164-1	119220	121062	120837	120373	0.83	cps
Erbium	164-2	79967	79572	78666	79402	0.84	cps
Gadolinium	160-1	148039	148922	150674	149211	0.90	cps
Gadolinium	160-2	103700	104378	104831	104303	0.55	cps
Holmium	165-1	34418588	34642792	34711110	34590830	0.44	cps
Holmium	165-2	22892699	22793361	22820355	22835472	0.22	cps
Indium	115-1	29857639	29703462	29907640	29822914	0.36	cps
Indium	115-2	9725357	9854744	9757955	9779352	0.69	cps
Iron	56-2	554556192	550901072	557161498	554206254	0.57	cps
Iron	57-2	13821025	13728591	13611792	13720470	0.76	cps
Iron	54-2	30463285	30398705	30340838	30400942	0.20	cps
Krypton	83-1	513	533	553	533	3.75	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-09	Instrumnet Name :	P7
Client Sample ID :	MYE5K0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:05:17	DataFile Name :	193SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	476567	478784	485411	480254	0.96	cps
Lead	207-1	398143	399182	405399	400908	0.98	cps
Lead	208-1	1844577	1866711	1884566	1865285	1.07	cps
Lithium	6-1	2693489	2628653	2560852	2627664	2.52	cps
Magnesium	24-2	11002882	11123070	10913522	11013158	0.95	cps
Manganese	55-2	9965439	10052203	9969215	9995619	0.49	cps
Molybdenum	94-1	147819	147082	147269	147390	0.26	cps
Molybdenum	95-1	13193	13226	12952	13124	1.14	cps
Molybdenum	96-1	42759	43341	42899	43000	0.71	cps
Molybdenum	97-1	8032	8322	8219	8191	1.80	cps
Molybdenum	98-1	21279	20932	20865	21025	1.06	cps
Neodymium	150-1	295578	298291	299505	297791	0.68	cps
Neodymium	150-2	166919	165752	166498	166390	0.36	cps
Nickel	60-2	236807	234752	236138	235899	0.44	cps
Phosphorus	31-2	40353	39250	39571	39725	1.43	cps
Potassium	39-2	7729367	7699579	7785974	7738307	0.57	cps
Rhodium	103-1	28704865	28605963	28351493	28554107	0.64	cps
Rhodium	103-2	16849797	16782108	16721385	16784430	0.38	cps
Scandium	45-1	16174566	16115329	15979533	16089809	0.62	cps
Scandium	45-2	1325639	1318380	1321194	1321738	0.28	cps
Selenium	82-1	2161	2076	2114	2117	2.02	cps
Selenium	77-2	513	553	477	514	7.45	cps
Selenium	78-2	943	930	983	952	2.92	cps
Silicon	28-1	57222489	57310524	57713001	57415338	0.46	cps
Silver	107-1	9810	9707	10047	9855	1.77	cps
Silver	109-1	9173	9460	9436	9356	1.70	cps
Sodium	23-2	278203	283408	283702	281771	1.10	cps
Strontium	86-1	1045453	1045931	1039760	1043715	0.33	cps
Strontium	88-1	9303834	9341108	9207026	9283989	0.75	cps
Sulfur	34-1	267560	259861	255301	260907	2.37	cps
Terbium	159-1	35556894	35812320	36077638	35815617	0.73	cps
Terbium	159-2	22669772	23092311	22676456	22812847	1.06	cps
Thallium	203-1	5758	5868	5525	5717	3.07	cps
Thallium	205-1	13537	13777	13874	13729	1.26	cps
Tin	118-1	59194	59579	59586	59453	0.38	cps
Titanium	47-1	2009858	2021561	1970358	2000592	1.34	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-09	Instrumnet Name :	P7
Client Sample ID :	MYE5K0	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:05:17	DataFile Name :	193SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65068	66856	67131	66352	1.69	cps
Vanadium	51-2	868128	869999	865785	867970	0.24	cps
Yttrium	89-1	41980679	42096396	42052702	42043259	0.14	cps
Yttrium	89-2	10228299	10282861	10372147	10294436	0.71	cps
Zinc	66-2	383972	381243	385403	383539	0.55	cps
Zirconium	90-1	378983	380153	380233	379790	0.18	cps
Zirconium	91-1	85088	85329	85105	85174	0.16	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-10	Instrumnet Name :	P7
Client Sample ID :	MYE5K1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:08:22	DataFile Name :	194SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15987654	16229687	16164552	16127298	0.78	cps
Antimony	121-1	50742	51699	51977	51473	1.26	cps
Arsenic	75-2	88676	89357	89296	89110	0.42	cps
Barium	135-1	2192134	2244901	2238711	2225249	1.30	cps
Barium	137-1	3762090	3838093	3836472	3812218	1.14	cps
Beryllium	9-1	2334	2517	2495	2448	4.09	cps
Bismuth	209-1	20159793	20244685	19884742	20096407	0.94	cps
Bismuth	209-2	15164893	15255508	15259754	15226718	0.35	cps
Bromine	81-1	33528	35439	35356	34774	3.11	cps
Bromine	81-2	3667	3824	3711	3734	2.17	cps
Cadmium	108-1	663	650	653	656	1.06	cps
Cadmium	106-1	11631	10958	11051	11213	3.26	cps
Cadmium	111-1	11685	11183	11309	11392	2.29	cps
Calcium	43-1	982606	978545	979021	980057	0.23	cps
Calcium	44-1	15343750	15487259	15236524	15355844	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	667283	663865	665100	665416	0.26	cps
Cobalt	59-2	507204	510170	513479	510284	0.62	cps
Copper	63-2	1496044	1499018	1487613	1494225	0.40	cps
Dysprosium	156-1	156727	160121	159939	158929	1.20	cps
Dysprosium	156-2	127882	129141	126627	127883	0.98	cps
Erbium	164-1	120672	120151	121284	120702	0.47	cps
Erbium	164-2	80543	79900	80547	80330	0.46	cps
Gadolinium	160-1	150199	152287	151863	151450	0.73	cps
Gadolinium	160-2	107847	107744	105564	107052	1.20	cps
Holmium	165-1	34522063	35112120	35084519	34906234	0.95	cps
Holmium	165-2	22906749	22826951	22713088	22815596	0.43	cps
Indium	115-1	29940731	29798108	30039997	29926279	0.41	cps
Indium	115-2	9943579	9915789	9929076	9929482	0.14	cps
Iron	56-2	590181085	591182645	590381271	590581667	0.09	cps
Iron	57-2	14631779	14553454	14337167	14507467	1.05	cps
Iron	54-2	32286779	31942611	31614666	31948019	1.05	cps
Krypton	83-1	550	470	557	526	9.18	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-10	Instrumnet Name :	P7
Client Sample ID :	MYE5K1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:08:22	DataFile Name :	194SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	481336	487971	488878	486062	0.85	cps
Lead	207-1	403071	412444	406962	407493	1.16	cps
Lead	208-1	1855716	1876779	1884623	1872373	0.80	cps
Lithium	6-1	2670578	2586533	2578957	2612023	1.95	cps
Magnesium	24-2	11295570	11362899	11198610	11285693	0.73	cps
Manganese	55-2	10749194	10680182	10576037	10668471	0.82	cps
Molybdenum	94-1	158870	163626	162336	161611	1.52	cps
Molybdenum	95-1	12746	12596	12652	12664	0.60	cps
Molybdenum	96-1	44892	45638	45825	45451	1.09	cps
Molybdenum	97-1	8029	7916	8222	8056	1.93	cps
Molybdenum	98-1	20354	20514	20314	20394	0.52	cps
Neodymium	150-1	304772	309416	307724	307304	0.76	cps
Neodymium	150-2	170983	169900	169099	169994	0.56	cps
Nickel	60-2	249791	248491	251032	249771	0.51	cps
Phosphorus	31-2	40306	40276	40032	40205	0.37	cps
Potassium	39-2	7986984	8063459	8018230	8022891	0.48	cps
Rhodium	103-1	29103820	28559049	28594893	28752587	1.06	cps
Rhodium	103-2	16712665	16720753	16822970	16752129	0.37	cps
Scandium	45-1	16103950	16042358	15971419	16039242	0.41	cps
Scandium	45-2	1360327	1353479	1336712	1350173	0.90	cps
Selenium	82-1	2095	2114	2046	2085	1.68	cps
Selenium	77-2	623	600	587	603	3.08	cps
Selenium	78-2	880	913	970	921	4.94	cps
Silicon	28-1	53581931	53007739	53533556	53374409	0.60	cps
Silver	107-1	6218	6495	6602	6438	3.07	cps
Silver	109-1	5708	5758	6018	5828	2.86	cps
Sodium	23-2	275396	276031	273238	274888	0.53	cps
Strontium	86-1	1067644	1087833	1097236	1084237	1.39	cps
Strontium	88-1	9576093	9655707	9773417	9668405	1.03	cps
Sulfur	34-1	256230	255986	255559	255925	0.13	cps
Terbium	159-1	35778051	35840769	36040707	35886509	0.38	cps
Terbium	159-2	22745294	22710086	22550425	22668602	0.46	cps
Thallium	203-1	5768	5978	5888	5878	1.79	cps
Thallium	205-1	13417	13624	13634	13558	0.90	cps
Tin	118-1	71794	73573	73255	72874	1.30	cps
Titanium	47-1	2006656	2026010	2018033	2016900	0.48	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-10	Instrumnet Name :	P7
Client Sample ID :	MYE5K1	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:08:22	DataFile Name :	194SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65835	67691	67741	67089	1.62	cps
Vanadium	51-2	926846	928632	920851	925443	0.44	cps
Yttrium	89-1	42654294	42236769	42305496	42398853	0.53	cps
Yttrium	89-2	10359269	10222283	10351476	10311009	0.75	cps
Zinc	66-2	388288	388520	383276	386695	0.77	cps
Zirconium	90-1	416189	423124	419075	419463	0.83	cps
Zirconium	91-1	92771	93854	94985	93870	1.18	cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-11	Instrumnet Name :	P7
Client Sample ID :	MYE5K2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:11:29	DataFile Name :	195SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15914362	16059694	15823748	15932601	0.75	cps
Antimony	121-1	51375	52991	53315	52560	1.98	cps
Arsenic	75-2	109178	108187	107936	108433	0.61	cps
Barium	135-1	2678534	2646641	2689552	2671576	0.83	cps
Barium	137-1	4534005	4518510	4600022	4550846	0.95	cps
Beryllium	9-1	2167	2172	2267	2202	2.55	cps
Bismuth	209-1	20139002	19675976	19808632	19874537	1.20	cps
Bismuth	209-2	15226912	15341253	15137317	15235161	0.67	cps
Bromine	81-1	28357	29550	30000	29302	2.90	cps
Bromine	81-2	2754	2807	2850	2804	1.73	cps
Cadmium	108-1	793	727	700	740	6.50	cps
Cadmium	106-1	11288	11311	11028	11209	1.40	cps
Cadmium	111-1	13441	13417	13314	13391	0.50	cps
Calcium	43-1	891202	901972	896986	896720	0.60	cps
Calcium	44-1	14184548	14214765	14061395	14153569	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	951872	944102	939717	945230	0.65	cps
Cobalt	59-2	711475	703219	703002	705899	0.68	cps
Copper	63-2	2318436	2304481	2293817	2305578	0.54	cps
Dysprosium	156-1	174348	179225	178139	177238	1.44	cps
Dysprosium	156-2	141804	140946	140559	141103	0.45	cps
Erbium	164-1	125807	132346	129275	129143	2.53	cps
Erbium	164-2	86885	86281	85620	86262	0.73	cps
Gadolinium	160-1	165215	169648	170713	168525	1.73	cps
Gadolinium	160-2	118391	118681	117957	118343	0.31	cps
Holmium	165-1	34246069	34753792	34527058	34508973	0.74	cps
Holmium	165-2	23033441	22896912	22623758	22851370	0.91	cps
Indium	115-1	29470192	29791611	30037250	29766351	0.96	cps
Indium	115-2	9950481	9799037	9647849	9799122	1.54	cps
Iron	56-2	688428710	682318070	685010496	685252425	0.45	cps
Iron	57-2	16876155	17099051	17053049	17009418	0.69	cps
Iron	54-2	37391686	37344232	36943599	37226506	0.66	cps
Krypton	83-1	527	597	500	541	9.23	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-11	Instrumnet Name :	P7
Client Sample ID :	MYE5K2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:11:29	DataFile Name :	195SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	680831	692336	695679	689615	1.13	cps
Lead	207-1	581682	597211	591237	590043	1.33	cps
Lead	208-1	2667807	2714081	2705326	2695738	0.91	cps
Lithium	6-1	2562129	2511026	2553557	2542237	1.08	cps
Magnesium	24-2	13784670	14042003	13465319	13763997	2.10	cps
Manganese	55-2	18902803	18673202	18731766	18769257	0.64	cps
Molybdenum	94-1	126687	129998	128798	128494	1.30	cps
Molybdenum	95-1	20945	20785	20878	20869	0.39	cps
Molybdenum	96-1	47019	48249	47908	47725	1.33	cps
Molybdenum	97-1	12726	12846	12726	12766	0.54	cps
Molybdenum	98-1	31965	33194	31704	32288	2.46	cps
Neodymium	150-1	327071	333259	331718	330683	0.97	cps
Neodymium	150-2	184832	184981	184822	184878	0.05	cps
Nickel	60-2	336865	334619	335055	335513	0.35	cps
Phosphorus	31-2	63846	62584	62480	62970	1.21	cps
Potassium	39-2	10399465	10203206	9950987	10184553	2.21	cps
Rhodium	103-1	28190973	28697600	28720095	28536223	1.05	cps
Rhodium	103-2	16771687	16802162	16592745	16722198	0.68	cps
Scandium	45-1	16210344	16123079	16052658	16128694	0.49	cps
Scandium	45-2	1368377	1328731	1313758	1336955	2.11	cps
Selenium	82-1	2086	2162	2150	2132	1.91	cps
Selenium	77-2	643	693	577	638	9.18	cps
Selenium	78-2	1077	1103	1013	1064	4.34	cps
Silicon	28-1	56432661	56638809	57537049	56869506	1.03	cps
Silver	107-1	8009	8479	8606	8365	3.76	cps
Silver	109-1	7709	7572	7545	7609	1.15	cps
Sodium	23-2	271402	271764	271062	271409	0.13	cps
Strontium	86-1	935299	960547	961925	952590	1.57	cps
Strontium	88-1	8317800	8481574	8522119	8440498	1.28	cps
Sulfur	34-1	240271	240768	238418	239819	0.52	cps
Terbium	159-1	35363645	35727447	35712182	35601091	0.58	cps
Terbium	159-2	22750457	22800235	22980495	22843729	0.53	cps
Thallium	203-1	4998	5321	5104	5141	3.21	cps
Thallium	205-1	11622	11772	12379	11924	3.36	cps
Tin	118-1	53168	53288	54298	53585	1.16	cps
Titanium	47-1	1814312	1856773	1849080	1840055	1.23	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-11	Instrumnet Name :	P7
Client Sample ID :	MYE5K2	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:11:29	DataFile Name :	195SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	58746	59204	60138	59363	1.20	cps
Vanadium	51-2	970189	963797	963098	965695	0.40	cps
Yttrium	89-1	42116915	42468892	42590052	42391953	0.58	cps
Yttrium	89-2	10317307	10370533	10232455	10306765	0.68	cps
Zinc	66-2	639770	632541	632600	634970	0.65	cps
Zirconium	90-1	308455	318456	316300	314404	1.67	cps
Zirconium	91-1	68717	73013	70635	70788	3.04	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-12	Instrumnet Name :	P7
Client Sample ID :	MYE5K3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:14:32	DataFile Name :	196SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14676663	14567474	14711539	14651892	0.51	cps
Antimony	121-1	71279	70994	71379	71217	0.28	cps
Arsenic	75-2	118662	117806	118390	118286	0.37	cps
Barium	135-1	2194189	2188853	2197163	2193402	0.19	cps
Barium	137-1	3793965	3794887	3822985	3803946	0.43	cps
Beryllium	9-1	2078	2045	1995	2039	2.06	cps
Bismuth	209-1	19839601	20949941	18618166	19802569	5.89	cps
Bismuth	209-2	15231741	15491620	15248744	15324035	0.95	cps
Bromine	81-1	26157	27245	27496	26966	2.64	cps
Bromine	81-2	2354	2240	2444	2346	4.34	cps
Cadmium	108-1	783	943	793	840	10.67	cps
Cadmium	106-1	11395	12085	10981	11487	4.86	cps
Cadmium	111-1	15273	15842	15287	15467	2.10	cps
Calcium	43-1	687170	689244	690237	688884	0.23	cps
Calcium	44-1	10729485	10953489	10891001	10857992	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	607629	608459	606355	607481	0.17	cps
Cobalt	59-2	593895	587403	594473	591924	0.66	cps
Copper	63-2	2609697	2582080	2636373	2609383	1.04	cps
Dysprosium	156-1	150240	150329	153481	151350	1.22	cps
Dysprosium	156-2	120370	120656	120067	120365	0.24	cps
Erbium	164-1	114397	114602	114820	114606	0.18	cps
Erbium	164-2	76210	74423	75583	75405	1.20	cps
Gadolinium	160-1	143644	143429	143563	143545	0.08	cps
Gadolinium	160-2	100749	99164	100527	100147	0.86	cps
Holmium	165-1	34064171	36941479	33042623	34682758	5.83	cps
Holmium	165-2	22890698	22964624	22920150	22925157	0.16	cps
Indium	115-1	29597858	31266950	28585300	29816703	4.54	cps
Indium	115-2	9833152	9979149	9748881	9853728	1.18	cps
Iron	56-2	668326510	665617830	672766590	668903643	0.54	cps
Iron	57-2	16625491	16676108	16317078	16539559	1.17	cps
Iron	54-2	35970149	36067256	35517471	35851626	0.82	cps
Krypton	83-1	553	523	423	500	13.61	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-12	Instrumnet Name :	P7
Client Sample ID :	MYE5K3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:14:32	DataFile Name :	196SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1027074	1021372	1034680	1027709	0.65	cps
Lead	207-1	884872	885374	887294	885847	0.14	cps
Lead	208-1	4001034	4020035	4040417	4020495	0.49	cps
Lithium	6-1	2489295	2628285	2452532	2523371	3.67	cps
Magnesium	24-2	11782855	11766693	11608897	11719482	0.82	cps
Manganese	55-2	13738144	13682612	13525830	13648862	0.81	cps
Molybdenum	94-1	123649	125095	125794	124846	0.88	cps
Molybdenum	95-1	16196	16046	16146	16129	0.47	cps
Molybdenum	96-1	43361	44414	44437	44071	1.40	cps
Molybdenum	97-1	10150	9994	10494	10213	2.51	cps
Molybdenum	98-1	26247	26047	25602	25965	1.27	cps
Neodymium	150-1	286639	284975	286636	286083	0.34	cps
Neodymium	150-2	159801	160705	160761	160422	0.34	cps
Nickel	60-2	224211	224832	226014	225019	0.41	cps
Phosphorus	31-2	48132	47570	48918	48207	1.40	cps
Potassium	39-2	7971679	8047262	8157843	8058928	1.16	cps
Rhodium	103-1	28458253	30299407	27249718	28669126	5.36	cps
Rhodium	103-2	16676364	17251244	16741281	16889630	1.86	cps
Scandium	45-1	15973353	17142611	15334694	16150219	5.68	cps
Scandium	45-2	1325114	1368403	1364601	1352706	1.77	cps
Selenium	82-1	2091	2214	1978	2094	5.63	cps
Selenium	77-2	547	553	557	552	0.92	cps
Selenium	78-2	1067	1017	903	996	8.41	cps
Silicon	28-1	50853423	50885174	49692788	50477128	1.35	cps
Silver	107-1	12749	12806	13099	12885	1.46	cps
Silver	109-1	11888	11958	12255	12034	1.62	cps
Sodium	23-2	255980	256091	261174	257749	1.15	cps
Strontium	86-1	540057	539989	542457	540835	0.26	cps
Strontium	88-1	4791158	4826503	4831351	4816337	0.46	cps
Sulfur	34-1	231501	227221	225117	227946	1.43	cps
Terbium	159-1	35840390	37681194	33928855	35816813	5.24	cps
Terbium	159-2	22913160	23281978	22736638	22977259	1.21	cps
Thallium	203-1	6115	6118	6522	6251	3.74	cps
Thallium	205-1	14962	14902	14958	14941	0.23	cps
Tin	118-1	53010	53104	53753	53289	0.76	cps
Titanium	47-1	1870700	1900722	1874894	1882105	0.86	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-12	Instrumnet Name :	P7
Client Sample ID :	MYE5K3	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:14:32	DataFile Name :	196SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56499	56627	56282	56469	0.31	cps
Vanadium	51-2	1046229	1047192	1045703	1046374	0.07	cps
Yttrium	89-1	42277899	44670123	40415837	42454619	5.02	cps
Yttrium	89-2	10189581	10455173	10272004	10305586	1.32	cps
Zinc	66-2	458200	460752	458696	459216	0.29	cps
Zirconium	90-1	316004	313688	314855	314849	0.37	cps
Zirconium	91-1	69457	70682	69919	70019	0.88	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-13	Instrumnet Name :	P7
Client Sample ID :	MYE5K4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:17:36	DataFile Name :	197SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12445980	12302801	12363986	12370923	0.58	cps
Antimony	121-1	35905	36817	37445	36722	2.11	cps
Arsenic	75-2	82059	81328	82380	81922	0.66	cps
Barium	135-1	2017107	2056416	2084791	2052772	1.66	cps
Barium	137-1	3510147	3567080	3542483	3539903	0.81	cps
Beryllium	9-1	1978	1850	1778	1869	5.42	cps
Bismuth	209-1	20369183	19976211	19910903	20085432	1.23	cps
Bismuth	209-2	15132717	15114902	15083559	15110393	0.16	cps
Bromine	81-1	31808	33398	35152	33452	5.00	cps
Bromine	81-2	3534	3660	3791	3662	3.51	cps
Cadmium	108-1	443	483	490	472	5.35	cps
Cadmium	106-1	10894	10934	10557	10795	1.92	cps
Cadmium	111-1	9963	10073	9907	9981	0.84	cps
Calcium	43-1	1110383	1112590	1126580	1116518	0.79	cps
Calcium	44-1	17269734	17467600	17559332	17432222	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	670920	668664	674960	671515	0.47	cps
Cobalt	59-2	558479	560533	556642	558551	0.35	cps
Copper	63-2	1266466	1273854	1276589	1272303	0.41	cps
Dysprosium	156-1	132198	134817	135516	134177	1.30	cps
Dysprosium	156-2	107564	109865	108904	108778	1.06	cps
Erbium	164-1	98742	99420	101666	99943	1.53	cps
Erbium	164-2	68065	66963	67669	67566	0.83	cps
Gadolinium	160-1	125620	127288	127453	126787	0.80	cps
Gadolinium	160-2	91734	91171	89497	90800	1.28	cps
Holmium	165-1	34689627	35191196	34237319	34706047	1.37	cps
Holmium	165-2	23120388	22661903	22472266	22751519	1.46	cps
Indium	115-1	30202938	30078147	29790989	30024025	0.70	cps
Indium	115-2	9948419	9806798	9792428	9849215	0.88	cps
Iron	56-2	544830392	544364659	538731805	542642285	0.63	cps
Iron	57-2	13357048	13553309	13402790	13437716	0.76	cps
Iron	54-2	29403808	29769135	29546281	29573075	0.62	cps
Krypton	83-1	487	503	447	479	6.08	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-13	Instrumnet Name :	P7
Client Sample ID :	MYE5K4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:17:36	DataFile Name :	197SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	350058	356370	359839	355422	1.40	cps
Lead	207-1	289299	297279	299976	295518	1.88	cps
Lead	208-1	1348733	1377609	1379284	1368542	1.26	cps
Lithium	6-1	2634475	2458679	2492942	2528699	3.69	cps
Magnesium	24-2	12045874	12018403	11834139	11966139	0.96	cps
Manganese	55-2	15195179	15333528	15072323	15200343	0.86	cps
Molybdenum	94-1	100378	100294	102247	100973	1.09	cps
Molybdenum	95-1	15875	15982	15809	15889	0.55	cps
Molybdenum	96-1	37454	37779	38534	37922	1.46	cps
Molybdenum	97-1	9817	10070	9930	9939	1.28	cps
Molybdenum	98-1	24998	25325	25913	25412	1.82	cps
Neodymium	150-1	246882	250642	250204	249243	0.82	cps
Neodymium	150-2	142027	140340	141570	141312	0.62	cps
Nickel	60-2	246388	246312	245161	245954	0.28	cps
Phosphorus	31-2	48296	50179	49262	49246	1.91	cps
Potassium	39-2	6830103	6931830	6876735	6879556	0.74	cps
Rhodium	103-1	29212826	28769747	28673898	28885490	1.00	cps
Rhodium	103-2	16775055	16651082	16702874	16709670	0.37	cps
Scandium	45-1	15979534	16092374	16044040	16038649	0.35	cps
Scandium	45-2	1336730	1314558	1317289	1322859	0.91	cps
Selenium	82-1	2000	1887	1978	1955	3.07	cps
Selenium	77-2	523	500	623	549	11.94	cps
Selenium	78-2	893	1093	877	954	12.63	cps
Silicon	28-1	59387671	58782239	58422586	58864165	0.83	cps
Silver	107-1	3687	3477	3821	3662	4.73	cps
Silver	109-1	3327	3367	3387	3360	0.91	cps
Sodium	23-2	472020	474796	479429	475415	0.79	cps
Strontium	86-1	787614	804160	805153	798975	1.23	cps
Strontium	88-1	6944498	7081029	7202463	7075997	1.82	cps
Sulfur	34-1	239054	236147	236370	237190	0.68	cps
Terbium	159-1	35597117	35821968	36317627	35912237	1.03	cps
Terbium	159-2	22846708	22647803	22366280	22620264	1.07	cps
Thallium	203-1	4087	4241	4331	4220	2.92	cps
Thallium	205-1	9777	9787	10094	9886	1.82	cps
Tin	118-1	45796	46695	46906	46466	1.27	cps
Titanium	47-1	1435022	1469047	1459793	1454621	1.21	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-13	Instrumnet Name :	P7
Client Sample ID :	MYE5K4	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:17:36	DataFile Name :	197SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	69088	70422	70991	70167	1.39	cps
Vanadium	51-2	810216	809367	804973	808185	0.35	cps
Yttrium	89-1	42409149	42497798	42684814	42530587	0.33	cps
Yttrium	89-2	10257609	10169546	10217898	10215018	0.43	cps
Zinc	66-2	337858	340447	338822	339042	0.39	cps
Zirconium	90-1	242829	250292	252604	248575	2.06	cps
Zirconium	91-1	55093	56214	55866	55724	1.03	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:20:39	DataFile Name :	198SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25196406	25268404	24887618	25117476	0.81	cps
Antimony	121-1	30095	30178	29975	30083	0.34	cps
Arsenic	75-2	136595	138233	138832	137887	0.84	cps
Barium	135-1	6132319	6062912	6183669	6126300	0.99	cps
Barium	137-1	10557193	10573499	10663855	10598183	0.54	cps
Beryllium	9-1	3195	3217	3028	3147	3.28	cps
Bismuth	209-1	19128683	19613520	19423673	19388625	1.26	cps
Bismuth	209-2	14726446	14716165	14689838	14710816	0.13	cps
Bromine	81-1	26210	27439	27048	26899	2.33	cps
Bromine	81-2	2394	2597	2284	2425	6.56	cps
Cadmium	108-1	1130	1040	867	1012	13.22	cps
Cadmium	106-1	12969	12806	12636	12804	1.30	cps
Cadmium	111-1	12341	12457	12519	12439	0.72	cps
Calcium	43-1	4437202	4349144	4216509	4334285	2.56	cps
Calcium	44-1	70931617	69956037	69124661	70004105	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1041716	1042688	1039552	1041319	0.15	cps
Cobalt	59-2	844672	849669	842918	845753	0.41	cps
Copper	63-2	1733401	1700807	1701837	1712015	1.08	cps
Dysprosium	156-1	249129	253018	249832	250660	0.83	cps
Dysprosium	156-2	202444	201904	202769	202372	0.22	cps
Erbium	164-1	190240	192473	191284	191332	0.58	cps
Erbium	164-2	125383	125554	124468	125135	0.47	cps
Gadolinium	160-1	232912	235995	234908	234605	0.67	cps
Gadolinium	160-2	165660	164476	163889	164675	0.55	cps
Holmium	165-1	33706452	34318531	34089963	34038315	0.91	cps
Holmium	165-2	22539519	22390809	22395136	22441821	0.38	cps
Indium	115-1	29771484	29399018	29395632	29522045	0.73	cps
Indium	115-2	9759585	9806762	9556828	9707725	1.37	cps
Iron	56-2	846447801	851294307	836787961	844843356	0.87	cps
Iron	57-2	21154418	21172604	21143837	21156953	0.07	cps
Iron	54-2	45985219	46393641	46047724	46142195	0.48	cps
Krypton	83-1	713	623	640	659	7.27	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:20:39	DataFile Name :	198SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	556641	559435	563040	559705	0.57	cps
Lead	207-1	469570	475651	475240	473487	0.72	cps
Lead	208-1	2148403	2181217	2189955	2173192	1.01	cps
Lithium	6-1	2525117	2515063	2384893	2475024	3.16	cps
Magnesium	24-2	24648979	24614595	24285836	24516470	0.82	cps
Manganese	55-2	19598788	19655681	19558703	19604391	0.25	cps
Molybdenum	94-1	333913	337749	338202	336621	0.70	cps
Molybdenum	95-1	11518	11952	12152	11874	2.73	cps
Molybdenum	96-1	77223	76870	77772	77288	0.59	cps
Molybdenum	97-1	7325	7625	7425	7459	2.05	cps
Molybdenum	98-1	18131	18772	18685	18530	1.88	cps
Neodymium	150-1	509175	518052	516475	514567	0.92	cps
Neodymium	150-2	287516	285774	288990	287427	0.56	cps
Nickel	60-2	543913	544241	540801	542985	0.35	cps
Phosphorus	31-2	96143	96626	94566	95778	1.12	cps
Potassium	39-2	9398406	9461491	9392670	9417523	0.41	cps
Rhodium	103-1	27838035	28479975	27932079	28083363	1.23	cps
Rhodium	103-2	16438244	16468842	16237775	16381620	0.77	cps
Scandium	45-1	16428248	16179695	16220826	16276256	0.82	cps
Scandium	45-2	1367402	1387876	1376923	1377401	0.74	cps
Selenium	82-1	2002	2030	1882	1971	3.97	cps
Selenium	77-2	903	720	900	841	12.47	cps
Selenium	78-2	1187	1210	1177	1191	1.44	cps
Silicon	28-1	57499412	57162809	56695036	57119086	0.71	cps
Silver	107-1	7612	7482	7685	7593	1.36	cps
Silver	109-1	6785	6858	6918	6854	0.97	cps
Sodium	23-2	368899	370066	367168	368711	0.40	cps
Strontium	86-1	3044595	3039647	3019768	3034670	0.43	cps
Strontium	88-1	26598120	26697914	26760133	26685389	0.31	cps
Sulfur	34-1	271318	275105	271733	272719	0.76	cps
Terbium	159-1	35130642	35254642	35506257	35297180	0.54	cps
Terbium	159-2	22681301	22328388	22485720	22498470	0.79	cps
Thallium	203-1	7412	7539	7142	7364	2.75	cps
Thallium	205-1	17331	17989	17224	17515	2.36	cps
Tin	118-1	66412	67159	66456	66675	0.63	cps
Titanium	47-1	2965972	2935411	2966127	2955837	0.60	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:20:39	DataFile Name :	198SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	95117	95378	96940	95812	1.03	cps
Vanadium	51-2	1669322	1640506	1653844	1654557	0.87	cps
Yttrium	89-1	42999636	42632533	43398878	43010349	0.89	cps
Yttrium	89-2	10677011	10542878	10483702	10567864	0.94	cps
Zinc	66-2	431979	428464	426925	429123	0.60	cps
Zirconium	90-1	902838	909962	898099	903633	0.66	cps
Zirconium	91-1	199358	200176	201099	200211	0.44	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:23:42	DataFile Name :	199SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30087183	30259646	30413201	30253343	0.54	cps
Antimony	121-1	35190	34936	35584	35236	0.93	cps
Arsenic	75-2	180847	180695	183806	181783	0.96	cps
Barium	135-1	7303891	7332542	7348166	7328200	0.31	cps
Barium	137-1	12590834	12684083	12716954	12663957	0.52	cps
Beryllium	9-1	3717	3645	3801	3721	2.09	cps
Bismuth	209-1	19299946	19532415	19306085	19379482	0.68	cps
Bismuth	209-2	14528878	14801827	14611585	14647430	0.96	cps
Bromine	81-1	29326	30001	30111	29812	1.43	cps
Bromine	81-2	3017	2720	2797	2845	5.41	cps
Cadmium	108-1	1140	1253	1257	1217	5.46	cps
Cadmium	106-1	13279	13593	13076	13316	1.96	cps
Cadmium	111-1	13342	13849	13071	13421	2.94	cps
Calcium	43-1	5135039	5129582	5042415	5102345	1.02	cps
Calcium	44-1	82142084	82046960	82967755	82385600	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1272583	1273443	1242265	1262764	1.41	cps
Cobalt	59-2	1018175	1019166	1022038	1019793	0.20	cps
Copper	63-2	2083893	2115697	2106011	2101867	0.78	cps
Dysprosium	156-1	292147	297571	298310	296010	1.14	cps
Dysprosium	156-2	239818	242452	240645	240972	0.56	cps
Erbium	164-1	221932	225871	224205	224003	0.88	cps
Erbium	164-2	149240	149638	148516	149131	0.38	cps
Gadolinium	160-1	275430	277253	277652	276779	0.43	cps
Gadolinium	160-2	192108	193007	193436	192850	0.35	cps
Holmium	165-1	33992569	34488914	34466093	34315859	0.82	cps
Holmium	165-2	22487229	22479146	22569105	22511827	0.22	cps
Indium	115-1	29519675	29331257	29621778	29490903	0.50	cps
Indium	115-2	9678151	9544742	9526517	9583136	0.86	cps
Iron	56-2	1039361851	1042067771	1034884971	1038771531	0.35	cps
Iron	57-2	25619248	25948992	25675938	25748059	0.68	cps
Iron	54-2	56794131	56288442	55695424	56259332	0.98	cps
Krypton	83-1	660	630	670	653	3.19	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:23:42	DataFile Name :	199SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	685784	699907	706793	697495	1.54	cps
Lead	207-1	587533	590413	590479	589475	0.29	cps
Lead	208-1	2672051	2715376	2723533	2703653	1.02	cps
Lithium	6-1	2435628	2402858	2337265	2391917	2.09	cps
Magnesium	24-2	29939879	29764997	29483283	29729386	0.77	cps
Manganese	55-2	23555467	23329565	23114466	23333166	0.95	cps
Molybdenum	94-1	401280	406277	407110	404889	0.78	cps
Molybdenum	95-1	14464	14194	14507	14388	1.18	cps
Molybdenum	96-1	89951	92604	93704	92086	2.10	cps
Molybdenum	97-1	8573	8903	8933	8803	2.27	cps
Molybdenum	98-1	21456	21987	22237	21893	1.82	cps
Neodymium	150-1	592071	598489	606645	599068	1.22	cps
Neodymium	150-2	340391	333510	335684	336528	1.05	cps
Nickel	60-2	651876	652942	656519	653779	0.37	cps
Phosphorus	31-2	108058	107736	106940	107578	0.53	cps
Potassium	39-2	11452596	11556131	11329679	11446135	0.99	cps
Rhodium	103-1	27760645	28053980	28076544	27963723	0.63	cps
Rhodium	103-2	16341553	16095116	16111486	16182718	0.85	cps
Scandium	45-1	16358556	16360742	16391139	16370146	0.11	cps
Scandium	45-2	1395352	1390597	1343253	1376401	2.09	cps
Selenium	82-1	2106	2068	2134	2102	1.58	cps
Selenium	77-2	1073	1010	1067	1050	3.31	cps
Selenium	78-2	1383	1193	1310	1296	7.40	cps
Silicon	28-1	66064607	65784751	66891676	66247011	0.87	cps
Silver	107-1	8779	9036	8756	8857	1.76	cps
Silver	109-1	8433	8376	8396	8401	0.34	cps
Sodium	23-2	423674	424025	421822	423174	0.28	cps
Strontium	86-1	3569737	3610617	3660489	3613615	1.26	cps
Strontium	88-1	31388758	31869945	31871826	31710176	0.88	cps
Sulfur	34-1	284126	282365	280556	282349	0.63	cps
Terbium	159-1	35265477	35605020	35302432	35390976	0.53	cps
Terbium	159-2	22396586	22636537	22497437	22510187	0.54	cps
Thallium	203-1	8566	9223	9070	8953	3.84	cps
Thallium	205-1	20913	20913	21711	21179	2.18	cps
Tin	118-1	79494	80587	81221	80434	1.09	cps
Titanium	47-1	3492171	3461441	3473724	3475779	0.45	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:23:42	DataFile Name :	199SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	112427	115076	116781	114761	1.91	cps
Vanadium	51-2	2042459	2035207	2027529	2035065	0.37	cps
Yttrium	89-1	43736049	43780521	43183541	43566704	0.76	cps
Yttrium	89-2	10839412	10679000	10545927	10688113	1.37	cps
Zinc	66-2	520182	517446	523873	520500	0.62	cps
Zirconium	90-1	1063344	1084723	1080163	1076077	1.05	cps
Zirconium	91-1	239104	241739	244849	241898	1.19	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 23:26:41	DataFile Name :	200SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5254628	5378306	5331828	5321587	1.17	cps
Antimony	121-1	6221	6315	5925	6154	3.31	cps
Arsenic	75-2	28694	28277	29279	28750	1.75	cps
Barium	135-1	1227731	1237105	1247477	1237438	0.80	cps
Barium	137-1	2150347	2146793	2155515	2150885	0.20	cps
Beryllium	9-1	678	689	761	709	6.38	cps
Bismuth	209-1	19989406	19871381	19705967	19855584	0.72	cps
Bismuth	209-2	15105994	15213176	15035941	15118371	0.59	cps
Bromine	81-1	17924	18318	18685	18309	2.08	cps
Bromine	81-2	663	707	630	667	5.77	cps
Cadmium	108-1	180	230	277	229	21.12	cps
Cadmium	106-1	10440	10374	10387	10400	0.34	cps
Cadmium	111-1	8076	7917	7891	7961	1.26	cps
Calcium	43-1	904669	920467	924128	916422	1.13	cps
Calcium	44-1	14195868	14414332	14627907	14412702	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	214537	213943	215213	214565	0.30	cps
Cobalt	59-2	176606	174663	177652	176307	0.86	cps
Copper	63-2	360638	360606	356904	359383	0.60	cps
Dysprosium	156-1	50487	50266	50922	50558	0.66	cps
Dysprosium	156-2	41347	42504	40980	41610	1.91	cps
Erbium	164-1	37898	38637	38850	38462	1.30	cps
Erbium	164-2	25931	25296	26031	25753	1.55	cps
Gadolinium	160-1	46196	47540	47320	47019	1.53	cps
Gadolinium	160-2	34252	34496	34212	34320	0.45	cps
Holmium	165-1	33900189	34452618	33726297	34026368	1.11	cps
Holmium	165-2	22176083	22355066	22328587	22286579	0.43	cps
Indium	115-1	30020962	29692177	29462361	29725166	0.94	cps
Indium	115-2	9926922	9883773	9808589	9873095	0.61	cps
Iron	56-2	174455011	174489757	175591017	174845262	0.37	cps
Iron	57-2	4349259	4373533	4406025	4376272	0.65	cps
Iron	54-2	9473515	9493566	9496867	9487983	0.13	cps
Krypton	83-1	413	373	473	420	11.98	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 23:26:41	DataFile Name :	200SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	114695	116601	115731	115676	0.82	cps
Lead	207-1	96453	97510	98658	97540	1.13	cps
Lead	208-1	442725	449727	451041	447831	1.00	cps
Lithium	6-1	2641077	2620244	2582096	2614472	1.14	cps
Magnesium	24-2	5048628	5170338	5206176	5141714	1.61	cps
Manganese	55-2	4040720	4023323	4069971	4044671	0.58	cps
Molybdenum	94-1	67106	70257	68867	68743	2.30	cps
Molybdenum	95-1	2470	2464	2450	2461	0.41	cps
Molybdenum	96-1	15315	15638	15472	15475	1.05	cps
Molybdenum	97-1	1447	1663	1557	1556	6.96	cps
Molybdenum	98-1	3821	3817	3761	3799	0.89	cps
Neodymium	150-1	103043	104483	102902	103476	0.85	cps
Neodymium	150-2	59003	58588	59964	59185	1.19	cps
Nickel	60-2	116055	114949	115447	115484	0.48	cps
Phosphorus	31-2	20460	20364	20497	20440	0.34	cps
Potassium	39-2	1977553	2020393	1985314	1994420	1.14	cps
Rhodium	103-1	29014763	28881769	28581699	28826077	0.77	cps
Rhodium	103-2	16609570	16822374	16620414	16684119	0.72	cps
Scandium	45-1	15793624	15974558	15899233	15889138	0.57	cps
Scandium	45-2	1313605	1310766	1309824	1311398	0.15	cps
Selenium	82-1	1688	1768	1597	1684	5.06	cps
Selenium	77-2	150	207	157	171	18.10	cps
Selenium	78-2	657	623	677	652	4.13	cps
Silicon	28-1	12985328	13039536	13071186	13032016	0.33	cps
Silver	107-1	1620	1543	1747	1637	6.27	cps
Silver	109-1	1597	1507	1403	1502	6.44	cps
Sodium	23-2	131597	131072	129953	130874	0.64	cps
Strontium	86-1	599667	613831	616121	609873	1.46	cps
Strontium	88-1	5398413	5439109	5423877	5420466	0.38	cps
Sulfur	34-1	250071	254241	256013	253442	1.20	cps
Terbium	159-1	34880741	34718034	34952294	34850356	0.34	cps
Terbium	159-2	22947071	22516496	22488969	22650845	1.13	cps
Thallium	203-1	1720	1707	1730	1719	0.68	cps
Thallium	205-1	4014	3994	4034	4014	0.50	cps
Tin	118-1	16737	16530	16356	16541	1.15	cps
Titanium	47-1	590799	600011	601322	597377	0.96	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-12 23:26:41	DataFile Name :	200SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18947	19808	19304	19353	2.24	cps
Vanadium	51-2	331029	334228	334499	333252	0.58	cps
Yttrium	89-1	40991625	40891074	40538053	40806917	0.58	cps
Yttrium	89-2	10013324	9950431	9963065	9975607	0.33	cps
Zinc	66-2	92575	91863	92454	92297	0.41	cps
Zirconium	90-1	179109	182249	182593	181317	1.06	cps
Zirconium	91-1	40041	41201	41291	40844	1.71	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:29:52	DataFile Name :	201SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29574320	29058700	29128192	29253737	0.96	cps
Antimony	121-1	2072478	2168190	2208746	2149805	3.25	cps
Arsenic	75-2	203090	204583	203630	203768	0.37	cps
Barium	135-1	16003052	16665431	16817621	16495368	2.63	cps
Barium	137-1	27449307	28600390	28666186	28238628	2.42	cps
Beryllium	9-1	76968	80390	79552	78970	2.26	cps
Bismuth	209-1	19344087	18954820	19342901	19213936	1.17	cps
Bismuth	209-2	14804054	14645633	14440115	14629934	1.25	cps
Bromine	81-1	26320	27836	28461	27539	4.00	cps
Bromine	81-2	2757	2707	2797	2754	1.64	cps
Cadmium	108-1	18545	19173	19303	19007	2.13	cps
Cadmium	106-1	38133	38163	38962	38420	1.22	cps
Cadmium	111-1	279349	292023	296477	289283	3.07	cps
Calcium	43-1	4659720	4878293	4788721	4775578	2.30	cps
Calcium	44-1	76101569	78349707	77763627	77404968	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2793788	2785039	2815341	2798056	0.56	cps
Cobalt	59-2	7495296	7455358	7556628	7502427	0.68	cps
Copper	63-2	4313381	4253042	4230024	4265482	1.01	cps
Dysprosium	156-1	267889	280500	283733	277374	3.02	cps
Dysprosium	156-2	228510	231314	232674	230833	0.92	cps
Erbium	164-1	205272	213612	216942	211942	2.84	cps
Erbium	164-2	143265	143939	144238	143814	0.35	cps
Gadolinium	160-1	249840	262498	267394	259911	3.49	cps
Gadolinium	160-2	186010	186234	185045	185763	0.34	cps
Holmium	165-1	33589198	34357703	34488186	34145029	1.42	cps
Holmium	165-2	22539957	22412997	22339243	22430732	0.45	cps
Indium	115-1	28948100	29308205	29480624	29245643	0.93	cps
Indium	115-2	9593441	9562021	9549377	9568280	0.24	cps
Iron	56-2	961466119	964473692	969255799	965065203	0.41	cps
Iron	57-2	24060135	23966765	24453560	24160153	1.07	cps
Iron	54-2	51746669	52319651	52578484	52214935	0.82	cps
Krypton	83-1	607	610	687	634	7.13	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:29:52	DataFile Name :	201SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	882912	925448	933513	913958	2.97	cps
Lead	207-1	745105	774793	790960	770286	3.02	cps
Lead	208-1	3434469	3543888	3611443	3529933	2.53	cps
Lithium	6-1	2543482	2395910	2364082	2434491	3.93	cps
Magnesium	24-2	27881382	27634732	27787919	27768011	0.45	cps
Manganese	55-2	24728934	24866030	25073079	24889347	0.70	cps
Molybdenum	94-1	362505	380643	382198	375115	2.92	cps
Molybdenum	95-1	13086	13790	13556	13477	2.66	cps
Molybdenum	96-1	84147	85055	87221	85475	1.85	cps
Molybdenum	97-1	7725	8322	8176	8075	3.85	cps
Molybdenum	98-1	20478	21272	20314	20688	2.48	cps
Neodymium	150-1	551700	572822	584331	569618	2.91	cps
Neodymium	150-2	325787	323677	328328	325931	0.71	cps
Nickel	60-2	2357919	2345777	2329692	2344463	0.60	cps
Phosphorus	31-2	108458	106518	107487	107488	0.90	cps
Potassium	39-2	10544329	10534678	10543276	10540761	0.05	cps
Rhodium	103-1	27736592	27968520	27975275	27893462	0.49	cps
Rhodium	103-2	16273672	16346009	15967073	16195585	1.24	cps
Scandium	45-1	16542251	16319794	16267956	16376667	0.89	cps
Scandium	45-2	1352361	1316758	1346934	1338685	1.43	cps
Selenium	82-1	37353	38605	39246	38401	2.51	cps
Selenium	77-2	4327	4594	4321	4414	3.53	cps
Selenium	78-2	12619	12655	12716	12663	0.39	cps
Silicon	28-1	62649236	64214167	63626196	63496533	1.24	cps
Silver	107-1	1060126	1106918	1116697	1094580	2.76	cps
Silver	109-1	996793	1055020	1052761	1034858	3.19	cps
Sodium	23-2	400133	405532	401200	402288	0.71	cps
Strontium	86-1	3247019	3422653	3430035	3366569	3.08	cps
Strontium	88-1	28298588	30244855	30245075	29596173	3.80	cps
Sulfur	34-1	285967	283083	278081	282377	1.41	cps
Terbium	159-1	35594224	35514970	35481189	35530128	0.16	cps
Terbium	159-2	22659821	22482321	22186246	22442796	1.07	cps
Thallium	203-1	860719	898595	915142	891485	3.13	cps
Thallium	205-1	2052559	2197875	2165570	2138668	3.57	cps
Tin	118-1	70689	74029	74659	73125	2.92	cps
Titanium	47-1	3217383	3268444	3320866	3268898	1.58	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:29:52	DataFile Name :	201SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100798	105914	108124	104945	3.58	cps
Vanadium	51-2	5239306	5223819	5273855	5245660	0.49	cps
Yttrium	89-1	43438486	43956273	43831849	43742203	0.62	cps
Yttrium	89-2	10584970	10616302	10516453	10572575	0.48	cps
Zinc	66-2	1246441	1237292	1241214	1241649	0.37	cps
Zirconium	90-1	967897	1013151	1025345	1002131	3.02	cps
Zirconium	91-1	215496	227124	228259	223626	3.16	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:32:45	DataFile Name :	202CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22485033	22294041	22526623	22435232	0.55	cps
Antimony	121-1	12354182	12528473	12453314	12445323	0.70	cps
Arsenic	75-2	651028	650939	650343	650770	0.06	cps
Barium	135-1	14598091	14751055	14739613	14696253	0.58	cps
Barium	137-1	25193884	25289490	25316041	25266472	0.25	cps
Beryllium	9-1	940177	965779	973248	959735	1.81	cps
Bismuth	209-1	17999320	18300116	17767683	18022373	1.48	cps
Bismuth	209-2	13657750	13824412	13549590	13677251	1.01	cps
Bromine	81-1	16106	16362	16212	16227	0.80	cps
Bromine	81-2	183	207	193	194	6.02	cps
Cadmium	108-1	242396	244182	243738	243439	0.38	cps
Cadmium	106-1	348715	353844	350015	350858	0.76	cps
Cadmium	111-1	3293614	3297950	3263237	3284934	0.58	cps
Calcium	43-1	14817898	15096784	15272712	15062465	1.52	cps
Calcium	44-1	241649310	243203596	244784703	243212536	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4717573	4769944	4720994	4736170	0.62	cps
Cobalt	59-2	7907519	7933240	7806611	7882457	0.85	cps
Copper	63-2	57902097	57468116	57709666	57693293	0.38	cps
Dysprosium	156-1	593	663	643	633	5.69	cps
Dysprosium	156-2	933	920	973	942	2.95	cps
Erbium	164-1	633	723	630	662	8.00	cps
Erbium	164-2	393	390	417	400	3.63	cps
Gadolinium	160-1	570	580	560	570	1.75	cps
Gadolinium	160-2	1247	1307	1333	1296	3.43	cps
Holmium	165-1	33020834	33153454	32953333	33042540	0.31	cps
Holmium	165-2	21874430	22170288	21903006	21982574	0.74	cps
Indium	115-1	27457290	27514520	27386538	27452782	0.23	cps
Indium	115-2	9240301	9302040	9212801	9251714	0.49	cps
Iron	56-2	1052345264	1057906918	1052609318	1054287167	0.30	cps
Iron	57-2	26213075	26474809	26025587	26237824	0.86	cps
Iron	54-2	57187887	56950201	56502539	56880209	0.61	cps
Krypton	83-1	423	337	410	390	11.97	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:32:45	DataFile Name :	202CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40869181	40770314	41162588	40934027	0.50	cps
Lead	207-1	35868765	36343197	35963251	36058404	0.70	cps
Lead	208-1	161568362	164750909	162873768	163064346	0.98	cps
Lithium	6-1	2521491	2557995	2524987	2534824	0.79	cps
Magnesium	24-2	196372290	196092710	194837037	195767346	0.42	cps
Manganese	55-2	35327769	35410090	35063096	35266985	0.51	cps
Molybdenum	94-1	44854974	45434441	45761608	45350341	1.01	cps
Molybdenum	95-1	64342382	65200797	65169116	64904098	0.75	cps
Molybdenum	96-1	70693882	72009874	71520691	71408149	0.93	cps
Molybdenum	97-1	40340089	40731251	40826719	40632686	0.63	cps
Molybdenum	98-1	103627808	104942895	104581925	104384210	0.65	cps
Neodymium	150-1	907	957	943	936	2.77	cps
Neodymium	150-2	270	217	263	250	11.62	cps
Nickel	60-2	2070771	2026232	2056216	2051073	1.11	cps
Phosphorus	31-2	231293	230910	229631	230611	0.38	cps
Potassium	39-2	116350578	116922455	116133602	116468878	0.35	cps
Rhodium	103-1	25910298	25716916	25739585	25788933	0.41	cps
Rhodium	103-2	14942181	15137738	15054294	15044738	0.65	cps
Scandium	45-1	14991855	15118934	15022601	15044463	0.44	cps
Scandium	45-2	1248709	1249402	1245260	1247790	0.18	cps
Selenium	82-1	194672	195853	195622	195382	0.32	cps
Selenium	77-2	18572	18034	18311	18306	1.47	cps
Selenium	78-2	61022	60948	60771	60914	0.21	cps
Silicon	28-1	12183448	12282971	12387134	12284518	0.83	cps
Silver	107-1	16433607	16562472	16403151	16466410	0.51	cps
Silver	109-1	15456247	15493465	15377411	15442374	0.38	cps
Sodium	23-2	307573975	310321009	309753009	309215998	0.47	cps
Strontium	86-1	3995369	3983022	4012966	3997119	0.38	cps
Strontium	88-1	35341518	35192522	35077548	35203863	0.38	cps
Sulfur	34-1	1039006	1160174	1049706	1082962	6.19	cps
Terbium	159-1	34013801	34140041	33851214	34001685	0.43	cps
Terbium	159-2	22046957	21940793	21653336	21880362	0.93	cps
Thallium	203-1	10244145	10271278	10281689	10265704	0.19	cps
Thallium	205-1	24292188	24432481	24616215	24446962	0.66	cps
Tin	118-1	10188769	10257610	10267580	10237986	0.42	cps
Titanium	47-1	14820705	14882492	14802996	14835398	0.28	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:32:45	DataFile Name :	202CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31265365	31670893	31527945	31488068	0.65	cps
Vanadium	51-2	4122428	4168655	4139307	4143463	0.56	cps
Yttrium	89-1	38969588	38310942	38760844	38680458	0.87	cps
Yttrium	89-2	9458942	9554407	9568182	9527177	0.62	cps
Zinc	66-2	9255511	9237034	9270771	9254439	0.18	cps
Zirconium	90-1	21962500	21940821	22070095	21991138	0.31	cps
Zirconium	91-1	4847592	4873531	4894712	4871945	0.48	cps

Reviewed By:mohan
On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:35:28	DataFile Name :	203CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347	303	360	337	8.80	cps
Antimony	121-1	3741	4424	6408	4858	28.53	cps
Arsenic	75-2	23	27	27	26	7.55	cps
Barium	135-1	500	297	270	356	35.38	cps
Barium	137-1	807	550	397	584	35.45	cps
Beryllium	9-1	144	61	122	109	39.50	cps
Bismuth	209-1	19360925	19416826	19259425	19345725	0.41	cps
Bismuth	209-2	15263791	14248769	14548961	14687174	3.55	cps
Bromine	81-1	15875	16109	15622	15869	1.54	cps
Bromine	81-2	167	137	157	153	9.96	cps
Cadmium	108-1	20	43	23	29	43.68	cps
Cadmium	106-1	10404	10260	10040	10235	1.79	cps
Cadmium	111-1	7465	7255	7082	7267	2.64	cps
Calcium	43-1	1450	1390	1293	1378	5.74	cps
Calcium	44-1	60354	58313	58018	58895	2.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1610	1523	1537	1557	3.00	cps
Cobalt	59-2	320	313	333	322	3.16	cps
Copper	63-2	3761	3370	3247	3459	7.75	cps
Dysprosium	156-1	40	27	33	33	20.00	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	157	120	173	150	18.19	cps
Erbium	164-2	97	73	63	78	22.00	cps
Gadolinium	160-1	137	117	120	124	8.61	cps
Gadolinium	160-2	1127	940	903	990	12.10	cps
Holmium	165-1	33346522	33204964	32825950	33125812	0.81	cps
Holmium	165-2	22451486	21017624	21297736	21588949	3.52	cps
Indium	115-1	29536981	29756927	29411614	29568507	0.59	cps
Indium	115-2	9888438	9366707	9395765	9550303	3.07	cps
Iron	56-2	29893	29045	29526	29488	1.44	cps
Iron	57-2	1763	1793	1760	1772	1.04	cps
Iron	54-2	3907	3994	3867	3923	1.65	cps
Krypton	83-1	333	327	377	346	7.86	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:35:28	DataFile Name :	203CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1943	1717	1440	1700	14.83	cps
Lead	207-1	1810	1347	1260	1472	20.09	cps
Lead	208-1	7938	6601	5617	6719	17.34	cps
Lithium	6-1	2757600	2767383	2715523	2746835	1.00	cps
Magnesium	24-2	2297	2184	2067	2182	5.27	cps
Manganese	55-2	1027	1063	943	1011	6.08	cps
Molybdenum	94-1	2737	2350	2547	2545	7.60	cps
Molybdenum	95-1	2310	1887	1813	2003	13.38	cps
Molybdenum	96-1	2734	2217	2264	2405	11.89	cps
Molybdenum	97-1	1477	1233	1283	1331	9.65	cps
Molybdenum	98-1	3774	3047	3217	3346	11.36	cps
Neodymium	150-1	27	20	10	19	44.42	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	247	220	217	228	7.22	cps
Phosphorus	31-2	227	213	183	208	10.68	cps
Potassium	39-2	88666	86795	86490	87317	1.35	cps
Rhodium	103-1	28834330	28703218	28567976	28701841	0.46	cps
Rhodium	103-2	16567375	15869926	15753409	16063570	2.74	cps
Scandium	45-1	15722461	15744757	15394771	15620663	1.25	cps
Scandium	45-2	1281782	1221769	1242115	1248555	2.44	cps
Selenium	82-1	1601	1503	1561	1555	3.18	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	567	540	517	541	4.62	cps
Silicon	28-1	1363380	1405811	1414393	1394528	1.96	cps
Silver	107-1	1060	837	697	864	21.20	cps
Silver	109-1	940	787	617	781	20.71	cps
Sodium	23-2	77541	75839	74499	75960	2.01	cps
Strontium	86-1	740	757	713	737	2.97	cps
Strontium	88-1	1690	1533	1387	1537	9.87	cps
Sulfur	34-1	265772	268615	270810	268399	0.94	cps
Terbium	159-1	34451137	34157054	34534300	34380830	0.58	cps
Terbium	159-2	22159526	21175950	21200847	21512108	2.61	cps
Thallium	203-1	2487	2007	2034	2176	12.40	cps
Thallium	205-1	5651	5028	4474	5051	11.66	cps
Tin	118-1	4507	4231	4087	4275	5.00	cps
Titanium	47-1	600	323	377	433	33.87	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:35:28	DataFile Name :	203CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	667	337	253	419	52.18	cps
Vanadium	51-2	53	37	40	43	20.34	cps
Yttrium	89-1	39844959	39829079	39702555	39792197	0.20	cps
Yttrium	89-2	9873062	9285375	9340622	9499686	3.42	cps
Zinc	66-2	1627	1760	1720	1702	4.02	cps
Zirconium	90-1	3600	3821	4131	3851	6.92	cps
Zirconium	91-1	757	820	950	842	11.70	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MS	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:38:44	DataFile Name :	204SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29188522	28951296	29266049	29135289	0.56	cps
Antimony	121-1	8146614	8214031	8264289	8208312	0.72	cps
Arsenic	75-2	317565	315018	314781	315788	0.49	cps
Barium	135-1	44879248	44971761	45248114	45033041	0.43	cps
Barium	137-1	76962204	77388906	78593154	77648088	1.09	cps
Beryllium	9-1	319882	313831	303532	312415	2.65	cps
Bismuth	209-1	19091035	19024978	19367398	19161137	0.95	cps
Bismuth	209-2	14575809	14411373	14833774	14606985	1.46	cps
Bromine	81-1	26851	26895	28237	27328	2.88	cps
Bromine	81-2	2484	2660	2537	2560	3.54	cps
Cadmium	108-1	71991	73977	73676	73215	1.46	cps
Cadmium	106-1	110026	112297	112632	111652	1.27	cps
Cadmium	111-1	1084706	1105805	1109011	1099841	1.20	cps
Calcium	43-1	4702729	4566298	4566285	4611771	1.71	cps
Calcium	44-1	75175677	73924742	74312799	74471073	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7495241	7592051	7450469	7512587	0.96	cps
Cobalt	59-2	26628324	26438935	26489075	26518778	0.37	cps
Copper	63-2	10934588	10848130	10835707	10872808	0.50	cps
Dysprosium	156-1	254633	261051	257139	257608	1.26	cps
Dysprosium	156-2	216250	215520	215082	215617	0.27	cps
Erbium	164-1	193209	197587	199524	196773	1.64	cps
Erbium	164-2	131976	132178	132579	132244	0.23	cps
Gadolinium	160-1	238390	241294	242742	240808	0.92	cps
Gadolinium	160-2	171436	171864	170584	171295	0.38	cps
Holmium	165-1	34138344	34178491	34348802	34221879	0.33	cps
Holmium	165-2	22815875	22375596	22684111	22625194	1.00	cps
Indium	115-1	29679526	29831764	29816153	29775814	0.28	cps
Indium	115-2	9803681	9715619	9837066	9785455	0.64	cps
Iron	56-2	916942013	918264360	921152306	918786226	0.23	cps
Iron	57-2	23026148	23044656	23016104	23028969	0.06	cps
Iron	54-2	50494153	50221248	50051333	50255578	0.44	cps
Krypton	83-1	687	720	610	672	8.39	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MS	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:38:44	DataFile Name :	204SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1679338	1704053	1716598	1699996	1.12	cps
Lead	207-1	1430968	1439053	1446026	1438682	0.52	cps
Lead	208-1	6634155	6627663	6702996	6654938	0.63	cps
Lithium	6-1	2597896	2485323	2382902	2488707	4.32	cps
Magnesium	24-2	25501200	25380699	25158333	25346744	0.69	cps
Manganese	55-2	32103863	32308051	31822660	32078191	0.76	cps
Molybdenum	94-1	356232	361027	363319	360192	1.00	cps
Molybdenum	95-1	13370	13570	13199	13380	1.39	cps
Molybdenum	96-1	80966	81609	84023	82199	1.96	cps
Molybdenum	97-1	8209	7762	7969	7980	2.80	cps
Molybdenum	98-1	21496	20818	21499	21271	1.84	cps
Neodymium	150-1	528377	530056	537679	532037	0.93	cps
Neodymium	150-2	301786	300857	299592	300745	0.37	cps
Nickel	60-2	7260355	7265500	7325487	7283780	0.50	cps
Phosphorus	31-2	98917	96408	99162	98162	1.55	cps
Potassium	39-2	9992693	9918648	9983137	9964826	0.40	cps
Rhodium	103-1	28315525	27744453	28172288	28077422	1.06	cps
Rhodium	103-2	16638081	16330289	16370187	16446186	1.02	cps
Scandium	45-1	17077824	16546134	16586452	16736803	1.77	cps
Scandium	45-2	1363582	1352078	1368897	1361519	0.63	cps
Selenium	82-1	138217	139258	139815	139096	0.58	cps
Selenium	77-2	13800	13313	13189	13434	2.40	cps
Selenium	78-2	43547	42762	43417	43242	0.97	cps
Silicon	28-1	61927614	60891122	60248711	61022482	1.39	cps
Silver	107-1	4343473	4353662	4429923	4375686	1.08	cps
Silver	109-1	4129060	4179529	4200171	4169587	0.88	cps
Sodium	23-2	392954	386919	388944	389605	0.79	cps
Strontium	86-1	3221823	3205283	3240209	3222438	0.54	cps
Strontium	88-1	28053270	28152410	28304490	28170056	0.45	cps
Sulfur	34-1	267150	260088	257731	261656	1.87	cps
Terbium	159-1	35047233	35231585	35018863	35099227	0.33	cps
Terbium	159-2	22601462	22353455	22835817	22596911	1.07	cps
Thallium	203-1	3446998	3544491	3528749	3506746	1.49	cps
Thallium	205-1	8180895	8289777	8273809	8248160	0.71	cps
Tin	118-1	68890	69721	71248	69953	1.71	cps
Titanium	47-1	3140408	3160087	3161688	3154061	0.38	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MS	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:38:44	DataFile Name :	204SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	96691	98672	99582	98315	1.50	cps
Vanadium	51-2	15360732	15296937	15270343	15309337	0.30	cps
Yttrium	89-1	44053659	43883124	43753721	43896835	0.34	cps
Yttrium	89-2	10843944	10594686	10652509	10697046	1.22	cps
Zinc	66-2	3483311	3444499	3452894	3460235	0.59	cps
Zirconium	90-1	941532	961912	964872	956105	1.33	cps
Zirconium	91-1	211501	212766	214938	213068	0.82	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-17	Instrumnet Name :	P7
Client Sample ID :	MYE5K6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:41:37	DataFile Name :	205SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14732729	14463024	14515630	14570461	0.98	cps
Antimony	121-1	56019	56511	57016	56515	0.88	cps
Arsenic	75-2	103779	103719	104068	103856	0.18	cps
Barium	135-1	2048264	1997740	2020630	2022211	1.25	cps
Barium	137-1	3480059	3485918	3487097	3484358	0.11	cps
Beryllium	9-1	2139	2317	2056	2171	6.15	cps
Bismuth	209-1	19128371	19386315	19240590	19251759	0.67	cps
Bismuth	209-2	15119023	14981414	15254093	15118177	0.90	cps
Bromine	81-1	42347	44313	45650	44104	3.77	cps
Bromine	81-2	5494	5404	5334	5411	1.48	cps
Cadmium	108-1	790	870	920	860	7.63	cps
Cadmium	106-1	11134	11148	10804	11029	1.76	cps
Cadmium	111-1	15694	15844	15148	15562	2.35	cps
Calcium	43-1	923652	927297	919464	923471	0.42	cps
Calcium	44-1	14393963	14513427	14465096	14457495	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	580778	572313	572443	575178	0.84	cps
Cobalt	59-2	529933	533338	529153	530808	0.42	cps
Copper	63-2	2675873	2670820	2691102	2679265	0.39	cps
Dysprosium	156-1	138373	137775	136728	137625	0.61	cps
Dysprosium	156-2	111693	112543	112382	112206	0.40	cps
Erbium	164-1	104484	104786	103771	104347	0.50	cps
Erbium	164-2	71378	70249	70734	70787	0.80	cps
Gadolinium	160-1	131489	130696	131100	131095	0.30	cps
Gadolinium	160-2	94355	93597	93466	93806	0.51	cps
Holmium	165-1	34494955	33854689	34043220	34130955	0.96	cps
Holmium	165-2	22820012	22809088	22846280	22825127	0.08	cps
Indium	115-1	29574291	29994983	29771932	29780402	0.71	cps
Indium	115-2	10010273	9961713	9939272	9970420	0.36	cps
Iron	56-2	573839098	577195498	571177791	574070796	0.53	cps
Iron	57-2	14227759	14224509	14395084	14282450	0.68	cps
Iron	54-2	31127307	31015142	31133620	31092023	0.21	cps
Krypton	83-1	520	557	510	529	4.65	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-17	Instrumnet Name :	P7
Client Sample ID :	MYE5K6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:41:37	DataFile Name :	205SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1072541	1077379	1082309	1077410	0.45	cps
Lead	207-1	917304	940015	936432	931250	1.31	cps
Lead	208-1	4219344	4271974	4274428	4255249	0.73	cps
Lithium	6-1	2404070	2357145	2365478	2375564	1.05	cps
Magnesium	24-2	10273893	10335341	10166875	10258703	0.83	cps
Manganese	55-2	11276310	11315823	11345322	11312485	0.31	cps
Molybdenum	94-1	103623	106393	105644	105220	1.36	cps
Molybdenum	95-1	16776	16289	16723	16596	1.61	cps
Molybdenum	96-1	38588	39520	40640	39582	2.60	cps
Molybdenum	97-1	10310	10297	10217	10275	0.49	cps
Molybdenum	98-1	25906	25983	26454	26115	1.14	cps
Neodymium	150-1	266193	267145	267065	266801	0.20	cps
Neodymium	150-2	153826	150410	151114	151783	1.19	cps
Nickel	60-2	213667	212500	212403	212857	0.33	cps
Phosphorus	31-2	43953	44023	44642	44206	0.86	cps
Potassium	39-2	8740428	8710478	8724866	8725257	0.17	cps
Rhodium	103-1	28277469	28802241	28583524	28554411	0.92	cps
Rhodium	103-2	16720631	16834884	16708857	16754790	0.42	cps
Scandium	45-1	15966837	16068116	16359369	16131440	1.26	cps
Scandium	45-2	1351896	1346106	1342000	1346667	0.37	cps
Selenium	82-1	2163	2166	2029	2119	3.70	cps
Selenium	77-2	487	523	533	514	4.78	cps
Selenium	78-2	957	910	1040	969	6.80	cps
Silicon	28-1	49106404	49302766	49059091	49156087	0.26	cps
Silver	107-1	14517	13990	13626	14045	3.19	cps
Silver	109-1	13773	13640	13263	13559	1.95	cps
Sodium	23-2	396402	396885	400886	398058	0.62	cps
Strontium	86-1	1115688	1133797	1134796	1128094	0.95	cps
Strontium	88-1	9988590	10022156	10045189	10018645	0.28	cps
Sulfur	34-1	277244	273396	266425	272355	2.01	cps
Terbium	159-1	34851240	34931016	35405460	35062572	0.85	cps
Terbium	159-2	22938997	22625139	22778679	22780938	0.69	cps
Thallium	203-1	7989	7559	7382	7643	4.08	cps
Thallium	205-1	18997	18856	18336	18730	1.86	cps
Tin	118-1	59486	60336	60767	60196	1.08	cps
Titanium	47-1	1902125	1927400	1908557	1912694	0.69	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-17	Instrumnet Name :	P7
Client Sample ID :	MYE5K6	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:41:37	DataFile Name :	205SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	58665	58802	59874	59114	1.12	cps
Vanadium	51-2	911919	908569	909475	909988	0.19	cps
Yttrium	89-1	42318084	42301356	41900541	42173327	0.56	cps
Yttrium	89-2	10510698	10507454	10400383	10472845	0.60	cps
Zinc	66-2	433223	434762	433648	433878	0.18	cps
Zirconium	90-1	254717	259622	262204	258848	1.47	cps
Zirconium	91-1	56154	58519	59225	57966	2.78	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-18	Instrumnet Name :	P7
Client Sample ID :	MYE5K7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:44:40	DataFile Name :	206SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14893789	14747967	14633562	14758439	0.88	cps
Antimony	121-1	39548	39253	40677	39826	1.89	cps
Arsenic	75-2	108734	109275	109430	109147	0.33	cps
Barium	135-1	2151876	2104875	2114735	2123829	1.17	cps
Barium	137-1	3582133	3576790	3669394	3609439	1.44	cps
Beryllium	9-1	2428	2417	2189	2345	5.75	cps
Bismuth	209-1	19158007	19840953	20289057	19762672	2.88	cps
Bismuth	209-2	15396239	15442587	15156235	15331687	1.00	cps
Bromine	81-1	30789	30445	31413	30882	1.59	cps
Bromine	81-2	2880	3020	3027	2976	2.78	cps
Cadmium	108-1	973	960	950	961	1.22	cps
Cadmium	106-1	11218	11338	11551	11369	1.49	cps
Cadmium	111-1	15930	16374	16627	16311	2.16	cps
Calcium	43-1	700661	704959	706631	704084	0.44	cps
Calcium	44-1	10936792	11081923	11152164	11056960	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	579648	577899	580405	579317	0.22	cps
Cobalt	59-2	557384	547990	553835	553070	0.86	cps
Copper	63-2	2634073	2627121	2647559	2636251	0.39	cps
Dysprosium	156-1	146135	145841	145026	145668	0.39	cps
Dysprosium	156-2	118232	118454	118908	118531	0.29	cps
Erbium	164-1	110647	110762	111658	111022	0.50	cps
Erbium	164-2	75331	74886	74761	74993	0.40	cps
Gadolinium	160-1	137672	140099	139735	139168	0.94	cps
Gadolinium	160-2	98970	98899	98141	98670	0.47	cps
Holmium	165-1	33104294	34696988	34747159	34182814	2.73	cps
Holmium	165-2	22936125	23042172	22912830	22963709	0.30	cps
Indium	115-1	29500576	30327395	30727961	30185311	2.07	cps
Indium	115-2	10112008	10096605	10089514	10099376	0.11	cps
Iron	56-2	576378738	569239778	575204751	573607756	0.67	cps
Iron	57-2	14274788	13984608	14364461	14207952	1.40	cps
Iron	54-2	31332894	30860890	31256967	31150250	0.81	cps
Krypton	83-1	487	533	430	483	10.71	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-18	Instrumnet Name :	P7
Client Sample ID :	MYE5K7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:44:40	DataFile Name :	206SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1126161	1151473	1162287	1146640	1.62	cps
Lead	207-1	975087	1000514	994287	989963	1.34	cps
Lead	208-1	4436525	4497995	4515979	4483500	0.93	cps
Lithium	6-1	2461125	2456861	2264160	2394049	4.70	cps
Magnesium	24-2	9832753	9723821	9741753	9766109	0.60	cps
Manganese	55-2	12250664	12215717	12413158	12293180	0.86	cps
Molybdenum	94-1	108917	108689	109602	109070	0.44	cps
Molybdenum	95-1	13173	13446	13386	13335	1.08	cps
Molybdenum	96-1	36733	37191	38043	37322	1.78	cps
Molybdenum	97-1	8469	8493	8312	8425	1.16	cps
Molybdenum	98-1	20411	20922	21660	20997	2.99	cps
Neodymium	150-1	280461	283958	280481	281634	0.71	cps
Neodymium	150-2	160536	158664	158830	159343	0.65	cps
Nickel	60-2	231694	229584	229236	230171	0.58	cps
Phosphorus	31-2	58120	57324	57407	57617	0.76	cps
Potassium	39-2	9642594	9503750	9484598	9543648	0.90	cps
Rhodium	103-1	28084701	28880122	29349203	28771342	2.22	cps
Rhodium	103-2	17172642	17071636	17120411	17121563	0.30	cps
Scandium	45-1	15652264	16388027	16427729	16156007	2.70	cps
Scandium	45-2	1364385	1344408	1341338	1350044	0.93	cps
Selenium	82-1	2125	2110	2192	2142	2.05	cps
Selenium	77-2	560	607	510	559	8.65	cps
Selenium	78-2	927	947	1023	966	5.28	cps
Silicon	28-1	70158244	70134999	70232407	70175217	0.07	cps
Silver	107-1	15145	15942	15669	15585	2.60	cps
Silver	109-1	14637	15035	15231	14968	2.02	cps
Sodium	23-2	217714	212804	213862	214793	1.20	cps
Strontium	86-1	739697	752067	748858	746874	0.86	cps
Strontium	88-1	6569627	6624800	6596953	6597127	0.42	cps
Sulfur	34-1	242790	236976	233568	237778	1.96	cps
Terbium	159-1	34549809	35708823	35882492	35380375	2.05	cps
Terbium	159-2	23481390	23215188	23009935	23235504	1.02	cps
Thallium	203-1	6688	6888	6935	6837	1.92	cps
Thallium	205-1	15873	15793	15883	15849	0.31	cps
Tin	118-1	54918	55804	55279	55333	0.81	cps
Titanium	47-1	1767555	1834090	1790410	1797352	1.88	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-18	Instrumnet Name :	P7
Client Sample ID :	MYE5K7	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:44:40	DataFile Name :	206SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46029	47153	46886	46689	1.26	cps
Vanadium	51-2	894742	888436	886838	890005	0.47	cps
Yttrium	89-1	41121163	43585889	43089334	42598795	3.06	cps
Yttrium	89-2	10562310	10415429	10497966	10491902	0.70	cps
Zinc	66-2	482291	476481	478657	479143	0.61	cps
Zirconium	90-1	271155	280268	280534	277319	1.93	cps
Zirconium	91-1	60183	61695	62710	61529	2.07	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-19	Instrumnet Name :	P7
Client Sample ID :	MYE5K8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:47:43	DataFile Name :	207SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12610118	12513852	12562782	12562251	0.38	cps
Antimony	121-1	39277	40082	40577	39979	1.64	cps
Arsenic	75-2	116624	116590	117067	116760	0.23	cps
Barium	135-1	2718646	2737494	2685186	2713775	0.98	cps
Barium	137-1	4586719	4665210	4660014	4637314	0.95	cps
Beryllium	9-1	1489	1606	1595	1563	4.12	cps
Bismuth	209-1	20039250	19857000	19785822	19894024	0.66	cps
Bismuth	209-2	15198462	15190325	15180397	15189728	0.06	cps
Bromine	81-1	54761	57555	58940	57085	3.73	cps
Bromine	81-2	7799	7652	7372	7608	2.85	cps
Cadmium	108-1	717	730	663	703	5.02	cps
Cadmium	106-1	11355	11551	10794	11233	3.50	cps
Cadmium	111-1	13154	13239	12853	13082	1.55	cps
Calcium	43-1	1574973	1561826	1562985	1566595	0.46	cps
Calcium	44-1	25151463	25469254	25341101	25320606	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	868409	868349	866392	867717	0.13	cps
Cobalt	59-2	693023	691649	693314	692662	0.13	cps
Copper	63-2	1248330	1248291	1260361	1252328	0.56	cps
Dysprosium	156-1	123783	123729	127189	124900	1.59	cps
Dysprosium	156-2	101439	102672	103004	102372	0.81	cps
Erbium	164-1	90816	92715	93631	92387	1.55	cps
Erbium	164-2	62412	63724	62419	62851	1.20	cps
Gadolinium	160-1	115797	118066	116957	116940	0.97	cps
Gadolinium	160-2	84348	84583	84308	84413	0.18	cps
Holmium	165-1	34724550	34707626	34682287	34704821	0.06	cps
Holmium	165-2	22991655	22757715	22863666	22871012	0.51	cps
Indium	115-1	30226766	30420562	30792301	30479876	0.94	cps
Indium	115-2	10046416	10070579	9995448	10037481	0.38	cps
Iron	56-2	574327551	574801698	573614231	574247827	0.10	cps
Iron	57-2	14316436	14237281	14238554	14264090	0.32	cps
Iron	54-2	31212525	31077040	31030490	31106685	0.30	cps
Krypton	83-1	457	457	473	462	2.08	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-19	Instrumnet Name :	P7
Client Sample ID :	MYE5K8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:47:43	DataFile Name :	207SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	333529	334077	341035	336214	1.24	cps
Lead	207-1	277274	283754	283485	281504	1.30	cps
Lead	208-1	1283076	1305179	1307841	1298698	1.05	cps
Lithium	6-1	2423496	2337070	2335338	2365301	2.13	cps
Magnesium	24-2	14352792	14345505	14297096	14331798	0.21	cps
Manganese	55-2	19111696	19028863	19209712	19116757	0.47	cps
Molybdenum	94-1	80637	82946	83057	82213	1.66	cps
Molybdenum	95-1	21302	21973	21763	21679	1.58	cps
Molybdenum	96-1	40299	41900	41402	41200	1.99	cps
Molybdenum	97-1	13403	13463	13530	13465	0.47	cps
Molybdenum	98-1	32803	34304	33953	33687	2.33	cps
Neodymium	150-1	227776	230399	231420	229865	0.82	cps
Neodymium	150-2	130730	130854	130948	130844	0.08	cps
Nickel	60-2	306092	303990	308726	306269	0.77	cps
Phosphorus	31-2	47290	45915	46818	46674	1.50	cps
Potassium	39-2	6184501	6331011	6231200	6248904	1.20	cps
Rhodium	103-1	29462160	29438123	29510024	29470102	0.12	cps
Rhodium	103-2	17259806	17076811	16925380	17087333	0.98	cps
Scandium	45-1	16251349	16369781	16205271	16275467	0.52	cps
Scandium	45-2	1336352	1337983	1360897	1345077	1.02	cps
Selenium	82-1	2331	2221	2380	2311	3.52	cps
Selenium	77-2	500	527	447	491	8.29	cps
Selenium	78-2	940	1023	903	956	6.44	cps
Silicon	28-1	65662351	65740212	66010087	65804217	0.28	cps
Silver	107-1	2747	2984	3060	2930	5.57	cps
Silver	109-1	2754	2660	2657	2690	2.04	cps
Sodium	23-2	594094	605137	603223	600818	0.98	cps
Strontium	86-1	1528669	1512062	1520104	1520278	0.55	cps
Strontium	88-1	13288601	13676590	13453265	13472819	1.45	cps
Sulfur	34-1	286994	291713	292151	290286	0.99	cps
Terbium	159-1	35764344	36809381	35955853	36176526	1.54	cps
Terbium	159-2	23030967	23189782	22982353	23067701	0.47	cps
Thallium	203-1	6248	6432	6548	6409	2.36	cps
Thallium	205-1	15098	14892	15649	15213	2.57	cps
Tin	118-1	43997	44596	45394	44662	1.57	cps
Titanium	47-1	1203894	1236775	1246883	1229184	1.83	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-19	Instrumnet Name :	P7
Client Sample ID :	MYE5K8	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:47:43	DataFile Name :	207SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70398	70891	70274	70521	0.46	cps
Vanadium	51-2	929607	924488	919934	924676	0.52	cps
Yttrium	89-1	42810304	43001991	43031393	42947896	0.28	cps
Yttrium	89-2	10554665	10438448	10517773	10503628	0.57	cps
Zinc	66-2	426838	426738	426648	426741	0.02	cps
Zirconium	90-1	188078	192481	193521	191360	1.51	cps
Zirconium	91-1	42682	42618	43207	42836	0.75	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-20	Instrumnet Name :	P7
Client Sample ID :	MYE5K9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:50:47	DataFile Name :	208SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14828953	14813837	14720771	14787854	0.40	cps
Antimony	121-1	58237	59951	61066	59751	2.38	cps
Arsenic	75-2	115663	116086	114964	115571	0.49	cps
Barium	135-1	2504490	2554958	2534597	2531348	1.00	cps
Barium	137-1	4292730	4392686	4423290	4369569	1.56	cps
Beryllium	9-1	1956	2078	1883	1972	4.98	cps
Bismuth	209-1	20215632	19799475	20009011	20008039	1.04	cps
Bismuth	209-2	15240836	15197109	15146058	15194668	0.31	cps
Bromine	81-1	29008	29149	30568	29575	2.92	cps
Bromine	81-2	2537	2587	2480	2535	2.11	cps
Cadmium	108-1	533	693	733	653	16.20	cps
Cadmium	106-1	11521	11248	11284	11351	1.31	cps
Cadmium	111-1	11559	11442	11373	11458	0.82	cps
Calcium	43-1	1173379	1201936	1200110	1191808	1.34	cps
Calcium	44-1	18494667	18915563	18739067	18716432	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	898564	898082	897816	898154	0.04	cps
Cobalt	59-2	689933	693059	691959	691650	0.23	cps
Copper	63-2	1591568	1596311	1572045	1586641	0.81	cps
Dysprosium	156-1	154682	159535	160718	158312	2.02	cps
Dysprosium	156-2	128159	130002	130207	129456	0.87	cps
Erbium	164-1	112805	119442	118333	116860	3.04	cps
Erbium	164-2	79434	79454	79153	79347	0.21	cps
Gadolinium	160-1	146555	149539	152389	149494	1.95	cps
Gadolinium	160-2	106974	105950	108597	107174	1.25	cps
Holmium	165-1	35339086	34230953	34958205	34842748	1.62	cps
Holmium	165-2	23070538	23156398	23050197	23092378	0.24	cps
Indium	115-1	30684774	30415622	30394367	30498254	0.53	cps
Indium	115-2	9965095	9918316	10054274	9979228	0.69	cps
Iron	56-2	680973150	676705977	682798856	680159328	0.46	cps
Iron	57-2	16806309	16898083	16822287	16842227	0.29	cps
Iron	54-2	36777747	36821329	36825942	36808339	0.07	cps
Krypton	83-1	467	587	483	512	12.69	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-20	Instrumnet Name :	P7
Client Sample ID :	MYE5K9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:50:47	DataFile Name :	208SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	367319	382788	384426	378178	2.50	cps
Lead	207-1	306144	315481	317313	312979	1.91	cps
Lead	208-1	1420537	1468195	1479863	1456198	2.16	cps
Lithium	6-1	2506243	2366062	2345219	2405841	3.64	cps
Magnesium	24-2	13764917	13845988	14053689	13888198	1.07	cps
Manganese	55-2	17366524	17369264	17417428	17384406	0.16	cps
Molybdenum	94-1	144095	152447	150467	149003	2.93	cps
Molybdenum	95-1	18151	18312	17974	18146	0.93	cps
Molybdenum	96-1	49136	50885	50848	50289	1.99	cps
Molybdenum	97-1	11078	11438	11832	11449	3.29	cps
Molybdenum	98-1	28558	28788	28802	28716	0.48	cps
Neodymium	150-1	287601	297200	299745	294849	2.17	cps
Neodymium	150-2	167793	166699	166384	166958	0.44	cps
Nickel	60-2	315861	317595	316110	316522	0.30	cps
Phosphorus	31-2	56902	55758	56711	56457	1.09	cps
Potassium	39-2	7271941	7293819	7307357	7291039	0.25	cps
Rhodium	103-1	29808639	29327855	29036150	29390881	1.33	cps
Rhodium	103-2	17030879	17014790	17145220	17063629	0.42	cps
Scandium	45-1	16837555	16494268	16347541	16559788	1.52	cps
Scandium	45-2	1371483	1335634	1348540	1351886	1.34	cps
Selenium	82-1	2143	2161	2127	2144	0.79	cps
Selenium	77-2	567	493	530	530	6.92	cps
Selenium	78-2	913	1003	1030	982	6.22	cps
Silicon	28-1	56536171	57355446	56354987	56748868	0.94	cps
Silver	107-1	4357	4431	4557	4449	2.28	cps
Silver	109-1	4081	3977	4331	4130	4.40	cps
Sodium	23-2	322508	323767	325890	324055	0.53	cps
Strontium	86-1	803319	830748	832805	822291	2.00	cps
Strontium	88-1	7112030	7263592	7342636	7239419	1.62	cps
Sulfur	34-1	244665	240947	238073	241228	1.37	cps
Terbium	159-1	36441724	35809244	35404655	35885208	1.46	cps
Terbium	159-2	23124945	22945305	23099202	23056484	0.42	cps
Thallium	203-1	4347	4634	4664	4549	3.84	cps
Thallium	205-1	10231	10838	11335	10801	5.12	cps
Tin	118-1	54068	56316	55406	55263	2.05	cps
Titanium	47-1	1663382	1652826	1632635	1649614	0.95	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-20	Instrumnet Name :	P7
Client Sample ID :	MYE5K9	Dilution Factor :	1
Date & Time Acquired :	2024-11-12 23:50:47	DataFile Name :	208SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	68807	70271	70901	69993	1.54	cps
Vanadium	51-2	1023382	1019078	1020987	1021149	0.21	cps
Yttrium	89-1	43730981	43152536	42940038	43274518	0.95	cps
Yttrium	89-2	10431666	10576216	10569939	10525940	0.78	cps
Zinc	66-2	403765	403438	399006	402069	0.66	cps
Zirconium	90-1	366630	379824	382373	376276	2.25	cps
Zirconium	91-1	81143	84722	85611	83825	2.82	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:53:53	DataFile Name :	209SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3050296	3020554	3030100	3033650	0.50	cps
Antimony	121-1	8986	9096	8726	8936	2.13	cps
Arsenic	75-2	24771	24490	24197	24486	1.17	cps
Barium	135-1	480943	487952	483645	484180	0.73	cps
Barium	137-1	838685	840489	829529	836234	0.70	cps
Beryllium	9-1	422	411	539	457	15.48	cps
Bismuth	209-1	19895522	20047471	20156068	20033020	0.65	cps
Bismuth	209-2	15316092	15229514	15445292	15330299	0.71	cps
Bromine	81-1	19990	20671	20264	20309	1.69	cps
Bromine	81-2	817	810	1010	879	12.93	cps
Cadmium	108-1	207	200	173	193	9.12	cps
Cadmium	106-1	10267	10084	9520	9957	3.91	cps
Cadmium	111-1	8896	8829	8336	8687	3.52	cps
Calcium	43-1	143663	142269	143834	143255	0.60	cps
Calcium	44-1	2321877	2304127	2275490	2300498	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	183209	183040	183394	183215	0.10	cps
Cobalt	59-2	139616	138882	139962	139487	0.40	cps
Copper	63-2	608003	606179	607928	607370	0.17	cps
Dysprosium	156-1	31505	31903	31823	31744	0.66	cps
Dysprosium	156-2	25483	25817	25754	25685	0.69	cps
Erbium	164-1	24902	24822	24515	24746	0.83	cps
Erbium	164-2	16650	16423	16123	16399	1.61	cps
Gadolinium	160-1	30056	30727	31014	30599	1.61	cps
Gadolinium	160-2	22375	22799	21994	22389	1.80	cps
Holmium	165-1	34486492	34548102	34465027	34499874	0.12	cps
Holmium	165-2	22916795	22634720	22655574	22735696	0.69	cps
Indium	115-1	30428520	30539666	30258163	30408783	0.47	cps
Indium	115-2	10156747	9992529	10071178	10073485	0.82	cps
Iron	56-2	148262964	145324575	145962908	146516816	1.05	cps
Iron	57-2	3612859	3594075	3611540	3606158	0.29	cps
Iron	54-2	7946663	7878098	7963944	7929568	0.57	cps
Krypton	83-1	503	327	460	430	21.41	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:53:53	DataFile Name :	209SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	202746	203812	202842	203133	0.29	cps
Lead	207-1	174681	175580	176315	175525	0.47	cps
Lead	208-1	800750	800594	801465	800936	0.06	cps
Lithium	6-1	2563276	2571825	2544662	2559921	0.54	cps
Magnesium	24-2	2873192	2852476	2829195	2851621	0.77	cps
Manganese	55-2	3457299	3458723	3452965	3456329	0.09	cps
Molybdenum	94-1	26330	26260	26027	26206	0.61	cps
Molybdenum	95-1	3751	3854	3650	3752	2.71	cps
Molybdenum	96-1	9413	9587	9303	9434	1.52	cps
Molybdenum	97-1	2264	2240	2424	2309	4.32	cps
Molybdenum	98-1	5861	5748	5995	5868	2.11	cps
Neodymium	150-1	58002	58558	58086	58215	0.51	cps
Neodymium	150-2	33446	33122	33049	33206	0.64	cps
Nickel	60-2	63905	63202	63413	63507	0.57	cps
Phosphorus	31-2	11805	11064	11501	11457	3.25	cps
Potassium	39-2	2109487	2103561	2108528	2107192	0.15	cps
Rhodium	103-1	29487337	29633945	29509216	29543499	0.27	cps
Rhodium	103-2	17214136	16958242	17142658	17105012	0.77	cps
Scandium	45-1	16128951	16248546	15989385	16122294	0.80	cps
Scandium	45-2	1328182	1318641	1310351	1319058	0.68	cps
Selenium	82-1	1846	1993	1911	1917	3.85	cps
Selenium	77-2	150	87	127	121	26.45	cps
Selenium	78-2	550	683	650	628	11.05	cps
Silicon	28-1	17894290	17967563	18004906	17955586	0.31	cps
Silver	107-1	3280	3320	3327	3309	0.76	cps
Silver	109-1	3037	2897	3090	3008	3.32	cps
Sodium	23-2	115069	116312	119644	117008	2.02	cps
Strontium	86-1	92642	91858	92112	92204	0.43	cps
Strontium	88-1	802439	803971	806041	804150	0.22	cps
Sulfur	34-1	198333	197975	197576	197961	0.19	cps
Terbium	159-1	35776138	35453737	35687357	35639077	0.47	cps
Terbium	159-2	23116759	22871155	22865615	22951176	0.62	cps
Thallium	203-1	1207	1393	1293	1298	7.20	cps
Thallium	205-1	3377	3330	3397	3368	1.02	cps
Tin	118-1	15468	14654	15902	15342	4.13	cps
Titanium	47-1	412845	410472	409746	411021	0.39	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:53:53	DataFile Name :	209SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10288	9944	9820	10017	2.42	cps
Vanadium	51-2	206685	206016	204891	205864	0.44	cps
Yttrium	89-1	41970884	41644648	41335285	41650272	0.76	cps
Yttrium	89-2	10211165	10170997	10130405	10170856	0.40	cps
Zinc	66-2	113504	111875	111220	112200	1.05	cps
Zirconium	90-1	65683	65857	65576	65705	0.22	cps
Zirconium	91-1	14410	14324	14360	14365	0.30	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:57:03	DataFile Name :	210SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3269981	3179817	3185849	3211882	1.57	cps
Antimony	121-1	9160	9677	9330	9389	2.81	cps
Arsenic	75-2	25909	25452	25833	25731	0.95	cps
Barium	135-1	508335	507301	507930	507855	0.10	cps
Barium	137-1	869478	866742	883251	873157	1.01	cps
Beryllium	9-1	489	589	589	556	10.39	cps
Bismuth	209-1	19754938	19775771	20007533	19846080	0.71	cps
Bismuth	209-2	15439819	15250056	15456822	15382232	0.75	cps
Bromine	81-1	19303	20521	20364	20063	3.30	cps
Bromine	81-2	920	887	863	890	3.20	cps
Cadmium	108-1	250	187	257	231	16.72	cps
Cadmium	106-1	9817	10004	9340	9720	3.52	cps
Cadmium	111-1	8577	8962	8312	8617	3.80	cps
Calcium	43-1	146658	149330	146974	147654	0.99	cps
Calcium	44-1	2305667	2325753	2355039	2328820	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	189015	186694	187426	187712	0.63	cps
Cobalt	59-2	148257	148399	147780	148145	0.22	cps
Copper	63-2	647542	640588	641899	643343	0.57	cps
Dysprosium	156-1	32721	33109	33276	33035	0.86	cps
Dysprosium	156-2	26846	26335	27203	26794	1.63	cps
Erbium	164-1	25951	25326	25330	25536	1.41	cps
Erbium	164-2	17020	17084	16964	17023	0.35	cps
Gadolinium	160-1	31178	31686	31205	31356	0.91	cps
Gadolinium	160-2	24131	22495	22381	23002	4.26	cps
Holmium	165-1	34152204	34137543	34039654	34109800	0.18	cps
Holmium	165-2	23066573	22458786	22823615	22782991	1.34	cps
Indium	115-1	30140690	29830973	30076795	30016153	0.54	cps
Indium	115-2	10017578	10066581	10074797	10052985	0.31	cps
Iron	56-2	151905404	152247671	150731834	151628303	0.52	cps
Iron	57-2	3807233	3745927	3774295	3775819	0.81	cps
Iron	54-2	8237489	8251927	8278230	8255882	0.25	cps
Krypton	83-1	383	340	377	367	6.36	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:57:03	DataFile Name :	210SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	211169	213696	213886	212917	0.71	cps
Lead	207-1	185643	185918	183955	185172	0.57	cps
Lead	208-1	837618	837012	838576	837735	0.09	cps
Lithium	6-1	2631055	2607463	2627571	2622030	0.49	cps
Magnesium	24-2	3083560	3004324	2999184	3029023	1.56	cps
Manganese	55-2	3585386	3648130	3634108	3622541	0.91	cps
Molybdenum	94-1	26521	27048	27273	26947	1.43	cps
Molybdenum	95-1	3824	3734	3741	3766	1.33	cps
Molybdenum	96-1	9910	9873	9923	9902	0.26	cps
Molybdenum	97-1	2470	2307	2354	2377	3.54	cps
Molybdenum	98-1	5991	6151	6038	6060	1.36	cps
Neodymium	150-1	60000	61731	60533	60755	1.46	cps
Neodymium	150-2	33730	33938	34332	34000	0.90	cps
Nickel	60-2	67059	66091	66915	66688	0.78	cps
Phosphorus	31-2	12428	12242	12212	12294	0.96	cps
Potassium	39-2	2173165	2200025	2209661	2194284	0.86	cps
Rhodium	103-1	28984305	29226164	28867841	29026103	0.63	cps
Rhodium	103-2	17047371	16898888	16829989	16925416	0.66	cps
Scandium	45-1	16122700	15969891	15930709	16007767	0.63	cps
Scandium	45-2	1307960	1292904	1281988	1294284	1.01	cps
Selenium	82-1	1880	1877	1845	1867	1.06	cps
Selenium	77-2	130	137	137	134	2.86	cps
Selenium	78-2	603	640	680	641	5.98	cps
Silicon	28-1	18684224	18690131	18439716	18604690	0.77	cps
Silver	107-1	3394	3144	3510	3349	5.59	cps
Silver	109-1	3130	2954	3217	3100	4.33	cps
Sodium	23-2	113357	114441	113954	113917	0.48	cps
Strontium	86-1	96276	95040	94987	95434	0.76	cps
Strontium	88-1	833537	838542	836404	836161	0.30	cps
Sulfur	34-1	196591	196992	193445	195676	0.99	cps
Terbium	159-1	35691699	35914710	35447670	35684693	0.65	cps
Terbium	159-2	23146276	22411757	22737820	22765284	1.62	cps
Thallium	203-1	1423	1370	1410	1401	1.98	cps
Thallium	205-1	3367	3287	3287	3314	1.39	cps
Tin	118-1	15619	15725	15635	15660	0.37	cps
Titanium	47-1	421754	425811	423290	423619	0.48	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-12 23:57:03	DataFile Name :	210SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10484	10224	10658	10455	2.09	cps
Vanadium	51-2	215879	213330	213969	214393	0.62	cps
Yttrium	89-1	41093118	41128659	40813101	41011626	0.42	cps
Yttrium	89-2	10154124	10059019	9972275	10061806	0.90	cps
Zinc	66-2	118196	117391	117595	117727	0.36	cps
Zirconium	90-1	66248	66570	65425	66081	0.89	cps
Zirconium	91-1	14764	14581	14961	14769	1.29	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:00:14	DataFile Name :	211SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	582807	584721	589331	585620	0.57	cps
Antimony	121-1	1800	1707	1873	1793	4.66	cps
Arsenic	75-2	4724	4814	4711	4750	1.18	cps
Barium	135-1	91207	92169	92911	92095	0.93	cps
Barium	137-1	157607	161472	157747	158942	1.38	cps
Beryllium	9-1	150	150	133	144	6.66	cps
Bismuth	209-1	18862082	19871589	19728423	19487365	2.80	cps
Bismuth	209-2	15435157	15665504	15495221	15531961	0.77	cps
Bromine	81-1	17430	17160	17103	17231	1.01	cps
Bromine	81-2	303	283	307	298	4.24	cps
Cadmium	108-1	57	57	57	57	0.00	cps
Cadmium	106-1	9617	9477	9350	9481	1.41	cps
Cadmium	111-1	7052	7101	6959	7037	1.03	cps
Calcium	43-1	28143	28717	28039	28300	1.29	cps
Calcium	44-1	491930	500208	499292	497143	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36447	36167	36655	36423	0.67	cps
Cobalt	59-2	27044	27078	27278	27133	0.47	cps
Copper	63-2	118777	119307	119093	119059	0.22	cps
Dysprosium	156-1	5878	5881	6208	5989	3.17	cps
Dysprosium	156-2	5018	5101	4941	5020	1.59	cps
Erbium	164-1	4914	4758	4784	4819	1.74	cps
Erbium	164-2	3567	3240	3024	3277	8.35	cps
Gadolinium	160-1	5695	5871	6298	5955	5.21	cps
Gadolinium	160-2	5388	5314	5158	5287	2.22	cps
Holmium	165-1	32210200	33925750	33959649	33365200	3.00	cps
Holmium	165-2	22874723	22569352	22588606	22677560	0.75	cps
Indium	115-1	29072606	30015942	30430590	29839713	2.33	cps
Indium	115-2	10046772	10126063	10106600	10093145	0.41	cps
Iron	56-2	28080065	27924180	27885556	27963267	0.37	cps
Iron	57-2	722291	715518	714094	717301	0.61	cps
Iron	54-2	1539802	1522586	1524048	1528812	0.62	cps
Krypton	83-1	363	410	450	408	10.64	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:00:14	DataFile Name :	211SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39902	39531	39491	39641	0.57	cps
Lead	207-1	33317	34514	32746	33526	2.69	cps
Lead	208-1	155175	155275	153307	154585	0.72	cps
Lithium	6-1	2643165	2790283	2700599	2711349	2.73	cps
Magnesium	24-2	545142	540094	540926	542054	0.50	cps
Manganese	55-2	654818	655623	653392	654611	0.17	cps
Molybdenum	94-1	5548	5348	5604	5500	2.45	cps
Molybdenum	95-1	857	793	743	798	7.12	cps
Molybdenum	96-1	2003	1883	2000	1962	3.48	cps
Molybdenum	97-1	473	467	513	484	5.21	cps
Molybdenum	98-1	1113	1213	1257	1195	6.15	cps
Neodymium	150-1	11084	11288	11118	11163	0.98	cps
Neodymium	150-2	6168	6265	6275	6236	0.95	cps
Nickel	60-2	12655	12585	12829	12690	0.99	cps
Phosphorus	31-2	2294	2564	2454	2437	5.57	cps
Potassium	39-2	487271	482819	482326	484139	0.56	cps
Rhodium	103-1	28236134	28887615	29201283	28775010	1.71	cps
Rhodium	103-2	16917801	17126253	17060407	17034820	0.63	cps
Scandium	45-1	15340285	16124312	16160692	15875097	2.92	cps
Scandium	45-2	1323424	1323849	1292563	1313279	1.37	cps
Selenium	82-1	1745	1740	1749	1745	0.27	cps
Selenium	77-2	33	23	20	26	27.15	cps
Selenium	78-2	570	560	607	579	4.24	cps
Silicon	28-1	4559931	4623404	4642802	4608712	0.94	cps
Silver	107-1	883	813	823	840	4.51	cps
Silver	109-1	577	633	670	627	7.50	cps
Sodium	23-2	72312	72560	70979	71950	1.18	cps
Strontium	86-1	17968	18168	18622	18253	1.84	cps
Strontium	88-1	152474	152639	152973	152695	0.17	cps
Sulfur	34-1	188284	189216	189661	189054	0.37	cps
Terbium	159-1	33395272	34471418	34901840	34256177	2.27	cps
Terbium	159-2	22667426	22774078	22639091	22693531	0.31	cps
Thallium	203-1	627	553	517	566	9.90	cps
Thallium	205-1	1400	1490	1293	1395	7.06	cps
Tin	118-1	5741	6115	6095	5984	3.51	cps
Titanium	47-1	79504	80754	79397	79885	0.94	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:00:14	DataFile Name :	211SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1994	2004	1913	1970	2.50	cps
Vanadium	51-2	39081	39401	38857	39113	0.70	cps
Yttrium	89-1	39305152	40837538	41284813	40475834	2.57	cps
Yttrium	89-2	10019209	10079673	10063404	10054095	0.31	cps
Zinc	66-2	22898	22951	23251	23033	0.83	cps
Zirconium	90-1	13626	14250	14003	13960	2.25	cps
Zirconium	91-1	3150	2934	3204	3096	4.62	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:03:28	DataFile Name :	212SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3325134	3254470	3328593	3302733	1.27	cps
Antimony	121-1	440048	444121	444227	442799	0.54	cps
Arsenic	75-2	33722	32973	33408	33368	1.13	cps
Barium	135-1	2634664	2657364	2607285	2633104	0.95	cps
Barium	137-1	4454760	4530026	4497413	4494066	0.84	cps
Beryllium	9-1	19234	19529	18734	19166	2.10	cps
Bismuth	209-1	19731753	19706695	20039000	19825816	0.93	cps
Bismuth	209-2	15434782	15302439	15209764	15315662	0.74	cps
Bromine	81-1	19693	19650	20127	19823	1.33	cps
Bromine	81-2	790	837	873	833	5.01	cps
Cadmium	108-1	3971	4121	4151	4081	2.36	cps
Cadmium	106-1	15835	15572	14804	15404	3.48	cps
Cadmium	111-1	66729	66925	66943	66866	0.18	cps
Calcium	43-1	145429	144470	144405	144768	0.40	cps
Calcium	44-1	2321566	2322093	2285999	2309886	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	537910	534658	532436	535001	0.51	cps
Cobalt	59-2	1566560	1593125	1572242	1577309	0.89	cps
Copper	63-2	1117831	1117825	1123706	1119788	0.30	cps
Dysprosium	156-1	31382	31626	32070	31692	1.10	cps
Dysprosium	156-2	25870	26141	25657	25889	0.94	cps
Erbium	164-1	24458	24037	24588	24361	1.18	cps
Erbium	164-2	16370	16296	16456	16374	0.49	cps
Gadolinium	160-1	30550	30319	30750	30540	0.71	cps
Gadolinium	160-2	21967	22468	22064	22166	1.20	cps
Holmium	165-1	33517158	33797595	33881850	33732201	0.57	cps
Holmium	165-2	22537499	22554255	22435301	22509018	0.29	cps
Indium	115-1	29878732	30123910	30012450	30005031	0.41	cps
Indium	115-2	10076079	9991018	9923076	9996724	0.77	cps
Iron	56-2	148667544	149564771	148256164	148829493	0.45	cps
Iron	57-2	3703176	3688134	3674302	3688537	0.39	cps
Iron	54-2	8087566	8087611	8193402	8122860	0.75	cps
Krypton	83-1	430	407	410	416	3.04	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:03:28	DataFile Name :	212SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	263893	263305	263713	263637	0.11	cps
Lead	207-1	225867	226987	227718	226857	0.41	cps
Lead	208-1	1032689	1040939	1038840	1037489	0.41	cps
Lithium	6-1	2738823	2691433	2768487	2732914	1.42	cps
Magnesium	24-2	2933495	2955942	2906115	2931851	0.85	cps
Manganese	55-2	4110985	4095152	4083916	4096684	0.33	cps
Molybdenum	94-1	25355	25689	25633	25559	0.70	cps
Molybdenum	95-1	3731	3570	3751	3684	2.68	cps
Molybdenum	96-1	9263	9703	9757	9574	2.83	cps
Molybdenum	97-1	2444	2454	2347	2415	2.44	cps
Molybdenum	98-1	5918	5855	5928	5900	0.67	cps
Neodymium	150-1	58280	58942	59311	58844	0.89	cps
Neodymium	150-2	32447	32808	33202	32819	1.15	cps
Nickel	60-2	437788	438160	431505	435818	0.86	cps
Phosphorus	31-2	12038	11785	11811	11878	1.17	cps
Potassium	39-2	2159979	2122916	2126992	2136629	0.95	cps
Rhodium	103-1	29476687	29128700	28828699	29144695	1.11	cps
Rhodium	103-2	16979191	16775494	16835059	16863248	0.62	cps
Scandium	45-1	16058923	16268180	15869678	16065593	1.24	cps
Scandium	45-2	1332055	1327275	1309962	1323097	0.88	cps
Selenium	82-1	9932	10025	10472	10143	2.85	cps
Selenium	77-2	917	873	933	908	3.41	cps
Selenium	78-2	3257	3074	2960	3097	4.83	cps
Silicon	28-1	18370522	18469806	18411852	18417393	0.27	cps
Silver	107-1	246092	247987	248139	247406	0.46	cps
Silver	109-1	235475	237157	236201	236278	0.36	cps
Sodium	23-2	107307	107891	107938	107712	0.33	cps
Strontium	86-1	92575	91858	91904	92112	0.44	cps
Strontium	88-1	802635	809116	806926	806225	0.41	cps
Sulfur	34-1	201199	197589	196168	198319	1.31	cps
Terbium	159-1	35365917	34736531	34756394	34952948	1.02	cps
Terbium	159-2	22793757	22277878	22275117	22448917	1.33	cps
Thallium	203-1	181354	184117	184227	183232	0.89	cps
Thallium	205-1	432025	437721	438307	436018	0.80	cps
Tin	118-1	15528	15075	14955	15186	1.99	cps
Titanium	47-1	417167	416959	413804	415976	0.45	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:03:28	DataFile Name :	212SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9900	9857	9947	9902	0.45	cps
Vanadium	51-2	944579	948605	938883	944023	0.52	cps
Yttrium	89-1	41057615	40902596	40466993	40809068	0.75	cps
Yttrium	89-2	10109604	9982040	10008694	10033446	0.67	cps
Zinc	66-2	280654	281922	280249	280942	0.31	cps
Zirconium	90-1	64394	65073	65402	64956	0.79	cps
Zirconium	91-1	14687	14554	14524	14588	0.60	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:06:35	DataFile Name :	213SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3789399	3837865	3746952	3791405	1.20	cps
Antimony	121-1	1983025	2018673	1977740	1993146	1.12	cps
Arsenic	75-2	64429	65949	65822	65400	1.29	cps
Barium	135-1	9343557	9462306	9316325	9374063	0.83	cps
Barium	137-1	15955939	16116347	16041837	16038041	0.50	cps
Beryllium	9-1	76007	77649	76716	76790	1.07	cps
Bismuth	209-1	19746488	19787196	19803408	19779031	0.15	cps
Bismuth	209-2	15291180	15247183	15194986	15244450	0.32	cps
Bromine	81-1	19416	19707	19636	19586	0.77	cps
Bromine	81-2	887	877	850	871	2.18	cps
Cadmium	108-1	17657	17834	17391	17627	1.27	cps
Cadmium	106-1	34855	34588	34030	34491	1.22	cps
Cadmium	111-1	275489	277632	274627	275916	0.56	cps
Calcium	43-1	140876	143578	142579	142344	0.96	cps
Calcium	44-1	2216717	2302074	2258929	2259240	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1679691	1671863	1685646	1679067	0.41	cps
Cobalt	59-2	6250960	6148570	6213506	6204345	0.83	cps
Copper	63-2	2813610	2783989	2808400	2802000	0.56	cps
Dysprosium	156-1	31489	30734	31435	31219	1.35	cps
Dysprosium	156-2	25456	25914	25997	25789	1.13	cps
Erbium	164-1	24064	23957	24992	24338	2.34	cps
Erbium	164-2	16103	16510	15585	16066	2.88	cps
Gadolinium	160-1	29845	30233	30416	30165	0.97	cps
Gadolinium	160-2	22728	22251	22301	22427	1.17	cps
Holmium	165-1	34123610	33739757	34101705	33988358	0.63	cps
Holmium	165-2	22710247	22552940	22689373	22650853	0.38	cps
Indium	115-1	30195790	29784391	29674084	29884755	0.92	cps
Indium	115-2	9892966	10025625	10045984	9988192	0.83	cps
Iron	56-2	154130734	153127391	152692218	153316781	0.48	cps
Iron	57-2	3769373	3809702	3788449	3789174	0.53	cps
Iron	54-2	8355542	8293291	8362038	8336957	0.46	cps
Krypton	83-1	417	350	410	392	9.36	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:06:35	DataFile Name :	213SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	471140	478004	475861	475002	0.74	cps
Lead	207-1	405259	408940	409622	407940	0.58	cps
Lead	208-1	1856938	1875506	1876535	1869659	0.59	cps
Lithium	6-1	2812176	2717460	2726443	2752026	1.90	cps
Magnesium	24-2	2857212	2922850	2902289	2894117	1.16	cps
Manganese	55-2	6099455	6099609	6190212	6129759	0.85	cps
Molybdenum	94-1	25693	25943	25996	25877	0.63	cps
Molybdenum	95-1	3941	4231	4004	4058	3.76	cps
Molybdenum	96-1	9753	9557	9637	9649	1.03	cps
Molybdenum	97-1	2444	2320	2370	2378	2.61	cps
Molybdenum	98-1	6061	6278	6338	6226	2.34	cps
Neodymium	150-1	57460	58949	59110	58506	1.56	cps
Neodymium	150-2	32858	32531	33055	32815	0.81	cps
Nickel	60-2	1669108	1654921	1662540	1662189	0.43	cps
Phosphorus	31-2	12011	11911	11608	11844	1.77	cps
Potassium	39-2	2134524	2103507	2134915	2124315	0.85	cps
Rhodium	103-1	29119488	29074890	29089768	29094715	0.08	cps
Rhodium	103-2	17003386	16939872	17174993	17039417	0.71	cps
Scandium	45-1	16080841	16065369	16168246	16104819	0.34	cps
Scandium	45-2	1331803	1309753	1320845	1320800	0.83	cps
Selenium	82-1	32600	33017	33066	32894	0.78	cps
Selenium	77-2	3027	2810	3054	2964	4.50	cps
Selenium	78-2	10147	10477	9940	10188	2.66	cps
Silicon	28-1	17941098	18126627	17713281	17927002	1.15	cps
Silver	107-1	1033816	1033520	1033055	1033464	0.04	cps
Silver	109-1	980689	987671	982025	983461	0.38	cps
Sodium	23-2	108730	107334	109344	108470	0.95	cps
Strontium	86-1	89902	92414	91046	91121	1.38	cps
Strontium	88-1	789287	800152	791941	793794	0.71	cps
Sulfur	34-1	196256	197424	195780	196487	0.43	cps
Terbium	159-1	34971902	34985194	35451447	35136181	0.78	cps
Terbium	159-2	22996079	22830860	23125302	22984080	0.64	cps
Thallium	203-1	829604	841639	841882	837708	0.84	cps
Thallium	205-1	1992826	1962471	1991465	1982254	0.86	cps
Tin	118-1	15181	15115	14894	15064	1.00	cps
Titanium	47-1	407751	414403	408019	410058	0.92	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4590-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:06:35	DataFile Name :	213SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9907	9981	10001	9963	0.49	cps
Vanadium	51-2	3375073	3340846	3324758	3346893	0.77	cps
Yttrium	89-1	40373922	41123945	40674809	40724226	0.93	cps
Yttrium	89-2	10225446	10127357	10230027	10194276	0.57	cps
Zinc	66-2	822321	820842	820965	821376	0.10	cps
Zirconium	90-1	63045	63768	63496	63436	0.58	cps
Zirconium	91-1	14507	14614	14547	14556	0.37	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:09:36	DataFile Name :	214SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4118587	4146613	4238997	4168066	1.51	cps
Antimony	121-1	8786	8859	8970	8872	1.04	cps
Arsenic	75-2	29399	28247	28651	28766	2.03	cps
Barium	135-1	643559	648160	644419	645379	0.38	cps
Barium	137-1	1117336	1116733	1115318	1116462	0.09	cps
Beryllium	9-1	700	611	594	635	8.93	cps
Bismuth	209-1	19933546	19852754	19694520	19826940	0.61	cps
Bismuth	209-2	15256091	15178004	15270951	15235015	0.33	cps
Bromine	81-1	19690	20227	20408	20108	1.86	cps
Bromine	81-2	973	927	973	958	2.81	cps
Cadmium	108-1	117	150	103	123	19.49	cps
Cadmium	106-1	10454	9953	10027	10145	2.66	cps
Cadmium	111-1	7843	7529	7510	7627	2.45	cps
Calcium	43-1	302122	303954	302563	302880	0.32	cps
Calcium	44-1	4785033	4782251	4804323	4790536	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	235359	236994	233009	235121	0.85	cps
Cobalt	59-2	176248	173925	175584	175252	0.68	cps
Copper	63-2	379982	376241	374625	376950	0.73	cps
Dysprosium	156-1	39238	39673	40157	39689	1.16	cps
Dysprosium	156-2	32414	31713	32411	32179	1.26	cps
Erbium	164-1	28559	29328	29287	29058	1.49	cps
Erbium	164-2	19637	19143	19237	19339	1.36	cps
Gadolinium	160-1	36802	37517	37627	37315	1.20	cps
Gadolinium	160-2	27931	27270	27407	27536	1.27	cps
Holmium	165-1	34253904	34219894	33257043	33910280	1.67	cps
Holmium	165-2	22546896	22531379	22371955	22483410	0.43	cps
Indium	115-1	30387636	30067012	29811594	30088747	0.96	cps
Indium	115-2	9887665	9833135	9928118	9882973	0.48	cps
Iron	56-2	171592797	172241417	172949864	172261360	0.39	cps
Iron	57-2	4259494	4311476	4275993	4282321	0.62	cps
Iron	54-2	9379514	9510757	9366416	9418895	0.85	cps
Krypton	83-1	403	390	387	393	2.24	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:09:36	DataFile Name :	214SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	97419	99490	98990	98633	1.10	cps
Lead	207-1	81013	82864	82257	82045	1.15	cps
Lead	208-1	375615	380512	381329	379152	0.81	cps
Lithium	6-1	2771798	2731572	2682180	2728517	1.65	cps
Magnesium	24-2	3759625	3750685	3765259	3758523	0.20	cps
Manganese	55-2	4129248	4156534	4130981	4138921	0.37	cps
Molybdenum	94-1	27105	27793	27282	27393	1.30	cps
Molybdenum	95-1	3854	3804	4037	3898	3.15	cps
Molybdenum	96-1	9940	10024	10104	10022	0.82	cps
Molybdenum	97-1	2370	2537	2474	2460	3.42	cps
Molybdenum	98-1	6151	5845	6098	6031	2.72	cps
Neodymium	150-1	74167	73608	75286	74354	1.15	cps
Neodymium	150-2	42430	42043	41561	42011	1.04	cps
Nickel	60-2	89327	89213	91084	89875	1.17	cps
Phosphorus	31-2	10117	10173	10360	10217	1.25	cps
Potassium	39-2	1534331	1514424	1505024	1517926	0.99	cps
Rhodium	103-1	29288798	29105591	28899315	29097902	0.67	cps
Rhodium	103-2	16945434	16534145	16767423	16749001	1.23	cps
Scandium	45-1	16469715	16210064	15877539	16185773	1.83	cps
Scandium	45-2	1309520	1309755	1302831	1307369	0.30	cps
Selenium	82-1	1820	1808	1852	1827	1.24	cps
Selenium	77-2	150	170	180	167	9.17	cps
Selenium	78-2	663	667	597	642	6.15	cps
Silicon	28-1	18830090	19160550	18403493	18798044	2.02	cps
Silver	107-1	1830	1500	1510	1613	11.64	cps
Silver	109-1	1677	1470	1427	1525	8.76	cps
Sodium	23-2	110335	108556	109559	109483	0.81	cps
Strontium	86-1	135332	138746	137629	137236	1.27	cps
Strontium	88-1	1191684	1205193	1208460	1201779	0.74	cps
Sulfur	34-1	206347	206769	206908	206674	0.14	cps
Terbium	159-1	35577496	35513014	34838039	35309517	1.16	cps
Terbium	159-2	22545525	22921346	22610775	22692549	0.88	cps
Thallium	203-1	1573	1577	1517	1556	2.17	cps
Thallium	205-1	3994	3571	3847	3804	5.65	cps
Tin	118-1	15712	15829	15972	15838	0.82	cps
Titanium	47-1	411801	418832	414389	415007	0.86	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:09:36	DataFile Name :	214SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13020	12743	12663	12808	1.46	cps
Vanadium	51-2	254737	255810	254598	255048	0.26	cps
Yttrium	89-1	41777752	41343534	41626587	41582624	0.53	cps
Yttrium	89-2	10072549	9942068	10069403	10028007	0.74	cps
Zinc	66-2	86036	86176	85566	85926	0.37	cps
Zirconium	90-1	68770	69212	68613	68865	0.45	cps
Zirconium	91-1	14764	15585	15825	15391	3.62	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:12:48	DataFile Name :	215SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4760744	4658976	4583138	4667619	1.91	cps
Antimony	121-1	38839	38886	39618	39114	1.12	cps
Arsenic	75-2	32131	32228	31123	31828	1.92	cps
Barium	135-1	897798	901452	900127	899792	0.21	cps
Barium	137-1	1533307	1556955	1563044	1551102	1.01	cps
Beryllium	9-1	589	800	617	669	17.16	cps
Bismuth	209-1	19728881	19669296	19869216	19755798	0.52	cps
Bismuth	209-2	15248723	15207994	15256549	15237755	0.17	cps
Bromine	81-1	20314	20324	21205	20615	2.48	cps
Bromine	81-2	1007	1020	990	1006	1.49	cps
Cadmium	108-1	157	147	197	167	15.87	cps
Cadmium	106-1	10120	9827	9900	9949	1.54	cps
Cadmium	111-1	7688	7459	7449	7532	1.79	cps
Calcium	43-1	322984	324227	324693	323968	0.27	cps
Calcium	44-1	5053924	5134958	5094150	5094344	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252813	254337	252632	253261	0.37	cps
Cobalt	59-2	209008	209880	206112	208333	0.95	cps
Copper	63-2	425599	423667	423469	424245	0.28	cps
Dysprosium	156-1	44052	44363	44450	44288	0.47	cps
Dysprosium	156-2	35705	35979	36013	35899	0.47	cps
Erbium	164-1	32862	32962	33975	33266	1.85	cps
Erbium	164-2	21947	22408	22308	22221	1.09	cps
Gadolinium	160-1	42173	42113	42608	42298	0.64	cps
Gadolinium	160-2	31038	30603	30176	30606	1.41	cps
Holmium	165-1	33597700	33324466	33549544	33490570	0.44	cps
Holmium	165-2	22537098	22459206	22582391	22526232	0.28	cps
Indium	115-1	29687925	29932631	30053576	29891377	0.62	cps
Indium	115-2	10085043	9882969	9934929	9967647	1.05	cps
Iron	56-2	196624397	193799717	196327684	195583933	0.79	cps
Iron	57-2	4835715	4821914	4813588	4823739	0.23	cps
Iron	54-2	10552528	10722442	10502766	10592579	1.09	cps
Krypton	83-1	380	377	383	380	0.88	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:12:48	DataFile Name :	215SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	115032	115075	115391	115166	0.17	cps
Lead	207-1	95385	96197	95560	95714	0.45	cps
Lead	208-1	437112	440754	442549	440138	0.63	cps
Lithium	6-1	2721800	2781647	2715610	2739685	1.33	cps
Magnesium	24-2	4235107	4211254	4163561	4203307	0.87	cps
Manganese	55-2	5355181	5379124	5366402	5366902	0.22	cps
Molybdenum	94-1	29266	29934	29527	29576	1.14	cps
Molybdenum	95-1	4391	4501	4381	4424	1.51	cps
Molybdenum	96-1	10934	11625	11118	11226	3.19	cps
Molybdenum	97-1	2694	2737	2870	2767	3.33	cps
Molybdenum	98-1	6748	6635	7075	6819	3.35	cps
Neodymium	150-1	81860	82821	83150	82610	0.81	cps
Neodymium	150-2	47530	46383	46577	46830	1.31	cps
Nickel	60-2	97920	96863	97125	97303	0.57	cps
Phosphorus	31-2	12158	11951	11931	12014	1.05	cps
Potassium	39-2	1732245	1713384	1712753	1719461	0.64	cps
Rhodium	103-1	28916247	28868455	29207986	28997563	0.63	cps
Rhodium	103-2	16862044	16743579	16657871	16754498	0.61	cps
Scandium	45-1	16097826	16046815	16153335	16099325	0.33	cps
Scandium	45-2	1310554	1317978	1325867	1318133	0.58	cps
Selenium	82-1	1787	1921	1784	1830	4.29	cps
Selenium	77-2	200	207	203	203	1.64	cps
Selenium	78-2	627	653	743	674	9.06	cps
Silicon	28-1	21460934	21736600	21684219	21627251	0.68	cps
Silver	107-1	1333	1380	1213	1309	6.57	cps
Silver	109-1	1167	1150	1207	1175	2.48	cps
Sodium	23-2	114569	114777	113830	114392	0.44	cps
Strontium	86-1	152749	152369	151554	152224	0.40	cps
Strontium	88-1	1323870	1339162	1324907	1329313	0.64	cps
Sulfur	34-1	212189	212260	211080	211843	0.31	cps
Terbium	159-1	34729678	34950715	35107899	34929431	0.54	cps
Terbium	159-2	22793325	22469835	22491372	22584844	0.80	cps
Thallium	203-1	1507	1413	1577	1499	5.47	cps
Thallium	205-1	3687	3771	3591	3683	2.45	cps
Tin	118-1	18192	18212	18819	18407	1.94	cps
Titanium	47-1	454131	453219	451416	452922	0.30	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:12:48	DataFile Name :	215SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14308	14248	14381	14312	0.47	cps
Vanadium	51-2	286988	285517	283618	285374	0.59	cps
Yttrium	89-1	40915771	41281829	41033434	41077011	0.45	cps
Yttrium	89-2	10050150	10042945	10077929	10057008	0.18	cps
Zinc	66-2	99159	98304	97049	98171	1.08	cps
Zirconium	90-1	74524	75590	74012	74709	1.08	cps
Zirconium	91-1	16716	16543	16780	16680	0.74	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:15:59	DataFile Name :	216SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	806205	814581	805927	808904	0.61	cps
Antimony	121-1	1617	1633	1640	1630	0.74	cps
Arsenic	75-2	5338	5761	5614	5571	3.86	cps
Barium	135-1	127232	124858	125201	125764	1.02	cps
Barium	137-1	213688	217140	215980	215602	0.81	cps
Beryllium	9-1	144	128	167	146	13.34	cps
Bismuth	209-1	19723803	19628650	19620804	19657752	0.29	cps
Bismuth	209-2	15269514	15314156	15134361	15239344	0.61	cps
Bromine	81-1	16683	16519	16773	16658	0.77	cps
Bromine	81-2	320	263	347	310	13.73	cps
Cadmium	108-1	37	47	27	37	27.27	cps
Cadmium	106-1	9663	9613	9210	9495	2.62	cps
Cadmium	111-1	6865	6870	6535	6757	2.84	cps
Calcium	43-1	60473	60767	60741	60660	0.27	cps
Calcium	44-1	1009952	1014478	1011125	1011851	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47658	47979	47023	47554	1.02	cps
Cobalt	59-2	34356	34156	34480	34330	0.48	cps
Copper	63-2	76089	75784	76095	75989	0.23	cps
Dysprosium	156-1	7786	7579	7445	7603	2.25	cps
Dysprosium	156-2	6085	6141	6415	6214	2.84	cps
Erbium	164-1	5875	5785	5645	5768	2.01	cps
Erbium	164-2	4061	3681	3917	3886	4.94	cps
Gadolinium	160-1	7155	7369	7295	7273	1.49	cps
Gadolinium	160-2	6138	6148	6148	6145	0.09	cps
Holmium	165-1	33965767	33450802	33652274	33689614	0.77	cps
Holmium	165-2	22606353	22461208	22367246	22478269	0.54	cps
Indium	115-1	30107721	29485719	29619553	29737664	1.10	cps
Indium	115-2	10009027	9862519	10019997	9963847	0.88	cps
Iron	56-2	34062242	33512119	33455936	33676766	0.99	cps
Iron	57-2	860437	861404	855772	859204	0.35	cps
Iron	54-2	1808751	1836137	1854282	1833057	1.25	cps
Krypton	83-1	340	363	403	369	8.68	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:15:59	DataFile Name :	216SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19885	20208	19928	20007	0.88	cps
Lead	207-1	16263	16944	16477	16561	2.10	cps
Lead	208-1	76190	77412	76621	76741	0.81	cps
Lithium	6-1	2773205	2830617	2838745	2814189	1.27	cps
Magnesium	24-2	725114	729060	725517	726564	0.30	cps
Manganese	55-2	803015	808489	798237	803247	0.64	cps
Molybdenum	94-1	5828	5925	5881	5878	0.82	cps
Molybdenum	95-1	793	777	890	820	7.46	cps
Molybdenum	96-1	2207	2064	2003	2091	5.00	cps
Molybdenum	97-1	533	500	600	544	9.35	cps
Molybdenum	98-1	1277	1107	1273	1219	7.97	cps
Neodymium	150-1	14337	14451	14407	14399	0.40	cps
Neodymium	150-2	8142	8119	8389	8217	1.82	cps
Nickel	60-2	17784	17864	18151	17933	1.08	cps
Phosphorus	31-2	2170	2267	2147	2195	2.90	cps
Potassium	39-2	372798	372114	369882	371598	0.41	cps
Rhodium	103-1	28991498	28954830	28713113	28886480	0.52	cps
Rhodium	103-2	17054389	16783933	16826391	16888238	0.86	cps
Scandium	45-1	15886186	15927668	16088436	15967430	0.67	cps
Scandium	45-2	1338243	1311380	1319535	1323052	1.04	cps
Selenium	82-1	1745	1752	1664	1720	2.86	cps
Selenium	77-2	33	37	33	34	5.60	cps
Selenium	78-2	523	613	543	560	8.44	cps
Silicon	28-1	4778309	4822664	4792947	4797973	0.47	cps
Silver	107-1	410	333	383	376	10.36	cps
Silver	109-1	267	300	267	278	6.93	cps
Sodium	23-2	70708	69556	69385	69883	1.03	cps
Strontium	86-1	26881	27365	27165	27137	0.90	cps
Strontium	88-1	232154	233552	233843	233183	0.39	cps
Sulfur	34-1	207458	209181	211807	209482	1.05	cps
Terbium	159-1	34833382	34800859	34966286	34866842	0.25	cps
Terbium	159-2	22484388	22444918	22258237	22395848	0.54	cps
Thallium	203-1	560	460	523	514	9.83	cps
Thallium	205-1	1423	1403	1277	1368	5.82	cps
Tin	118-1	6231	6355	6135	6240	1.77	cps
Titanium	47-1	81907	82811	82292	82337	0.55	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N4L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:15:59	DataFile Name :	216SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2664	2390	2404	2486	6.20	cps
Vanadium	51-2	49123	49896	50116	49712	1.05	cps
Yttrium	89-1	40688393	40286155	40645927	40540158	0.55	cps
Yttrium	89-2	10127177	9899813	10011808	10012933	1.14	cps
Zinc	66-2	18515	18445	18585	18515	0.38	cps
Zirconium	90-1	14654	14961	15081	14899	1.48	cps
Zirconium	91-1	3264	3267	3220	3250	0.80	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:19:14	DataFile Name :	217SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4339022	4439795	4336121	4371646	1.35	cps
Antimony	121-1	450221	454713	453963	452966	0.53	cps
Arsenic	75-2	37811	37691	37701	37735	0.18	cps
Barium	135-1	2807712	2850790	2825068	2827857	0.77	cps
Barium	137-1	4820091	4862044	4849276	4843804	0.44	cps
Beryllium	9-1	19835	19590	19674	19700	0.63	cps
Bismuth	209-1	19092679	19222837	19260839	19192118	0.46	cps
Bismuth	209-2	14850819	15031384	14905367	14929190	0.62	cps
Bromine	81-1	18649	19389	19490	19176	2.40	cps
Bromine	81-2	860	950	943	918	5.46	cps
Cadmium	108-1	3981	3891	3961	3944	1.20	cps
Cadmium	106-1	15508	15191	14808	15169	2.31	cps
Cadmium	111-1	67454	67446	67268	67389	0.16	cps
Calcium	43-1	296190	297560	298717	297489	0.43	cps
Calcium	44-1	4659247	4655667	4631785	4648900	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	584716	583234	585666	584539	0.21	cps
Cobalt	59-2	1607969	1588048	1634412	1610143	1.44	cps
Copper	63-2	891229	885328	885351	887303	0.38	cps
Dysprosium	156-1	39479	38406	38453	38779	1.56	cps
Dysprosium	156-2	32207	32204	31776	32062	0.77	cps
Erbium	164-1	29431	29147	29865	29481	1.23	cps
Erbium	164-2	19817	19961	20071	19950	0.64	cps
Gadolinium	160-1	36066	37086	36985	36712	1.53	cps
Gadolinium	160-2	26993	27480	27410	27294	0.97	cps
Holmium	165-1	32956687	33026017	33187536	33056747	0.36	cps
Holmium	165-2	21992526	22063154	22013056	22022912	0.16	cps
Indium	115-1	29083090	29085076	29184197	29117454	0.20	cps
Indium	115-2	9916348	9726665	9675652	9772888	1.30	cps
Iron	56-2	176472284	173329197	174129617	174643700	0.94	cps
Iron	57-2	4325951	4272252	4297277	4298493	0.63	cps
Iron	54-2	9417623	9385173	9509814	9437537	0.69	cps
Krypton	83-1	370	373	393	379	3.33	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:19:14	DataFile Name :	217SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	159308	158673	161786	159923	1.03	cps
Lead	207-1	133953	137396	135622	135657	1.27	cps
Lead	208-1	614561	623298	626322	621393	0.98	cps
Lithium	6-1	2891124	2768043	2776474	2811880	2.45	cps
Magnesium	24-2	3780862	3838418	3803843	3807708	0.76	cps
Manganese	55-2	4932381	4885300	4930353	4916011	0.54	cps
Molybdenum	94-1	26795	27503	27265	27187	1.33	cps
Molybdenum	95-1	3781	3817	3827	3808	0.65	cps
Molybdenum	96-1	9917	10170	9967	10018	1.34	cps
Molybdenum	97-1	2217	2474	2277	2322	5.78	cps
Molybdenum	98-1	5614	6061	5801	5826	3.85	cps
Neodymium	150-1	72549	73041	73732	73107	0.81	cps
Neodymium	150-2	41387	41601	41625	41538	0.32	cps
Nickel	60-2	464434	459910	460609	461651	0.53	cps
Phosphorus	31-2	10187	10424	10304	10305	1.15	cps
Potassium	39-2	1553297	1506019	1489764	1516360	2.18	cps
Rhodium	103-1	28082423	28386388	28319420	28262744	0.57	cps
Rhodium	103-2	16481194	16567234	16356116	16468181	0.64	cps
Scandium	45-1	15865095	15765540	15551756	15727464	1.02	cps
Scandium	45-2	1309426	1302056	1293656	1301713	0.61	cps
Selenium	82-1	6949	6991	7037	6993	0.63	cps
Selenium	77-2	703	717	660	693	4.27	cps
Selenium	78-2	2140	2334	2297	2257	4.55	cps
Silicon	28-1	18760190	19081971	19040429	18960863	0.92	cps
Silver	107-1	244192	245886	247027	245702	0.58	cps
Silver	109-1	230345	235262	234792	233466	1.16	cps
Sodium	23-2	106404	106300	106958	106554	0.33	cps
Strontium	86-1	133885	135594	134299	134593	0.66	cps
Strontium	88-1	1166547	1174513	1188086	1176382	0.93	cps
Sulfur	34-1	220105	219750	215153	218336	1.27	cps
Terbium	159-1	34497443	34017633	34471194	34328756	0.79	cps
Terbium	159-2	22426160	22252886	21938708	22205918	1.11	cps
Thallium	203-1	186467	188590	189773	188277	0.89	cps
Thallium	205-1	444250	447844	445951	446015	0.40	cps
Tin	118-1	15515	16122	15442	15693	2.38	cps
Titanium	47-1	405202	410117	414532	409950	1.14	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:19:14	DataFile Name :	217SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12553	12553	12589	12565	0.17	cps
Vanadium	51-2	1015162	1007183	993416	1005254	1.09	cps
Yttrium	89-1	39597362	39743196	40208154	39849571	0.80	cps
Yttrium	89-2	9997234	9921315	9801088	9906546	1.00	cps
Zinc	66-2	255136	255026	253874	254679	0.27	cps
Zirconium	90-1	66369	67823	67601	67264	1.16	cps
Zirconium	91-1	14631	15368	14497	14832	3.16	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:22:20	DataFile Name :	218SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4743626	4743517	4857186	4781443	1.37	cps
Antimony	121-1	1931436	1906408	1948425	1928756	1.10	cps
Arsenic	75-2	67077	66622	66287	66662	0.59	cps
Barium	135-1	9299227	9283326	9331636	9304729	0.26	cps
Barium	137-1	15951849	16014402	16249191	16071814	0.98	cps
Beryllium	9-1	78815	78503	77732	78350	0.71	cps
Bismuth	209-1	19361445	19249934	19161920	19257766	0.52	cps
Bismuth	209-2	15075068	14821037	14923515	14939873	0.86	cps
Bromine	81-1	19176	19486	19997	19553	2.12	cps
Bromine	81-2	867	827	823	839	2.87	cps
Cadmium	108-1	16693	17100	16837	16877	1.22	cps
Cadmium	106-1	33241	32984	32934	33053	0.50	cps
Cadmium	111-1	262052	264266	266787	264368	0.90	cps
Calcium	43-1	289090	291897	293268	291418	0.73	cps
Calcium	44-1	4601392	4592625	4609159	4601059	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1712255	1731119	1708938	1717438	0.70	cps
Cobalt	59-2	6096882	6088753	6061666	6082434	0.30	cps
Copper	63-2	2439935	2480062	2481352	2467116	0.95	cps
Dysprosium	156-1	37707	39011	38369	38362	1.70	cps
Dysprosium	156-2	31495	32174	31896	31855	1.07	cps
Erbium	164-1	28192	28292	28696	28393	0.94	cps
Erbium	164-2	19193	19293	19257	19248	0.26	cps
Gadolinium	160-1	35883	36855	36578	36438	1.37	cps
Gadolinium	160-2	26749	26872	26155	26592	1.44	cps
Holmium	165-1	33445783	33407106	32806642	33219844	1.08	cps
Holmium	165-2	22449008	22124917	22073371	22215766	0.92	cps
Indium	115-1	29468555	29371104	29423614	29421091	0.17	cps
Indium	115-2	9917380	9889030	9714789	9840400	1.11	cps
Iron	56-2	174454731	174043617	177276731	175258360	1.00	cps
Iron	57-2	4339553	4390784	4345027	4358454	0.65	cps
Iron	54-2	9639748	9693024	9450513	9594428	1.33	cps
Krypton	83-1	377	380	410	389	4.72	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:22:20	DataFile Name :	218SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	355711	357676	361021	358136	0.75	cps
Lead	207-1	302452	302349	307660	304154	1.00	cps
Lead	208-1	1384592	1400542	1413162	1399432	1.02	cps
Lithium	6-1	2761626	2784082	2660806	2735504	2.40	cps
Magnesium	24-2	3672164	3666257	3738466	3692296	1.09	cps
Manganese	55-2	6739491	6880594	6737432	6785839	1.21	cps
Molybdenum	94-1	27533	27386	27566	27495	0.35	cps
Molybdenum	95-1	3871	3927	3627	3808	4.19	cps
Molybdenum	96-1	9977	9970	9637	9861	1.97	cps
Molybdenum	97-1	2290	2390	2314	2331	2.24	cps
Molybdenum	98-1	6078	5965	5911	5985	1.42	cps
Neodymium	150-1	70659	71932	72542	71711	1.34	cps
Neodymium	150-2	41498	40846	41548	41297	0.95	cps
Nickel	60-2	1658956	1663479	1657366	1659933	0.19	cps
Phosphorus	31-2	10030	10007	9937	9991	0.49	cps
Potassium	39-2	1475102	1503453	1451310	1476622	1.77	cps
Rhodium	103-1	28405250	28482938	27896408	28261532	1.13	cps
Rhodium	103-2	16741632	16602535	16504494	16616220	0.72	cps
Scandium	45-1	15758182	15979968	15495406	15744519	1.54	cps
Scandium	45-2	1301386	1323683	1279719	1301596	1.69	cps
Selenium	82-1	33493	34076	33480	33683	1.01	cps
Selenium	77-2	3180	3174	3137	3164	0.74	cps
Selenium	78-2	10631	10364	10140	10378	2.37	cps
Silicon	28-1	18265920	18256174	17879372	18133822	1.22	cps
Silver	107-1	1004894	1014906	1007512	1009104	0.51	cps
Silver	109-1	948679	957926	970981	959195	1.17	cps
Sodium	23-2	107123	108029	107052	107401	0.51	cps
Strontium	86-1	131974	132967	133599	132847	0.62	cps
Strontium	88-1	1142998	1159588	1162238	1154941	0.90	cps
Sulfur	34-1	215852	213797	211955	213868	0.91	cps
Terbium	159-1	34731329	34781429	33642149	34384969	1.87	cps
Terbium	159-2	22589295	22137256	22191353	22305968	1.11	cps
Thallium	203-1	798452	809524	808101	805359	0.75	cps
Thallium	205-1	1928614	1909650	1948951	1929072	1.02	cps
Tin	118-1	15492	15889	15428	15603	1.60	cps
Titanium	47-1	399147	397325	400874	399116	0.44	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4591-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:22:20	DataFile Name :	218SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12242	12052	12599	12298	2.26	cps
Vanadium	51-2	3362751	3360158	3352128	3358346	0.16	cps
Yttrium	89-1	40105706	40154584	40351395	40203895	0.32	cps
Yttrium	89-2	9959006	9978748	9856401	9931385	0.66	cps
Zinc	66-2	785198	779812	779289	781433	0.42	cps
Zirconium	90-1	69651	68860	70545	69685	1.21	cps
Zirconium	91-1	15435	15665	15578	15559	0.75	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:25:21	DataFile Name :	219SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2532880	2502648	2535590	2523706	0.72	cps
Antimony	121-1	14064	14014	13840	13972	0.84	cps
Arsenic	75-2	29326	28795	28942	29021	0.94	cps
Barium	135-1	463031	465562	465664	464752	0.32	cps
Barium	137-1	795140	806854	798907	800300	0.75	cps
Beryllium	9-1	444	456	328	409	17.30	cps
Bismuth	209-1	19257031	19329769	19190183	19258994	0.36	cps
Bismuth	209-2	14847364	14880830	15105870	14944688	0.94	cps
Bromine	81-1	16626	16946	17143	16905	1.54	cps
Bromine	81-2	420	360	373	384	8.20	cps
Cadmium	108-1	190	163	177	177	7.55	cps
Cadmium	106-1	10424	10120	9557	10034	4.39	cps
Cadmium	111-1	7594	7427	6969	7330	4.41	cps
Calcium	43-1	689695	691134	688052	689627	0.22	cps
Calcium	44-1	10761742	10917746	10786894	10822127	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	159837	161312	161454	160868	0.56	cps
Cobalt	59-2	128566	128182	130061	128936	0.77	cps
Copper	63-2	227658	228319	228047	228008	0.15	cps
Dysprosium	156-1	27981	28342	27794	28039	0.99	cps
Dysprosium	156-2	24211	22982	23617	23603	2.60	cps
Erbium	164-1	20028	20091	20375	20165	0.92	cps
Erbium	164-2	13106	13447	13310	13288	1.29	cps
Gadolinium	160-1	26071	26315	26158	26181	0.47	cps
Gadolinium	160-2	19620	19874	19417	19637	1.17	cps
Holmium	165-1	33315490	32693008	32824504	32944334	1.00	cps
Holmium	165-2	22231937	22069387	22188589	22163304	0.38	cps
Indium	115-1	29392588	29288860	29131288	29270912	0.45	cps
Indium	115-2	9840114	9612995	9804088	9752399	1.25	cps
Iron	56-2	128931985	128926885	129479548	129112806	0.25	cps
Iron	57-2	3211645	3198657	3235796	3215366	0.59	cps
Iron	54-2	6995850	6909288	7039527	6981555	0.95	cps
Krypton	83-1	377	400	373	383	3.79	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:25:21	DataFile Name :	219SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	63635	64616	64415	64222	0.81	cps
Lead	207-1	53127	53930	53936	53664	0.87	cps
Lead	208-1	245478	250045	247916	247813	0.92	cps
Lithium	6-1	2771366	2705458	2591197	2689340	3.39	cps
Magnesium	24-2	2832370	2835520	2800254	2822715	0.69	cps
Manganese	55-2	2914211	2891212	2848403	2884608	1.16	cps
Molybdenum	94-1	53417	54528	53966	53970	1.03	cps
Molybdenum	95-1	2180	2347	2007	2178	7.81	cps
Molybdenum	96-1	12195	12239	12789	12408	2.67	cps
Molybdenum	97-1	1287	1313	1217	1272	3.92	cps
Molybdenum	98-1	3340	3384	3174	3299	3.36	cps
Neodymium	150-1	57363	58347	58146	57952	0.90	cps
Neodymium	150-2	32691	33009	32484	32728	0.81	cps
Nickel	60-2	68616	67682	69898	68732	1.62	cps
Phosphorus	31-2	8232	8176	7902	8103	2.18	cps
Potassium	39-2	754634	745177	753461	751091	0.69	cps
Rhodium	103-1	28222730	28263485	27847969	28111395	0.81	cps
Rhodium	103-2	16572901	16364467	16470667	16469345	0.63	cps
Scandium	45-1	15902302	15817826	15607840	15775989	0.96	cps
Scandium	45-2	1305718	1304711	1301952	1304127	0.15	cps
Selenium	82-1	1678	1719	1729	1709	1.59	cps
Selenium	77-2	133	80	103	106	25.33	cps
Selenium	78-2	683	543	570	599	12.41	cps
Silicon	28-1	17431563	17242035	17243435	17305678	0.63	cps
Silver	107-1	1403	1047	883	1111	23.93	cps
Silver	109-1	1073	900	640	871	25.04	cps
Sodium	23-2	101948	102125	102555	102210	0.31	cps
Strontium	86-1	115485	116839	117706	116676	0.96	cps
Strontium	88-1	1011894	1023305	1029656	1021619	0.88	cps
Sulfur	34-1	226014	236292	241035	234447	3.28	cps
Terbium	159-1	34041106	34336295	34261190	34212864	0.45	cps
Terbium	159-2	22395572	22579474	22215312	22396786	0.81	cps
Thallium	203-1	1393	1327	1237	1319	5.96	cps
Thallium	205-1	3314	3227	3304	3282	1.45	cps
Tin	118-1	15405	15889	15819	15704	1.66	cps
Titanium	47-1	297547	300855	300189	299530	0.58	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:25:21	DataFile Name :	219SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8036	8189	8263	8163	1.42	cps
Vanadium	51-2	209709	207230	208076	208338	0.60	cps
Yttrium	89-1	39836644	40014274	39981306	39944075	0.24	cps
Yttrium	89-2	9901867	9916800	9830057	9882908	0.47	cps
Zinc	66-2	63307	63749	62346	63134	1.14	cps
Zirconium	90-1	143466	144583	145822	144624	0.81	cps
Zirconium	91-1	31654	32032	32169	31951	0.83	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:28:31	DataFile Name :	220SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2717445	2755412	2689160	2720672	1.22	cps
Antimony	121-1	12926	13286	13893	13369	3.66	cps
Arsenic	75-2	31590	31313	30618	31174	1.61	cps
Barium	135-1	512766	516319	512681	513922	0.40	cps
Barium	137-1	880589	888451	879384	882808	0.56	cps
Beryllium	9-1	444	400	361	402	10.38	cps
Bismuth	209-1	19410748	19294097	19545881	19416909	0.65	cps
Bismuth	209-2	14943370	14725135	14837874	14835460	0.74	cps
Bromine	81-1	17240	17110	16916	17089	0.95	cps
Bromine	81-2	393	377	417	396	5.08	cps
Cadmium	108-1	170	170	190	177	6.54	cps
Cadmium	106-1	10694	10597	9990	10427	3.66	cps
Cadmium	111-1	7780	7759	7340	7626	3.25	cps
Calcium	43-1	673012	678361	671673	674349	0.52	cps
Calcium	44-1	10669091	10558069	10505739	10577633	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163236	162519	161865	162540	0.42	cps
Cobalt	59-2	137419	136279	136302	136667	0.48	cps
Copper	63-2	244460	244049	243941	244150	0.11	cps
Dysprosium	156-1	29982	29785	30373	30047	1.00	cps
Dysprosium	156-2	25410	25246	24829	25161	1.19	cps
Erbium	164-1	21310	21383	20929	21207	1.15	cps
Erbium	164-2	14030	13867	14177	14025	1.11	cps
Gadolinium	160-1	27604	27410	27761	27592	0.64	cps
Gadolinium	160-2	20278	20382	20305	20321	0.26	cps
Holmium	165-1	33076325	33054174	33308246	33146248	0.42	cps
Holmium	165-2	22036294	22112927	22165026	22104749	0.29	cps
Indium	115-1	29518719	29347890	29504953	29457188	0.32	cps
Indium	115-2	9907672	9848219	9866708	9874200	0.31	cps
Iron	56-2	138551681	138661485	137493861	138235676	0.47	cps
Iron	57-2	3446730	3426873	3441946	3438517	0.30	cps
Iron	54-2	7724644	7397747	7502154	7541515	2.21	cps
Krypton	83-1	397	413	380	397	4.20	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:28:31	DataFile Name :	220SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	69587	68638	68052	68759	1.13	cps
Lead	207-1	57384	56959	56919	57087	0.45	cps
Lead	208-1	265701	266702	263011	265138	0.72	cps
Lithium	6-1	2706270	2693543	2730869	2710227	0.70	cps
Magnesium	24-2	3051080	3044430	3023154	3039555	0.48	cps
Manganese	55-2	3086222	2973255	3006547	3022008	1.92	cps
Molybdenum	94-1	59376	59386	58757	59173	0.61	cps
Molybdenum	95-1	2374	2367	2397	2379	0.66	cps
Molybdenum	96-1	13643	13273	13863	13593	2.20	cps
Molybdenum	97-1	1297	1420	1413	1377	5.04	cps
Molybdenum	98-1	3530	3390	3494	3472	2.09	cps
Neodymium	150-1	61319	61055	60985	61119	0.29	cps
Neodymium	150-2	35244	34749	34967	34987	0.71	cps
Nickel	60-2	72460	72655	72035	72384	0.44	cps
Phosphorus	31-2	9066	8809	9203	9026	2.21	cps
Potassium	39-2	809409	798457	803752	803873	0.68	cps
Rhodium	103-1	28543189	28538821	28159269	28413760	0.78	cps
Rhodium	103-2	16795513	16537654	16619378	16650848	0.79	cps
Scandium	45-1	16069868	16088520	15931998	16030129	0.53	cps
Scandium	45-2	1295314	1311703	1328272	1311763	1.26	cps
Selenium	82-1	1762	1681	1678	1707	2.78	cps
Selenium	77-2	133	117	97	116	15.89	cps
Selenium	78-2	550	630	640	607	8.13	cps
Silicon	28-1	16887977	17417564	17158271	17154604	1.54	cps
Silver	107-1	743	733	763	747	2.05	cps
Silver	109-1	523	493	547	521	5.13	cps
Sodium	23-2	104921	103622	103773	104105	0.68	cps
Strontium	86-1	127038	128336	129228	128201	0.86	cps
Strontium	88-1	1115683	1126776	1134563	1125674	0.84	cps
Sulfur	34-1	255627	257722	257149	256832	0.42	cps
Terbium	159-1	34284057	34024730	33905739	34071509	0.57	cps
Terbium	159-2	22489100	22407608	22318868	22405192	0.38	cps
Thallium	203-1	1190	1240	1220	1217	2.07	cps
Thallium	205-1	3097	3220	3227	3182	2.30	cps
Tin	118-1	15889	15729	15729	15782	0.59	cps
Titanium	47-1	332534	333887	331312	332578	0.39	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:28:31	DataFile Name :	220SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8850	8936	9123	8970	1.56	cps
Vanadium	51-2	225471	221709	224857	224012	0.90	cps
Yttrium	89-1	40672496	40485627	40468935	40542353	0.28	cps
Yttrium	89-2	9937634	9918104	9830514	9895417	0.58	cps
Zinc	66-2	67830	67050	67187	67355	0.62	cps
Zirconium	90-1	156989	158973	158158	158040	0.63	cps
Zirconium	91-1	34738	34968	35553	35086	1.20	cps

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:31:43	DataFile Name :	221SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	490898	490933	494977	492269	0.48	cps
Antimony	121-1	2827	2680	2917	2808	4.26	cps
Arsenic	75-2	5454	5538	5534	5509	0.86	cps
Barium	135-1	90807	91521	90458	90929	0.60	cps
Barium	137-1	154597	155490	156524	155537	0.62	cps
Beryllium	9-1	72	111	44	76	44.10	cps
Bismuth	209-1	19295138	19222858	18933363	19150453	1.00	cps
Bismuth	209-2	15053049	15010343	14923015	14995469	0.44	cps
Bromine	81-1	16386	16870	16176	16477	2.16	cps
Bromine	81-2	287	243	163	231	27.07	cps
Cadmium	108-1	57	67	43	56	21.08	cps
Cadmium	106-1	9960	9863	9486	9770	2.56	cps
Cadmium	111-1	7042	7021	6734	6932	2.49	cps
Calcium	43-1	137170	138165	138569	137968	0.52	cps
Calcium	44-1	2200061	2223484	2197468	2207005	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34446	34299	34700	34482	0.59	cps
Cobalt	59-2	25345	25101	25652	25366	1.09	cps
Copper	63-2	47485	46121	46903	46836	1.46	cps
Dysprosium	156-1	5368	5324	5581	5424	2.53	cps
Dysprosium	156-2	4567	4494	4527	4530	0.81	cps
Erbium	164-1	4017	4084	3914	4005	2.14	cps
Erbium	164-2	2644	2600	2654	2632	1.08	cps
Gadolinium	160-1	5208	5091	4968	5089	2.36	cps
Gadolinium	160-2	4734	4607	4698	4680	1.39	cps
Holmium	165-1	33210490	33460522	32527045	33066019	1.46	cps
Holmium	165-2	22243604	22287469	22074896	22201990	0.51	cps
Indium	115-1	29756483	29193915	29030792	29327063	1.30	cps
Indium	115-2	10030522	9865095	9949119	9948245	0.83	cps
Iron	56-2	25112383	25199312	25133989	25148561	0.18	cps
Iron	57-2	646086	648402	647927	647471	0.19	cps
Iron	54-2	1413492	1391259	1382341	1395697	1.15	cps
Krypton	83-1	370	437	363	390	10.40	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:31:43	DataFile Name :	221SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13567	13307	13897	13590	2.18	cps
Lead	207-1	11175	11261	11598	11345	1.97	cps
Lead	208-1	52426	52500	53341	52756	0.96	cps
Lithium	6-1	2786138	2701476	2765900	2751171	1.61	cps
Magnesium	24-2	547773	543152	539764	543563	0.74	cps
Manganese	55-2	558674	557464	561386	559175	0.36	cps
Molybdenum	94-1	11104	11445	11535	11361	2.00	cps
Molybdenum	95-1	433	460	473	456	4.47	cps
Molybdenum	96-1	2797	2560	2827	2728	5.36	cps
Molybdenum	97-1	370	313	343	342	8.28	cps
Molybdenum	98-1	703	740	713	719	2.64	cps
Neodymium	150-1	11211	11061	11144	11139	0.68	cps
Neodymium	150-2	6692	6452	6482	6542	2.00	cps
Nickel	60-2	14067	13613	13967	13882	1.72	cps
Phosphorus	31-2	1743	1740	1920	1801	5.72	cps
Potassium	39-2	211593	210526	212367	211495	0.44	cps
Rhodium	103-1	28764237	29031679	28346175	28714030	1.20	cps
Rhodium	103-2	16917643	16854569	16813970	16862061	0.31	cps
Scandium	45-1	16091043	16092907	15790106	15991352	1.09	cps
Scandium	45-2	1297737	1310500	1316848	1308362	0.74	cps
Selenium	82-1	1613	1626	1539	1593	2.94	cps
Selenium	77-2	27	30	13	23	37.81	cps
Selenium	78-2	533	500	547	527	4.56	cps
Silicon	28-1	4539733	4573263	4499897	4537631	0.81	cps
Silver	107-1	377	340	420	379	10.57	cps
Silver	109-1	277	247	290	271	8.19	cps
Sodium	23-2	65820	66235	66185	66080	0.34	cps
Strontium	86-1	23686	23482	24016	23728	1.14	cps
Strontium	88-1	201606	200707	202066	201460	0.34	cps
Sulfur	34-1	264251	263312	263091	263551	0.23	cps
Terbium	159-1	34303119	34442575	33788291	34177995	1.01	cps
Terbium	159-2	22300879	22308052	22389638	22332856	0.22	cps
Thallium	203-1	547	553	510	537	4.35	cps
Thallium	205-1	1190	1323	1283	1266	5.41	cps
Tin	118-1	8710	8559	8696	8655	0.96	cps
Titanium	47-1	60236	60614	60946	60598	0.59	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5N2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:31:43	DataFile Name :	221SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1600	1667	1463	1577	6.57	cps
Vanadium	51-2	40531	40484	41517	40844	1.43	cps
Yttrium	89-1	40178154	40715664	39422440	40105419	1.62	cps
Yttrium	89-2	9962608	9869948	9930249	9920935	0.47	cps
Zinc	66-2	16926	16643	16713	16761	0.88	cps
Zirconium	90-1	30575	30699	30468	30581	0.38	cps
Zirconium	91-1	6658	6902	6662	6740	2.07	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:34:56	DataFile Name :	222SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2698924	2754281	2731430	2728212	1.02	cps
Antimony	121-1	486157	490898	491305	489453	0.58	cps
Arsenic	75-2	38670	38523	38587	38593	0.19	cps
Barium	135-1	2587883	2642956	2623351	2618063	1.07	cps
Barium	137-1	4490909	4524940	4500177	4505342	0.39	cps
Beryllium	9-1	19707	20119	20141	19989	1.22	cps
Bismuth	209-1	19173513	19241651	19035883	19150349	0.55	cps
Bismuth	209-2	14948594	15101104	14910466	14986721	0.67	cps
Bromine	81-1	16359	16746	17020	16708	1.99	cps
Bromine	81-2	313	333	407	351	14.00	cps
Cadmium	108-1	4337	4514	4444	4432	2.01	cps
Cadmium	106-1	16216	16069	15932	16072	0.88	cps
Cadmium	111-1	70806	71540	70897	71081	0.56	cps
Calcium	43-1	686416	688360	690677	688484	0.31	cps
Calcium	44-1	10614978	10782761	10690623	10696121	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	529896	523852	524526	526091	0.63	cps
Cobalt	59-2	1637798	1626788	1615225	1626603	0.69	cps
Copper	63-2	758170	755416	756655	756747	0.18	cps
Dysprosium	156-1	28212	27934	27858	28001	0.67	cps
Dysprosium	156-2	23443	23767	23533	23581	0.71	cps
Erbium	164-1	19337	19410	19874	19540	1.49	cps
Erbium	164-2	13477	13256	13263	13332	0.94	cps
Gadolinium	160-1	25941	26048	24896	25628	2.48	cps
Gadolinium	160-2	19370	19243	19116	19243	0.66	cps
Holmium	165-1	33155570	33039039	33282359	33158989	0.37	cps
Holmium	165-2	22393096	22455318	22136375	22328263	0.76	cps
Indium	115-1	29305223	29694843	29346940	29449002	0.73	cps
Indium	115-2	9797579	9997668	9782177	9859141	1.22	cps
Iron	56-2	131608188	130331415	129835168	130591590	0.70	cps
Iron	57-2	3258782	3248048	3315318	3274049	1.10	cps
Iron	54-2	7089973	7144557	7086778	7107103	0.46	cps
Krypton	83-1	360	377	410	382	6.66	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:34:56	DataFile Name :	222SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	126149	128131	129681	127987	1.38	cps
Lead	207-1	108143	109426	108016	108528	0.72	cps
Lead	208-1	494451	500796	498553	497933	0.65	cps
Lithium	6-1	2845833	2677136	2776820	2766597	3.07	cps
Magnesium	24-2	2845579	2848624	2838135	2844113	0.19	cps
Manganese	55-2	3516792	3522147	3442301	3493747	1.28	cps
Molybdenum	94-1	54775	54437	54213	54475	0.52	cps
Molybdenum	95-1	2020	2280	2140	2147	6.06	cps
Molybdenum	96-1	12649	12078	12419	12382	2.32	cps
Molybdenum	97-1	1290	1370	1333	1331	3.01	cps
Molybdenum	98-1	3377	3494	3224	3365	4.03	cps
Neodymium	150-1	57433	56770	58163	57455	1.21	cps
Neodymium	150-2	32805	33045	32788	32879	0.44	cps
Nickel	60-2	453761	452260	451353	452458	0.27	cps
Phosphorus	31-2	8122	8029	7915	8022	1.29	cps
Potassium	39-2	745474	749424	754380	749759	0.60	cps
Rhodium	103-1	28452866	28664477	28152653	28423332	0.90	cps
Rhodium	103-2	16552356	16791600	16601324	16648427	0.76	cps
Scandium	45-1	16062987	16154694	15939621	16052434	0.67	cps
Scandium	45-2	1312150	1325254	1305908	1314437	0.75	cps
Selenium	82-1	8492	8264	8403	8386	1.37	cps
Selenium	77-2	770	743	757	757	1.76	cps
Selenium	78-2	2850	2797	2717	2788	2.41	cps
Silicon	28-1	17354891	17129020	17415298	17299736	0.87	cps
Silver	107-1	251310	255640	253998	253649	0.86	cps
Silver	109-1	236275	239915	240413	238868	0.95	cps
Sodium	23-2	98499	99009	99455	98988	0.48	cps
Strontium	86-1	116073	117534	117817	117141	0.80	cps
Strontium	88-1	1018002	1023053	1030597	1023884	0.62	cps
Sulfur	34-1	268161	271506	268025	269230	0.73	cps
Terbium	159-1	34142821	34380369	34238657	34253949	0.35	cps
Terbium	159-2	22070411	22306231	22505511	22294051	0.98	cps
Thallium	203-1	198092	197288	198283	197888	0.27	cps
Thallium	205-1	464601	468022	474413	469012	1.06	cps
Tin	118-1	15298	15362	16821	15827	5.44	cps
Titanium	47-1	302497	302627	301902	302342	0.13	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:34:56	DataFile Name :	222SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7956	8056	8399	8137	2.86	cps
Vanadium	51-2	972285	976740	978175	975733	0.31	cps
Yttrium	89-1	40324118	40384002	40204156	40304092	0.23	cps
Yttrium	89-2	10032495	9968852	10001521	10000956	0.32	cps
Zinc	66-2	239772	239345	238275	239130	0.32	cps
Zirconium	90-1	143738	145283	145761	144927	0.73	cps
Zirconium	91-1	31988	32088	33114	32397	1.92	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:38:04	DataFile Name :	223SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3253313	3200461	3119012	3190929	2.12	cps
Antimony	121-1	1888060	1915861	1945766	1916562	1.51	cps
Arsenic	75-2	68226	67138	67623	67662	0.81	cps
Barium	135-1	9385198	9682503	9473877	9513859	1.60	cps
Barium	137-1	16204382	16593591	16436334	16411436	1.19	cps
Beryllium	9-1	78994	82619	82741	81451	2.61	cps
Bismuth	209-1	18461014	19364463	19398990	19074822	2.79	cps
Bismuth	209-2	15923885	16562501	15845507	16110631	2.44	cps
Bromine	81-1	16009	16826	16963	16599	3.11	cps
Bromine	81-2	360	323	297	327	9.73	cps
Cadmium	108-1	17003	16920	16676	16867	1.01	cps
Cadmium	106-1	32921	33542	33492	33318	1.04	cps
Cadmium	111-1	259007	261145	263121	261091	0.79	cps
Calcium	43-1	665785	671108	676929	671274	0.83	cps
Calcium	44-1	10419841	10414195	10458164	10430733	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1720441	1700092	1707897	1709476	0.60	cps
Cobalt	59-2	6308654	6347655	6243834	6300048	0.83	cps
Copper	63-2	2450058	2431693	2383725	2421826	1.41	cps
Dysprosium	156-1	27484	28015	27991	27830	1.08	cps
Dysprosium	156-2	23480	23082	23536	23366	1.06	cps
Erbium	164-1	18896	19497	19924	19439	2.66	cps
Erbium	164-2	12592	12879	12836	12769	1.21	cps
Gadolinium	160-1	25133	26064	25800	25666	1.87	cps
Gadolinium	160-2	19624	19006	18859	19163	2.12	cps
Holmium	165-1	31383055	33032421	33556083	32657186	3.47	cps
Holmium	165-2	23726362	24839928	23539125	24035139	2.93	cps
Indium	115-1	28051213	28852561	29217265	28707013	2.08	cps
Indium	115-2	10531506	10970120	10381231	10627619	2.88	cps
Iron	56-2	133563508	134110708	131676528	133116915	0.96	cps
Iron	57-2	3295169	3345863	3349988	3330340	0.92	cps
Iron	54-2	7402037	7482377	7314121	7399512	1.14	cps
Krypton	83-1	337	423	370	377	11.61	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:38:04	DataFile Name :	223SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	316614	320783	321036	319478	0.78	cps
Lead	207-1	267859	272986	272158	271001	1.02	cps
Lead	208-1	1240885	1257946	1257515	1252115	0.78	cps
Lithium	6-1	2709939	2735111	2804730	2749927	1.79	cps
Magnesium	24-2	2847752	2772602	2752080	2790811	1.80	cps
Manganese	55-2	5584163	5654336	5603340	5613946	0.65	cps
Molybdenum	94-1	51383	54725	53959	53356	3.28	cps
Molybdenum	95-1	2130	2247	2140	2172	2.98	cps
Molybdenum	96-1	12232	12786	12892	12637	2.81	cps
Molybdenum	97-1	1117	1407	1283	1269	11.47	cps
Molybdenum	98-1	3624	3524	3497	3548	1.88	cps
Neodymium	150-1	54997	57925	56677	56533	2.60	cps
Neodymium	150-2	31796	31669	31535	31667	0.41	cps
Nickel	60-2	1715069	1707446	1711781	1711432	0.22	cps
Phosphorus	31-2	8179	8032	7902	8038	1.72	cps
Potassium	39-2	746550	738427	735985	740321	0.75	cps
Rhodium	103-1	27209065	28570120	28625390	28134858	2.85	cps
Rhodium	103-2	17791419	18503711	17783787	18026306	2.29	cps
Scandium	45-1	15395261	15661401	15864759	15640474	1.51	cps
Scandium	45-2	1374281	1474824	1400165	1416423	3.69	cps
Selenium	82-1	32380	33369	33115	32954	1.56	cps
Selenium	77-2	3010	3024	2874	2969	2.80	cps
Selenium	78-2	10644	10140	10357	10380	2.43	cps
Silicon	28-1	16706383	17105609	17012285	16941426	1.23	cps
Silver	107-1	1029086	1053334	1054185	1045535	1.36	cps
Silver	109-1	974771	1005107	986026	988634	1.55	cps
Sodium	23-2	98992	98509	99200	98900	0.36	cps
Strontium	86-1	114904	116012	117524	116147	1.13	cps
Strontium	88-1	997592	1012730	1015537	1008620	0.96	cps
Sulfur	34-1	264936	261324	265177	263812	0.82	cps
Terbium	159-1	32394723	34050269	34013201	33486064	2.82	cps
Terbium	159-2	23857042	24664490	23280625	23934053	2.90	cps
Thallium	203-1	778211	793927	794349	788829	1.17	cps
Thallium	205-1	1848709	1860420	1910658	1873262	1.76	cps
Tin	118-1	15288	15362	15475	15375	0.61	cps
Titanium	47-1	297008	302198	297273	298827	0.98	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4589-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5N2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:38:04	DataFile Name :	223SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7862	7949	8393	8068	3.53	cps
Vanadium	51-2	3447791	3419616	3437887	3435098	0.42	cps
Yttrium	89-1	38782410	39957095	40507341	39748949	2.22	cps
Yttrium	89-2	10661997	10973332	10511040	10715456	2.20	cps
Zinc	66-2	790912	786982	783542	787145	0.47	cps
Zirconium	90-1	141046	143836	142298	142394	0.98	cps
Zirconium	91-1	31905	31731	32179	31938	0.71	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:47:37	DataFile Name :	226SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6529763	6627322	6663696	6606927	1.05	cps
Antimony	121-1	7132	7605	7575	7438	3.57	cps
Arsenic	75-2	35543	35639	35533	35572	0.17	cps
Barium	135-1	1477905	1487175	1482463	1482514	0.31	cps
Barium	137-1	2590094	2583535	2555713	2576448	0.71	cps
Beryllium	9-1	933	883	917	911	2.79	cps
Bismuth	209-1	19266501	18885953	19045561	19066005	1.00	cps
Bismuth	209-2	14843721	14730005	14814252	14795993	0.40	cps
Bromine	81-1	17621	17757	18135	17838	1.49	cps
Bromine	81-2	733	667	693	698	4.81	cps
Cadmium	108-1	320	283	263	289	9.95	cps
Cadmium	106-1	10390	10367	10624	10461	1.36	cps
Cadmium	111-1	8159	8059	8339	8186	1.74	cps
Calcium	43-1	1166593	1166680	1168729	1167334	0.10	cps
Calcium	44-1	18042203	18228060	18233206	18167823	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267810	266594	267371	267258	0.23	cps
Cobalt	59-2	215539	215434	216277	215750	0.21	cps
Copper	63-2	438025	437867	437537	437810	0.06	cps
Dysprosium	156-1	59756	59194	58699	59216	0.89	cps
Dysprosium	156-2	50537	50547	50832	50639	0.33	cps
Erbium	164-1	44962	45444	44668	45024	0.87	cps
Erbium	164-2	30493	30500	30704	30566	0.39	cps
Gadolinium	160-1	55583	55279	55275	55379	0.32	cps
Gadolinium	160-2	40278	39947	39726	39984	0.69	cps
Holmium	165-1	33358550	32945097	32711839	33005162	0.99	cps
Holmium	165-2	22449636	22090471	22153856	22231321	0.86	cps
Indium	115-1	29232775	29687184	29341406	29420455	0.81	cps
Indium	115-2	9936597	9840735	10041754	9939695	1.01	cps
Iron	56-2	219010330	215919490	216519543	217149788	0.75	cps
Iron	57-2	5286274	5391818	5320975	5333022	1.01	cps
Iron	54-2	11894907	11689760	11868072	11817580	0.94	cps
Krypton	83-1	430	403	437	423	4.17	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:47:37	DataFile Name :	226SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	135632	136403	135881	135972	0.29	cps
Lead	207-1	113409	113751	114951	114037	0.71	cps
Lead	208-1	522166	525804	527162	525044	0.49	cps
Lithium	6-1	2865573	2771452	2871980	2836335	1.98	cps
Magnesium	24-2	6260827	6446198	6313660	6340228	1.51	cps
Manganese	55-2	5103850	4983888	5023679	5037139	1.21	cps
Molybdenum	94-1	83241	83101	84612	83651	1.00	cps
Molybdenum	95-1	3014	2874	3037	2975	2.97	cps
Molybdenum	96-1	19196	19253	18719	19056	1.54	cps
Molybdenum	97-1	1893	2040	1773	1902	7.02	cps
Molybdenum	98-1	4607	4677	4541	4609	1.48	cps
Neodymium	150-1	123129	122305	124927	123454	1.09	cps
Neodymium	150-2	72157	70596	70512	71088	1.30	cps
Nickel	60-2	140071	140719	138311	139700	0.89	cps
Phosphorus	31-2	25939	25445	25782	25722	0.98	cps
Potassium	39-2	2497795	2511090	2485284	2498056	0.52	cps
Rhodium	103-1	29089293	28269452	28349770	28569505	1.58	cps
Rhodium	103-2	17017036	16592306	16841235	16816859	1.27	cps
Scandium	45-1	16320859	16630329	16275579	16408922	1.18	cps
Scandium	45-2	1335018	1348642	1350416	1344692	0.63	cps
Selenium	82-1	1883	1860	1880	1874	0.66	cps
Selenium	77-2	247	193	243	228	13.12	cps
Selenium	78-2	627	677	680	661	4.52	cps
Silicon	28-1	16291571	16200259	16281838	16257889	0.31	cps
Silver	107-1	2100	2380	2377	2286	7.03	cps
Silver	109-1	2067	1873	2150	2030	6.99	cps
Sodium	23-2	131577	131469	132098	131714	0.26	cps
Strontium	86-1	739116	745791	752977	745961	0.93	cps
Strontium	88-1	6586871	6682103	6588297	6619091	0.82	cps
Sulfur	34-1	279407	277257	277151	277938	0.46	cps
Terbium	159-1	34257095	33962503	33822166	34013921	0.65	cps
Terbium	159-2	22135060	22190884	22319750	22215231	0.43	cps
Thallium	203-1	2430	2387	2130	2316	7.00	cps
Thallium	205-1	5364	5211	5198	5258	1.76	cps
Tin	118-1	21703	21767	20805	21425	2.51	cps
Titanium	47-1	758607	759648	756371	758208	0.22	cps

Reviewed By:mohan
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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:47:37	DataFile Name :	226SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22309	22279	22152	22246	0.37	cps
Vanadium	51-2	410815	410712	410975	410834	0.03	cps
Yttrium	89-1	41286757	41737699	41115241	41379899	0.78	cps
Yttrium	89-2	10324741	10235406	10126362	10228836	0.97	cps
Zinc	66-2	114885	115563	115677	115375	0.37	cps
Zirconium	90-1	222378	225814	225101	224431	0.81	cps
Zirconium	91-1	50133	50640	50202	50325	0.55	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:50:46	DataFile Name :	227SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6967990	6894916	6889891	6917599	0.63	cps
Antimony	121-1	7365	7832	7756	7651	3.27	cps
Arsenic	75-2	40749	40559	41007	40771	0.55	cps
Barium	135-1	1556059	1557959	1567045	1560354	0.38	cps
Barium	137-1	2720672	2676802	2694693	2697389	0.82	cps
Beryllium	9-1	939	861	917	906	4.42	cps
Bismuth	209-1	19011221	19363547	19453788	19276185	1.21	cps
Bismuth	209-2	15026597	15107618	14754813	14963009	1.24	cps
Bromine	81-1	17881	17824	18258	17988	1.31	cps
Bromine	81-2	690	723	733	716	3.17	cps
Cadmium	108-1	273	307	293	291	5.76	cps
Cadmium	106-1	10554	10784	10450	10596	1.61	cps
Cadmium	111-1	8296	8461	8210	8322	1.53	cps
Calcium	43-1	1195448	1194270	1184968	1191562	0.48	cps
Calcium	44-1	18355008	18509607	18668718	18511111	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	282965	281915	281744	282208	0.23	cps
Cobalt	59-2	226708	227053	224460	226074	0.62	cps
Copper	63-2	467550	466043	469065	467552	0.32	cps
Dysprosium	156-1	61581	62348	62040	61989	0.62	cps
Dysprosium	156-2	51427	51966	51875	51756	0.56	cps
Erbium	164-1	45256	46845	46300	46134	1.75	cps
Erbium	164-2	31870	31856	31983	31903	0.22	cps
Gadolinium	160-1	57303	58030	58163	57832	0.80	cps
Gadolinium	160-2	41381	41552	42006	41646	0.78	cps
Holmium	165-1	33536087	33109800	33336459	33327449	0.64	cps
Holmium	165-2	22615695	22486218	22063726	22388546	1.29	cps
Indium	115-1	29648461	29735922	29298731	29561038	0.78	cps
Indium	115-2	10006949	10014191	9914268	9978469	0.56	cps
Iron	56-2	231110837	228517150	228339483	229322490	0.68	cps
Iron	57-2	5698544	5671341	5611063	5660316	0.79	cps
Iron	54-2	12360958	12404893	12494544	12420131	0.55	cps
Krypton	83-1	457	403	430	430	6.20	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:50:46	DataFile Name :	227SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	149150	148589	151096	149612	0.88	cps
Lead	207-1	126293	125665	124397	125452	0.77	cps
Lead	208-1	579416	576894	581237	579182	0.38	cps
Lithium	6-1	2681335	2708045	2697991	2695790	0.50	cps
Magnesium	24-2	6785473	6789038	6639727	6738079	1.26	cps
Manganese	55-2	5204358	5101993	5192657	5166336	1.08	cps
Molybdenum	94-1	86731	87211	88022	87321	0.75	cps
Molybdenum	95-1	3224	3274	3204	3234	1.12	cps
Molybdenum	96-1	20114	20030	20391	20178	0.94	cps
Molybdenum	97-1	1860	1943	2120	1975	6.72	cps
Molybdenum	98-1	4487	5091	4831	4803	6.30	cps
Neodymium	150-1	123926	126622	127274	125941	1.41	cps
Neodymium	150-2	72301	71869	72827	72332	0.66	cps
Nickel	60-2	149426	148221	146539	148062	0.98	cps
Phosphorus	31-2	24379	24920	24566	24622	1.12	cps
Potassium	39-2	2634668	2632914	2650730	2639437	0.37	cps
Rhodium	103-1	28585419	28833435	29051326	28823393	0.81	cps
Rhodium	103-2	16939416	16918556	16667732	16841902	0.90	cps
Scandium	45-1	16377559	16364400	16454047	16398669	0.30	cps
Scandium	45-2	1335528	1341167	1338391	1338362	0.21	cps
Selenium	82-1	1879	1920	1933	1911	1.47	cps
Selenium	77-2	240	247	227	238	4.28	cps
Selenium	78-2	797	643	650	697	12.44	cps
Silicon	28-1	16464820	16385668	16307409	16385965	0.48	cps
Silver	107-1	2257	2227	2487	2324	6.12	cps
Silver	109-1	1923	2120	2147	2064	5.91	cps
Sodium	23-2	136522	136048	136851	136473	0.30	cps
Strontium	86-1	769768	776171	776311	774083	0.48	cps
Strontium	88-1	6745546	6855858	6864883	6822096	0.97	cps
Sulfur	34-1	276011	276551	276392	276318	0.10	cps
Terbium	159-1	34368859	34133751	34506756	34336455	0.55	cps
Terbium	159-2	22394746	22494621	22462061	22450476	0.23	cps
Thallium	203-1	2194	2154	2184	2177	0.96	cps
Thallium	205-1	5014	5101	4891	5002	2.11	cps
Tin	118-1	22808	22802	23321	22977	1.30	cps
Titanium	47-1	768825	781977	776787	775863	0.85	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:50:46	DataFile Name :	227SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23965	23524	23531	23673	1.07	cps
Vanadium	51-2	438020	438048	431843	435971	0.82	cps
Yttrium	89-1	41110576	41609339	40760299	41160071	1.04	cps
Yttrium	89-2	10271874	10203813	10151206	10208964	0.59	cps
Zinc	66-2	124164	122666	123754	123528	0.63	cps
Zirconium	90-1	232739	234514	234540	233931	0.44	cps
Zirconium	91-1	52590	52821	52798	52736	0.24	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:53:54	DataFile Name :	228SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1298040	1279886	1270615	1282847	1.09	cps
Antimony	121-1	1550	1557	1580	1562	1.01	cps
Arsenic	75-2	6892	6582	6995	6823	3.15	cps
Barium	135-1	290550	294195	293126	292624	0.64	cps
Barium	137-1	501127	500112	500844	500694	0.10	cps
Beryllium	9-1	211	156	272	213	27.40	cps
Bismuth	209-1	19538160	19795021	19620034	19651072	0.67	cps
Bismuth	209-2	15195819	15452993	15295925	15314912	0.85	cps
Bromine	81-1	16136	16326	15929	16130	1.23	cps
Bromine	81-2	240	263	233	246	6.42	cps
Cadmium	108-1	100	103	63	89	24.97	cps
Cadmium	106-1	10477	9973	9903	10118	3.09	cps
Cadmium	111-1	7531	7182	7135	7283	2.97	cps
Calcium	43-1	229111	228789	227398	228433	0.40	cps
Calcium	44-1	3575365	3575270	3552172	3567602	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54960	54675	54264	54633	0.64	cps
Cobalt	59-2	42918	42811	42801	42843	0.15	cps
Copper	63-2	87866	88054	87460	87793	0.35	cps
Dysprosium	156-1	11408	11688	11655	11584	1.32	cps
Dysprosium	156-2	9924	9984	9964	9957	0.31	cps
Erbium	164-1	8766	9203	9020	8996	2.44	cps
Erbium	164-2	6025	5958	6018	6000	0.61	cps
Gadolinium	160-1	10844	10901	11118	10954	1.32	cps
Gadolinium	160-2	8619	8830	8930	8793	1.80	cps
Holmium	165-1	33569444	33503317	33255442	33442734	0.49	cps
Holmium	165-2	22596689	22731388	22297342	22541806	0.99	cps
Indium	115-1	29961698	29865470	30221198	30016122	0.61	cps
Indium	115-2	10087752	10049863	10142436	10093350	0.46	cps
Iron	56-2	41974614	41650683	41608258	41744518	0.48	cps
Iron	57-2	1069596	1063098	1073451	1068715	0.49	cps
Iron	54-2	2301073	2267011	2292782	2286955	0.78	cps
Krypton	83-1	357	430	280	356	21.09	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:53:54	DataFile Name :	228SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27254	28393	27668	27772	2.08	cps
Lead	207-1	23497	23721	23213	23477	1.08	cps
Lead	208-1	107362	109535	108339	108412	1.00	cps
Lithium	6-1	2784904	2780878	2801927	2789237	0.40	cps
Magnesium	24-2	1250973	1250190	1249240	1250134	0.07	cps
Manganese	55-2	975088	965921	978471	973160	0.67	cps
Molybdenum	94-1	17093	16943	17277	17105	0.98	cps
Molybdenum	95-1	613	653	657	641	3.76	cps
Molybdenum	96-1	4141	4154	3894	4063	3.60	cps
Molybdenum	97-1	443	503	447	464	7.26	cps
Molybdenum	98-1	977	1073	997	1016	5.02	cps
Neodymium	150-1	23940	24081	23540	23854	1.18	cps
Neodymium	150-2	14087	14167	13844	14033	1.20	cps
Nickel	60-2	28327	28166	27699	28064	1.16	cps
Phosphorus	31-2	5291	4958	5054	5101	3.36	cps
Potassium	39-2	567320	565081	560500	564300	0.62	cps
Rhodium	103-1	29170353	29496442	29135646	29267480	0.68	cps
Rhodium	103-2	17150026	17002246	17017843	17056705	0.48	cps
Scandium	45-1	16237966	16547577	16290756	16358766	1.01	cps
Scandium	45-2	1325864	1339123	1313861	1326283	0.95	cps
Selenium	82-1	1968	1875	1854	1899	3.21	cps
Selenium	77-2	53	47	43	48	10.66	cps
Selenium	78-2	610	563	613	596	4.69	cps
Silicon	28-1	4334020	4385295	4354431	4357915	0.59	cps
Silver	107-1	650	600	690	647	6.97	cps
Silver	109-1	563	533	497	531	6.29	cps
Sodium	23-2	70042	70105	69924	70024	0.13	cps
Strontium	86-1	145147	144034	146272	145151	0.77	cps
Strontium	88-1	1269997	1284559	1274739	1276432	0.58	cps
Sulfur	34-1	273809	271305	273205	272773	0.48	cps
Terbium	159-1	34585429	34277865	34522996	34462097	0.47	cps
Terbium	159-2	22554256	22465421	22408696	22476125	0.33	cps
Thallium	203-1	817	680	583	693	16.91	cps
Thallium	205-1	1447	1503	1347	1432	5.54	cps
Tin	118-1	10376	9673	9777	9942	3.81	cps
Titanium	47-1	144943	147386	147292	146540	0.94	cps

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On:11/14/2024
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5K5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 00:53:54	DataFile Name :	228SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4257	4784	4457	4500	5.91	cps
Vanadium	51-2	80249	78332	80014	79531	1.31	cps
Yttrium	89-1	40677910	40824285	41193511	40898569	0.65	cps
Yttrium	89-2	10157482	10179148	10098649	10145093	0.41	cps
Zinc	66-2	26290	26564	26133	26329	0.83	cps
Zirconium	90-1	45761	46029	46383	46058	0.68	cps
Zirconium	91-1	10130	10017	9963	10037	0.85	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:57:08	DataFile Name :	229SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7495960	7454017	7479714	7476563	0.28	cps
Antimony	121-1	513386	517930	513282	514866	0.52	cps
Arsenic	75-2	50111	50392	49131	49878	1.33	cps
Barium	135-1	3951462	3989805	4004747	3982005	0.69	cps
Barium	137-1	6758493	6958607	6805863	6840988	1.53	cps
Beryllium	9-1	21610	21955	22055	21873	1.07	cps
Bismuth	209-1	19287625	19437533	19484756	19403305	0.53	cps
Bismuth	209-2	14962766	15007450	15078169	15016128	0.39	cps
Bromine	81-1	18111	18498	18782	18464	1.82	cps
Bromine	81-2	677	683	797	719	9.38	cps
Cadmium	108-1	4934	5021	4924	4960	1.07	cps
Cadmium	106-1	17127	17063	16873	17021	0.78	cps
Cadmium	111-1	76246	77198	77461	76968	0.83	cps
Calcium	43-1	1228963	1215546	1223791	1222767	0.55	cps
Calcium	44-1	19613602	19537998	19936673	19696091	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	691605	687466	689481	689518	0.30	cps
Cobalt	59-2	1850825	1841614	1833937	1842126	0.46	cps
Copper	63-2	1040299	1042414	1045377	1042697	0.24	cps
Dysprosium	156-1	65194	66343	66272	65936	0.98	cps
Dysprosium	156-2	54472	55151	54857	54826	0.62	cps
Erbium	164-1	49678	50193	49073	49648	1.13	cps
Erbium	164-2	33550	33878	34229	33885	1.00	cps
Gadolinium	160-1	60697	61508	61498	61234	0.76	cps
Gadolinium	160-2	43524	43915	44357	43932	0.95	cps
Holmium	165-1	33847729	33689966	33324810	33620835	0.80	cps
Holmium	165-2	22787185	22517426	22452076	22585562	0.79	cps
Indium	115-1	29599567	30231696	30086152	29972472	1.10	cps
Indium	115-2	10146393	9951361	10134767	10077507	1.09	cps
Iron	56-2	241866443	238640736	241552883	240686688	0.74	cps
Iron	57-2	5910521	5868230	5838129	5872293	0.62	cps
Iron	54-2	12995035	12748144	13043854	12929011	1.23	cps
Krypton	83-1	373	437	487	432	13.14	cps

Reviewed By:mohan
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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:57:08	DataFile Name :	229SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	218666	221324	219040	219677	0.66	cps
Lead	207-1	183576	185850	186719	185382	0.88	cps
Lead	208-1	848311	863682	860103	857366	0.94	cps
Lithium	6-1	2904988	2856742	2792263	2851331	1.98	cps
Magnesium	24-2	7092827	6984572	7028724	7035374	0.77	cps
Manganese	55-2	6203909	6081486	6229229	6171541	1.28	cps
Molybdenum	94-1	92557	91785	92550	92297	0.48	cps
Molybdenum	95-1	3370	3380	3314	3355	1.07	cps
Molybdenum	96-1	20528	21152	21409	21030	2.16	cps
Molybdenum	97-1	1937	2137	2013	2029	4.97	cps
Molybdenum	98-1	5164	5111	5181	5152	0.71	cps
Neodymium	150-1	133999	137839	137132	136324	1.50	cps
Neodymium	150-2	77609	76338	76479	76809	0.91	cps
Nickel	60-2	567001	565483	567902	566795	0.22	cps
Phosphorus	31-2	27658	27789	27785	27744	0.27	cps
Potassium	39-2	2765697	2731226	2773566	2756830	0.82	cps
Rhodium	103-1	29032712	29032097	29138455	29067755	0.21	cps
Rhodium	103-2	17158606	16932960	17034704	17042090	0.66	cps
Scandium	45-1	16706019	16463829	16595098	16588315	0.73	cps
Scandium	45-2	1379275	1339114	1360192	1359527	1.48	cps
Selenium	82-1	11034	11147	11197	11126	0.75	cps
Selenium	77-2	917	1167	1017	1033	12.18	cps
Selenium	78-2	3614	3497	3530	3547	1.69	cps
Silicon	28-1	17506182	17445828	17451894	17467968	0.19	cps
Silver	107-1	270236	273295	276249	273260	1.10	cps
Silver	109-1	257045	256967	260432	258148	0.77	cps
Sodium	23-2	139730	139095	141554	140126	0.91	cps
Strontium	86-1	807332	818285	824544	816720	1.07	cps
Strontium	88-1	7248494	7219658	7239822	7235991	0.20	cps
Sulfur	34-1	281953	280807	277969	280243	0.73	cps
Terbium	159-1	35008048	34912750	35307912	35076237	0.59	cps
Terbium	159-2	22454926	22820608	22889857	22721797	1.03	cps
Thallium	203-1	212139	213375	212403	212639	0.31	cps
Thallium	205-1	503830	510350	505975	506718	0.66	cps
Tin	118-1	22615	22401	23129	22715	1.65	cps
Titanium	47-1	817844	823271	820736	820617	0.33	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 00:57:08	DataFile Name :	229SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24650	25404	25311	25122	1.64	cps
Vanadium	51-2	1318121	1289782	1312218	1306707	1.14	cps
Yttrium	89-1	42070919	41256059	41915227	41747402	1.04	cps
Yttrium	89-2	10536781	10214670	10470334	10407262	1.63	cps
Zinc	66-2	314001	310132	310415	311516	0.69	cps
Zirconium	90-1	242244	244818	245150	244071	0.65	cps
Zirconium	91-1	53872	54266	53678	53939	0.56	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 01:00:11	DataFile Name :	230SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6720361	6681781	6612397	6671513	0.82	cps
Antimony	121-1	1798459	1796245	1803806	1799503	0.22	cps
Arsenic	75-2	69408	70048	68326	69261	1.26	cps
Barium	135-1	9646445	9719243	9768898	9711529	0.63	cps
Barium	137-1	16488901	16559634	16766566	16605034	0.87	cps
Beryllium	9-1	75019	74466	76515	75333	1.41	cps
Bismuth	209-1	19663802	19856417	16564936	18695052	9.88	cps
Bismuth	209-2	15149991	15021061	14978064	15049705	0.59	cps
Bromine	81-1	18078	18749	17794	18207	2.69	cps
Bromine	81-2	583	617	653	618	5.67	cps
Cadmium	108-1	16219	15412	16246	15959	2.97	cps
Cadmium	106-1	32797	32126	30632	31852	3.48	cps
Cadmium	111-1	245945	247215	249964	247708	0.83	cps
Calcium	43-1	1053678	1050294	1065593	1056522	0.76	cps
Calcium	44-1	16335792	16314246	16583083	16411040	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1651747	1684603	1626211	1654187	1.77	cps
Cobalt	59-2	5925625	5807454	5818776	5850618	1.11	cps
Copper	63-2	2466245	2447009	2397002	2436752	1.47	cps
Dysprosium	156-1	54703	54626	56687	55339	2.11	cps
Dysprosium	156-2	45928	45547	47426	46301	2.15	cps
Erbium	164-1	42130	41645	41996	41924	0.60	cps
Erbium	164-2	28609	28309	27397	28105	2.25	cps
Gadolinium	160-1	50584	51176	51447	51069	0.86	cps
Gadolinium	160-2	37132	37346	36848	37109	0.67	cps
Holmium	165-1	33629475	33820736	27934063	31794758	10.52	cps
Holmium	165-2	22336784	22441459	22174921	22317721	0.60	cps
Indium	115-1	30354193	29872775	24823665	28350211	10.81	cps
Indium	115-2	9843823	9869860	9911927	9875204	0.35	cps
Iron	56-2	205766804	203898650	202661157	204108870	0.77	cps
Iron	57-2	5031285	5030763	5021946	5027998	0.10	cps
Iron	54-2	11109734	11138517	11221550	11156600	0.52	cps
Krypton	83-1	387	527	437	450	15.77	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 01:00:11	DataFile Name :	230SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	367373	370419	371580	369791	0.59	cps
Lead	207-1	312626	316757	319256	316213	1.06	cps
Lead	208-1	1443304	1457558	1465387	1455416	0.77	cps
Lithium	6-1	2747210	2875540	2396072	2672941	9.29	cps
Magnesium	24-2	5960266	5848875	5779073	5862738	1.56	cps
Manganese	55-2	7063114	7111109	7070172	7081465	0.37	cps
Molybdenum	94-1	77483	77028	78097	77536	0.69	cps
Molybdenum	95-1	2770	2804	2884	2819	2.07	cps
Molybdenum	96-1	17791	18011	18088	17963	0.86	cps
Molybdenum	97-1	1723	1637	1890	1750	7.36	cps
Molybdenum	98-1	4361	4624	4834	4606	5.15	cps
Neodymium	150-1	114362	114043	114436	114281	0.18	cps
Neodymium	150-2	64112	62849	64182	63714	1.18	cps
Nickel	60-2	1615434	1641823	1631991	1629750	0.82	cps
Phosphorus	31-2	22460	22583	22179	22408	0.92	cps
Potassium	39-2	2270884	2203898	2237803	2237528	1.50	cps
Rhodium	103-1	29262006	29121455	24226416	27536626	10.41	cps
Rhodium	103-2	16725614	16635291	16606044	16655650	0.37	cps
Scandium	45-1	16512584	16652990	13688216	15617930	10.71	cps
Scandium	45-2	1340717	1337153	1348507	1342126	0.43	cps
Selenium	82-1	32141	32051	32062	32085	0.15	cps
Selenium	77-2	2914	3070	2980	2988	2.63	cps
Selenium	78-2	9983	10264	9790	10012	2.38	cps
Silicon	28-1	14853354	14965903	15095210	14971489	0.81	cps
Silver	107-1	960218	968540	969931	966229	0.54	cps
Silver	109-1	911800	916014	921597	916470	0.54	cps
Sodium	23-2	124075	125466	123937	124493	0.68	cps
Strontium	86-1	679977	680940	691477	684131	0.93	cps
Strontium	88-1	5997868	6072952	6044603	6038474	0.63	cps
Sulfur	34-1	276452	275698	272177	274776	0.83	cps
Terbium	159-1	35167124	34881394	28808930	32952483	10.90	cps
Terbium	159-2	22570216	22592806	22396830	22519951	0.48	cps
Thallium	203-1	741140	749365	750981	747162	0.71	cps
Thallium	205-1	1765509	1761426	1782580	1769838	0.63	cps
Tin	118-1	21364	22814	20181	21453	6.15	cps
Titanium	47-1	683358	689216	688846	687140	0.48	cps

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LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	P4588-14MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5K5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 01:00:11	DataFile Name :	230SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20843	21157	21491	21164	1.53	cps
Vanadium	51-2	3311557	3337242	3309901	3319567	0.46	cps
Yttrium	89-1	42329511	42042269	34504129	39625303	11.20	cps
Yttrium	89-2	10068360	10197748	10084873	10116994	0.70	cps
Zinc	66-2	766865	765603	759514	763994	0.51	cps
Zirconium	90-1	205588	206444	207745	206593	0.53	cps
Zirconium	91-1	45537	45333	46614	45828	1.50	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:03:10	DataFile Name :	231CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23284383	23143464	23434710	23287519	0.63	cps
Antimony	121-1	12611356	12433440	12510876	12518557	0.71	cps
Arsenic	75-2	661236	665314	661647	662733	0.34	cps
Barium	135-1	14890514	14716803	14801116	14802811	0.59	cps
Barium	137-1	25453215	25370267	25310017	25377833	0.28	cps
Beryllium	9-1	1103681	1092959	1100218	1098953	0.50	cps
Bismuth	209-1	18365653	17911910	17996490	18091351	1.33	cps
Bismuth	209-2	13839855	13936423	13616521	13797600	1.19	cps
Bromine	81-1	16126	15812	15712	15883	1.36	cps
Bromine	81-2	143	203	150	166	19.86	cps
Cadmium	108-1	243179	244246	243183	243536	0.25	cps
Cadmium	106-1	351196	350433	352010	351213	0.22	cps
Cadmium	111-1	3284693	3249731	3285919	3273448	0.63	cps
Calcium	43-1	15673684	15445574	15435564	15518274	0.87	cps
Calcium	44-1	253883656	254531970	249373996	252596541	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4826068	4848152	4827067	4833762	0.26	cps
Cobalt	59-2	8092139	8227374	8106867	8142127	0.91	cps
Copper	63-2	59282687	59613434	59153611	59349911	0.40	cps
Dysprosium	156-1	607	593	517	572	8.49	cps
Dysprosium	156-2	923	1057	1063	1014	7.79	cps
Erbium	164-1	737	733	717	729	1.47	cps
Erbium	164-2	403	493	537	478	14.24	cps
Gadolinium	160-1	633	613	573	607	5.04	cps
Gadolinium	160-2	1340	1393	1333	1356	2.43	cps
Holmium	165-1	33678468	32818958	32588770	33028732	1.74	cps
Holmium	165-2	22247207	22365569	21679931	22097569	1.66	cps
Indium	115-1	27846845	28138014	27510094	27831651	1.13	cps
Indium	115-2	9458260	9415553	9252022	9375278	1.16	cps
Iron	56-2	1075786571	1072109584	1082927744	1076941300	0.51	cps
Iron	57-2	26769637	26806469	26659476	26745194	0.29	cps
Iron	54-2	57918659	58574337	57802901	58098632	0.72	cps
Krypton	83-1	450	360	340	383	15.29	cps

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Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:03:10	DataFile Name :	231CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40607775	40723754	40526707	40619412	0.24	cps
Lead	207-1	36196788	35237107	35456999	35630298	1.41	cps
Lead	208-1	163933495	160394969	162226892	162185119	1.09	cps
Lithium	6-1	2783032	2810012	2791668	2794904	0.49	cps
Magnesium	24-2	201583504	203135710	200588744	201769319	0.64	cps
Manganese	55-2	36288920	36385948	36127108	36267325	0.36	cps
Molybdenum	94-1	45508441	45364196	45080816	45317818	0.48	cps
Molybdenum	95-1	65192591	65491634	65513619	65399281	0.27	cps
Molybdenum	96-1	71600056	72161709	71888819	71883528	0.39	cps
Molybdenum	97-1	40943294	41064597	40266564	40758152	1.06	cps
Molybdenum	98-1	104141772	105967038	102960615	104356475	1.45	cps
Neodymium	150-1	917	980	900	932	4.53	cps
Neodymium	150-2	297	263	280	280	5.95	cps
Nickel	60-2	2099576	2103771	2082680	2095342	0.53	cps
Phosphorus	31-2	237096	236288	238078	237154	0.38	cps
Potassium	39-2	121326395	122113698	121237652	121559248	0.40	cps
Rhodium	103-1	26212089	26163385	25234271	25869915	2.13	cps
Rhodium	103-2	15346278	15242464	15141159	15243301	0.67	cps
Scandium	45-1	15698160	15700416	15334343	15577640	1.35	cps
Scandium	45-2	1271127	1310269	1294759	1292052	1.53	cps
Selenium	82-1	196605	198071	196291	196989	0.48	cps
Selenium	77-2	18188	18094	17951	18078	0.66	cps
Selenium	78-2	62374	62769	61106	62083	1.40	cps
Silicon	28-1	12855981	12746032	12728953	12776989	0.54	cps
Silver	107-1	16478196	16254148	16146196	16292846	1.04	cps
Silver	109-1	15456616	15517305	15441776	15471899	0.26	cps
Sodium	23-2	322524375	324576035	319151015	322083809	0.85	cps
Strontium	86-1	4077248	4104893	4085618	4089253	0.35	cps
Strontium	88-1	35371191	35511299	35622184	35501558	0.35	cps
Sulfur	34-1	1209543	1174362	1189710	1191205	1.48	cps
Terbium	159-1	34129056	33902756	33618696	33883503	0.75	cps
Terbium	159-2	22323656	22034696	21891578	22083310	1.00	cps
Thallium	203-1	10262969	10270299	10303595	10278954	0.21	cps
Thallium	205-1	24351616	24624325	24496059	24490667	0.56	cps
Tin	118-1	10292632	10303205	10218807	10271548	0.45	cps
Titanium	47-1	15032418	15303112	15126579	15154036	0.91	cps

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:03:10	DataFile Name :	231CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31414604	31496738	31182615	31364652	0.52	cps
Vanadium	51-2	4230604	4241212	4189871	4220562	0.64	cps
Yttrium	89-1	39437279	38986574	39128873	39184242	0.59	cps
Yttrium	89-2	9782064	9898574	9703032	9794557	1.00	cps
Zinc	66-2	9423216	9532031	9484187	9479811	0.58	cps
Zirconium	90-1	22183990	22236414	22001086	22140497	0.56	cps
Zirconium	91-1	4922145	4892687	4870670	4895168	0.53	cps

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:05:50	DataFile Name :	232CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	537	610	571	6.46	cps
Antimony	121-1	3781	4874	6705	5120	28.86	cps
Arsenic	75-2	27	20	53	33	52.91	cps
Barium	135-1	763	567	480	603	24.06	cps
Barium	137-1	1533	1007	837	1126	32.27	cps
Beryllium	9-1	161	150	117	143	16.22	cps
Bismuth	209-1	19946679	19321590	19461051	19576440	1.68	cps
Bismuth	209-2	15179669	15270097	15527812	15325859	1.18	cps
Bromine	81-1	16346	15865	16079	16097	1.50	cps
Bromine	81-2	123	113	163	133	19.84	cps
Cadmium	108-1	37	33	30	33	10.01	cps
Cadmium	106-1	10260	10190	9930	10127	1.72	cps
Cadmium	111-1	7457	7310	7090	7286	2.53	cps
Calcium	43-1	1947	1883	1667	1832	8.01	cps
Calcium	44-1	73677	68553	65432	69221	6.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2864	2694	2794	2784	3.07	cps
Cobalt	59-2	347	363	353	354	2.37	cps
Copper	63-2	3350	3044	3064	3153	5.44	cps
Dysprosium	156-1	17	37	17	23	49.48	cps
Dysprosium	156-2	30	0	17	16	96.62	cps
Erbium	164-1	147	143	173	154	10.65	cps
Erbium	164-2	87	83	93	88	5.80	cps
Gadolinium	160-1	143	133	133	137	4.22	cps
Gadolinium	160-2	1100	1123	1213	1146	5.22	cps
Holmium	165-1	33323611	33128862	32923782	33125418	0.60	cps
Holmium	165-2	22300316	22437514	22496780	22411537	0.45	cps
Indium	115-1	29858907	29905415	29465260	29743194	0.81	cps
Indium	115-2	10058245	10279358	10141146	10159583	1.10	cps
Iron	56-2	51170	50572	48645	50129	2.63	cps
Iron	57-2	2307	2407	2357	2357	2.12	cps
Iron	54-2	5071	5264	5144	5160	1.89	cps
Krypton	83-1	310	360	350	340	7.78	cps

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:05:50	DataFile Name :	232CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3320	2564	2304	2729	19.36	cps
Lead	207-1	3007	2384	2024	2471	20.13	cps
Lead	208-1	13783	10588	9201	11191	20.99	cps
Lithium	6-1	3086260	2941664	2964856	2997593	2.59	cps
Magnesium	24-2	3744	3274	3174	3397	8.96	cps
Manganese	55-2	1250	1137	1067	1151	8.04	cps
Molybdenum	94-1	4007	3157	3394	3519	12.47	cps
Molybdenum	95-1	3927	2907	2844	3226	18.85	cps
Molybdenum	96-1	4451	3387	3490	3776	15.53	cps
Molybdenum	97-1	2627	1757	1853	2079	22.94	cps
Molybdenum	98-1	6115	4587	4334	5012	19.22	cps
Neodymium	150-1	13	10	10	11	17.30	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	573	493	640	569	12.91	cps
Phosphorus	31-2	183	210	210	201	7.65	cps
Potassium	39-2	85290	84620	85743	85218	0.66	cps
Rhodium	103-1	28946390	28726200	28872070	28848220	0.39	cps
Rhodium	103-2	16875991	16994701	16978840	16949844	0.38	cps
Scandium	45-1	16172954	16155325	15906843	16078374	0.93	cps
Scandium	45-2	1307908	1337753	1332997	1326219	1.21	cps
Selenium	82-1	1819	1855	1859	1844	1.20	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	530	567	623	573	8.20	cps
Silicon	28-1	1411969	1422532	1413699	1416067	0.40	cps
Silver	107-1	1407	937	933	1092	24.93	cps
Silver	109-1	1250	950	817	1006	22.07	cps
Sodium	23-2	68374	68508	67798	68227	0.55	cps
Strontium	86-1	893	723	700	772	13.67	cps
Strontium	88-1	2694	2044	1760	2166	22.10	cps
Sulfur	34-1	277701	280473	280157	279444	0.54	cps
Terbium	159-1	34613430	34448415	33739792	34267213	1.35	cps
Terbium	159-2	22471581	23038421	22696924	22735642	1.26	cps
Thallium	203-1	2534	2257	2094	2295	9.69	cps
Thallium	205-1	6098	5535	4574	5402	14.26	cps
Tin	118-1	6345	6455	6181	6327	2.17	cps
Titanium	47-1	1567	1307	1210	1361	13.55	cps

Reviewed By:mohan
On:11/14/2024
11:07:21 PM
Inst Id :P7

LB Number :	LB133416	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 01:05:50	DataFile Name :	232CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1493	683	637	938	51.37	cps
Vanadium	51-2	80	70	97	82	16.39	cps
Yttrium	89-1	40189566	40234246	39814831	40079548	0.57	cps
Yttrium	89-2	10004260	10080407	10048275	10044314	0.38	cps
Zinc	66-2	3207	3197	3130	3178	1.31	cps
Zirconium	90-1	4701	4351	4687	4580	4.33	cps
Zirconium	91-1	950	967	1063	993	6.16	cps

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Prep Standard - Chemical Standard Summary

Order ID : P4591

Test : Metals CLP MS FULL

Prepbatch ID : PB164716,

Sequence ID/Qc Batch ID: LB133416,

Standard ID :
MP83014,MP83016,MP83032,MP83033,MP83034,MP83035,MP83036,MP83037,MP83038,MP83039,MP83041,MP83042,MP83043,MP83044,MP83046,MP83048,MP83049,MP83050,MP83105,MP83122,

Chemical ID :
M5192,M5288,M5289,M5294,M5304,M5390,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5698,M5739,M5751,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6055,M6095,M6111,M6115,M6116,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP83014	11/02/2024	11/25/2024	Sarabjit Jaswal	None	None	Mohan Bera 11/04/2024

FROM 25.00000ml of M6095 + 4925.00000ml of W3112 + 50.00000ml of M6115 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP83016	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5769 + 5.00000ml of M5806 + 79.00000ml of MP83014 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP83032	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.40000ml of M5513 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6115 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6095 + 50.00000ml of M5304 + 832.80000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5751 + 9.90000ml of M5769 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP83033	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 48.50000ml of W3112 + 50.00000ml of MP83032 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP83034	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 86.00000ml of W3112 + 12.50000ml of MP83032 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP83035	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 73.50000ml of W3112 + 25.00000ml of MP83032 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP83036	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 88.50000ml of W3112 + 10.00000ml of MP83033 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP83037	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5751 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6095 + 226.25000ml of W3112 + 5.00000ml of M6115 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP83038	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 98.00000ml of W3112 + 0.50000ml of MP83037 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP83039	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 88.50000ml of W3112 + 10.00000ml of MP83038 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP83041	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 2.00000ml of M5294 + 98.00000ml of MP83014 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP83042	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5476 + 10.00000ml of M6115 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6095 + 823.45000ml of W3112 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP83043	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP83014 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP83044	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83014 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP83046	11/01/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5982 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5751 + 0.50000ml of M5802 + 1.25000ml of M5192 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5769 + 12.50000ml of M5806 + 12.52000ml of M5519 + 156.23000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 5.00000ml of M5515 + 5.00000ml of M6095 + 5.00000ml of M6115 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP83048	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.01000ml of M5769 + 9.99000ml of MP83014 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP83049	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP83048 + 98.00000ml of MP83014 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP83050	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 5.00000ml of M6115 + 75.00000ml of M5739 + 170.00000ml of MP83014 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP83105	11/07/2024	12/07/2024	Janvi Patel	None	None	Sarabjit Jaswal 11/07/2024

FROM 1000.00000ml of M6111 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP83122	11/07/2024	12/07/2024	Janvi Patel	None	None	Sarabjit Jaswal 11/07/2024

FROM 1000.00000ml of M6116 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	01/01/2025	12/13/2023 / bin	02/20/2020 / bin	M5294

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 / jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 / jaswal	08/03/2022 / Al-Terek	M5634

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2023 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)		03/17/2029	10/26/2024 / Janvi	10/21/2024 / Janvi	M6095

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	22F0762009	05/09/2027	11/04/2024 / Eman	09/29/2024 / Janvi	M6111

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/04/2025	11/02/2024 / Janvi	09/29/2024 / Eman	M6115

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/03/2025	11/04/2024 / Janvi	09/29/2024 / Eman	M6116

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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M6028

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1749

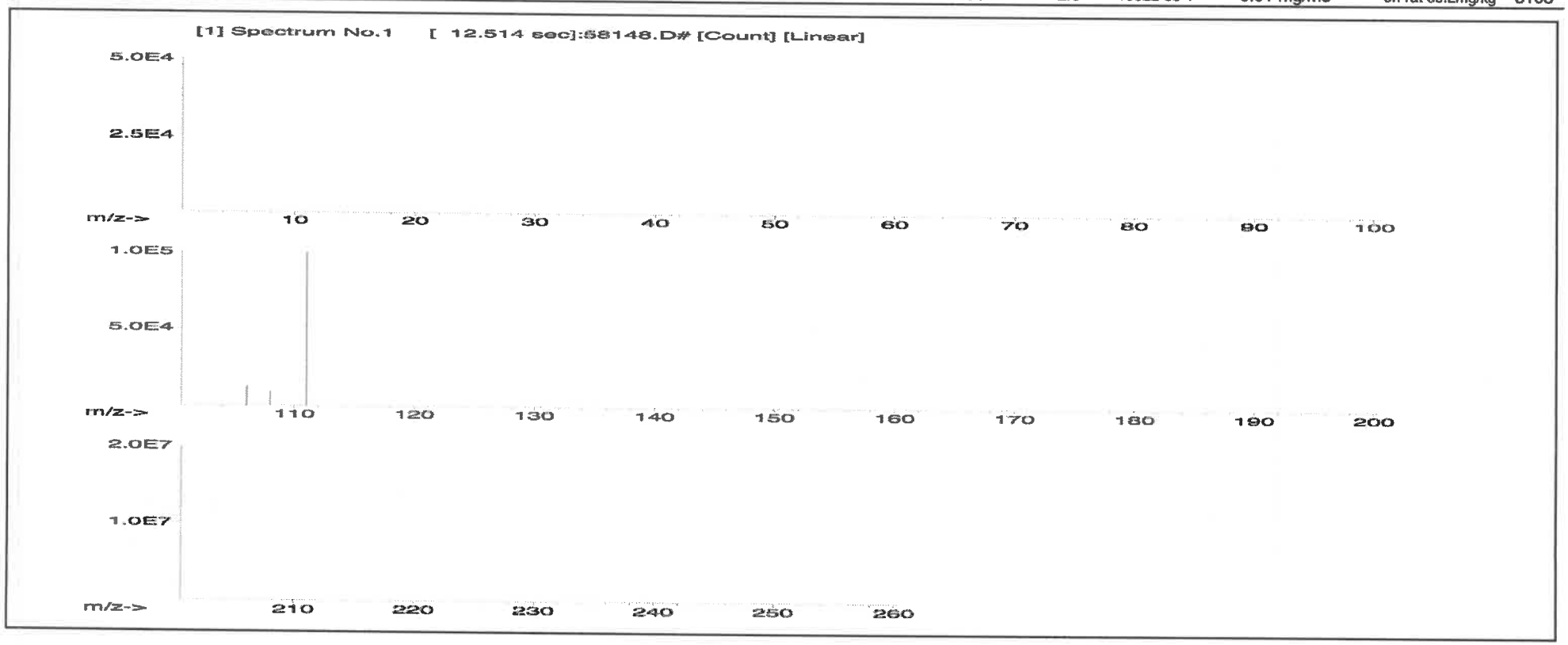
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**			**Lot #**	
Lot Number:	**070124**		**Solvent:**	24002546	Nitric Acid
Description:	**Cadmium (Cd)**		2%	40.0 (mL)	Nitric Acid
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

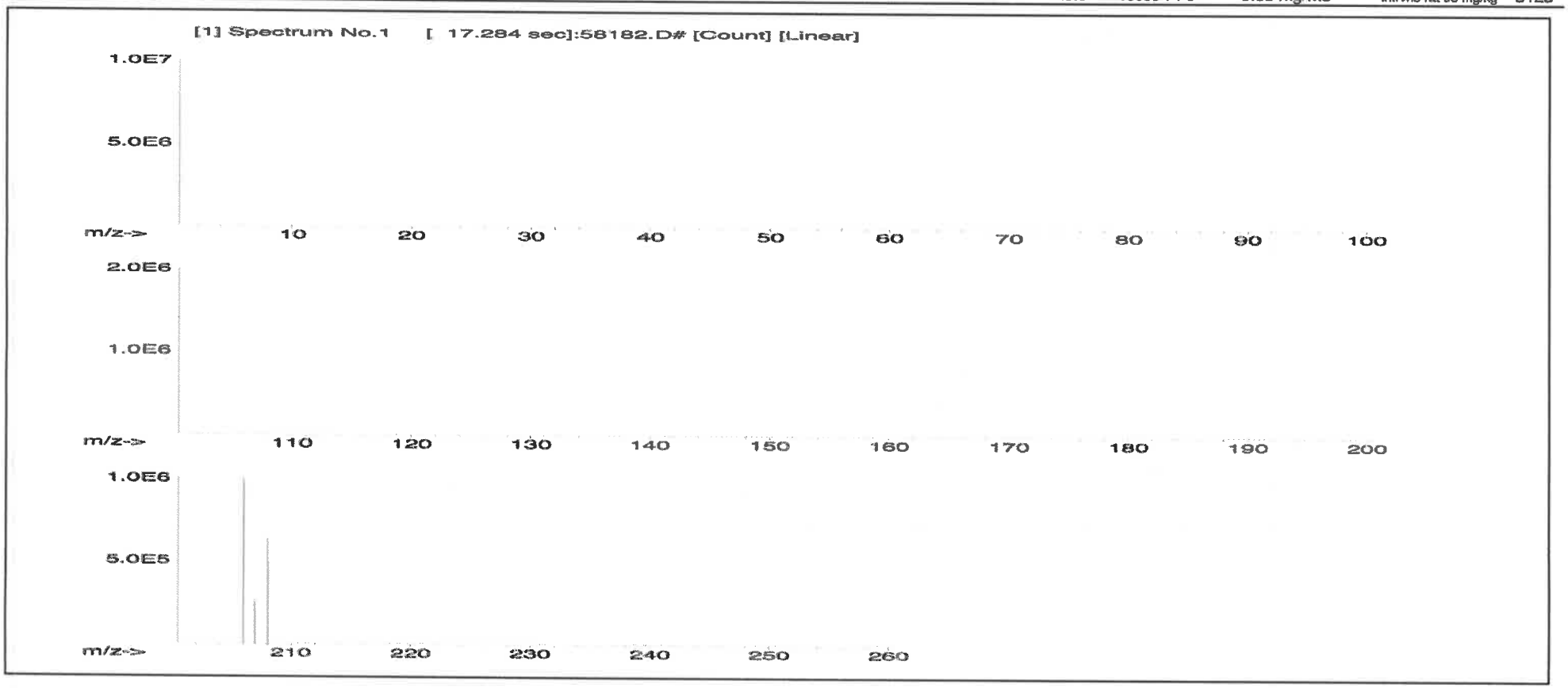
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1753

CERTIFIED WEIGHT REPORT:

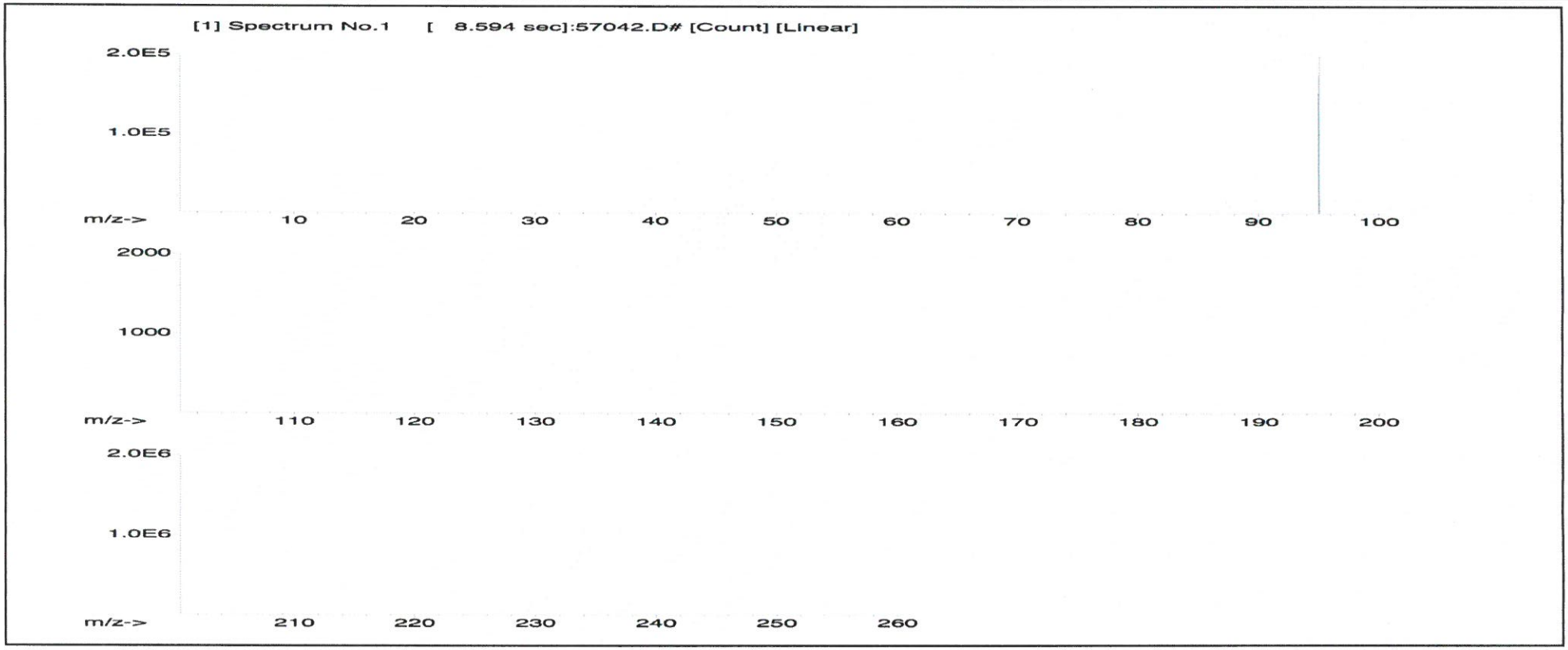
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)
Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Volume shown below was diluted to (mL): 3000.41

Lot #	Solvent:		
MKBQ8597V	Ammonium hydroxide		
0.5%	15.0 (mL)	Ammonium hydroxide	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By: Lawrence Barry 051722
Reviewed By: Pedro L. Rentas 051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



1754

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

V15200 R: 04/24/22 (BP)

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1755

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

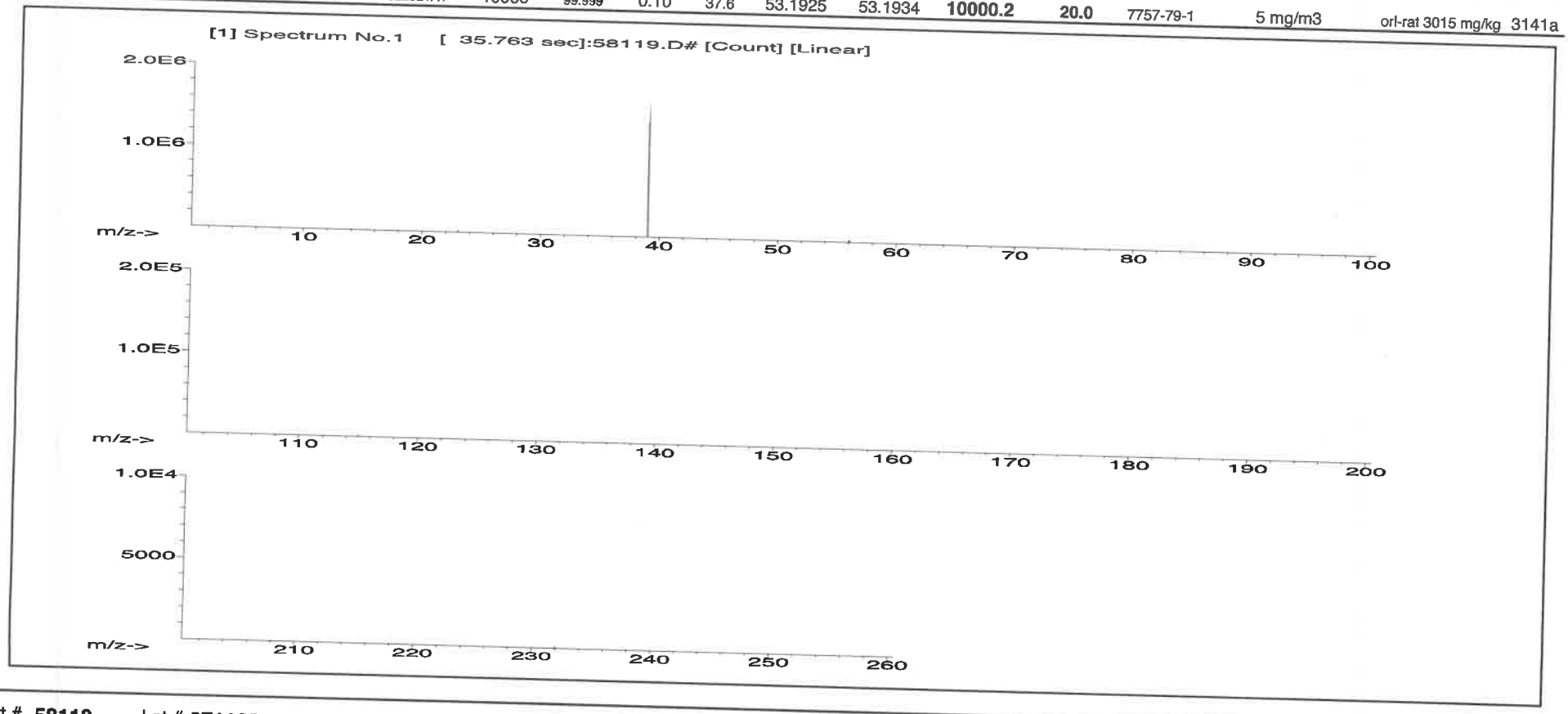
Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

		Lot #	
Solvent:	20510011		Nitric Acid
2%	40.0 (mL)		Nitric Acid
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By: Lawrence Barry 071122

Reviewed By: Pedro L. Rentas 071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



1756

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

M5289 R: 07/12/22 BH

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

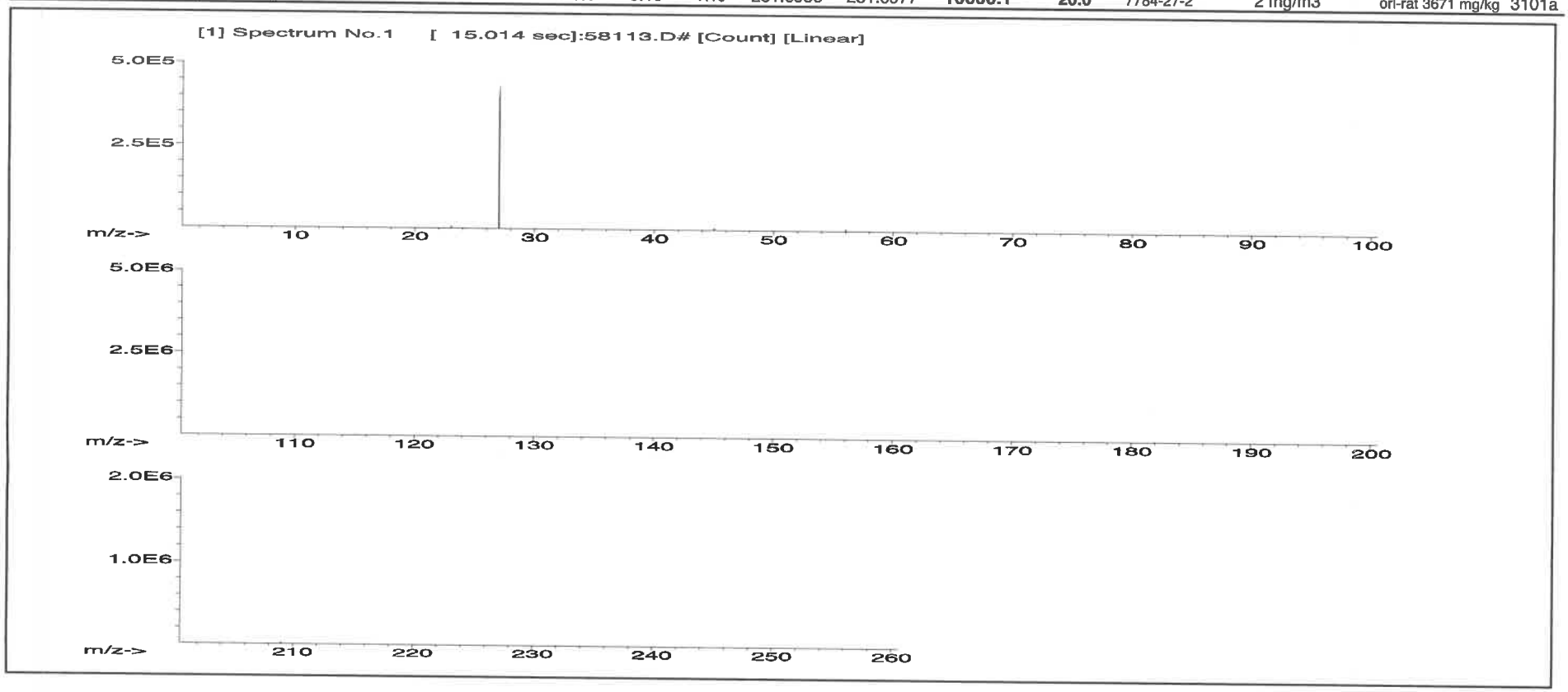
1757

CERTIFIED WEIGHT REPORT:

Part Number:	**58113**		**Lot #**		
Lot Number:	**070622**	**Solvent:**	20370011	Nitric Acid	
Description:	**Aluminum (Al)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070625				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	**SDS Information** (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



1758

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	S2-MEB711244
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea:

Silver, Aluminum,
Arsenic, Barium,
Beryllium, Calcium,
Cadmium, Cobalt,
Chromium, Copper,
Iron, Potassium,
Magnesium, Manganese,
Sodium, Nickel,
Lead, Antimony,
Selenium, Thallium,
Vanadium, Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**20.01 ± 0.08 µg/mL**	**Antimony, Sb**	**20.01 ± 0.12 µg/mL**
Arsenic, As	**20.01 ± 0.18 µg/mL**	**Barium, Ba**	**20.01 ± 0.11 µg/mL**
Beryllium, Be	**20.01 ± 0.14 µg/mL**	**Cadmium, Cd**	**20.01 ± 0.11 µg/mL**
Calcium, Ca	**20.01 ± 0.10 µg/mL**	**Chromium, Cr**	**20.01 ± 0.16 µg/mL**
Cobalt, Co	**20.01 ± 0.11 µg/mL**	**Copper, Cu**	**20.01 ± 0.10 µg/mL**
Iron, Fe	**20.01 ± 0.09 µg/mL**	**Lead, Pb**	**20.01 ± 0.11 µg/mL**
Magnesium, Mg	**19.99 ± 0.10 µg/mL**	**Manganese, Mn**	**20.01 ± 0.10 µg/mL**
Nickel, Ni	**20.01 ± 0.11 µg/mL**	**Potassium, K**	**20.01 ± 0.10 µg/mL**
Selenium, Se	**20.02 ± 0.14 µg/mL**	**Silver, Ag**	**20.02 ± 0.09 µg/mL**
Sodium, Na	**20.01 ± 0.10 µg/mL**	**Thallium, Tl**	**20.01 ± 0.13 µg/mL**
Vanadium, V	**20.01 ± 0.11 µg/mL**	**Zinc, Zn**	**20.01 ± 0.11 µg/mL**

1761

Density: 1.026 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Fe	Calculated		See Sec. 4.2
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2
V	ICP Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

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1765

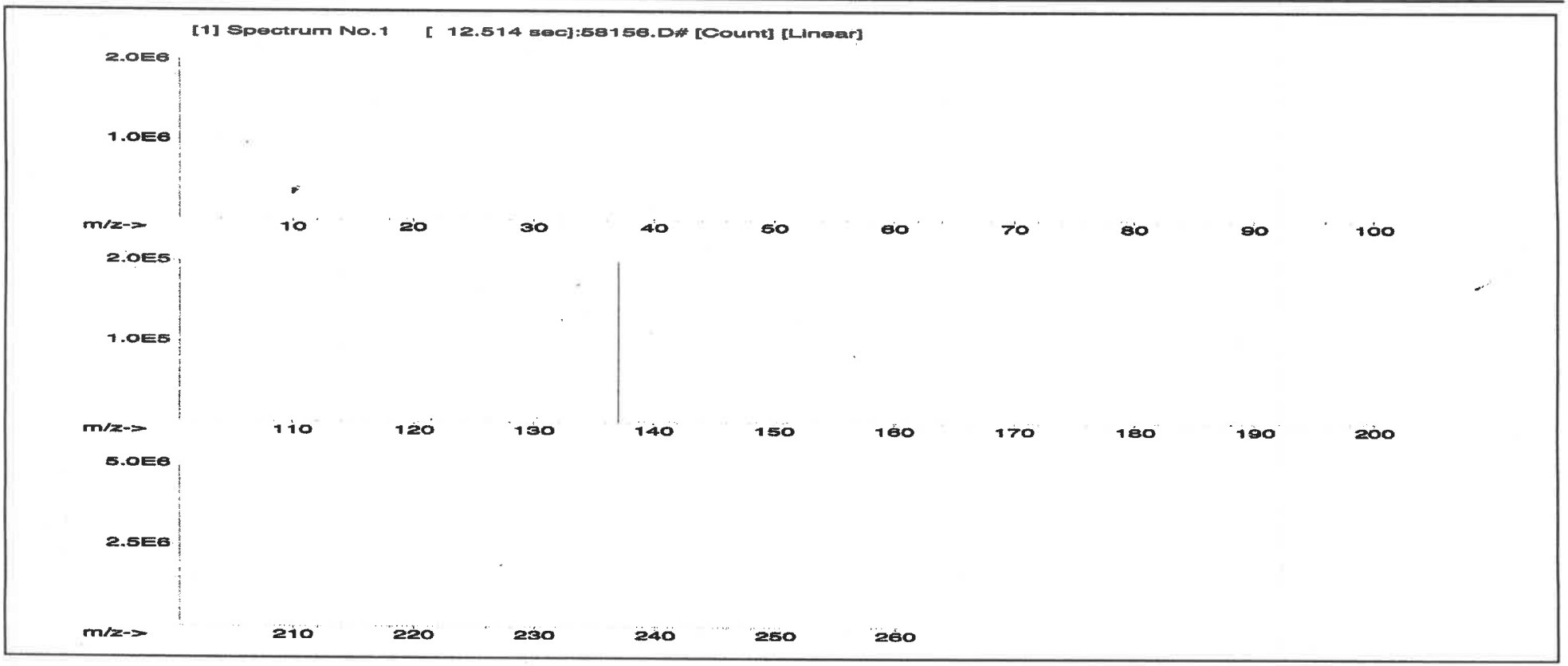
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	2.0	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1766

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M5497 - M5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

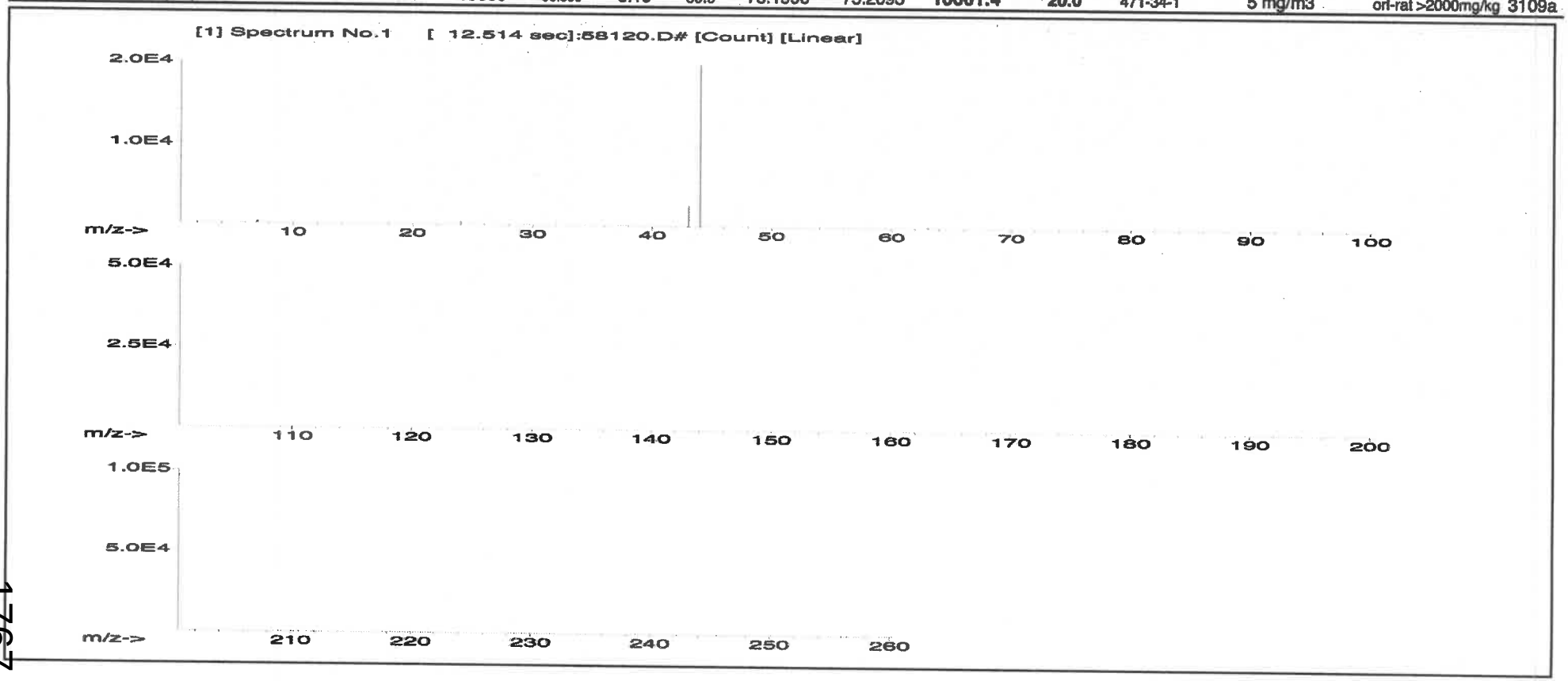
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



1767

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

T 1768

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Certified Reference Material CRM

MS513 R:03/17/23

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

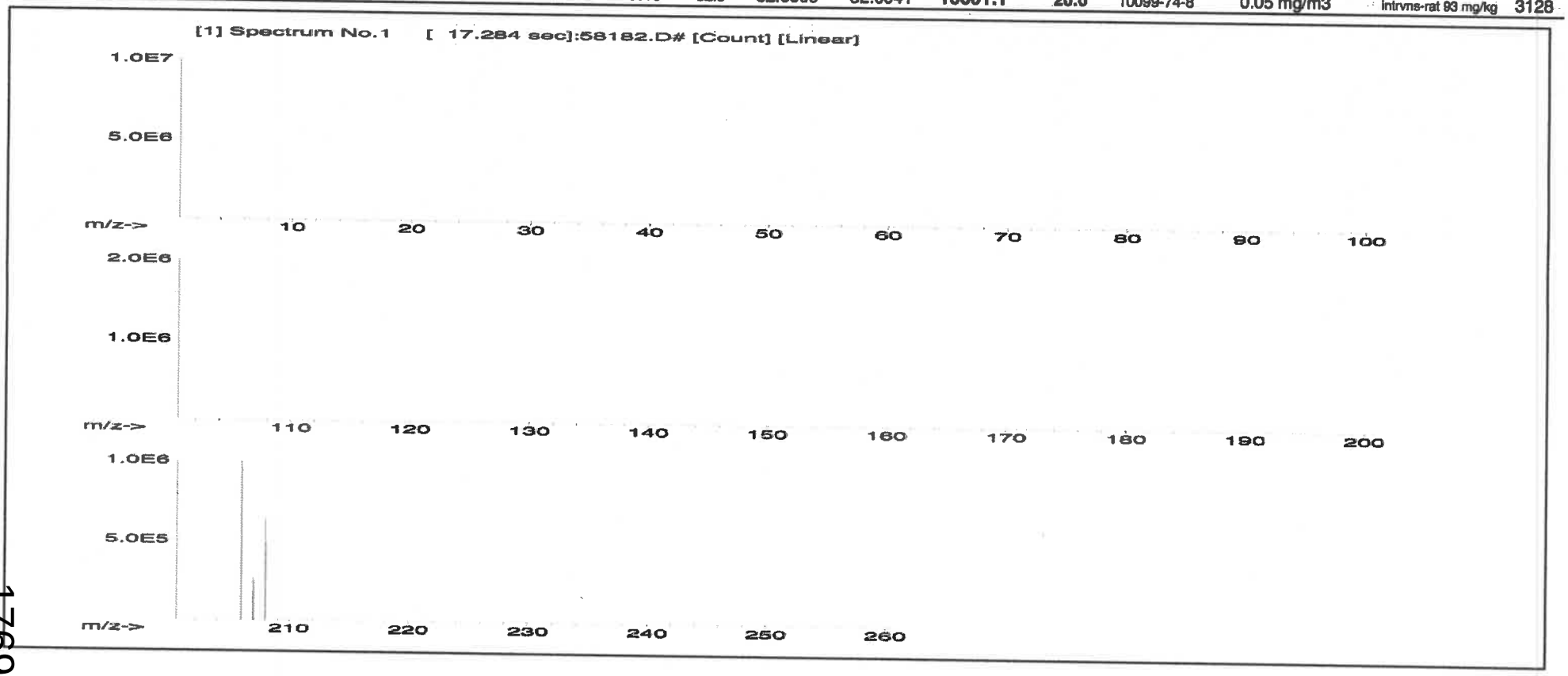
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



1769

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

T770

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MS514 - MS515 R: 03/17/22

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CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

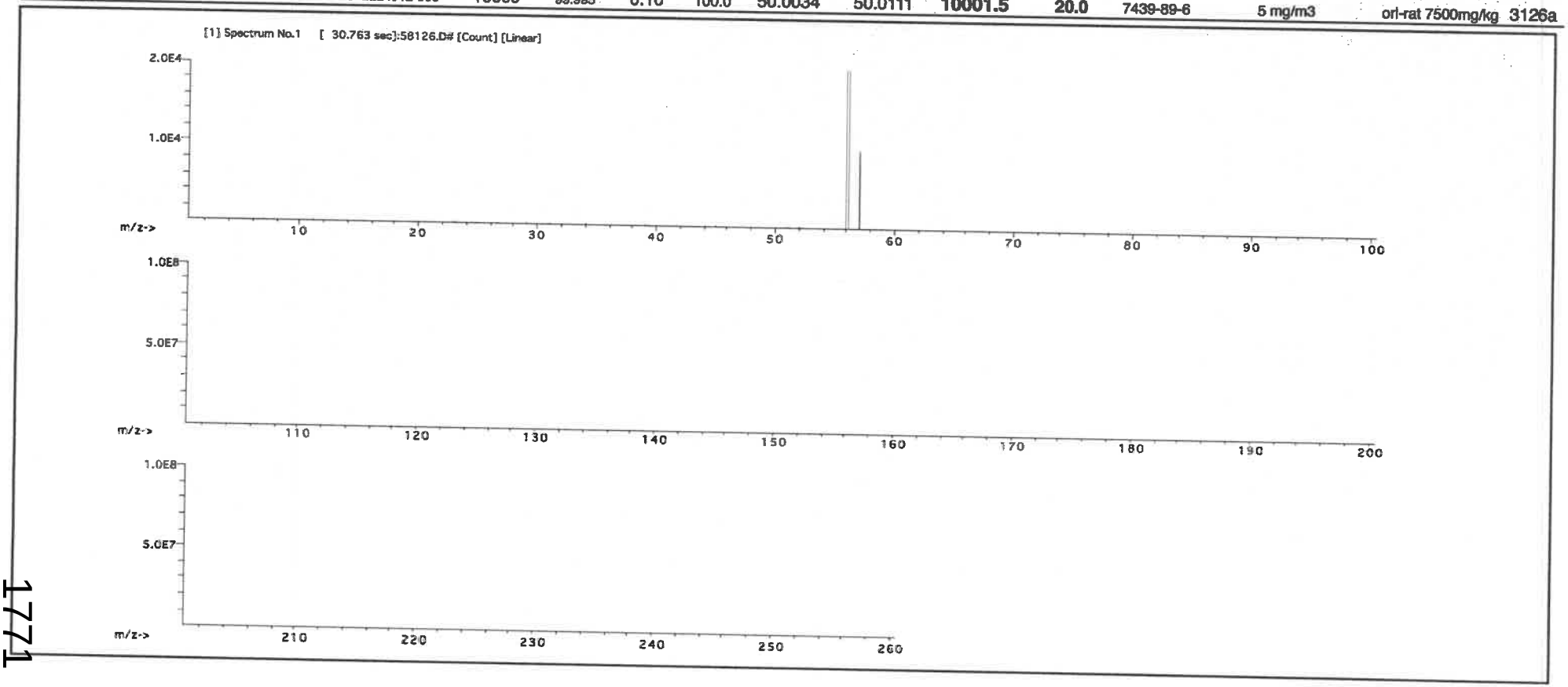
Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 5000.1

	Lot #			
Solvent:	20510011	Nitric Acid		
7.0%	350.0 (mL)	Nitric Acid		
	5E-05	Balance Uncertainty		
	0.12	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



1771

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1772

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M5519. M5520 BH R:03/17/23

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1773

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

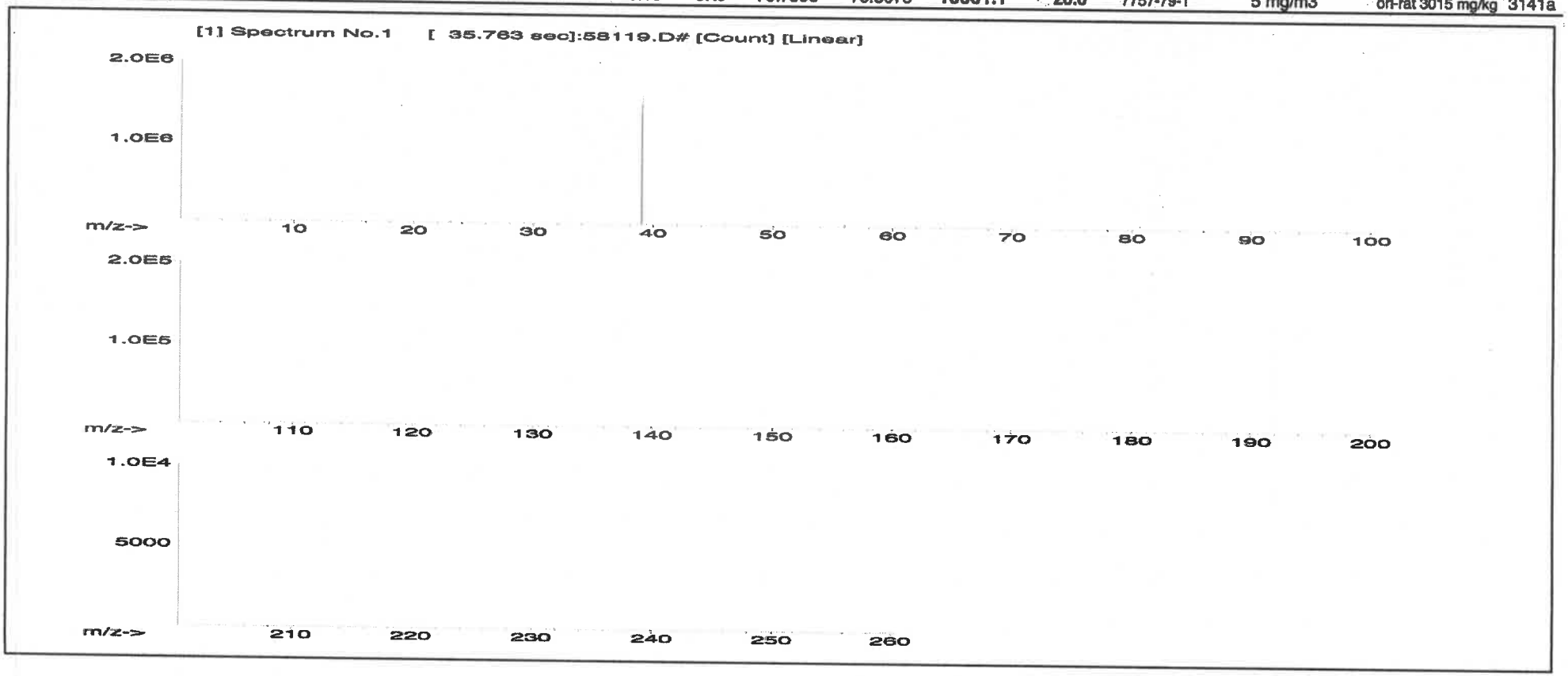
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



1774

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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inorganicventures.com

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (t) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (t) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

INORGANIC VENTURES
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

M5657 A: 8/29/22

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	99.9 ± 0.8 µg/mL	Arsenic, As	40.00 ± 0.25 µg/mL
Cadmium, Cd	49.96 ± 0.22 µg/mL	Lead, Pb	19.99 ± 0.10 µg/mL
Selenium, Se	10.00 ± 0.06 µg/mL	Thallium, Tl	49.96 ± 0.32 µg/mL

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

1780

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

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u_{ts} = transport stability standard uncertainty

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$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

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- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5658 R! 8/25/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

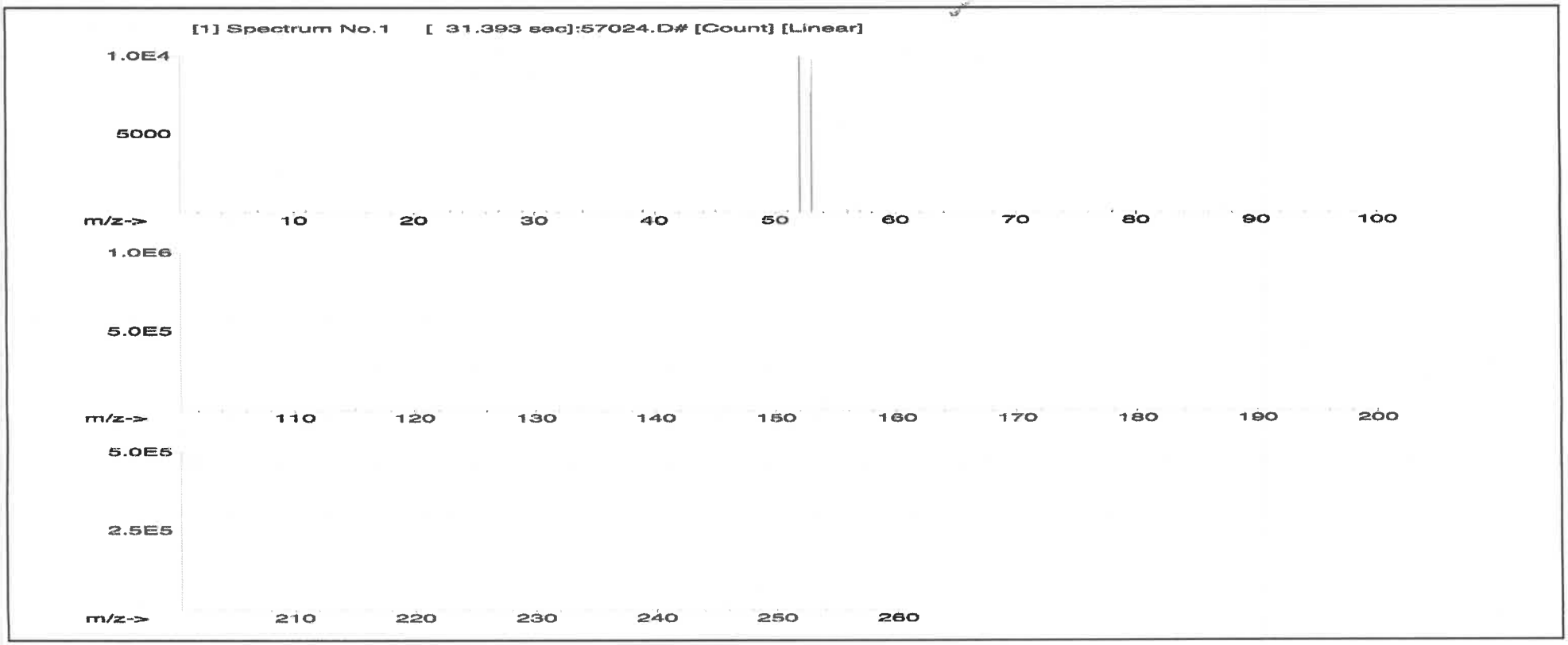
1784

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1.	Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



1785

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5648 R: 10/27/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

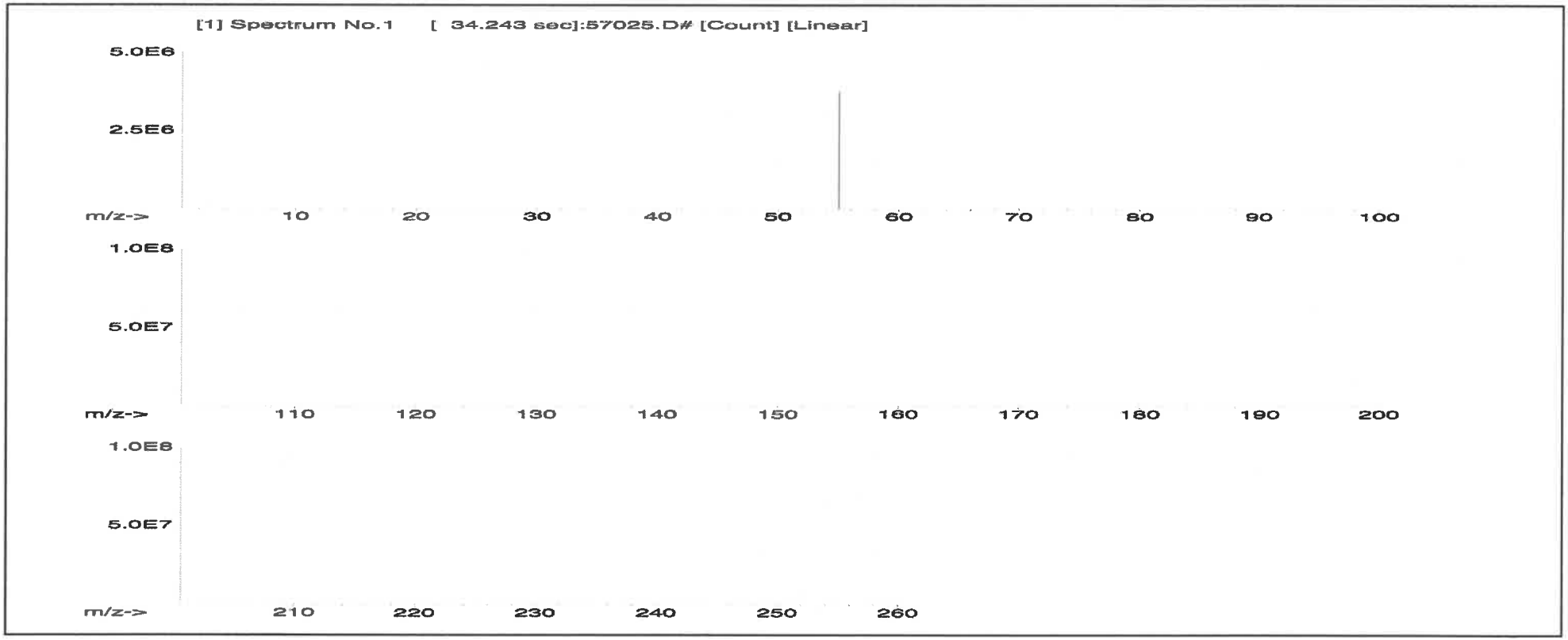
1786

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**58025**	24002546	Nitric Acid		
Lot Number:	**102623**				
Description:	**Manganese (Mn)**	2.0%	60.0 (mL)	Nitric Acid	
Expiration Date:	102626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



1787

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 8/25/23 M5751

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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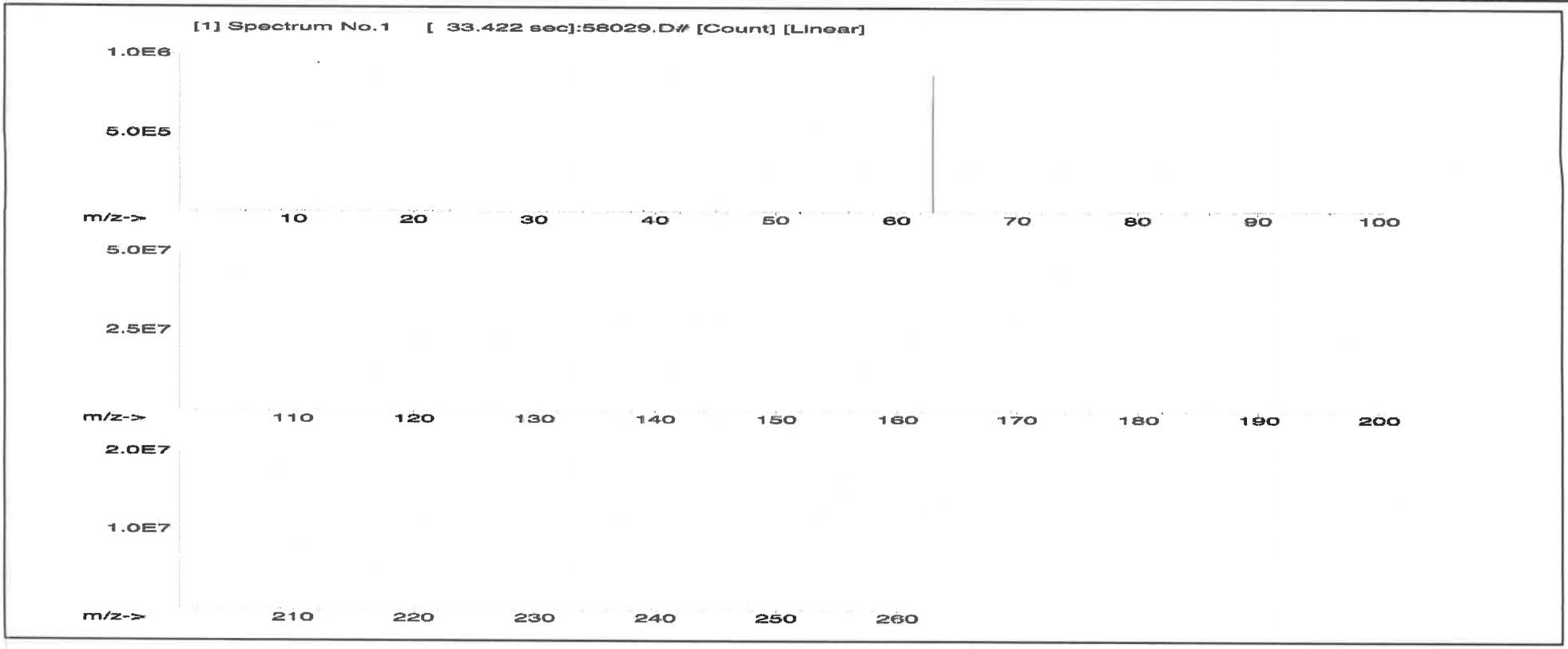
1788

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	21110221	Nitric Acid	
Lot Number:	**071723**			
Description:	**Copper (Cu)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan 071723
Reviewed By:	Pedro L. Rentas 071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



17896

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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1790

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

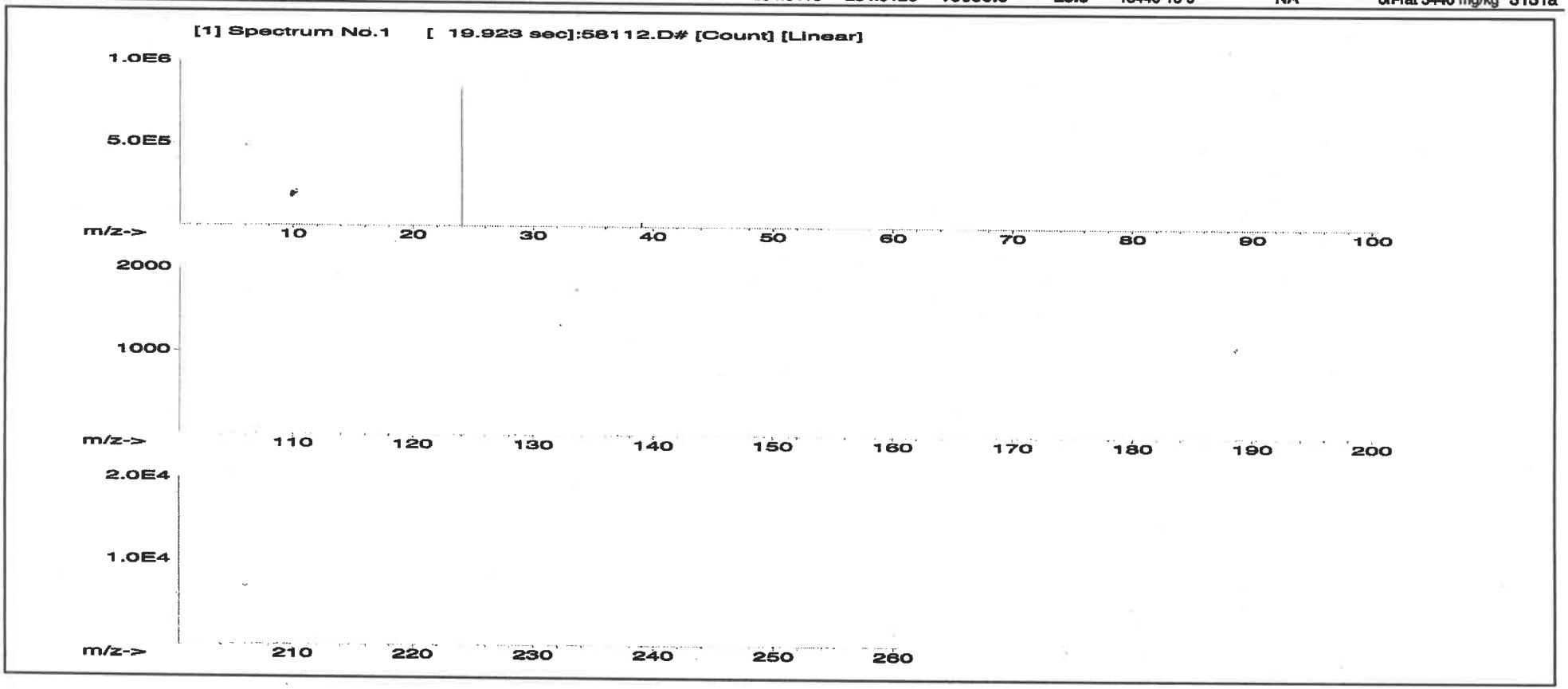
		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By:	Lawrence Barry	091823
Reviewed By:	Pedro L. Rentas	091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	orl-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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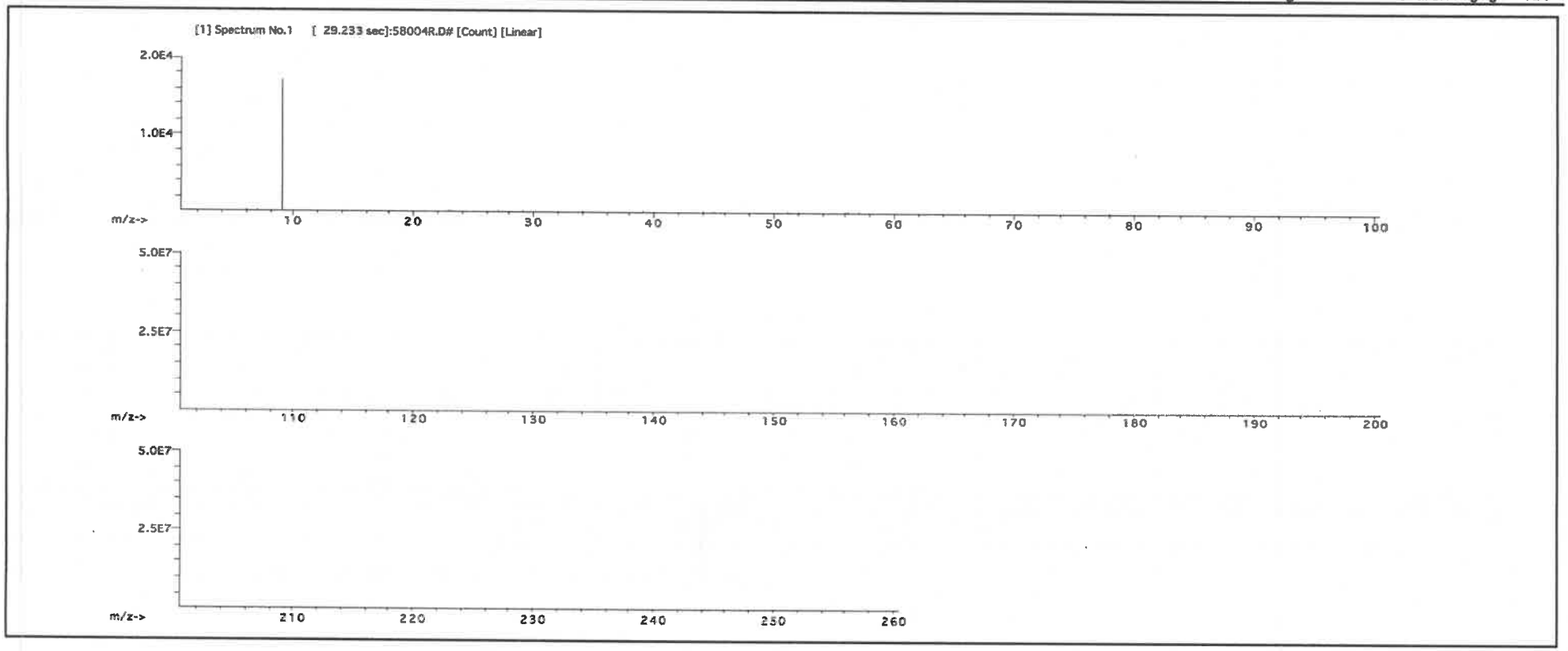
1792

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57004**	24002546	Nitric Acid		
Lot Number:	**102523**				
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	102526				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1793

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1794

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

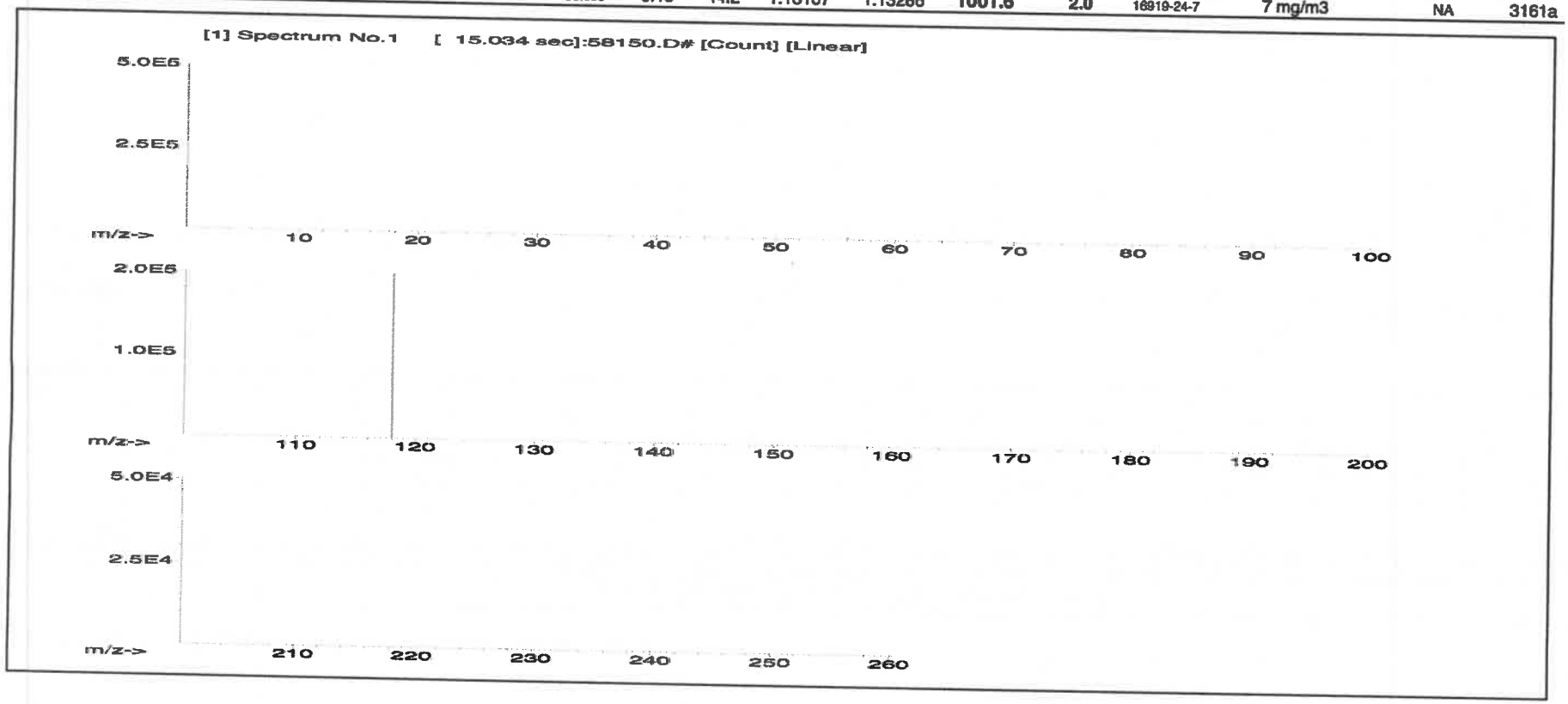
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



1795

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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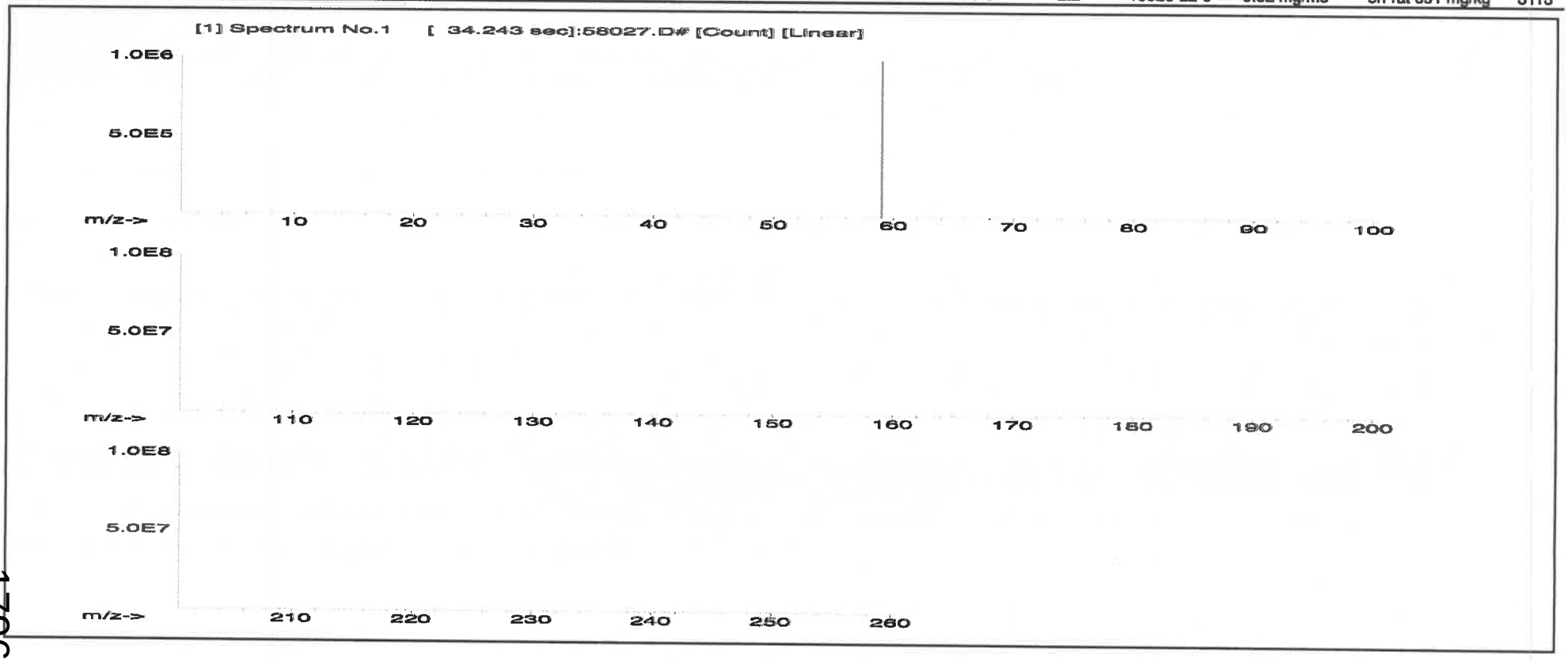
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By: Lawrence Barry 091923

Reviewed By: Pedro L. Rentas 091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	2.2	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



1796

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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1797

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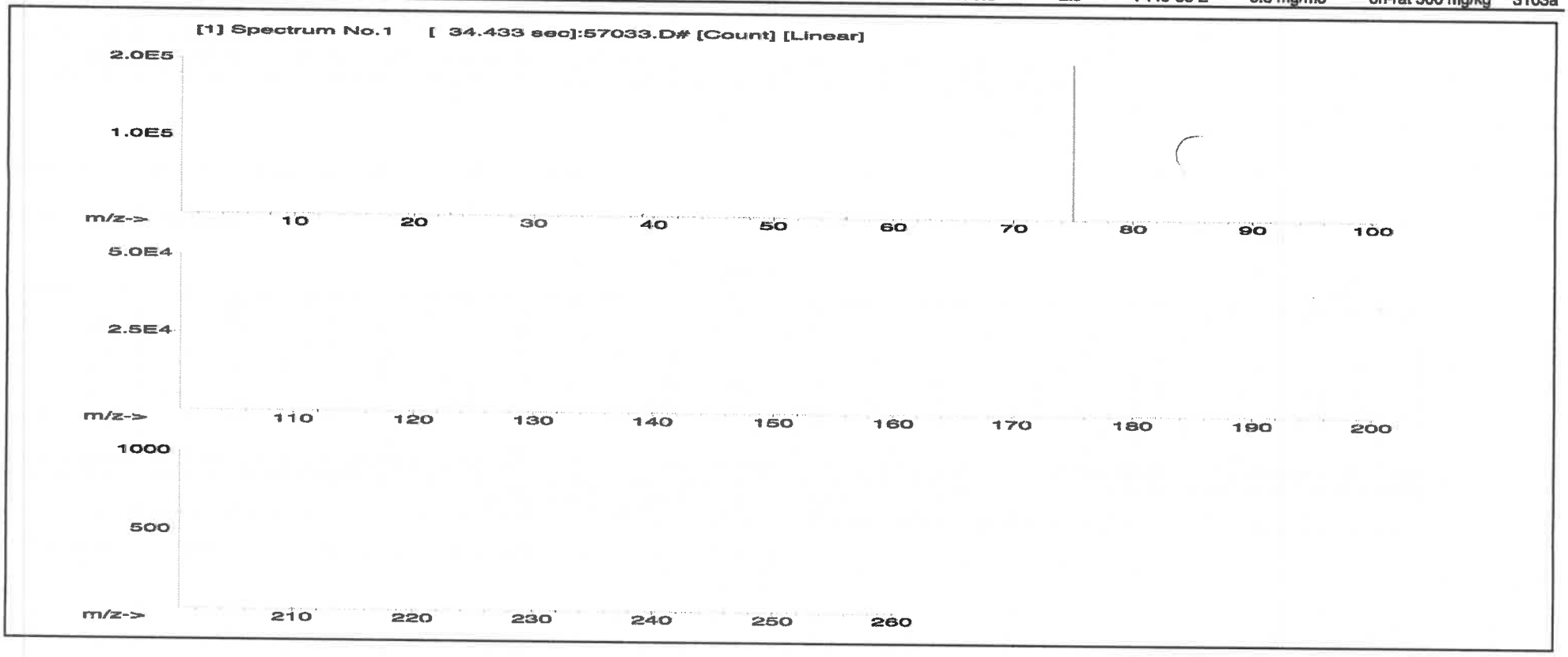
1798

CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



1799

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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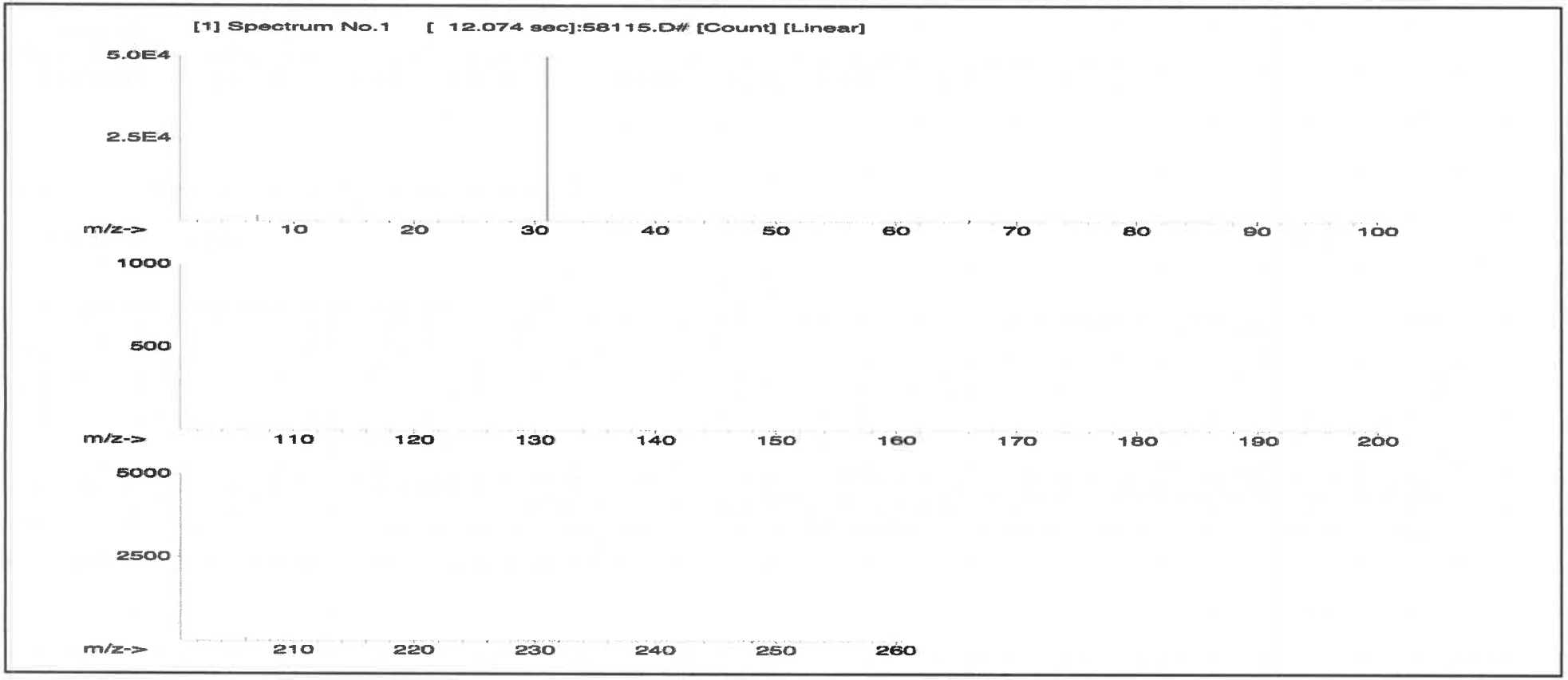
1800

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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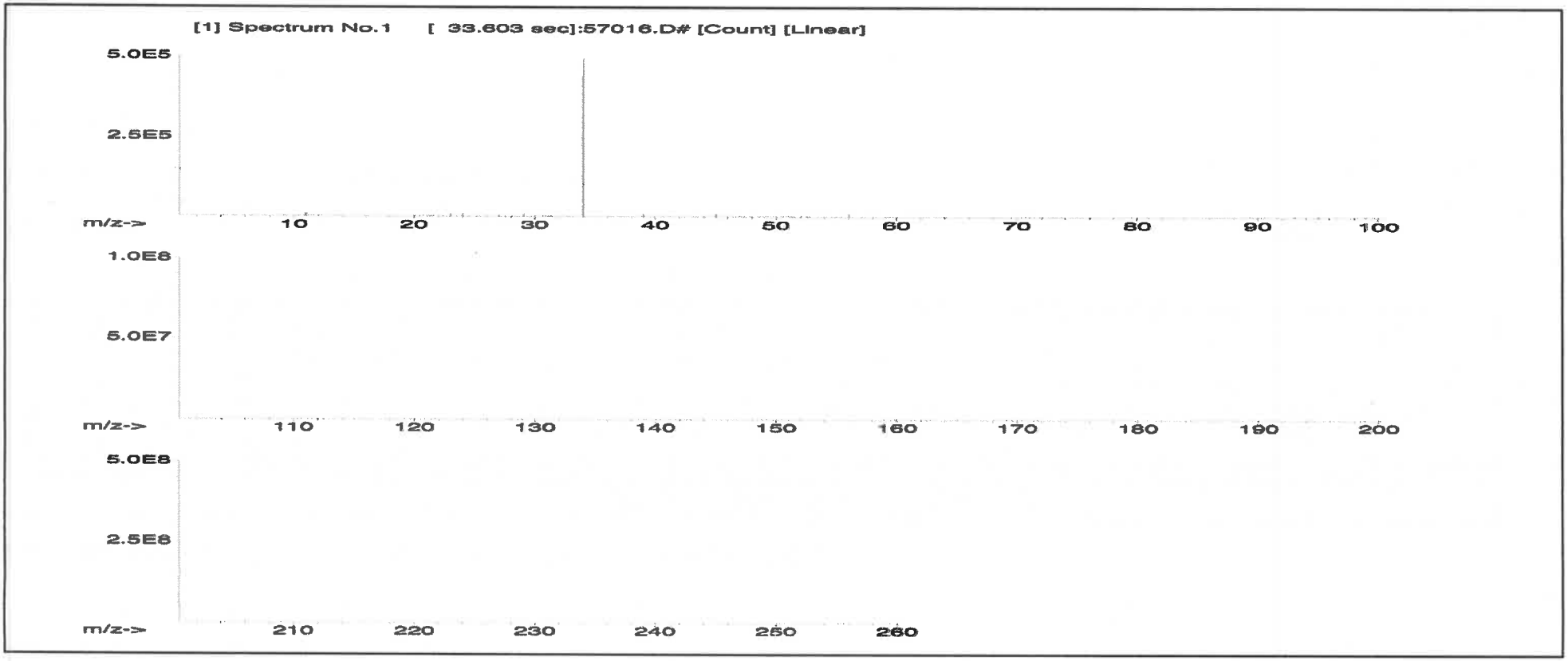
1802

CERTIFIED WEIGHT REPORT:

Part Number:	**57016**		**Solvent:**	Lot # 122923	ASTM Type 1 Water
Lot Number:	**122923**				
Description:	**Sulfur (S)**				
Expiration Date:	122926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



1803

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1804

CERTIFIED WEIGHT REPORT:

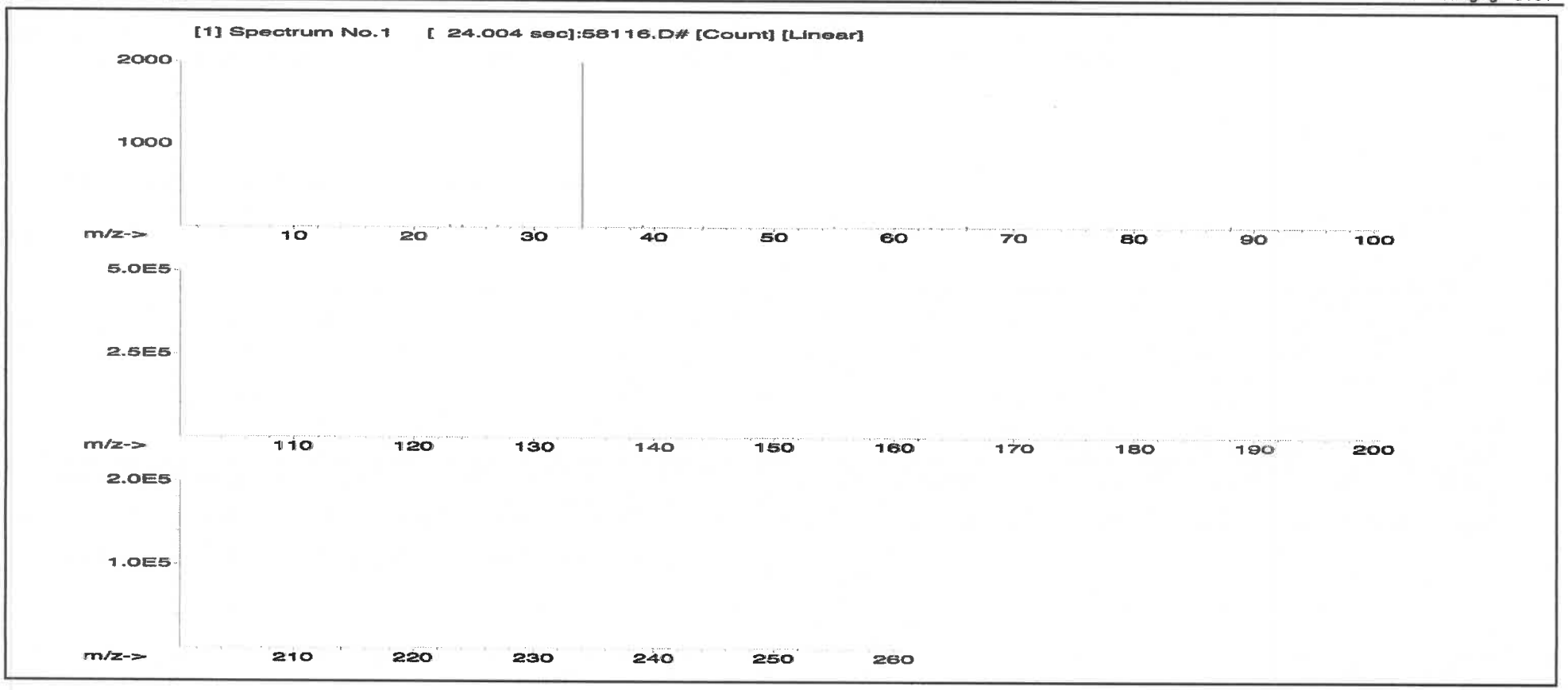
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	ori-rat 4250mg/kg	3181



1805

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1806

CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

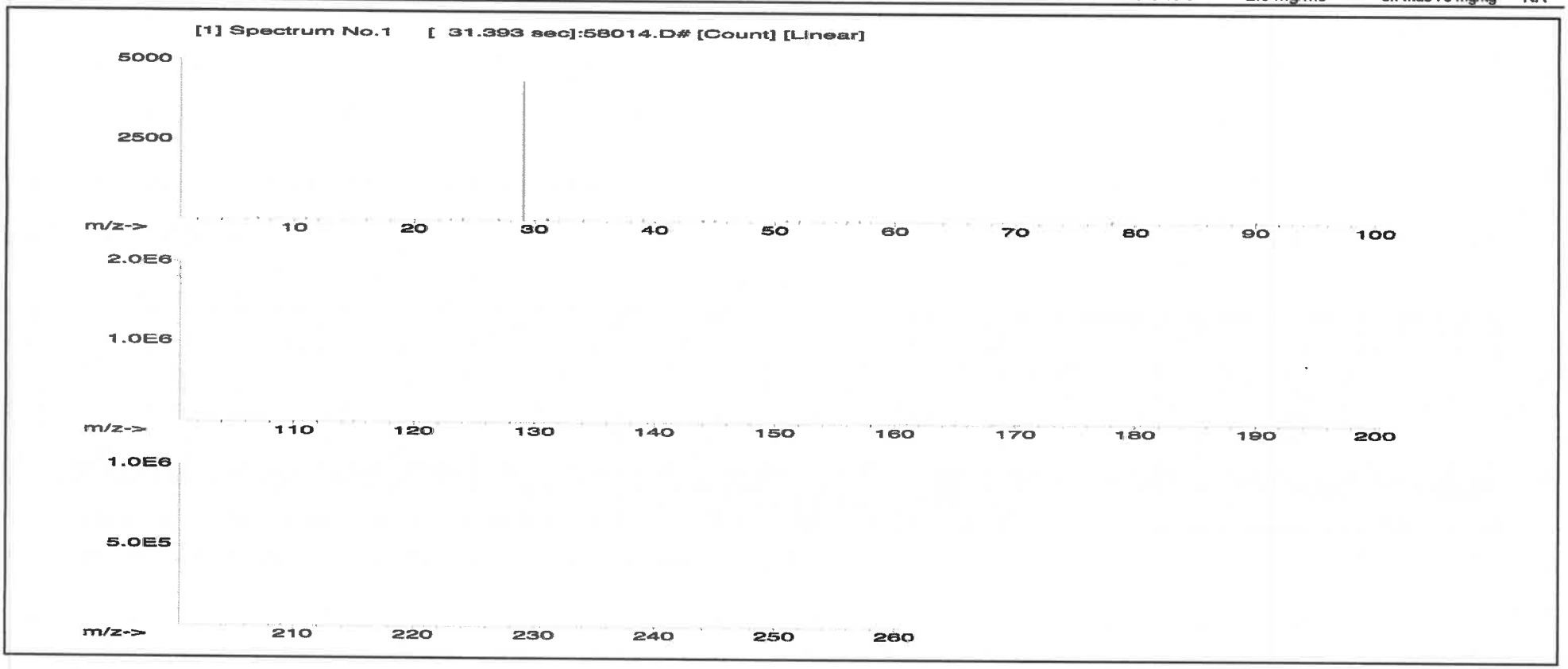
Aleah O'Brady

Formulated By:	Aleah O'Brady	122023

Pedro Rentas

Reviewed By:	Pedro L. Rentas	122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



1807

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1808

CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

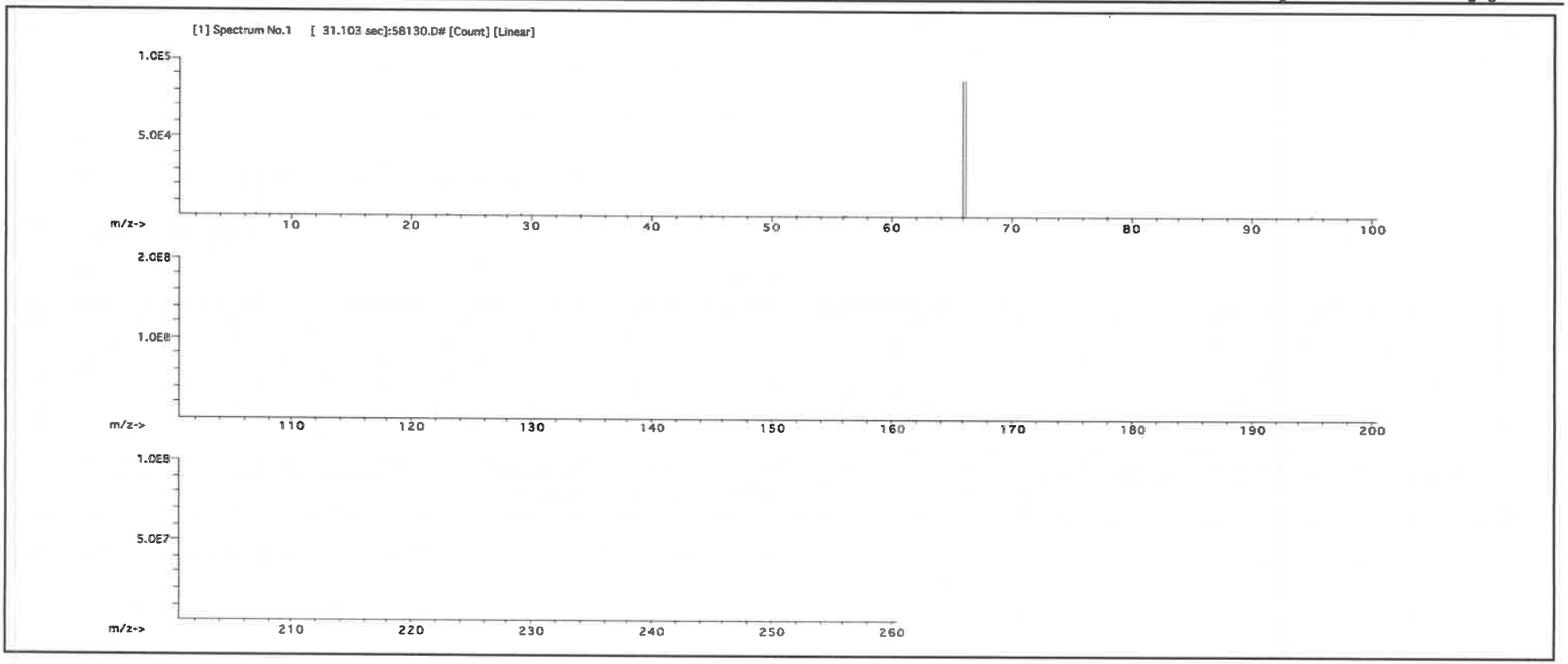
Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
2%	60.0 (mL)	Nitric Acid		
	5E-05	Balance Uncertainty		

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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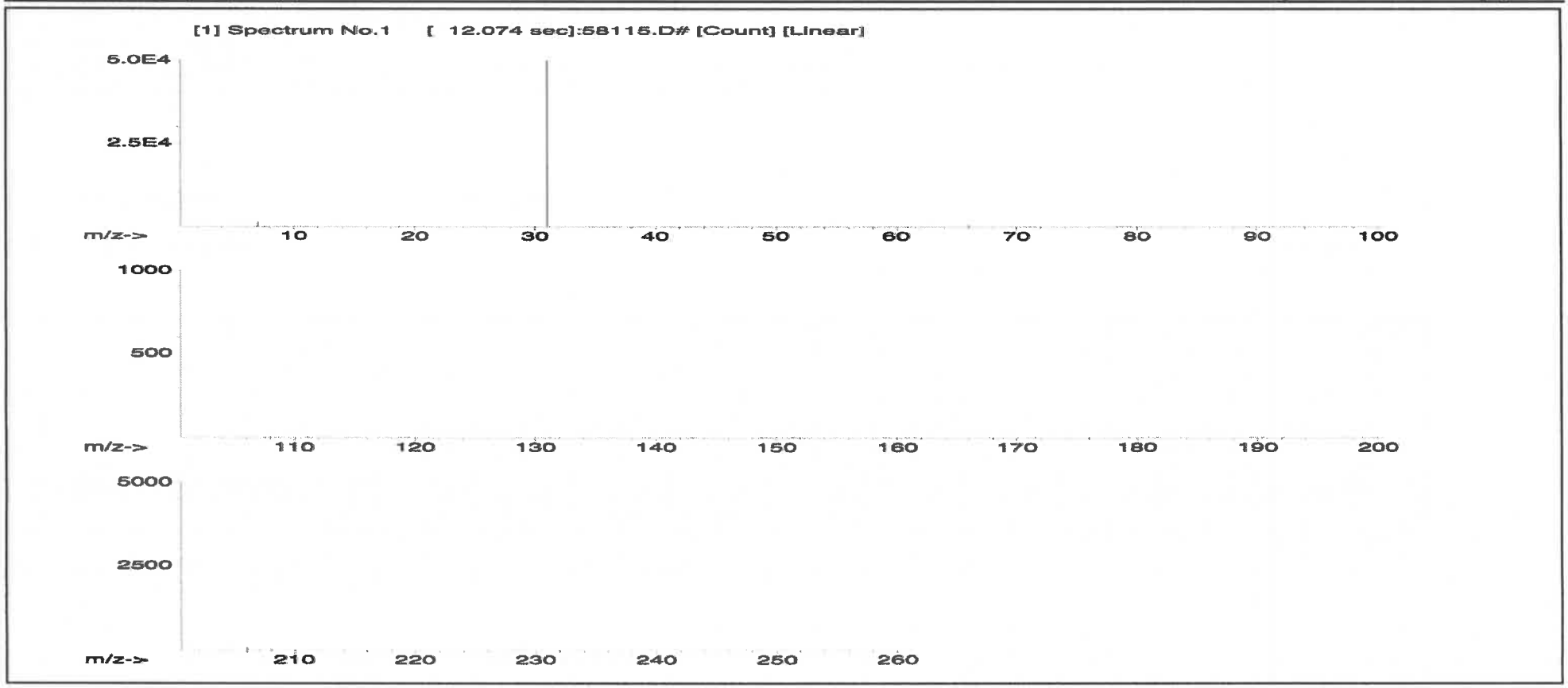
1810

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



1811

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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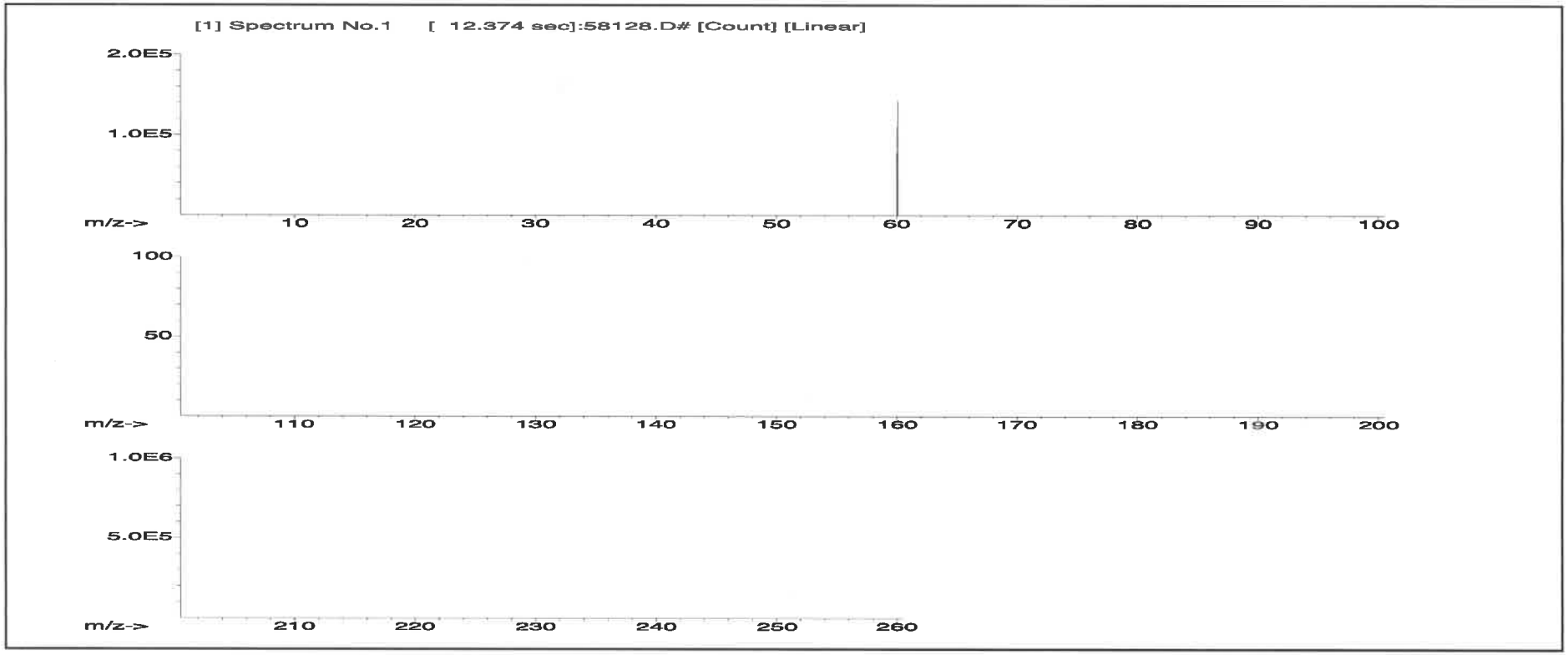
1812

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57028**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**041124**			
Description:	**Nickel (Ni)**			
		2%	5.0 (mL)	Nitric Acid
Expiration Date:	041127			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	249.85	0.002	Flask Uncertainty	

Formulated By:	Brian Geddes	041124
Reviewed By:	Pedro L. Rentas	041124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Nickel(II) nitrate hexahydrate (Ni)	IN033	NIM052023A1	1000	99.999	0.10	20.2	1.2369	1.2369	**1000.0**	**2.0**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



1813

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5962 R! 06/14/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

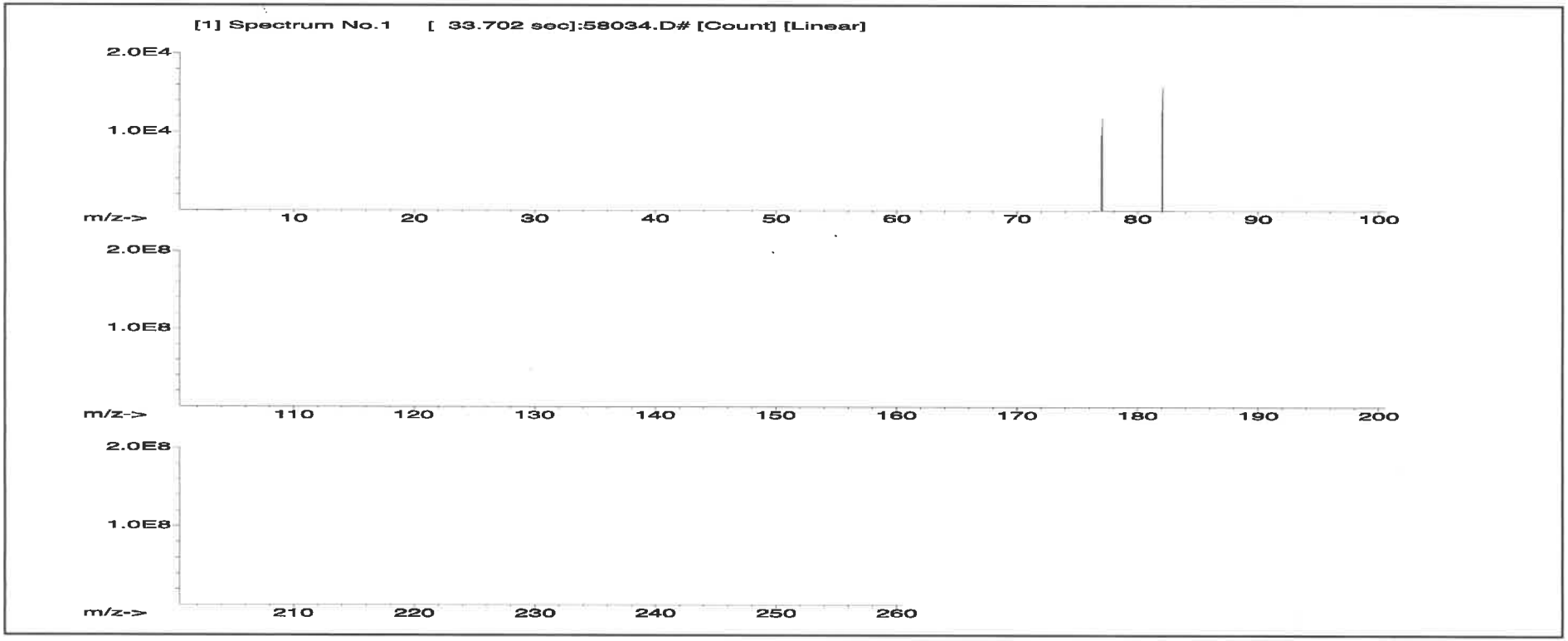
1814

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57034**	24002546	Nitric Acid		
Lot Number:	**060624**				
Description:	**Selenium (Se)**				
		2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	060627				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



1815

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



1820

M5978, M5979

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$
w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\ (u_{char\ i})^2]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with
$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

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www.absolutestandards.com

Certified Reference Material CRM

H5981 R:6/11/24

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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57092**	24002546	Nitric Acid	
Lot Number:	**060724**			
Description:	**Uranium (U)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

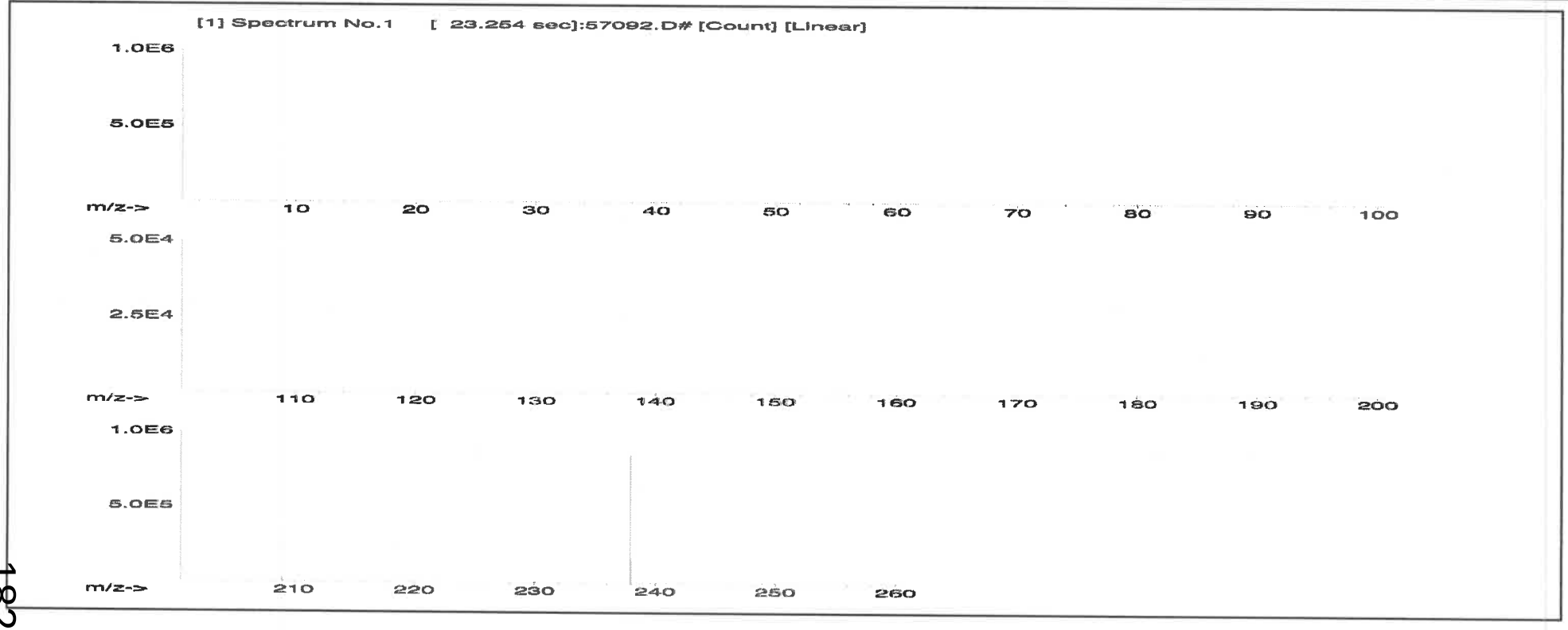
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



1824

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1825

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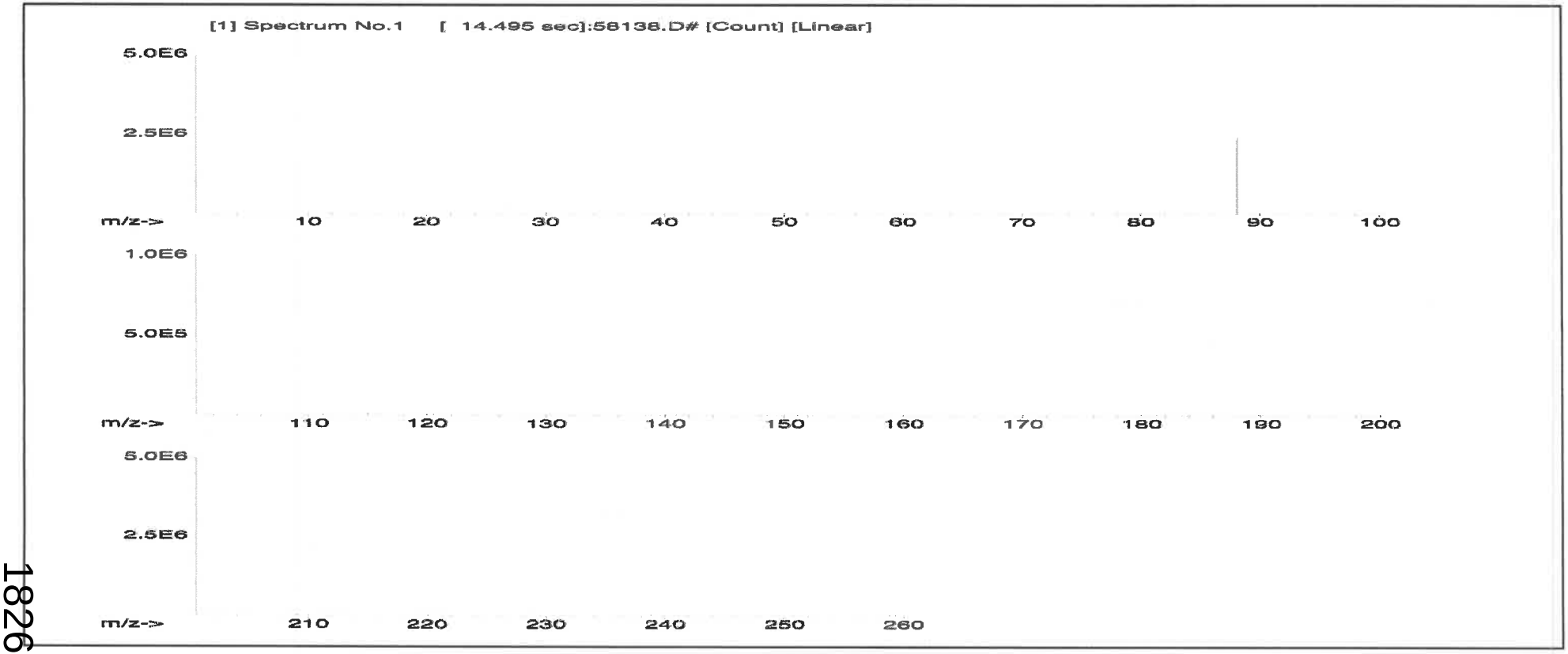
45982 R: 6/11/24

CERTIFIED WEIGHT REPORT:

Part Number:	**57038**			**Lot #**	
Lot Number:	**031524**	**Solvent:**	24002546	Nitric Acid	
Description:	**Strontium (Sr)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	031527				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



1826

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

18277

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Certified Reference Material CRM

M5983 R: 6/11/24

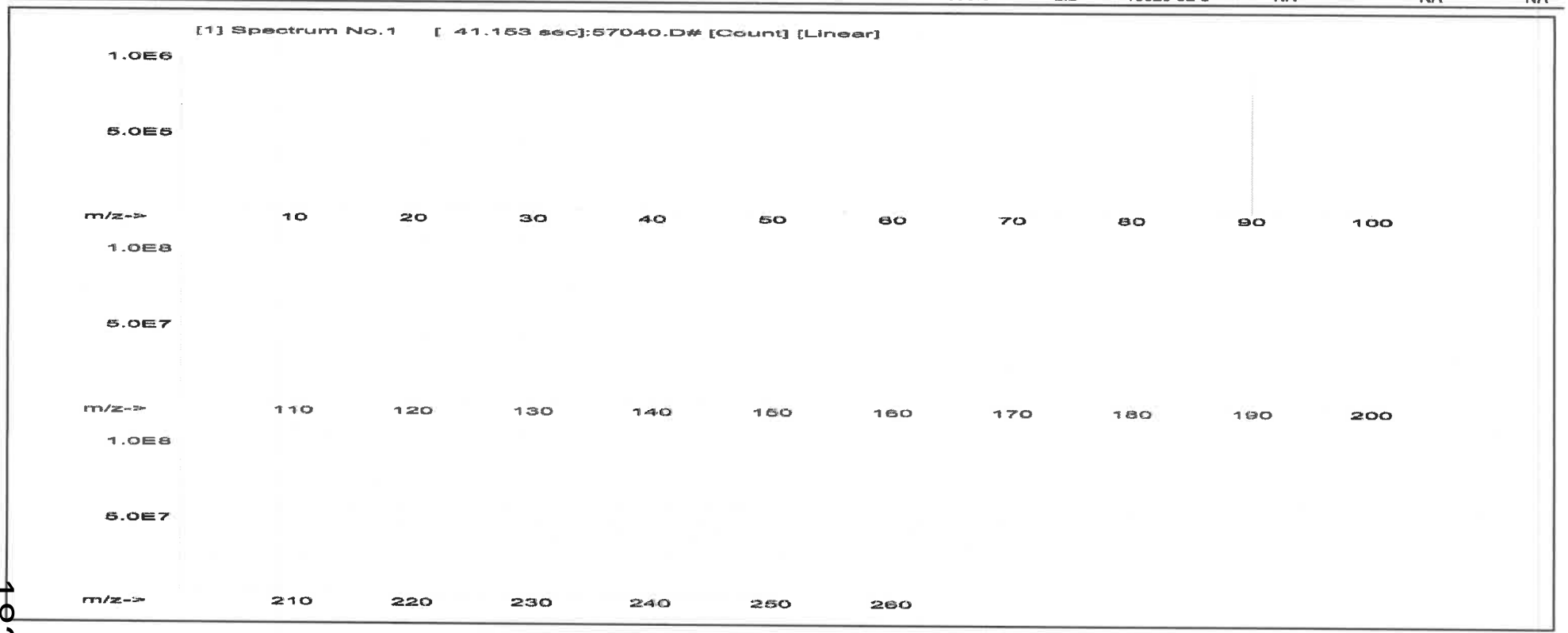
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57040	21110221	Nitric Acid	
Lot Number:	071423			
Description:	Zirconium (Zr)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



1828

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

18229

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Certified Reference Material CRM

R: 01/03/24 M6033

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1830

CERTIFIED WEIGHT REPORT:

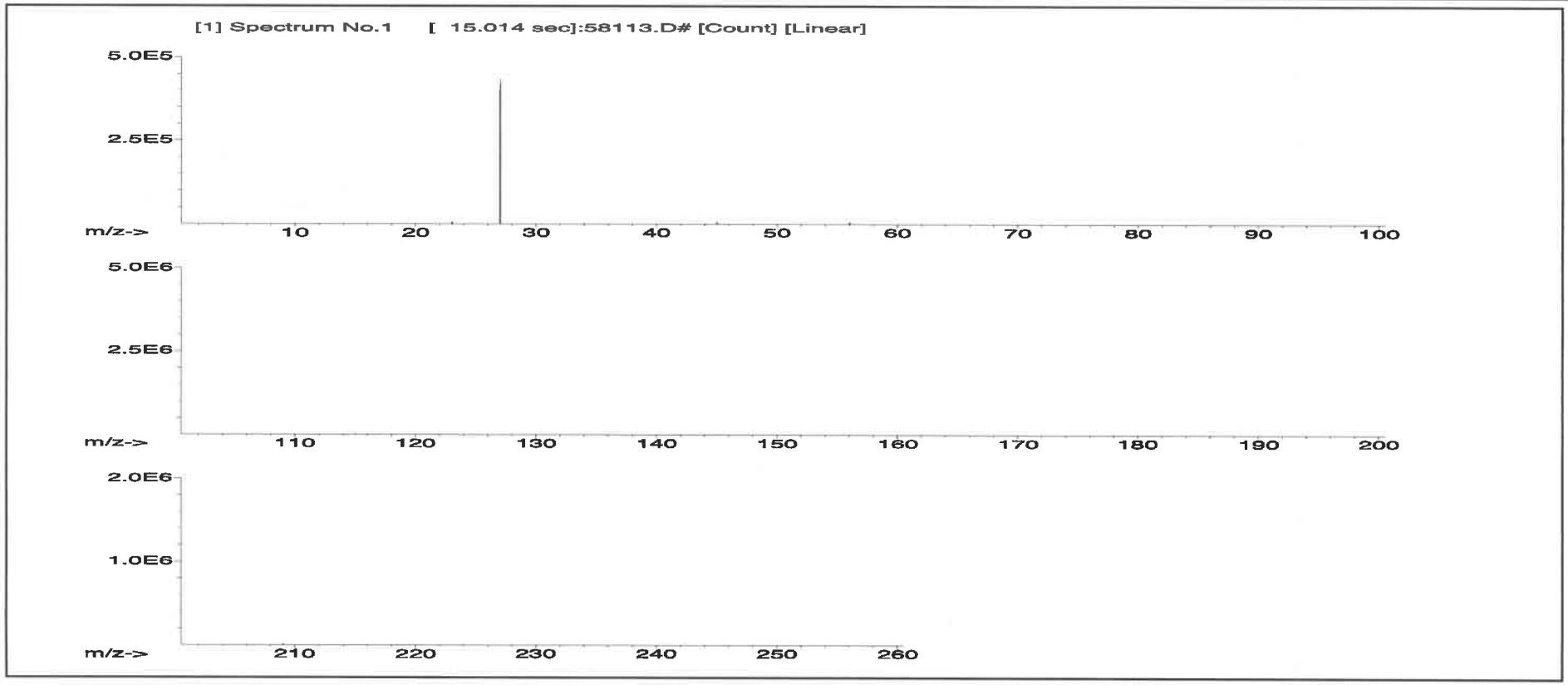
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



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Certificate of Analysis

R 18/19/24, M60055

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Christiansburg, VA 24073 USA
inorganicventures.com

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

M6094
M6095.

metdig
10/21/24.

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 – 38.0 %	37.6 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.192
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

M6109
M6110
M6111

Received date 9/29/24 Met dig.

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 22F0762009
Manufactured Date: 2022-05-10
Retest Date: 2027-05-09
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 – 38.0 %	37.6 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.190
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	0.8 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	14.9 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	6 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 22F0762009

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.5 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	0.8 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 3.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	< 0.3 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 2.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	1.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	0.7 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	0.8 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 22F0762009

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier

Jamie Ethier
Vice President Global Quality

1840

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1847

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 5E-05 Balance Uncertainty 0.06 Flask Uncertainty

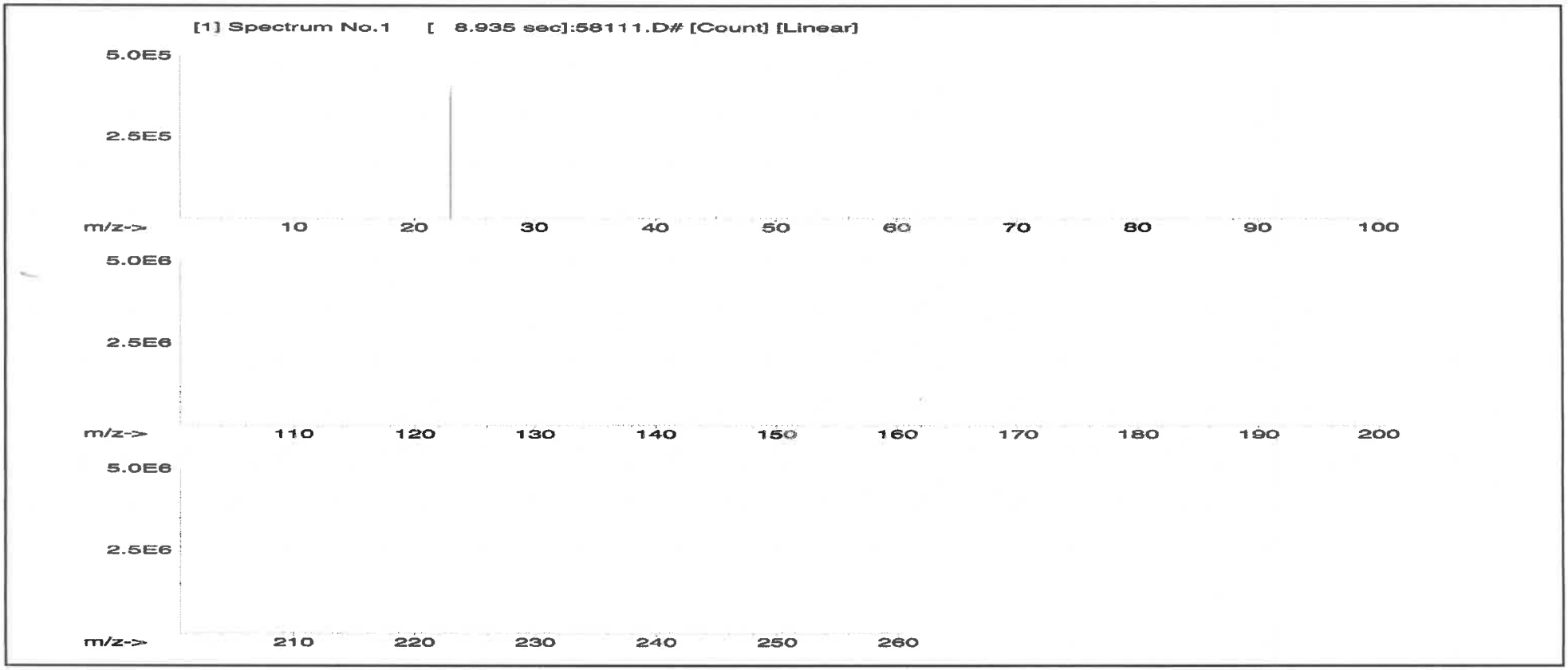
	Lot #	
Solvent:	24002546	Nitric Acid
2%	60.0 (mL)	Nitric Acid

Aleah O'Brady

Formulated By: Aleah O'Brady 122223

Reviewed By: Pedro L. Rentas 122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



1848

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES

Refine your results. Redefine your industry.

A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

1849

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

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APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
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Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R: 01/03/24 M5802, M5803

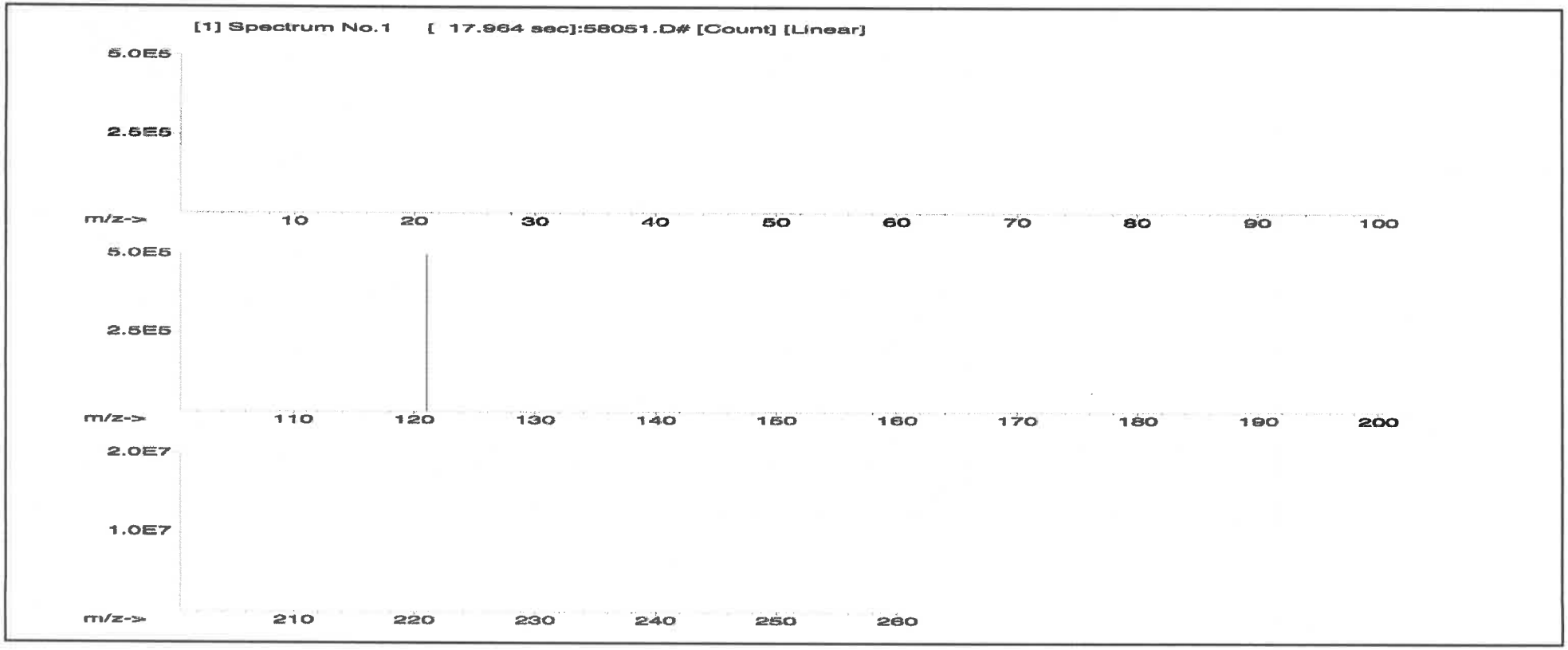
1857

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57051**	24002546	Nitric Acid		
Lot Number:	**120523**				
Description:	**Antimony (Sb)**	2.0%	60.0 (mL)	Nitric Acid	
Expiration Date:	120526				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



18588

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M6030

R: 8/5/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

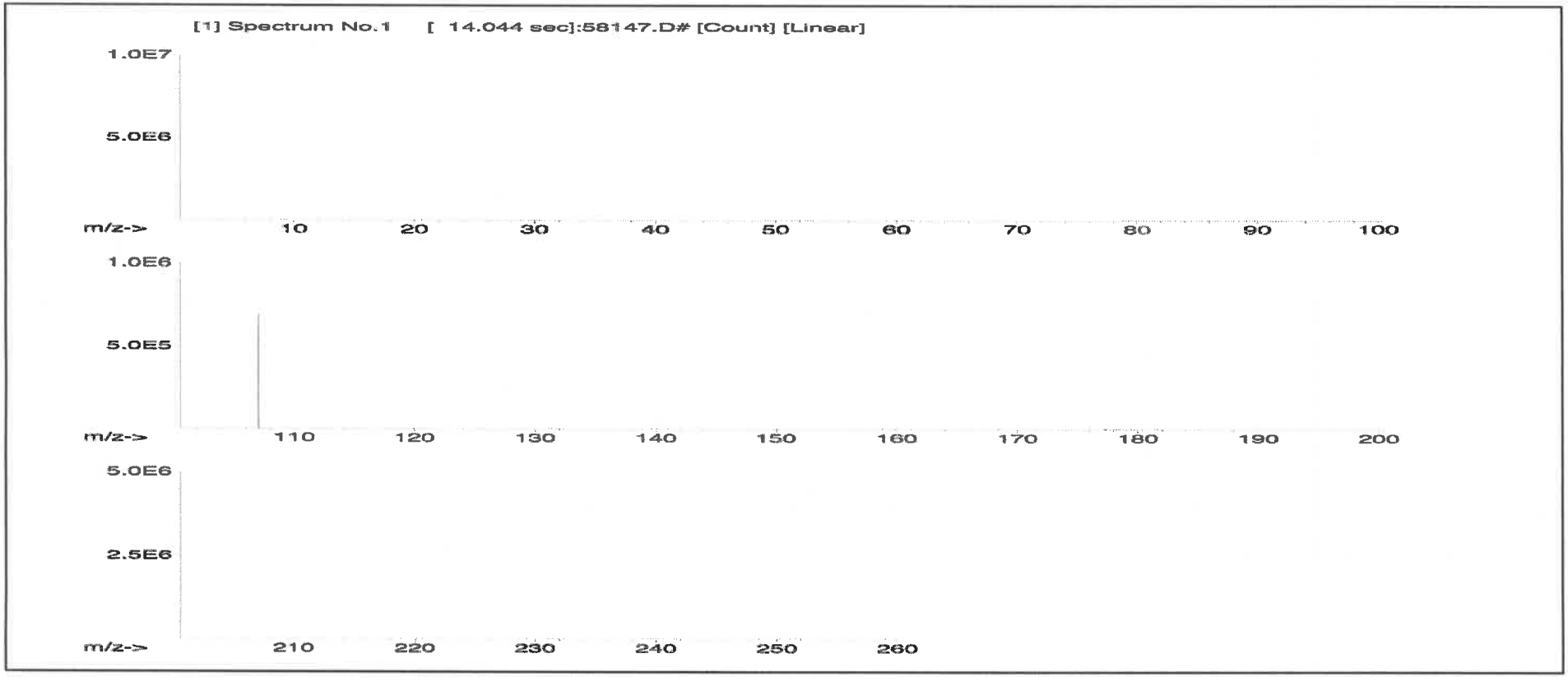
1859

CERTIFIED WEIGHT REPORT:

Part Number:	**57047**			**Lot #**	
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**				
		2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



1860

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 03/16/23 M5473, M5474, M5475, M5476

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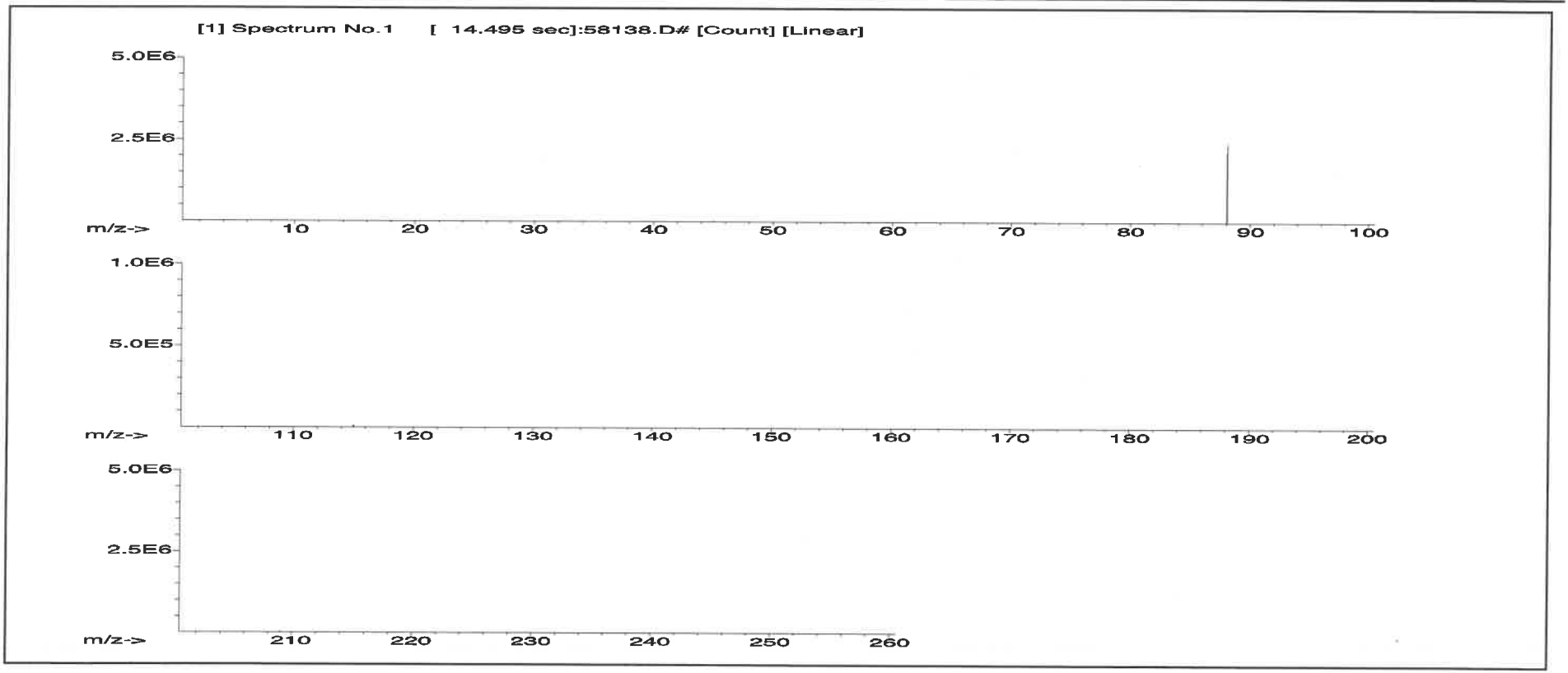
1861

CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



1862

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R ! 8/5/24

1863

CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

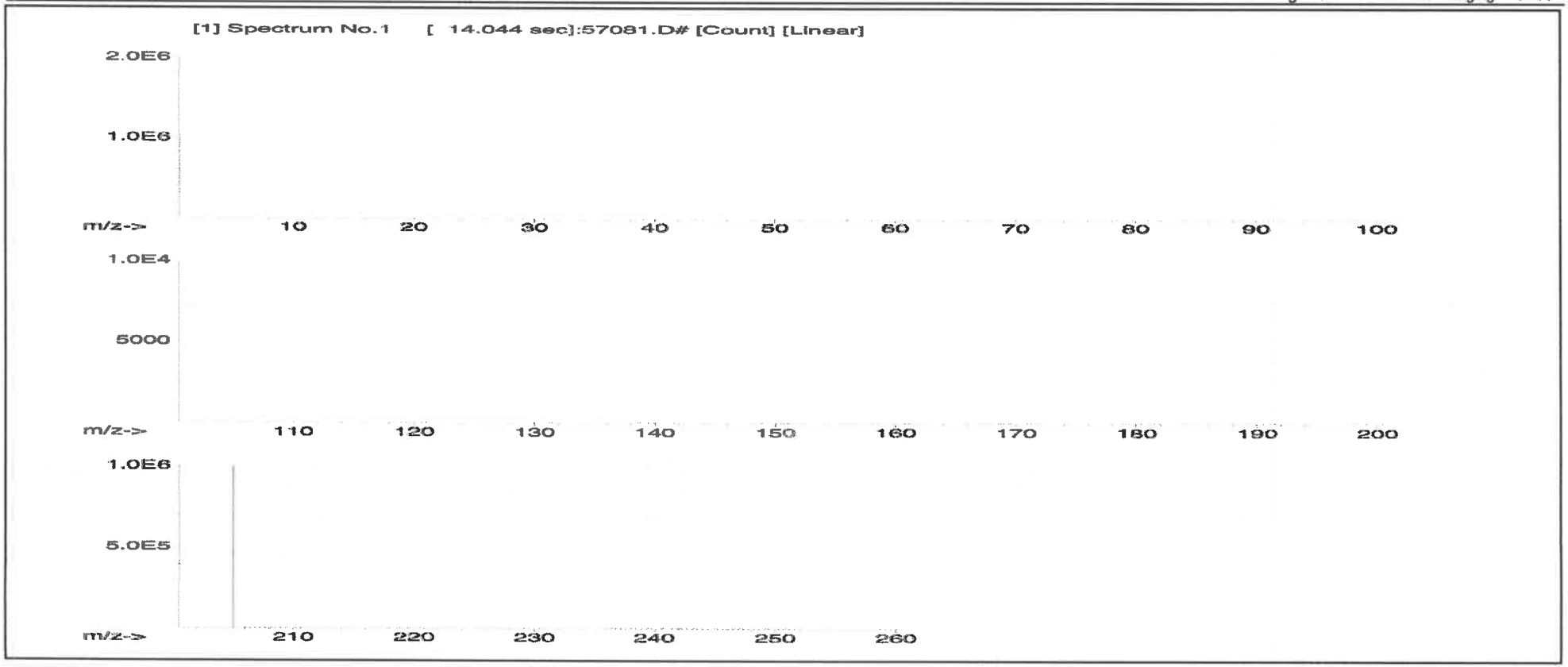
Aleah O'Brady

Formulated By:	Aleah O'Brady	062724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



1864

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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Rc. 8/5/24

1865

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**			
Description:	**Vanadium (V)**	24002546	Nitric Acid	
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

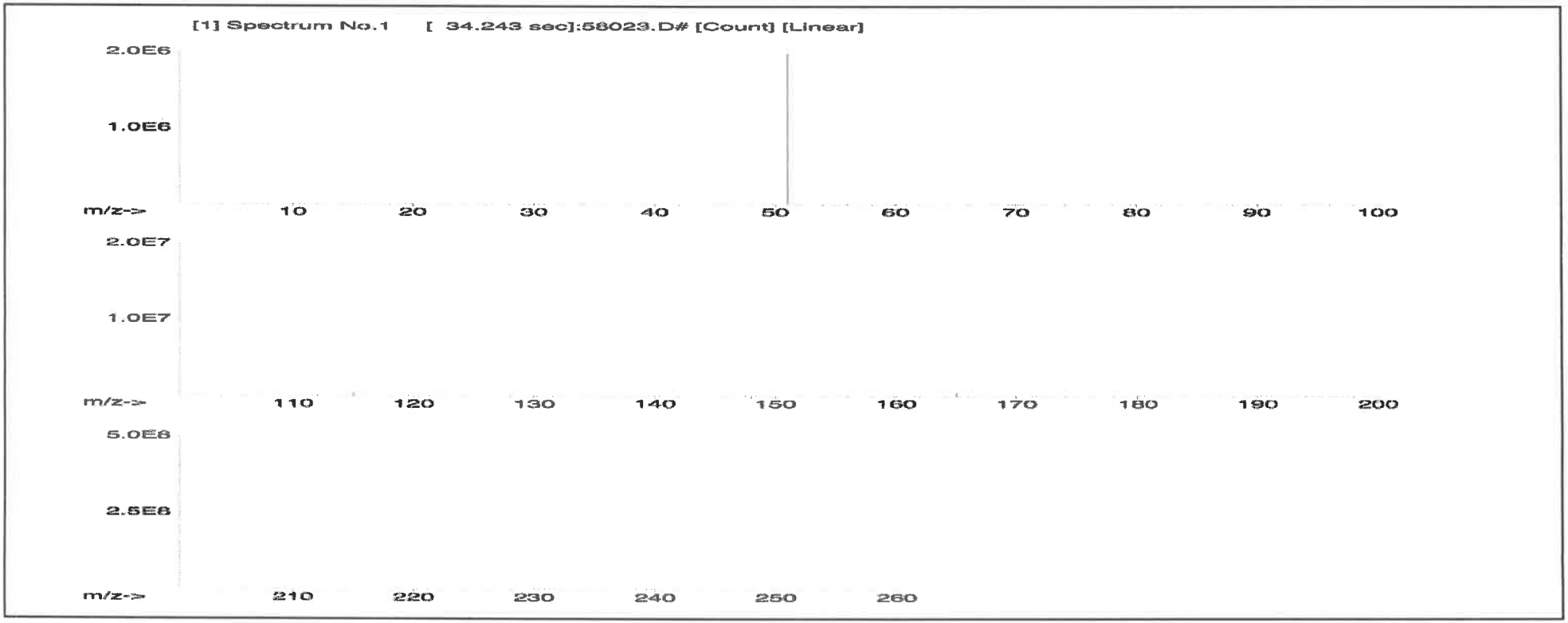
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



1866

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164716

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYE5N3 MYE5N4

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 11/06/2024 **Time :** 14:45 **Temp :** 95 °C

End Digest Date: 11/06/2024 **Time :** 17:55 **Temp :** 95 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: jgp

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP83046
LCSSD	0.50	MP83046
Spike Sol 1	0.3mL,0.3mL,0.027mL	M5565,M5657,M5962
Spike Sol 2	1.5mL,1.5mL,0.135mL	M5565,M5657,M5962
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP83122
1:1 HCL	5.00	MP83105
Conc. HNO3	5.00	M6116
30% H2O2	3.00	M5634
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #2 CELL #34 : 95 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/24 18:00	jgp / Met dig	Material Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164716

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4590-01	MYE5N3	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	1
P4590-01MS	MYE5N3MS RE 11/6/24	N/A	1.39	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	2
~~P4590-01MSD~~	~~MYE5N3MSD~~ 11/6/24	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	N/A
P4590-02	MYE5N3D	N/A	1.22	500	Brown	Yellow	Medium	N/A	N/A	3
P4590-03	MYE5N3S	N/A	1.24	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	4
P4591-01	MYE5N4	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	5
P4591-01MS	MYE5N4MS RE 11/6/24	N/A	1.42	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	6
~~P4591-01MSD~~	~~MYE5N4MSD~~ 11/6/24	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	N/A
P4591-02	MYE5N4D	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	7
P4591-03	MYE5N4S	N/A	1.40	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	8
P4591-04	MYE5N5	N/A	1.46	500	Brown	Yellow	Medium	N/A	N/A	9
PB164716BL	PBS716	N/A	1.00	500	Brown	Yellow	Medium	N/A	N/A	10
PB164716BS	LCS716	N/A	1.00	500	Brown	Yellow	Medium	N/A	MP83046	11
PB164716BSD	LCSD716	N/A	1.00	500	Brown	Yellow	Medium	N/A	MP83046	12

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133416

Review By	Sarabjit Jaswal	Review On	11/14/2024 7:16:37 AM
Supervise By	Mohan Bera	Supervise On	11/14/2024 11:07:21 PM

STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE001	TUNE	11/12/24 11:12		Jaswal	OK
2	S00	S0	CAL1	11/12/24 12:38		Jaswal	OK
3	S02	S02	CAL3	11/12/24 12:45		Jaswal	OK
4	S03	S03	CAL4	11/12/24 12:48		Jaswal	OK
5	S04	S04	CAL5	11/12/24 12:51		Jaswal	OK
6	S05	S05	CAL6	11/12/24 12:54		Jaswal	OK
7	S06	S06	CAL7	11/12/24 12:56		Jaswal	OK
8	S07	S07	CAL8	11/12/24 12:59		Jaswal	OK
9	S08	S08	CAL9	11/12/24 13:02		Jaswal	OK
10	ICV001	ICV001	ICV	11/12/24 13:43	Inst. paused Calibration for review	Jaswal	OK
11	ICB001	ICB001	ICB	11/12/24 13:46		Jaswal	OK
12	ICSA001	ICSA001	ICSA	11/12/24 13:49		Jaswal	OK
13	ICSAB001	ICSAB001	ICSAB	11/12/24 13:52		Jaswal	OK
14	CCV001	CCV001	CCV	11/12/24 13:59	Inst. paused for review	Jaswal	OK
15	CCB001	CCB001	CCB	11/12/24 14:02		Jaswal	OK
16	PB164655BL	PBS655	MB	11/12/24 14:07		Jaswal	OK
17	PB164655BS	LCS655	LCS	11/12/24 14:10		Jaswal	OK
18	PB164655BSD	LCSD655	LCSD	11/12/24 14:13		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133416

Review By	Sarabjit Jaswal	Review On	11/14/2024 7:16:37 AM
Supervise By	Mohan Bera	Supervise On	11/14/2024 11:07:21 PM

STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

19	PB164657BL	PBS657	MB	11/12/24 14:17		Jaswal	OK
20	PB164657BS	LCS657	LCS	11/12/24 14:20		Jaswal	OK
21	PB164657BSD	LCSD657	LCSD	11/12/24 14:23		Jaswal	OK
22	PB164659BL	PBS659	MB	11/12/24 14:26		Jaswal	OK
23	PB164659BS	LCS659	LCS	11/12/24 14:30		Jaswal	OK
24	PB164659BSD	LCSD659	LCSD	11/12/24 14:33		Jaswal	OK
25	P4572-01	MYE557	SAM	11/12/24 14:36		Jaswal	OK
26	P4572-02	MYE558	SAM	11/12/24 14:39		Jaswal	OK
27	P4572-03	MYE559	SAM	11/12/24 14:42		Jaswal	OK
28	P4572-04	MYE560	SAM	11/12/24 14:45		Jaswal	OK
29	P4572-05	MYE561	SAM	11/12/24 14:48		Jaswal	OK
30	P4572-06	MYE562	SAM	11/12/24 14:51		Jaswal	OK
31	P4572-07	MYE582	SAM	11/12/24 14:54		Jaswal	OK
32	P4572-08	MYE583	SAM	11/12/24 14:57		Jaswal	OK
33	P4572-09	MYE584	SAM	11/12/24 15:00		Jaswal	OK
34	P4572-10	MYE585	SAM	11/12/24 15:04		Jaswal	OK
35	P4572-11	MYE586	SAM	11/12/24 15:07	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
36	P4572-12	MYE586D	DUP	11/12/24 15:10	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
37	P4572-11L	MYE586L	SD	11/12/24 15:13	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
38	P4572-13	MYE586S	MS	11/12/24 15:16	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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Review By	Sarabjit Jaswal	Review On	11/14/2024 7:16:37 AM
Supervise By	Mohan Bera	Supervise On	11/14/2024 11:07:21 PM

STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

39	P4572-11MS	MYE586SRE	MS	11/12/24 15:19	Ba,Co,Ni,V High	Jaswal	Dilution
40	P4572-14	MYE587	SAM	11/12/24 15:21		Jaswal	OK
41	P4572-15	MYE588	SAM	11/12/24 15:24		Jaswal	OK
42	P4572-16	MYE589	SAM	11/12/24 15:28		Jaswal	OK
43	P4572-17	MYE590	SAM	11/12/24 15:30		Jaswal	OK
44	P4572-18	MYE591	SAM	11/12/24 15:33		Jaswal	OK
45	P4572-19	MYE592	SAM	11/12/24 15:36		Jaswal	OK
46	P4572-20	MYE593	SAM	11/12/24 15:39		Jaswal	OK
47	CCV002	CCV002	CCV	11/12/24 15:42		Jaswal	OK
48	CCB002	CCB002	CCB	11/12/24 15:45		Jaswal	OK
49	P4572-21	MYE594	SAM	11/12/24 15:48		Jaswal	OK
50	P4572-22	MYE595	SAM	11/12/24 15:51		Jaswal	OK
51	P4573-01	MYE596	SAM	11/12/24 15:54		Jaswal	OK
52	P4573-02	MYE597	SAM	11/12/24 15:57		Jaswal	OK
53	P4573-03	MYE598	SAM	11/12/24 16:00		Jaswal	OK
54	P4573-04	MYE599	SAM	11/12/24 16:03		Jaswal	OK
55	P4573-05	MYE5A0	SAM	11/12/24 16:06		Jaswal	OK
56	P4573-06	MYE5A1	SAM	11/12/24 16:10		Jaswal	OK
57	P4573-07	MYE5A2	SAM	11/12/24 16:13	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
58	P4573-08	MYE5A2D	DUP	11/12/24 16:16	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

59	P4573-07L	MYE5A2L	SD	11/12/24 16:19	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
60	P4573-09	MYE5A2S	MS	11/12/24 16:22	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
61	P4573-07MS	MYE5A2SRE	MS	11/12/24 16:25	MS Faill for Ag(Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
62	P4573-10	MYE5A3	SAM	11/12/24 16:28		Jaswal	OK
63	P4573-11	MYE5A4	SAM	11/12/24 16:31		Jaswal	OK
64	P4573-12	MYE5A5	SAM	11/12/24 16:34		Jaswal	OK
65	P4573-13	MYE5A6	SAM	11/12/24 16:37		Jaswal	OK
66	P4573-14	MYE5A7	SAM	11/12/24 16:40		Jaswal	OK
67	P4573-15	MYE5A8	SAM	11/12/24 16:43		Jaswal	OK
68	P4573-16	MYE5A9	SAM	11/12/24 16:46		Jaswal	OK
69	P4573-17	MYE5B0	SAM	11/12/24 16:49		Jaswal	OK
70	P4573-18	MYE5B1	SAM	11/12/24 16:52		Jaswal	OK
71	P4573-19	MYE5B2	SAM	11/12/24 16:55		Jaswal	OK
72	P4587-01	MYE5G4	SAM	11/12/24 16:58		Jaswal	OK
73	P4587-02	MYE5G5	SAM	11/12/24 17:01		Jaswal	OK
74	P4587-03	MYE5G6	SAM	11/12/24 17:04		Jaswal	OK
75	CCV003	CCV003	CCV	11/12/24 17:07		Jaswal	OK
76	CCB003	CCB003	CCB	11/12/24 17:10		Jaswal	OK
77	P4587-04	MYE5G7	SAM	11/12/24 17:13		Jaswal	OK

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CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

78	P4587-05	MYE5G8	SAM	11/12/24 17:16		Jaswal	OK
79	P4587-06	MYE5G9	SAM	11/12/24 17:19	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
80	P4587-07	MYE5G9D	DUP	11/12/24 17:22	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
81	P4587-06L	MYE5G9L	SD	11/12/24 17:25	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
82	P4587-08	MYE5G9S	MS	11/12/24 17:28	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
83	P4587-06MS	MYE5G9SRE	MS	11/12/24 17:31	Ba,Co,Ni,V High	Jaswal	Dilution
84	P4587-09	MYE5H0	SAM	11/12/24 17:34		Jaswal	OK
85	P4587-10	MYE5H1	SAM	11/12/24 17:37		Jaswal	OK
86	P4587-11	MYE5H2	SAM	11/12/24 17:40		Jaswal	OK
87	P4587-12	MYE5H3	SAM	11/12/24 17:43		Jaswal	OK
88	P4587-13	MYE5H4	SAM	11/12/24 17:46		Jaswal	OK
89	P4587-14	MYE5H5	SAM	11/12/24 17:49		Jaswal	OK
90	P4587-15	MYE5H6	SAM	11/12/24 17:52		Jaswal	OK
91	P4587-16	MYE5H7	SAM	11/12/24 17:55		Jaswal	OK
92	P4587-17	MYE5H8	SAM	11/12/24 17:58		Jaswal	OK
93	P4587-18	MYE5H9	SAM	11/12/24 18:01		Jaswal	OK
94	P4587-19	MYE5J0	SAM	11/12/24 18:05		Jaswal	OK
95	P4587-20	MYE5J1	SAM	11/12/24 18:08		Jaswal	OK
96	P4572-11DL	MYE586	SAM	11/12/24 18:11	4X for Ba,Co,Ni,V	Jaswal	Confirms
97	P4572-12DL	MYE586D	DUP	11/12/24 18:14	4X for Ba,Co,Ni,V	Jaswal	Confirms

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

98	P4572-11LDL	MYE586L	SD	11/12/24 18:17	20X for Ba,Co,Ni,V	Jaswal	Confirms
99	P4572-13DL	MYE586S	MS	11/12/24 18:20	4X for Ba,Co,Ni,V	Jaswal	Confirms
100	P4572-11MSDL	MYE586SRE	MS	11/12/24 18:23	4X for Ba,Co,Ni,V	Jaswal	Confirms
101	P4573-07DL	MYE5A2	SAM	11/12/24 18:26	4X for Ba,Co,Ni,V	Jaswal	Confirms
102	P4573-08DL	MYE5A2D	DUP	11/12/24 18:29	4X for Ba,Co,Ni,V	Jaswal	Confirms
103	P4573-07LDL	MYE5A2L	SD	11/12/24 18:33	20X for Ba,Co,Ni,V	Jaswal	Confirms
104	P4573-09DL	MYE5A2S	MS	11/12/24 18:36	4X for Ba,Co,Ni,V	Jaswal	Confirms
105	CCV004	CCV004	CCV	11/12/24 18:39		Jaswal	OK
106	CCB004	CCB004	CCB	11/12/24 18:42		Jaswal	OK
107	P4573-07MSDL	MYE5A2SRE	MS	11/12/24 18:45	4X for Ba,Co,Ni,V	Jaswal	Confirms
108	P4587-06DL	MYE5G9	SAM	11/12/24 18:48	4X for Ba,Co,Ni,V	Jaswal	Confirms
109	P4587-07DL	MYE5G9D	DUP	11/12/24 18:51	4X for Ba,Co,Ni,V	Jaswal	Confirms
110	P4587-06LDL	MYE5G9L	SD	11/12/24 18:54	20X for Ba,Co,Ni,V	Jaswal	Confirms
111	P4587-08DL	MYE5G9S	MS	11/12/24 18:57	4X for Ba,Co,Ni,V	Jaswal	Confirms
112	P4587-06MSDL	MYE5G9SRE	MS	11/12/24 19:00	4X for Ba,Co,Ni,V	Jaswal	Confirms
113	P4571-01DL	MYE543	SAM	11/12/24 19:12	MS Fail for Many Parameter so please confirm	Jaswal	Not Ok
114	P4571-02DL	MYE543D	DUP	11/12/24 19:15	MS Fail for Many Parameter so please confirm	Jaswal	Not Ok

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

115	P4571-01LDL	MYE543L	SD	11/12/24 19:19	MS Fail for Many Parameter so please confirm	Jaswal	Not Ok
116	P4571-03DL	MYE543S	MS	11/12/24 19:22	MS Fail for Many Parameter so please confirm	Jaswal	Not Ok
117	P4571-01MSDL	MYE543SRE	MS	11/12/24 19:25	MS Fail for Many Parameter so please confirm	Jaswal	Not Ok
118	P4571-01A	MYE543ARE	PS	11/12/24 19:28	Not Required	Jaswal	Not Ok
119	P4571-05	MYE577	SAM	11/12/24 19:31		Jaswal	OK
120	P4571-06	MYE578	SAM	11/12/24 19:34		Jaswal	OK
121	P4571-20DL	MYE554	SAM	11/12/24 19:37	Not Use	Jaswal	Not Ok
122	PB164829BL	PBW829	MB	11/12/24 19:41		Jaswal	OK
123	PB164829BS	LCS829	LCS	11/12/24 19:44		Jaswal	OK
124	P4787-01	GCP96	SAM	11/12/24 19:48		Jaswal	OK
125	P4787-02	GCP96D	DUP	11/12/24 19:51		Jaswal	OK
126	P4787-01L	GCP96L	SD	11/12/24 19:54		Jaswal	OK
127	P4787-03	GCP96S	MS	11/12/24 19:57		Jaswal	OK
128	P4787-04	GCP97	SAM	11/12/24 20:00		Jaswal	OK
129	P4787-05	GCP98	SAM	11/12/24 20:03		Jaswal	OK
130	P4787-06	GCP99	SAM	11/12/24 20:07		Jaswal	OK
131	P4787-07	GCPA0	SAM	11/12/24 20:10		Jaswal	OK
132	P4787-08	GCPA1	SAM	11/12/24 20:13	V High	Jaswal	Dilution

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CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

133	P4787-08DL	GCPA1	SAM	11/12/24 20:16	2X For V	Jaswal	Confirms
134	CCV005	CCV005	CCV	11/12/24 20:19		Jaswal	OK
135	CCB005	CCB005	CCB	11/12/24 20:22		Jaswal	OK
136	P4787-08DL2	GCPA1	SAM	11/12/24 20:25	Not Required	Jaswal	Not Ok
137	P4787-08DL2RE	GCPA1	SAM	11/12/24 20:28	Not Required	Jaswal	Not Ok
138	PB164716BL	PBS716	MB	11/12/24 20:31		Jaswal	OK
139	PB164716BS	LCS716	LCS	11/12/24 20:39		Jaswal	OK
140	PB164716BSD	LCSD716	LCSD	11/12/24 20:42		Jaswal	OK
141	PB164699BL	PBS699	MB	11/12/24 20:45		Jaswal	OK
142	PB164699BS	LCS699	LCS	11/12/24 20:48		Jaswal	OK
143	PB164699BSD	LCSD699	LCSD	11/12/24 20:52		Jaswal	OK
144	P4590-01	MYE5N3	SAM	11/12/24 20:55	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
145	P4590-02	MYE5N3D	DUP	11/12/24 20:58	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
146	P4590-01L	MYE5N3L	SD	11/12/24 21:01	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
147	P4590-03	MYE5N3S	MS	11/12/24 21:04	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
148	P4590-01MS	MYE5N3SRE	MS	11/12/24 21:07	Ba,Co,Ni,V High	Jaswal	Dilution
149	P4591-01	MYE5N4	SAM	11/12/24 21:10	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
150	P4591-02	MYE5N4D	DUP	11/12/24 21:13	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
151	P4591-01L	MYE5N4L	SD	11/12/24 21:16	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
152	P4591-03	MYE5N4S	MS	11/12/24 21:19	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

153	P4591-01MS	MYE5N4SRE	MS	11/12/24 21:22	Ba,Co,Ni,V High	Jaswal	Dilution
154	P4591-04	MYE5N5	SAM	11/12/24 21:25		Jaswal	OK
155	P4589-01	MYE5L0	SAM	11/12/24 21:28		Jaswal	OK
156	P4589-02	MYE5L1	SAM	11/12/24 21:31		Jaswal	OK
157	P4589-03	MYE5L2	SAM	11/12/24 21:34		Jaswal	OK
158	P4589-04	MYE5M3	SAM	11/12/24 21:38		Jaswal	OK
159	P4589-05	MYE5M4	SAM	11/12/24 21:41		Jaswal	OK
160	P4589-06	MYE5M5	SAM	11/12/24 21:44		Jaswal	OK
161	P4589-07	MYE5M6	SAM	11/12/24 21:47		Jaswal	OK
162	P4589-08	MYE5M7	SAM	11/12/24 21:50		Jaswal	OK
163	P4589-09	MYE5M8	SAM	11/12/24 21:53		Jaswal	OK
164	CCV006	CCV006	CCV	11/12/24 21:58		Jaswal	OK
165	CCB006	CCB006	CCB	11/12/24 22:03		Jaswal	OK
166	P4589-10	MYE5M9	SAM	11/12/24 22:06		Jaswal	OK
167	P4589-11	MYE5N0	SAM	11/12/24 22:09		Jaswal	OK
168	P4589-12	MYE5N1	SAM	11/12/24 22:12		Jaswal	OK
169	P4589-13	MYE5N2	SAM	11/12/24 22:15	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
170	P4589-14	MYE5N2D	DUP	11/12/24 22:18	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
171	P4589-13L	MYE5N2L	SD	11/12/24 22:21	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
172	P4589-15	MYE5N2S	MS	11/12/24 22:24	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

173	P4589-13MS	MYE5N2SRE	MS	11/12/24 22:27	Ba,Co,Ni,V High	Jaswal	Dilution
174	PB164696BL	PBS696	MB	11/12/24 22:30		Jaswal	OK
175	PB164696BS	LCS696	LCS	11/12/24 22:33		Jaswal	OK
176	PB164696BSD	LCSD696	LCSD	11/12/24 22:37		Jaswal	OK
177	P4588-01	MYE5J2	SAM	11/12/24 22:40		Jaswal	OK
178	P4588-02	MYE5J3	SAM	11/12/24 22:43		Jaswal	OK
179	P4588-03	MYE5J4	SAM	11/12/24 22:46		Jaswal	OK
180	P4588-04	MYE5J5	SAM	11/12/24 22:49		Jaswal	OK
181	P4588-05	MYE5J6	SAM	11/12/24 22:52		Jaswal	OK
182	P4588-06	MYE5J7	SAM	11/12/24 22:55		Jaswal	OK
183	P4588-07	MYE5J8	SAM	11/12/24 22:59		Jaswal	OK
184	P4588-08	MYE5J9	SAM	11/12/24 23:02		Jaswal	OK
185	P4588-09	MYE5K0	SAM	11/12/24 23:05		Jaswal	OK
186	P4588-10	MYE5K1	SAM	11/12/24 23:08		Jaswal	OK
187	P4588-11	MYE5K2	SAM	11/12/24 23:11		Jaswal	OK
188	P4588-12	MYE5K3	SAM	11/12/24 23:14		Jaswal	OK
189	P4588-13	MYE5K4	SAM	11/12/24 23:17		Jaswal	OK
190	P4588-14	MYE5K5	SAM	11/12/24 23:20	Not USe	Jaswal	Not Ok
191	P4588-15	MYE5K5D	DUP	11/12/24 23:23	Not USe	Jaswal	Not Ok
192	P4588-14L	MYE5K5L	SD	11/12/24 23:26	Not USe	Jaswal	Not Ok

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STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

193	P4588-16	MYE5K5S	MS	11/12/24 23:29	Not USe	Jaswal	Not Ok
194	CCV007	CCV007	CCV	11/12/24 23:32		Jaswal	OK
195	CCB007	CCB007	CCB	11/12/24 23:35		Jaswal	OK
196	P4588-14MS	MYE5K5SRE	MS	11/12/24 23:38	Not USe	Jaswal	Not Ok
197	P4588-17	MYE5K6	SAM	11/12/24 23:41		Jaswal	OK
198	P4588-18	MYE5K7	SAM	11/12/24 23:44		Jaswal	OK
199	P4588-19	MYE5K8	SAM	11/12/24 23:47		Jaswal	OK
200	P4588-20	MYE5K9	SAM	11/12/24 23:50		Jaswal	OK
201	P4590-01DL	MYE5N3	SAM	11/12/24 23:53	4X for Ba,Co,Ni,V	Jaswal	Confirms
202	P4590-02DL	MYE5N3D	DUP	11/12/24 23:57	4X for Ba,Co,Ni,V	Jaswal	Confirms
203	P4590-01LDL	MYE5N3L	SD	11/13/24	20X for Ba,Co,Ni,V	Jaswal	Confirms
204	P4590-03DL	MYE5N3S	MS	11/13/24 00:03	4X for Ba,Co,Ni,V	Jaswal	Confirms
205	P4590-01MSDL	MYE5N3SRE	MS	11/13/24 00:06	4X for Ba,Co,Ni,V	Jaswal	Confirms
206	P4591-01DL	MYE5N4	SAM	11/13/24 00:09	4X for Ba,Co,Ni,V	Jaswal	Confirms
207	P4591-02DL	MYE5N4D	DUP	11/13/24 00:12	4X for Ba,Co,Ni,V	Jaswal	Confirms
208	P4591-01LDL	MYE5N4L	SD	11/13/24 00:15	20X for Ba,Co,Ni,V	Jaswal	Confirms
209	P4591-03DL	MYE5N4S	MS	11/13/24 00:19	4X for Ba,Co,Ni,V	Jaswal	Confirms
210	P4591-01MSDL	MYE5N4SRE	MS	11/13/24 00:22	4X for Ba,Co,Ni,V	Jaswal	Confirms
211	P4589-13DL	MYE5N2	SAM	11/13/24 00:25	4X for Ba,Co,Ni,V	Jaswal	Confirms
212	P4589-14DL	MYE5N2D	DUP	11/13/24 00:28	4X for Ba,Co,Ni,V	Jaswal	Confirms

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133416

Review By	Sarabjit Jaswal	Review On	11/14/2024 7:16:37 AM
Supervise By	Mohan Bera	Supervise On	11/14/2024 11:07:21 PM

STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

213	P4589-13LDL	MYE5N2L	SD	11/13/24 00:31	20X for Ba,Co,Ni,V	Jaswal	Confirms
214	P4589-15DL	MYE5N2S	MS	11/13/24 00:34	4X for Ba,Co,Ni,V	Jaswal	Confirms
215	P4589-13MSDL	MYE5N2SRE	MS	11/13/24 00:38	4X for Ba,Co,Ni,V	Jaswal	Confirms
216	P4588-14DL	MYE5K5	SAM	11/13/24 00:47	Not USe	Jaswal	Not Ok
217	P4588-15DL	MYE5K5D	DUP	11/13/24 00:50	Not USe	Jaswal	Not Ok
218	P4588-14LDL	MYE5K5L	SD	11/13/24 00:53	Not USe	Jaswal	Not Ok
219	P4588-16DL	MYE5K5S	MS	11/13/24 00:57	Not USe	Jaswal	Not Ok
220	P4588-14MSDL	MYE5K5SRE	MS	11/13/24 01:00	Not USe	Jaswal	Not Ok
221	CCV008	CCV008	CCV	11/13/24 01:03		Jaswal	OK
222	CCB008	CCB008	CCB	11/13/24 01:05		Jaswal	OK

ORIGIN ID:CVOA (510) 412-2389
SAMPLE CUSTODIAN
EPA R9
200 SW 35TH STREET
CORVALLIS, OR 97333
UNITED STATES US

SHIP DATE: 25OCT24
ACTWGT: 60.00 LB
CAD: 110555659/INET4760
DIMS: 25x14x15 IN
BILL SENDER

TO **SOHIL JODHANI**
ALLIANCE TECHNICAL GROUP LLC
284 SHEFFIELD ST
MOUNTAINSIDE NJ 07092
(908) 728-3152
INV:
PO:
REF: W3150.1.043.09MX.AJK0P551J0700
DEPT:

58CJ4/7DE3/C8C4

J244024691691uw

FedEx Express

1 of 2

TRK# 0201 7793 0515 1408

SATURDAY 12:00P
PRIORITY OVERNIGHT

MASTER

XO KBCA

07092
NJ-US EWR

K.C
0900
10-26-2024
Temp 17.0°C

After printing this label:
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Alliance TECHNICAL GROUP 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Login Summary Report

Order ID :	P4591	Order Date :	10/26/2024 9:00:00 AM	Project Mgr :	Deepak
Client :	USEPA CLP SMO	Project :	51817	Report Type :	USEPA CLP
Contact :	Anita Kapadia	Receive Date :	10/26/2024 9:00:00 AM	EDD Type :	EPA CLP
Date Sign Off :	10/30/2024 3:42:19 PM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P4591-01	MYE5N4	Solid	04/25/2024						
				Metals CLP Full		SFAM_AES	15	11/18/2024	11/18/2024
				Metals CLP MS FULL		SFAM_MS	15	11/18/2024	11/18/2024
				Percent Solids		Chemtech -SOP	15	11/18/2024	11/18/2024
P4591-02	MYE5N4D	Solid	04/25/2024						
				Metals CLP Full		SFAM_AES	15	11/18/2024	11/18/2024
				Metals CLP MS FULL		SFAM_MS	15	11/18/2024	11/18/2024
				Percent Solids		Chemtech -SOP	15	11/18/2024	11/18/2024
P4591-03	MYE5N4S	Solid	04/25/2024						
				Metals CLP Full		SFAM_AES	15	11/18/2024	11/18/2024
				Metals CLP MS FULL		SFAM_MS	15	11/18/2024	11/18/2024
				Percent Solids		Chemtech -SOP	15	11/18/2024	11/18/2024
P4591-04	MYE5N5	Solid	04/25/2024						
				Metals CLP Full		SFAM_AES	15	11/18/2024	11/18/2024
				Metals CLP MS FULL		SFAM_MS	15	11/18/2024	11/18/2024
				Percent Solids		Chemtech -SOP	15	11/18/2024	11/18/2024

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB164715 **WorkList ID :** 185168 **Department :** Digestion **Date :** 11-06-2024 10:22:22

1883

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4590-01	MYE5N3	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q21	04/25/2024	SFAM_AES
P4590-02	MYE5N3D	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q21	04/25/2024	SFAM_AES
P4590-03	MYE5N3S	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q21	04/25/2024	SFAM_AES
P4591-01	MYE5N4	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q21	04/25/2024	SFAM_AES
P4591-02	MYE5N4D	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q32	04/25/2024	SFAM_AES
P4591-03	MYE5N4S	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q32	04/25/2024	SFAM_AES
P4591-04	MYE5N5	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q32	04/25/2024	SFAM_AES

Date/Time 11/6/24 10:35

Raw Sample Received by: JSP(Met dig)

Raw Sample Relinquished by: CP

Date/Time 11/6/24 11:35

Raw Sample Received by: CP

Raw Sample Relinquished by: JSP(Met dig)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB164716 **WorkList ID :** 185169 **Department :** Digestion **Date :** 11-06-2024 10:23:24

1884

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4590-01	MYE5N3	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q21	04/25/2024	SFAM_MS
P4590-02	MYE5N3D	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q21	04/25/2024	SFAM_MS
P4590-03	MYE5N3S	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q21	04/25/2024	SFAM_MS
P4591-01	MYE5N4	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q21	04/25/2024	SFAM_MS
P4591-02	MYE5N4D	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q32	04/25/2024	SFAM_MS
P4591-03	MYE5N4S	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q32	04/25/2024	SFAM_MS
P4591-04	MYE5N5	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q32	04/25/2024	SFAM_MS

Date/Time 11/6/24 10:35
Raw Sample Received by: jsp (Met dig)
Raw Sample Relinquished by: CP SR

Date/Time 11/6/24 11:35
Raw Sample Received by: CP SR
Raw Sample Relinquished by: jsp (Met dig)