SDG COVER PAGE

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

Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCPM3

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MYCPM3	P5187-01		X		
MYCPM7	P5187-02		X		
MYCPN6	P5187-03		X		
MYD034	P5187-04		X		
MYD037	P5187-05		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:

USEPA CLP COC (LAB COPY)
DateShipped: 12/5/2024
CarrierName: FedEx
AirbillNo: 7704 9161 8786

CHAIN OF CUSTODY RECORD

Case #: 51779
Cooler #: 51779-113

No: 9-080824-121825-0113
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
RB-20240802	MYCPM3	Water (Blanks Only)/ REAC	Grab	CLP ICP-MS-11+(21)	9-8909 (HNO3 pH<2) (1)	IKM Staging Area	08/02/2024 14:44	
RB-20240803	MYCPM7	Water (Blanks Only)/ REAC	Grab	CLP ICP-MS-11+(21)	9-8910 (HNO3 pH<2) (1)	IKM Staging Area	08/03/2024 11:01	
RB-20240805	MYCPN6	Water (Blanks Only)/ REAC	Grab	CLP ICP-MS-11+(21)	9-8911 (HNO3 pH<2) (1)	IKM Staging Area	08/05/2024 15:25	
RB-20240916	MYD034	Water (Blanks Only)/ REAC	Grab	CLP ICP-MS-11+(21)	9-7478 (HNO3 pH<2) (1)	IKM Staging Area	09/16/2024 16:46	
RB-20240919	MYD037	Water (Blanks Only)/ REAC	Grab	CLP ICP-MS-11+(21)	9-7481 (HNO3 pH<2) (1)	IKM Staging Area	09/19/2024 17:15	

Special Instructions: Water - ICP-MS 11+ Metals: Ag, Al, As, Ba,Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Ni, Pb, Sb, Se,Tl, V, Zn

Analysis Key: CLP ICP-MS-11+=CLP ICP-MS 11 and additonal metals

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Original COC # 9-080824-121825-0113
9-092024-134642-0123

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
5/Analysis	Chris Hitzes REAC	12/5/24 10:00		1010 12-6-24	IR-Gun #1 1.8°C
					Custody Seal Intact
					Temp Blnk present

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) Gabrielle Rene		Log-in Date 12/6/2024
Received By (Signature)		
Case Number 51779	SDG No. MYCPM3	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	770491618786 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	1.8 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	12/06/2024
12. Time Received	10:10

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MYCPM3	1.9	9-8909	P5187-01	Intact
2	MYCPM7	1.9	9-8910	P5187-02	Intact
3	MYCPN6	1.9	9-8911	P5187-03	Intact
4	MYD034	1.9	9-7478	P5187-04	Intact
5	MYD037	1.9	9-7481	P5187-05	Intact
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	12/6/24	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.	**51779**	SDG NO.	**MYCPM3**
MA NO.		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	9	✓	
6 . Communication Logs	NA	NA	✓	
7 . Percent Solids Log	NA	NA	✓	
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	NA	NA	✓	
9 . Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
10 . Standard and Reagent Preparation Logs	NA	NA	✓	
11 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
12 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
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	10	14	✓	
18 . Instrument raw data by instrument in analysis order	15	1001	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	1002	1139	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1140	1141	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1142	1150	✓	
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)	1151	1151	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	1152	1152	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	1153	1153	✓	
47. Other Records and related Communication Logs (describe or list)				
	NA	NA	✓	

48. Comments:

Completed by: (CLP Lab)		Nimisha Pandya, Document Control Officer	
	(Signature)	(Print Name & Title)	(Date)
Audited by: (EPA)			
	(Signature)	(Print Name & Title)	(Date)

284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MYCPM3
CASE # 51779
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P5187

A. Number of Samples and Date of Receipt

05 Water samples were delivered to the laboratory intact on 12/06/2024.

B. Parameters

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

C. Cooler Temp

Indicator Bottle**: Presence/**Absence

Cooler: 1.8^{o}C

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

Issue: The COC lists the Case number 51701 and the sample containers list Case number 51880.

E. Corrective Action taken for above:

Resolution: Per Region 5, The correct Case number is 51880 and a revised COC has been provided. Please 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.

284 Sheffield Street
Mountainside, NJ 07092

G. Calculation:

Calculation for ICP-MS Water Sample:

$$\text{Concentration or Result } (\mu g/L) = C \times \frac{Vf}{Vi} \times DF$$

Where,

C = Instrument value in ppb (The average of all replicate integrations)
Vf = Final digestion volume (mL)
Vi = Initial aliquot amount (mL) (Sample amount taken in prep)
DF = Dilution Factor

Example Calculation For Sample MYCPM3 For Barium:

If C = 0.71 ppb
Vf = 50 ml
Vi = 50 ml
DF = 1

$$\text{Concentration or Result } (\mu g/L) = 0.71 \times \frac{50}{50} \times 1$$

$$= 0.71\ \mu g/L$$

$$= 0.71\ \mu g/L \text{ (Reported Result with Signification)}$$

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.

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
Aluminum	45Sc
Antimony	159Tb
Arsenic	89Y

284 Sheffield Street
Mountainside, NJ 07092

Barium	159Tb
Beryllium	6Li
Cadmium	159Tb
Calcium	45Sc
Chromium	45Sc
Cobalt	45Sc
Copper	45Sc
Iron	45Sc
Lead	209Bi
Magnesium	45Sc
Manganese	45Sc
Nickel	45Sc
Potassium	45Sc
Selenium	89Y
Silver	159Tb
Sodium	45Sc
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

EPA SAMPLE NO.

MYCPM3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCPM3

Matrix: Water Lab Sample ID: P5187-01

% Solids: Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	12/20/2024	0035
7440-36-0	Antimony	2.0	U	12/20/2024	0035
7440-38-2	Arsenic	1.0	U	12/20/2024	0035
7440-39-3	Barium	0.71	J	12/20/2024	0035
7440-41-7	Beryllium	1.0	U	12/20/2024	0035
7440-43-9	Cadmium	1.0	U	12/20/2024	0035
7440-70-2	Calcium	17	J	12/20/2024	0035
7440-47-3	Chromium	2.0	U	12/20/2024	0035
7440-48-4	Cobalt	1.0	U	12/20/2024	0035
7440-50-8	Copper	2.0	U	12/20/2024	0035
7439-89-6	Iron	31	J	12/20/2024	0035
7439-92-1	Lead	1.0	U	12/20/2024	0035
7439-95-4	Magnesium	500	U	12/20/2024	0035
7439-96-5	Manganese	1.5		12/20/2024	0035
7440-02-0	Nickel	1.0	U	12/20/2024	0035
7440-09-7	Potassium	500	U	12/20/2024	0035
7782-49-2	Selenium	5.0	U	12/20/2024	0035
7440-22-4	Silver	1.0	U	12/20/2024	0035
7440-23-5	Sodium	500	U	12/20/2024	0035
7440-28-0	Thallium	1.0	U	12/20/2024	0035
7440-62-2	Vanadium	5.0	U	12/20/2024	0035
7440-66-6	Zinc	2.4	J	12/20/2024	0035

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

Comments:

EPA SAMPLE NO.

MYCPM7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCPM3

Matrix: Water Lab Sample ID: P5187-02

% Solids: Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	12/20/2024	0038
7440-36-0	Antimony	2.0	U	12/20/2024	0038
7440-38-2	Arsenic	1.0	U	12/20/2024	0038
7440-39-3	Barium	10	U	12/20/2024	0038
7440-41-7	Beryllium	1.0	U	12/20/2024	0038
7440-43-9	Cadmium	1.0	U	12/20/2024	0038
7440-70-2	Calcium	27	J	12/20/2024	0038
7440-47-3	Chromium	0.80	J	12/20/2024	0038
7440-48-4	Cobalt	1.0	U	12/20/2024	0038
7440-50-8	Copper	2.0	U	12/20/2024	0038
7439-89-6	Iron	200	U	12/20/2024	0038
7439-92-1	Lead	1.0	U	12/20/2024	0038
7439-95-4	Magnesium	500	U	12/20/2024	0038
7439-96-5	Manganese	0.50	J	12/20/2024	0038
7440-02-0	Nickel	0.75	J	12/20/2024	0038
7440-09-7	Potassium	500	U	12/20/2024	0038
7782-49-2	Selenium	5.0	U	12/20/2024	0038
7440-22-4	Silver	1.0	U	12/20/2024	0038
7440-23-5	Sodium	500	U	12/20/2024	0038
7440-28-0	Thallium	1.0	U	12/20/2024	0038
7440-62-2	Vanadium	5.0	U	12/20/2024	0038
7440-66-6	Zinc	5.0	U	12/20/2024	0038

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

Comments:

EPA SAMPLE NO.

MYCPN6

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCPM3

Matrix: Water Lab Sample ID: P5187-03

% Solids: Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	12/20/2024	0042
7440-36-0	Antimony	2.0	U	12/20/2024	0042
7440-38-2	Arsenic	1.0	U	12/20/2024	0042
7440-39-3	Barium	10	U	12/20/2024	0042
7440-41-7	Beryllium	1.0	U	12/20/2024	0042
7440-43-9	Cadmium	1.0	U	12/20/2024	0042
7440-70-2	Calcium	500	U	12/20/2024	0042
7440-47-3	Chromium	2.9		12/20/2024	0042
7440-48-4	Cobalt	1.0	U	12/20/2024	0042
7440-50-8	Copper	2.0	U	12/20/2024	0042
7439-89-6	Iron	200	U	12/20/2024	0042
7439-92-1	Lead	1.0	U	12/20/2024	0042
7439-95-4	Magnesium	500	U	12/20/2024	0042
7439-96-5	Manganese	0.49	J	12/20/2024	0042
7440-02-0	Nickel	0.66	J	12/20/2024	0042
7440-09-7	Potassium	500	U	12/20/2024	0042
7782-49-2	Selenium	5.0	U	12/20/2024	0042
7440-22-4	Silver	1.0	U	12/20/2024	0042
7440-23-5	Sodium	500	U	12/20/2024	0042
7440-28-0	Thallium	1.0	U	12/20/2024	0042
7440-62-2	Vanadium	5.0	U	12/20/2024	0042
7440-66-6	Zinc	5.0	U	12/20/2024	0042

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

Comments:

EPA SAMPLE NO.

MYD034

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCPM3

Matrix: Water Lab Sample ID: P5187-04

% Solids: Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	12/20/2024	0045
7440-36-0	Antimony	2.0	U	12/20/2024	0045
7440-38-2	Arsenic	1.0	U	12/20/2024	0045
7440-39-3	Barium	10	U	12/20/2024	0045
7440-41-7	Beryllium	1.0	U	12/20/2024	0045
7440-43-9	Cadmium	1.0	U	12/20/2024	0045
7440-70-2	Calcium	500	U	12/20/2024	0045
7440-47-3	Chromium	2.0	U	12/20/2024	0045
7440-48-4	Cobalt	1.0	U	12/20/2024	0045
7440-50-8	Copper	2.0	U	12/20/2024	0045
7439-89-6	Iron	200	U	12/20/2024	0045
7439-92-1	Lead	1.0	U	12/20/2024	0045
7439-95-4	Magnesium	500	U	12/20/2024	0045
7439-96-5	Manganese	1.0		12/20/2024	0045
7440-02-0	Nickel	1.0	U	12/20/2024	0045
7440-09-7	Potassium	500	U	12/20/2024	0045
7782-49-2	Selenium	5.0	U	12/20/2024	0045
7440-22-4	Silver	1.0	U	12/20/2024	0045
7440-23-5	Sodium	500	U	12/20/2024	0045
7440-28-0	Thallium	1.0	U	12/20/2024	0045
7440-62-2	Vanadium	5.0	U	12/20/2024	0045
7440-66-6	Zinc	5.0	U	12/20/2024	0045

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

Comments:

EPA SAMPLE NO.

MYD037

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCPM3

Matrix: Water Lab Sample ID: P5187-05

% Solids: Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	12/20/2024	0048
7440-36-0	Antimony	2.0	U	12/20/2024	0048
7440-38-2	Arsenic	1.0	U	12/20/2024	0048
7440-39-3	Barium	10	U	12/20/2024	0048
7440-41-7	Beryllium	1.0	U	12/20/2024	0048
7440-43-9	Cadmium	1.0	U	12/20/2024	0048
7440-70-2	Calcium	100	J	12/20/2024	0048
7440-47-3	Chromium	2.0	U	12/20/2024	0048
7440-48-4	Cobalt	1.0	U	12/20/2024	0048
7440-50-8	Copper	2.0	U	12/20/2024	0048
7439-89-6	Iron	200	U	12/20/2024	0048
7439-92-1	Lead	1.0	U	12/20/2024	0048
7439-95-4	Magnesium	500	U	12/20/2024	0048
7439-96-5	Manganese	0.96	J	12/20/2024	0048
7440-02-0	Nickel	1.0	U	12/20/2024	0048
7440-09-7	Potassium	500	U	12/20/2024	0048
7782-49-2	Selenium	5.0	U	12/20/2024	0048
7440-22-4	Silver	1.0	U	12/20/2024	0048
7440-23-5	Sodium	500	U	12/20/2024	0048
7440-28-0	Thallium	1.0	U	12/20/2024	0048
7440-62-2	Vanadium	5.0	U	12/20/2024	0048
7440-66-6	Zinc	5.0	U	12/20/2024	0048

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

Comments:

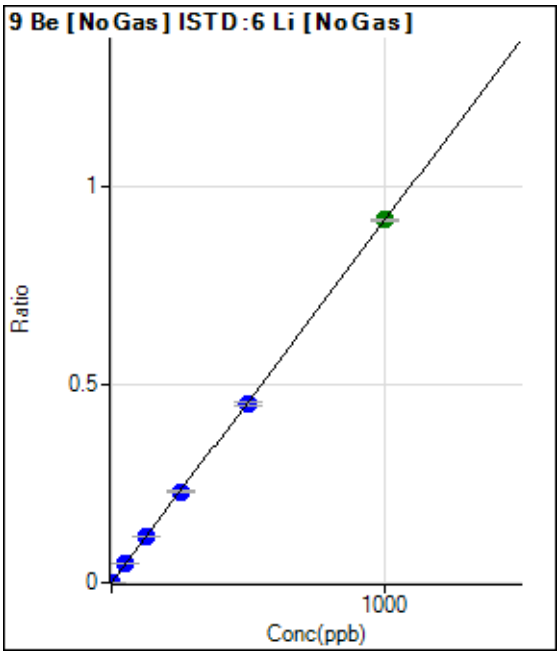
Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

Calibration for 175SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121924MS1.b\
Analysis File: P7121924MS1.batch.bin
DA Date-Time: 2024-12-20 01:01:46
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-19 15:04:22
2	006CALS.d	S02	2024-12-19 15:10:54
3	007CALS.d	S03	2024-12-19 15:14:09
4	008CALS.d	S04	2024-12-19 15:17:09
5	009CALS.d	S05	2024-12-19 15:19:58
6	010CALS.d	S06	2024-12-19 15:22:45
7	011CALS.d	S07	2024-12-19 15:25:28
8	012CALS.d	S08	2024-12-19 15:28:14

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.44	0.0001	P	18.4
2	☐	1.000	1.033	1687.88	0.0010	P	1.8
3	☐	50.000	51.125	77992.15	0.0468	P	2.0
4	☐	125.000	125.513	186612.53	0.1147	P	1.1
5	☐	250.000	252.175	364906.19	0.2303	P	2.6
6	☐	500.000	494.666	703394.53	0.4517	P	2.2
7	☐	1000.000	1002.003	1392732.51	0.9150	A	0.8
8	☐			503.35	0.0003	P	9.9

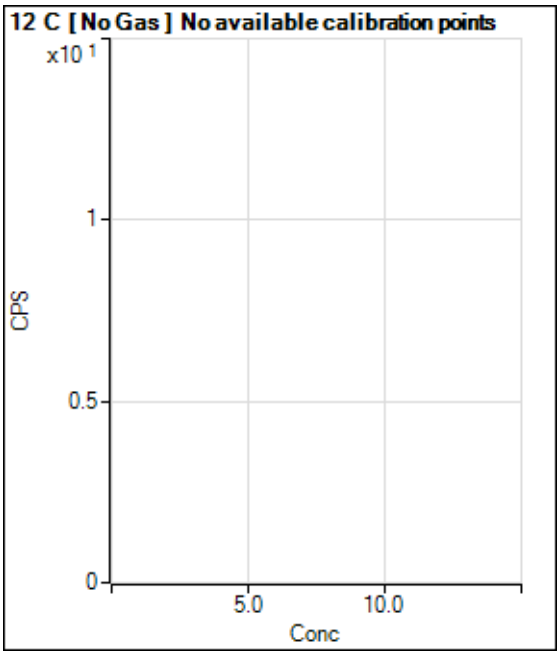
y = 9.1306E-004 * x + 8.3803E-005

R = 1.0000

DL = 0.05058

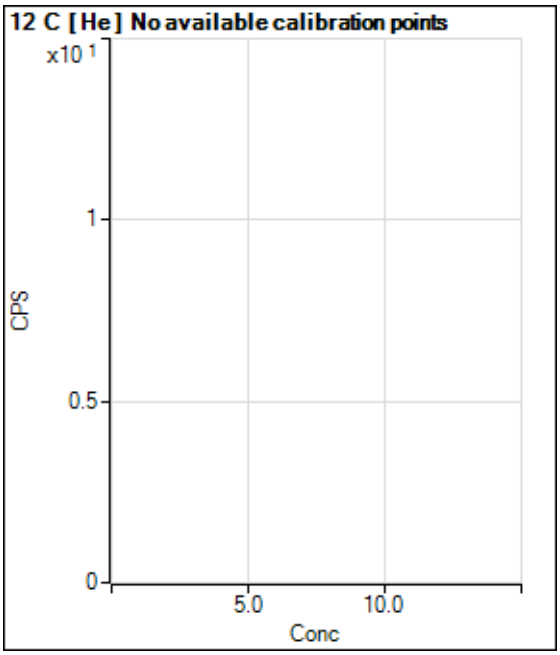
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Min Conc: 0

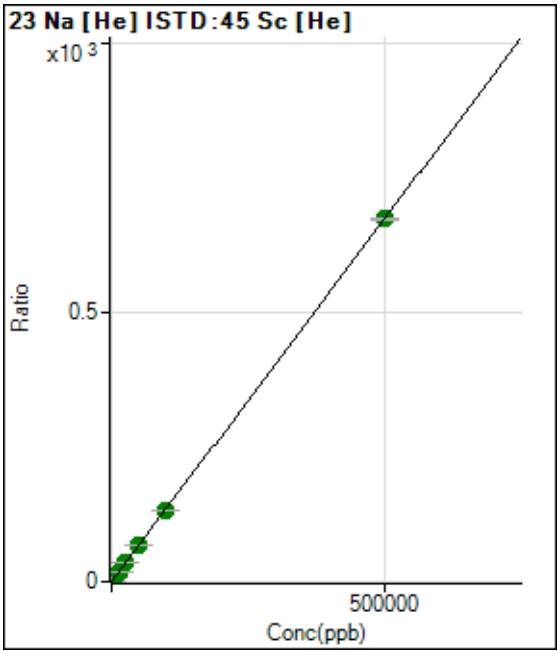


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
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Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

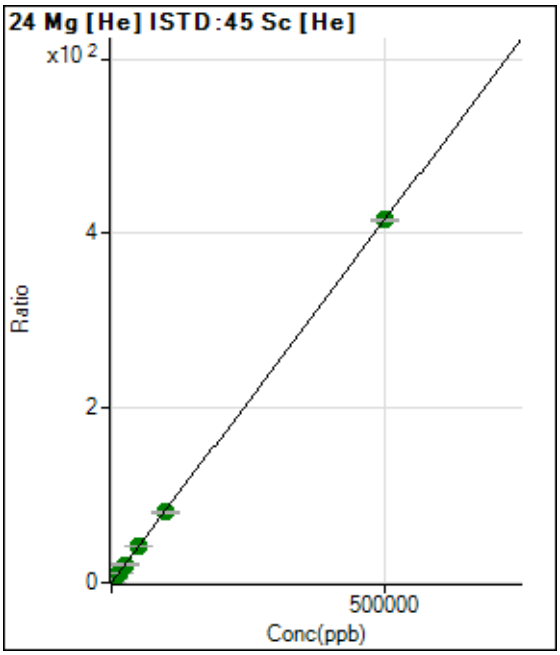


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30798.55	0.0484	P	0.9
2	☐	500.000	493.989	465331.49	0.7129	P	0.8
3	☐	5000.000	5046.769	4288005.42	6.8372	A	0.6
4	☐	12500.000	12670.938	9754841.52	17.0932	A	0.7
5	☐	25000.000	25555.836	17749876.26	34.4258	A	0.5
6	☐	50000.000	50809.079	34635132.82	68.3962	A	0.8
7	☐	100000.00	98693.904	68690802.87	132.8103	A	0.9
8	☐	500000.00	500147.78	372742678.89	672.8416	A	0.2

y = 0.0013 * x + 0.0484
R = 1.0000
DL = 0.9428

Weight: <None>
Min Conc: 0

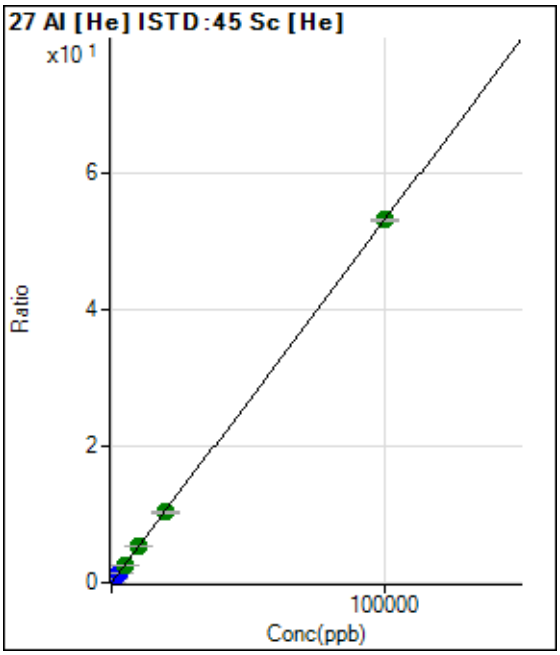
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On:12/20/2024
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Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6475.85	0.0102	P	2.7
2	☐	500.000	527.003	292202.67	0.4477	P	0.5
3	☐	5000.000	5034.791	2627485.20	4.1897	A	1.2
4	☐	12500.000	12527.357	5940729.36	10.4094	A	0.7
5	☐	25000.000	25158.505	10773423.31	20.8949	A	0.7
6	☐	50000.000	50224.778	21117795.80	41.7030	A	0.9
7	☐	100000.00	97341.658	41798309.65	80.8158	A	1.4
8	☐	500000.00	500500.20	230174138.79	415.4874	A	0.4

y = 8.3012E-004 * x + 0.0102
R = 1.0000
DL = 0.9969

Weight: <None>
Min Conc: 0

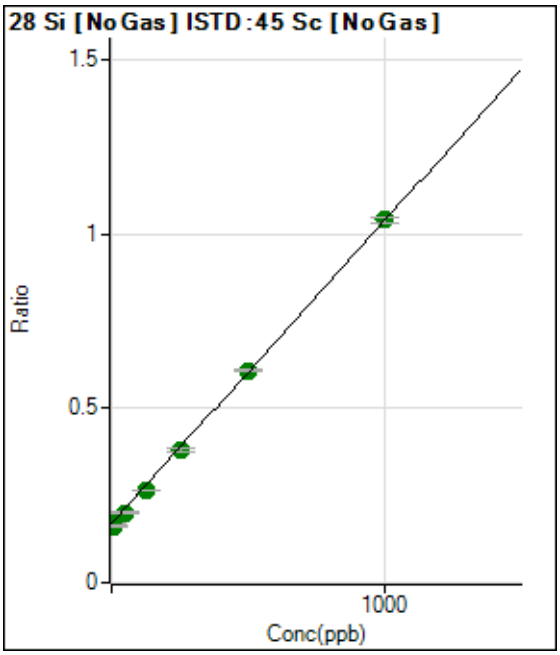


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	916.70	0.0014	P	7.8
2	☐	20.000	17.862	7142.82	0.0109	P	1.4
3	☐	1000.000	976.578	326719.69	0.5210	P	0.4
4	☐	2500.000	2449.377	744435.21	1.3044	P	0.3
5	☐	5000.000	5018.108	1377121.35	2.6709	A	0.4
6	☐	10000.000	9973.396	2687317.05	5.3070	A	1.6
7	☐	20000.000	19377.228	5332372.87	10.3096	A	0.5
8	☐	100000.00	100127.81	29508413.73	53.2665	A	0.6

y = 5.3197E-004 * x + 0.0014
R = 1.0000
DL = 0.6333

Weight: <None>
Min Conc: 0

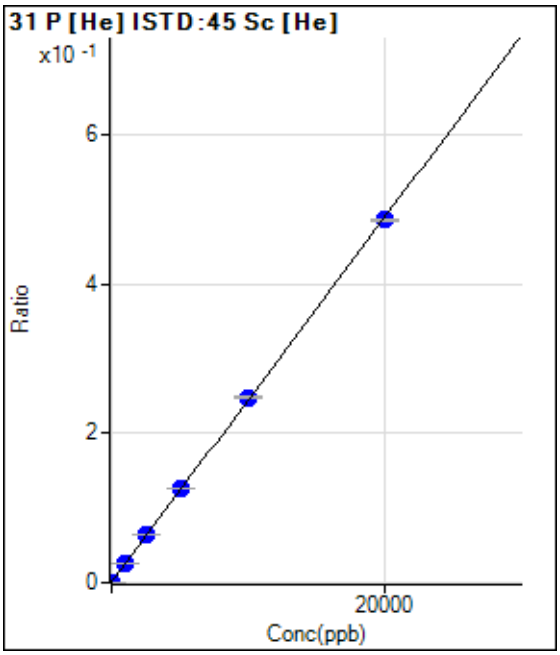
Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1218649.96	0.1702	A	1.0
2	☐	10.000	-9.236	1192810.00	0.1622	A	1.7
3	☐	50.000	34.675	1459656.82	0.2003	A	1.2
4	☐	125.000	108.592	1814431.85	0.2644	A	0.6
5	☐	250.000	241.928	2368389.77	0.3802	A	2.7
6	☐	500.000	505.625	3574455.81	0.6090	A	1.6
7	☐	1000.000	1002.215	6087537.69	1.0401	A	1.4
8	☐			746886.94	0.1244	P	0.4

y = 8.6799E-004 * x + 0.1702
R = 0.9998
DL = 6.049

Weight: <None>
Min Conc: 0

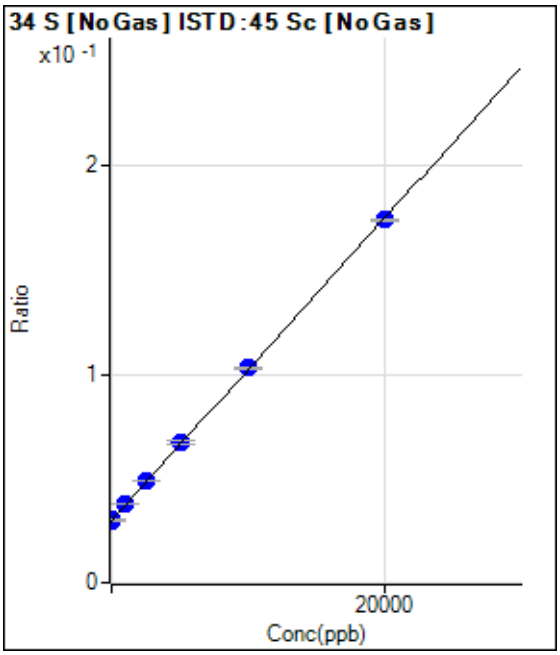


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.706	174.45	0.0003	P	5.7
2	☐	0.000	17.706	742.25	0.0011	P	10.1
3	☐	1000.000	1041.120	16364.40	0.0261	P	2.3
4	☐	2500.000	2586.722	36397.64	0.0638	P	1.4
5	☐	5000.000	5128.259	64834.32	0.1257	P	1.4
6	☐	10000.000	10149.154	125669.24	0.2482	P	0.5
7	☐	20000.000	19880.462	251075.83	0.4854	P	0.6
8	☐			328.90	0.0006	P	9.7

y = 2.4382E-005 * x + 7.0573E-004
R = 0.9999
DL = 8.01

Weight: <None>
Min Conc: 0

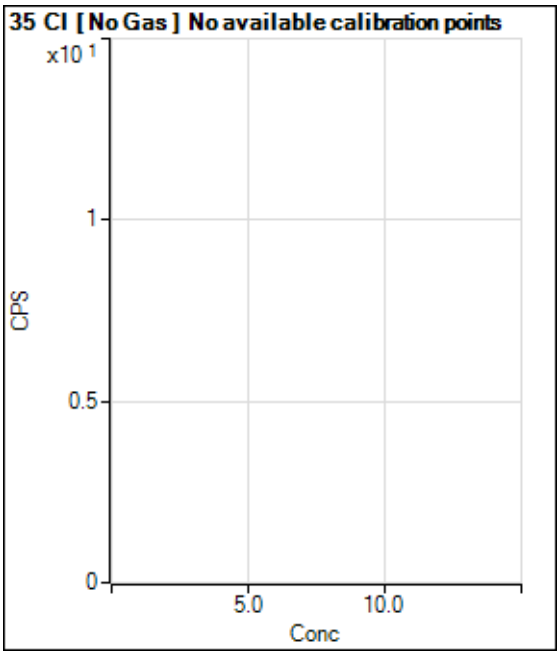
Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-52.424	210661.18	0.0294	P	0.5
2	☐	0.000	52.424	221989.64	0.0302	P	1.2
3	☐	1000.000	1142.619	277656.23	0.0381	P	1.1
4	☐	2500.000	2644.127	336236.29	0.0490	P	0.2
5	☐	5000.000	5204.372	421156.83	0.0676	P	2.5
6	☐	10000.000	10090.477	604941.04	0.1031	P	0.7
7	☐	20000.000	19878.522	1019282.15	0.1742	P	0.3
8	☐			169181.23	0.0282	P	4.1

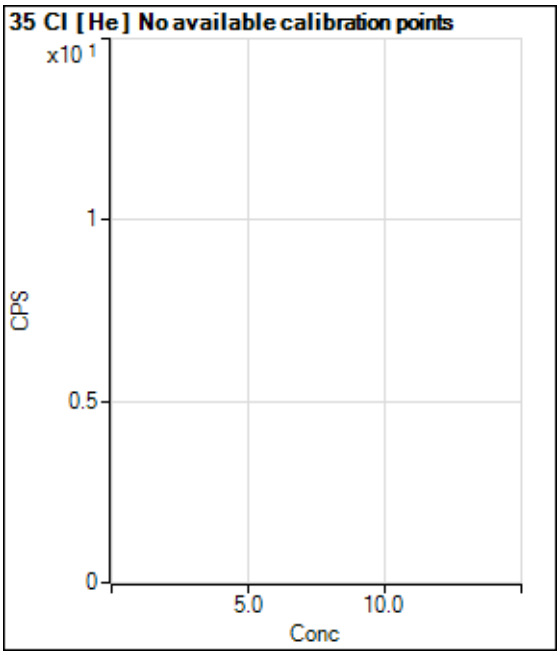
y = 7.2623E-006 * x + 0.0298
R = 0.9999
DL = 108.2

Weight: <None>
Min Conc: 0

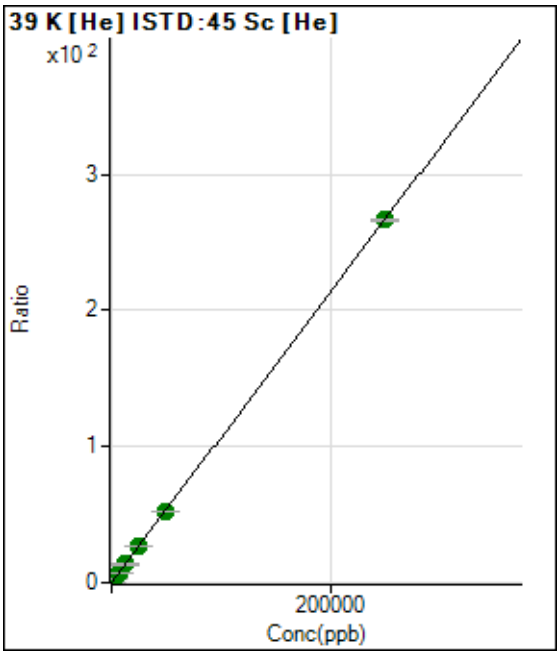


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

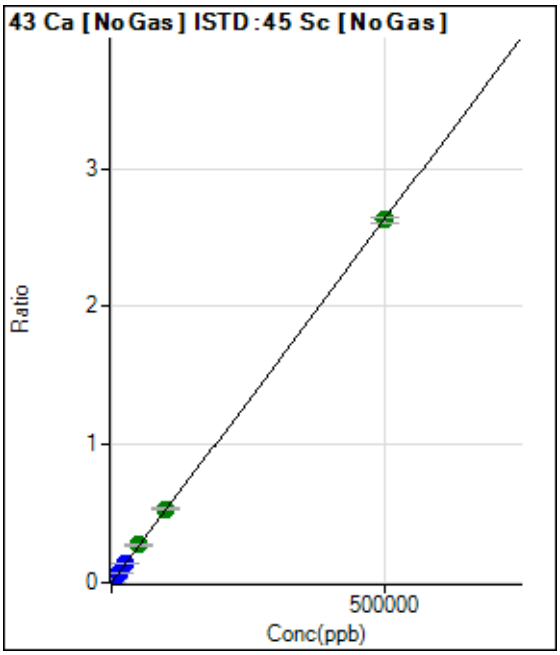


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64709.02	0.1017	P	1.5
2	☐	500.000	542.659	443537.34	0.6795	P	0.8
3	☐	2500.000	2572.382	1781594.99	2.8408	A	1.0
4	☐	6250.000	6339.452	3910517.20	6.8521	A	0.7
5	☐	12500.000	12540.993	6937448.93	13.4556	A	0.8
6	☐	25000.000	25111.921	13592545.21	26.8415	A	0.6
7	☐	50000.000	48986.780	27031540.43	52.2640	A	0.8
8	☐	250000.00	250186.35	147638706.69	266.5064	A	0.4

y = 0.0011 * x + 0.1017
R = 1.0000
DL = 4.276

Weight: <None>
Min Conc: 0

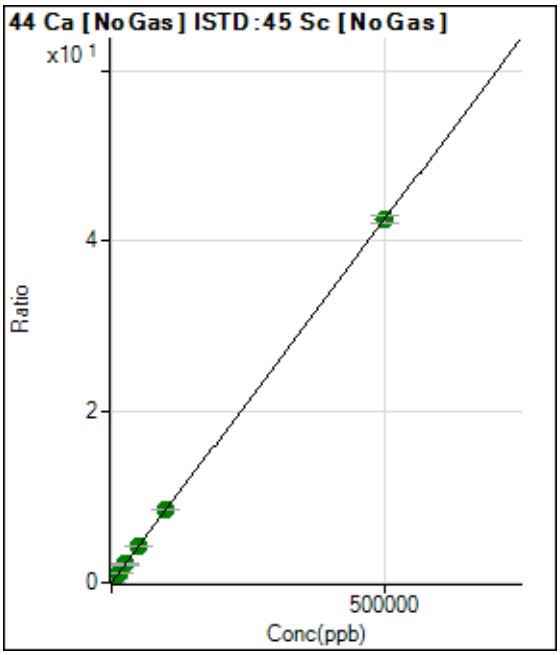
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On:12/20/2024
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	703.36	0.0001	P	16.6
2	☐	500.000	557.593	22303.12	0.0030	P	0.6
3	☐	5000.000	5397.780	207696.70	0.0285	P	1.0
4	☐	12500.000	13323.843	481668.67	0.0702	P	0.4
5	☐	25000.000	26465.131	868097.16	0.1393	P	2.6
6	☐	50000.000	51714.672	1597290.81	0.2722	A	0.9
7	☐	100000.00	101714.71	3132473.60	0.5352	A	1.4
8	☐	500000.00	499387.70	15771454.21	2.6274	A	1.3

y = 5.2610E-006 * x + 9.8250E-005
R = 1.0000
DL = 9.307

Weight: <None>
Min Conc: 0

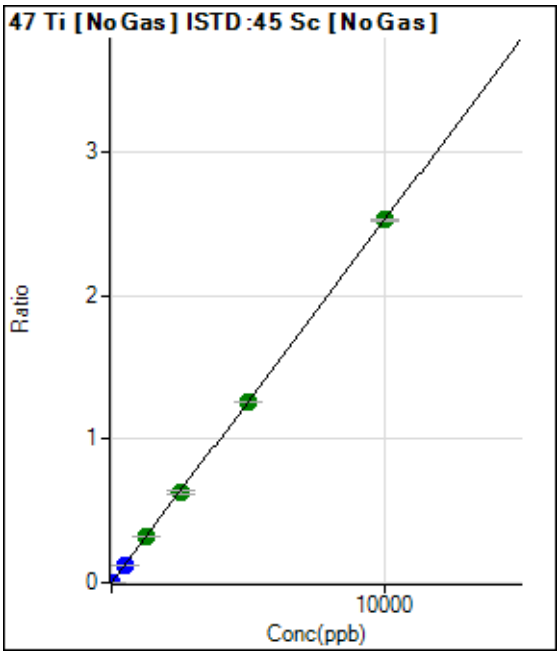


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18350.19	0.0026	P	7.8
2	☐	500.000	554.361	365651.54	0.0497	P	0.4
3	☐	5000.000	5165.865	3220779.92	0.4419	A	0.6
4	☐	12500.000	12729.382	7444979.26	1.0850	A	1.1
5	☐	25000.000	25415.212	13482451.47	2.1638	A	2.4
6	☐	50000.000	51184.338	25559499.34	4.3551	A	0.4
7	☐	100000.00	101518.67	50540000.91	8.6354	A	0.2
8	☐	500000.00	499549.62	255006729.53	42.4829	A	2.1

y = 8.5037E-005 * x + 0.0026
R = 1.0000
DL = 7.071

Weight: <None>
Min Conc: 0

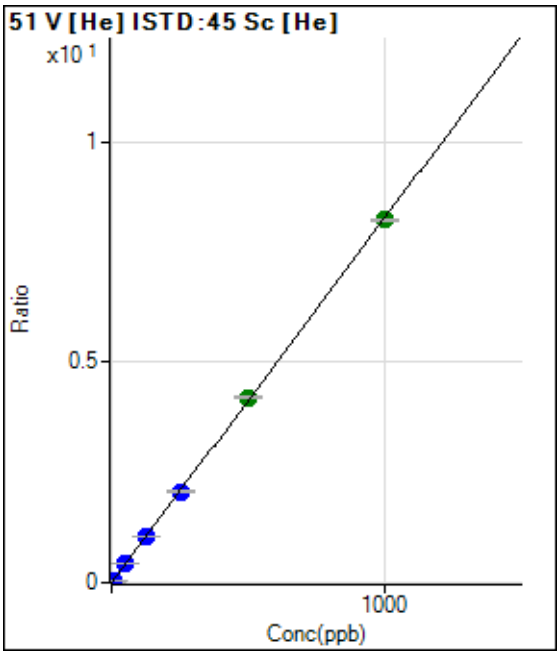
Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	483.35	0.0001	P	8.9
2	☐	5.000	4.966	9718.75	0.0013	P	1.9
3	☐	500.000	499.904	920321.38	0.1263	P	0.9
4	☐	1250.000	1259.422	2182202.54	0.3180	A	0.6
5	☐	2500.000	2480.685	3901087.96	0.6263	A	3.5
6	☐	5000.000	4996.250	7402713.78	1.2614	A	0.4
7	☐	10000.000	10005.531	14783165.06	2.5260	A	0.4
8	☐			3209.28	0.0005	P	19.2

y = 2.5245E-004 * x + 6.7486E-005
R = 1.0000
DL = 0.07102

Weight: <None>
Min Conc: 0

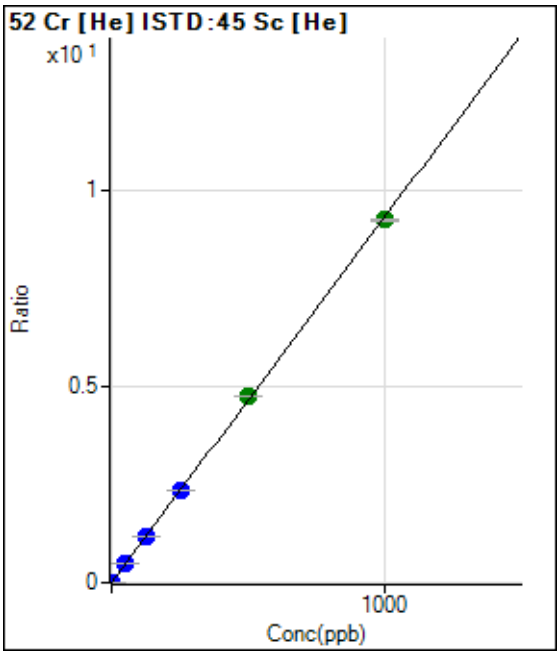


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	132.22	0.0002	P	21.6
2	☐	5.000	5.244	28405.60	0.0435	P	0.7
3	☐	50.000	50.362	260976.59	0.4161	P	0.5
4	☐	125.000	125.536	591774.50	1.0369	P	0.2
5	☐	250.000	250.373	1066192.35	2.0679	P	0.5
6	☐	500.000	508.661	2127421.53	4.2010	A	0.5
7	☐	1000.000	995.490	4252278.93	8.2215	A	0.8
8	☐			1018.94	0.0018	P	10.0

y = 0.0083 * x + 2.0790E-004
R = 0.9999
DL = 0.0163

Weight: <None>
Min Conc: 0

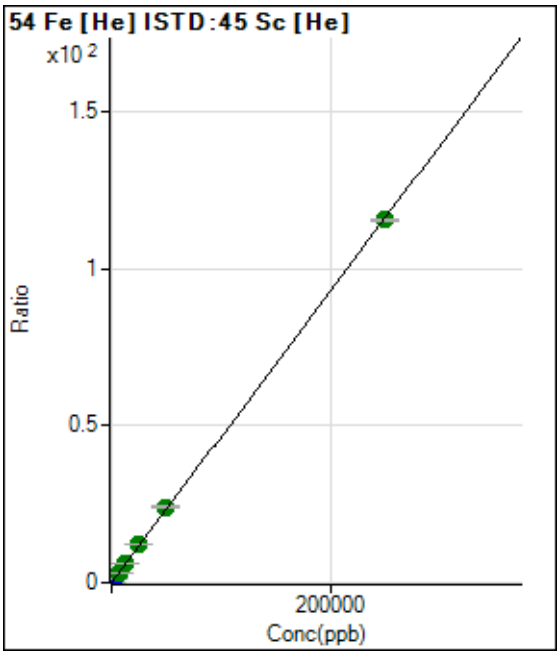
Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1287.85	0.0020	P	3.7
2	☐	2.000	2.134	14313.55	0.0219	P	0.4
3	☐	50.000	51.135	300447.01	0.4791	P	0.5
4	☐	125.000	127.379	679339.76	1.1904	P	0.4
5	☐	250.000	253.847	1222045.41	2.3702	P	0.2
6	☐	500.000	511.201	2416078.94	4.7711	A	0.4
7	☐	1000.000	993.083	4792869.82	9.2666	A	0.8
8	☐			8346.56	0.0151	P	10.7

y = 0.0093 * x + 0.0020
R = 0.9999
DL = 0.02408

Weight: <None>
Min Conc: 0

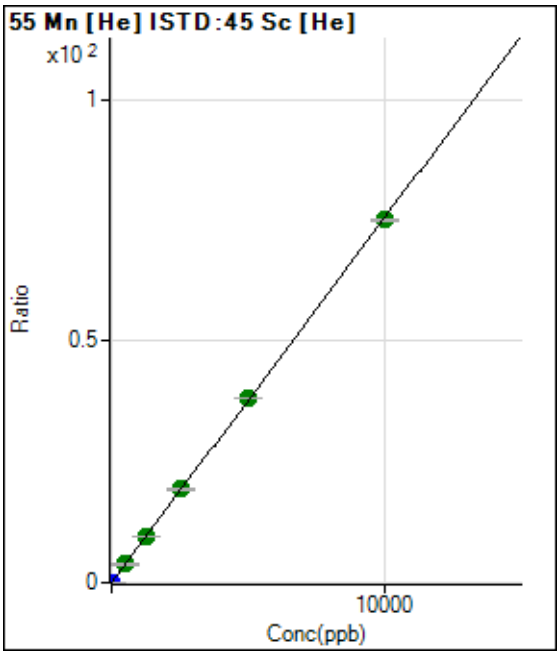


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4255.09	0.0067	P	2.5
2	☐	50.000	54.152	20754.38	0.0318	P	2.2
3	☐	2500.000	2743.901	802230.04	1.2791	P	0.0
4	☐	6250.000	6795.225	1802185.27	3.1579	A	0.4
5	☐	12500.000	13549.532	3243036.34	6.2900	A	0.9
6	☐	25000.000	26694.303	6272061.22	12.3857	A	0.6
7	☐	50000.000	52142.515	12509893.15	24.1869	A	0.2
8	☐	250000.00	249333.52	64058204.60	115.6308	A	0.4

y = 4.6373E-004 * x + 0.0067
R = 0.9999
DL = 1.064

Weight: <None>
Min Conc: 0

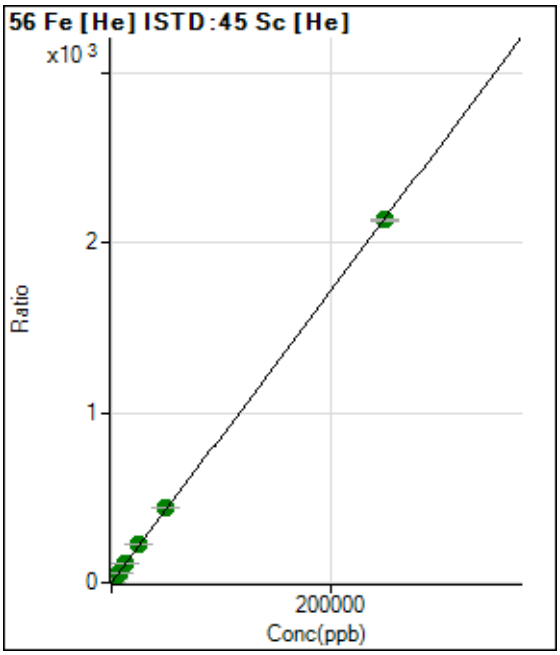
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1378.96	0.0022	P	2.9
2	☐	1.000	0.876	5735.59	0.0088	P	1.6
3	☐	500.000	502.567	2382617.03	3.7990	A	1.3
4	☐	1250.000	1278.332	5512546.10	9.6597	A	0.7
5	☐	2500.000	2563.423	9986007.84	19.3683	A	0.7
6	☐	5000.000	5066.947	19385808.88	38.2819	A	0.5
7	☐	10000.000	9947.001	38868374.42	75.1497	A	0.7
8	☐			19433.72	0.0351	P	2.7

y = 0.0076 * x + 0.0022
R = 0.9999
DL = 0.02493

Weight: <None>
Min Conc: 0

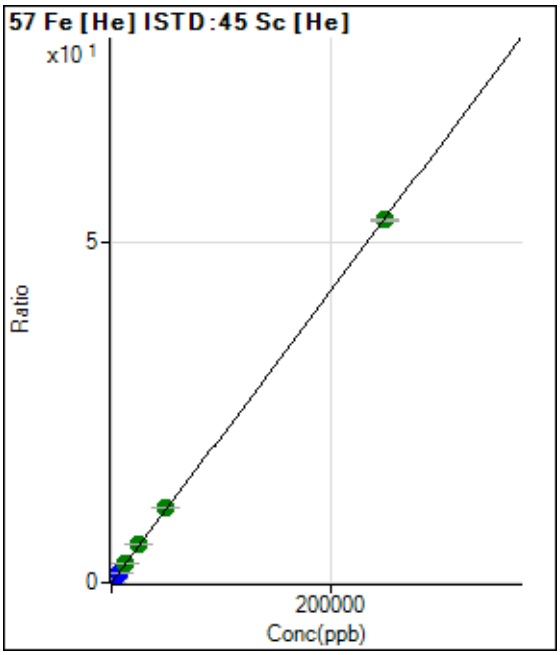


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48096.61	0.0756	P	1.2
2	☐	50.000	51.256	335715.01	0.5143	P	0.6
3	☐	2500.000	2608.458	14050891.32	22.4037	A	0.3
4	☐	6250.000	6625.106	32407257.85	56.7858	A	0.4
5	☐	12500.000	13297.635	58726269.12	113.9020	A	0.3
6	☐	25000.000	26336.852	114201832.74	225.5164	A	0.4
7	☐	50000.000	51567.792	228344569.93	441.4907	A	0.7
8	☐	250000.00	249502.41	1183201760.1	2,135.791	A	0.6

y = 0.0086 * x + 0.0756
R = 1.0000
DL = 0.307

Weight: <None>
Min Conc: 0

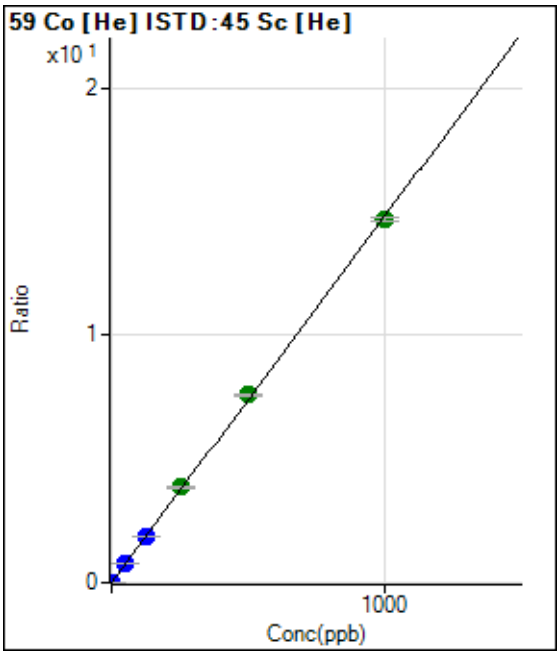
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1956.82	0.0031	P	8.7
2	☐	50.000	54.432	9599.80	0.0147	P	3.7
3	☐	2500.000	2680.339	361226.61	0.5760	P	0.4
4	☐	6250.000	6757.056	825969.88	1.4473	P	0.6
5	☐	12500.000	13392.294	1477405.15	2.8655	A	0.8
6	☐	25000.000	26434.490	2862745.34	5.6532	A	0.5
7	☐	50000.000	51378.345	5681466.72	10.9846	A	0.3
8	☐	250000.00	249521.78	29547610.67	53.3356	A	0.6

y = 2.1374E-004 * x + 0.0031
R = 1.0000
DL = 3.754

Weight: <None>
Min Conc: 0

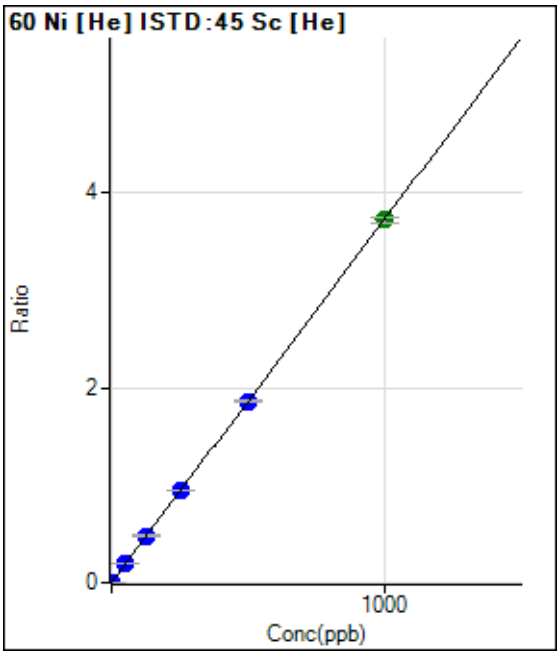


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	358.90	0.0006	P	6.8
2	☐	1.000	1.105	11053.04	0.0169	P	2.2
3	☐	50.000	51.394	477771.87	0.7618	P	0.5
4	☐	125.000	127.131	1074982.02	1.8836	P	0.2
5	☐	250.000	260.351	1988584.26	3.8569	A	0.8
6	☐	500.000	512.395	3843611.40	7.5901	A	0.5
7	☐	1000.000	990.878	7591306.28	14.6774	A	1.0
8	☐			21357.51	0.0386	P	1.9

y = 0.0148 * x + 5.6400E-004
R = 0.9998
DL = 0.007726

Weight: <None>
Min Conc: 0

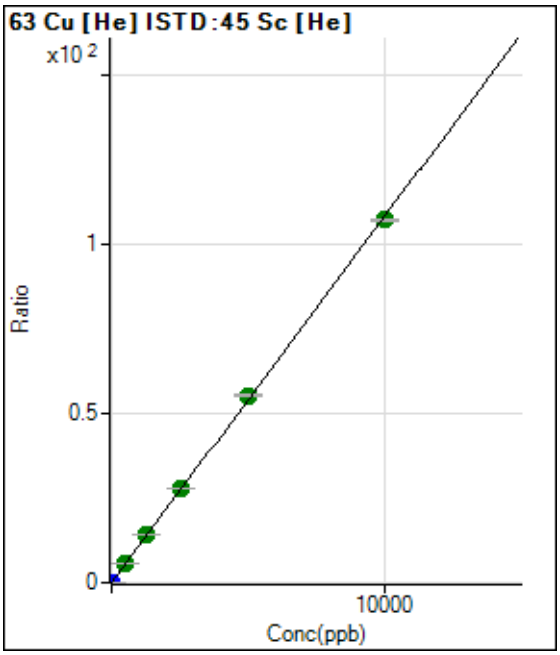
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	561.13	0.0009	P	6.9
2	☐	1.000	1.119	3298.17	0.0051	P	1.9
3	☐	50.000	52.187	122624.90	0.1955	P	0.3
4	☐	125.000	129.124	275332.64	0.4825	P	0.9
5	☐	250.000	253.864	488617.41	0.9477	P	0.5
6	☐	500.000	499.692	944222.90	1.8645	P	0.4
7	☐	1000.000	998.563	1926663.79	3.7251	A	1.6
8	☐			8185.64	0.0148	P	0.3

y = 0.0037 * x + 8.8135E-004
R = 1.0000
DL = 0.04859

Weight: <None>
Min Conc: 0

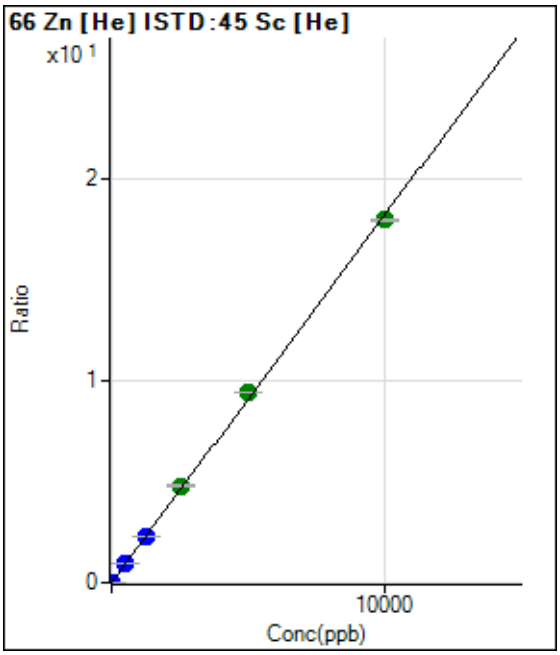


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2332.42	0.0037	P	5.6
2	☐	2.000	1.883	15679.41	0.0240	P	1.4
3	☐	500.000	524.995	3560954.39	5.6779	A	1.1
4	☐	1250.000	1305.838	8056834.32	14.1173	A	0.4
5	☐	2500.000	2588.777	14427960.48	27.9835	A	0.3
6	☐	5000.000	5118.577	28016617.92	55.3259	A	0.6
7	☐	10000.000	9910.288	55401842.51	107.1152	A	0.3
8	☐			11064.18	0.0200	P	2.9

y = 0.0108 * x + 0.0037
R = 0.9998
DL = 0.05714

Weight: <None>
Min Conc: 0

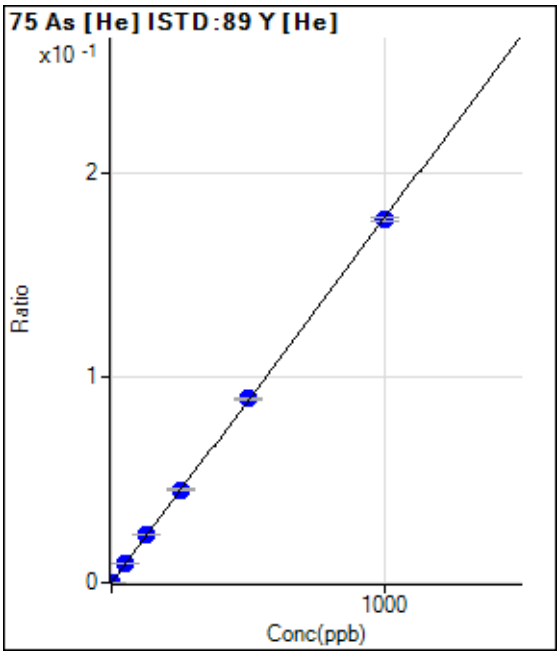
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	647.80	0.0010	P	3.0
2	☐	2.000	5.771	7525.29	0.0115	P	2.6
3	☐	500.000	510.454	583757.17	0.9308	P	0.6
4	☐	1250.000	1277.200	1328232.46	2.3274	P	0.5
5	☐	2500.000	2628.597	2469169.65	4.7889	A	1.3
6	☐	5000.000	5171.737	4770852.71	9.4212	A	0.5
7	☐	10000.000	9878.059	9306692.98	17.9936	A	0.7
8	☐			10560.47	0.0191	P	1.8

y = 0.0018 * x + 0.0010
R = 0.9997
DL = 0.05071

Weight: <None>
Min Conc: 0

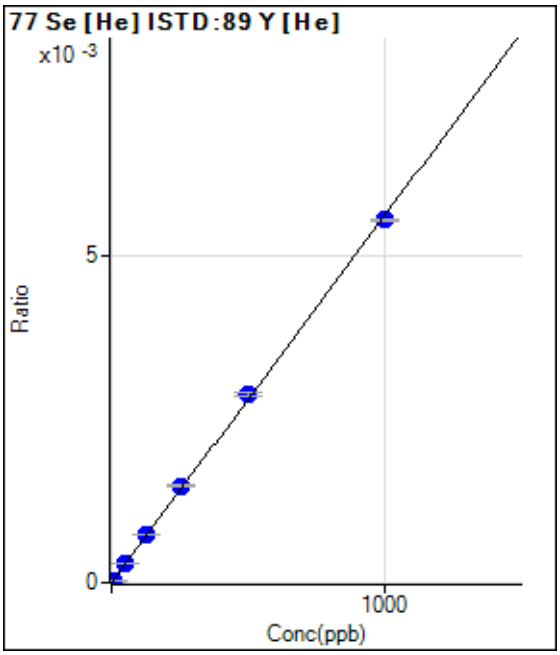


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	58.6
2	☐	1.000	1.188	936.71	0.0002	P	5.3
3	☐	50.000	53.997	39932.43	0.0096	P	0.6
4	☐	125.000	131.113	89552.37	0.0233	P	2.1
5	☐	250.000	255.479	163326.50	0.0455	P	0.5
6	☐	500.000	505.291	319707.74	0.0899	P	0.7
7	☐	1000.000	995.021	636969.31	0.1770	P	0.9
8	☐			367.79	0.0001	P	2.5

y = 1.7788E-004 * x + 7.1987E-006
R = 1.0000
DL = 0.07109

Weight: <None>
Min Conc: 0

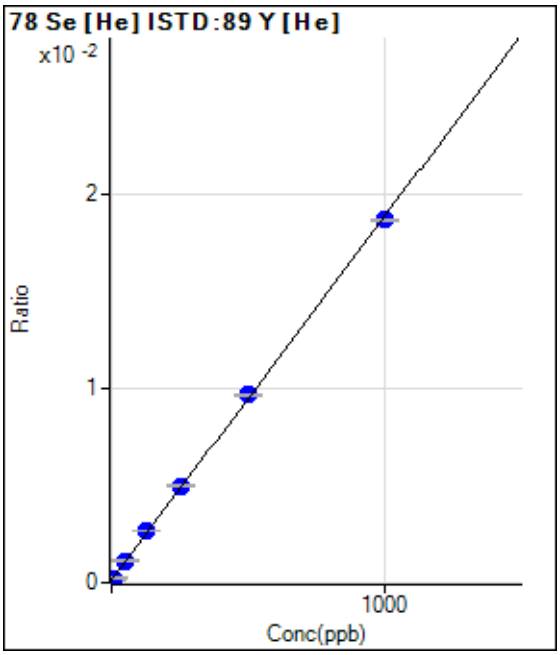
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	5.312	130.00	0.0000	P	6.7
3	☐	50.000	52.425	1223.40	0.0003	P	2.0
4	☐	125.000	132.259	2849.19	0.0007	P	1.1
5	☐	250.000	263.733	5316.56	0.0015	P	1.0
6	☐	500.000	512.991	10232.51	0.0029	P	2.4
7	☐	1000.000	989.041	19961.30	0.0055	P	0.5
8	☐			6.67	0.0000	P	50.7

y = 5.6073E-006 * x + 5.3905E-007
R = 0.9998
DL = 0.4995

Weight: <None>
Min Conc: 0

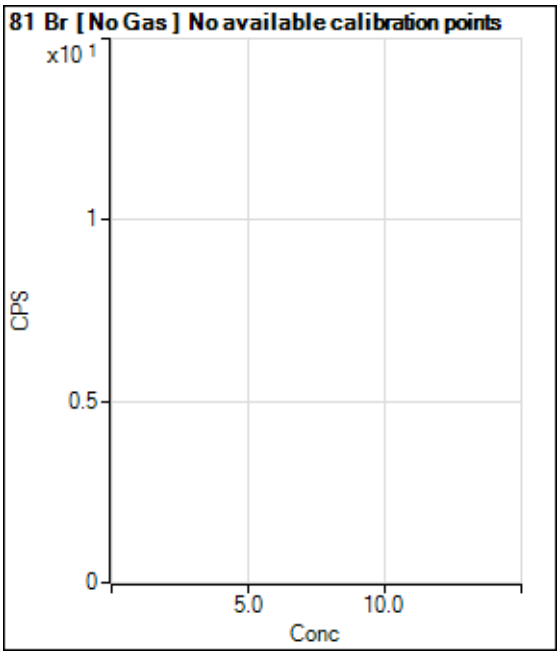


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	535.57	0.0001	P	4.2
2	☐	5.000	6.142	1043.38	0.0002	P	4.5
3	☐	50.000	52.767	4632.99	0.0011	P	4.8
4	☐	125.000	136.594	10302.56	0.0027	P	0.7
5	☐	250.000	259.732	17917.59	0.0050	P	1.8
6	☐	500.000	510.147	34394.40	0.0097	P	0.8
7	☐	1000.000	990.900	67163.63	0.0187	P	0.6
8	☐			413.34	0.0001	P	5.8

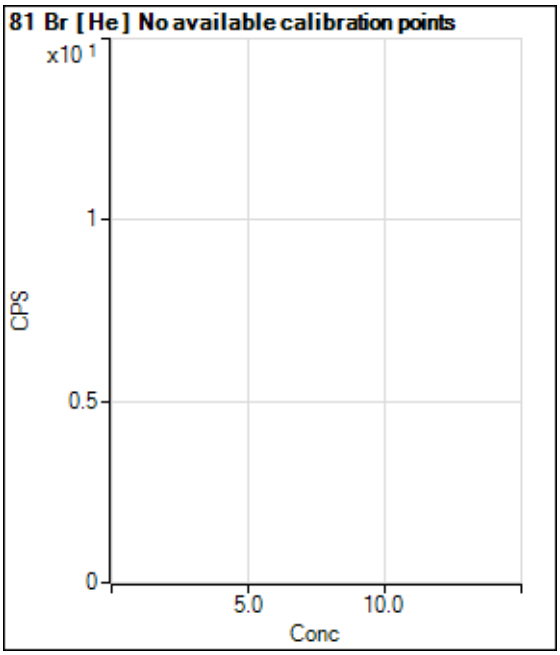
y = 1.8704E-005 * x + 1.2851E-004
R = 0.9998
DL = 0.856

Weight: <None>
Min Conc: 0

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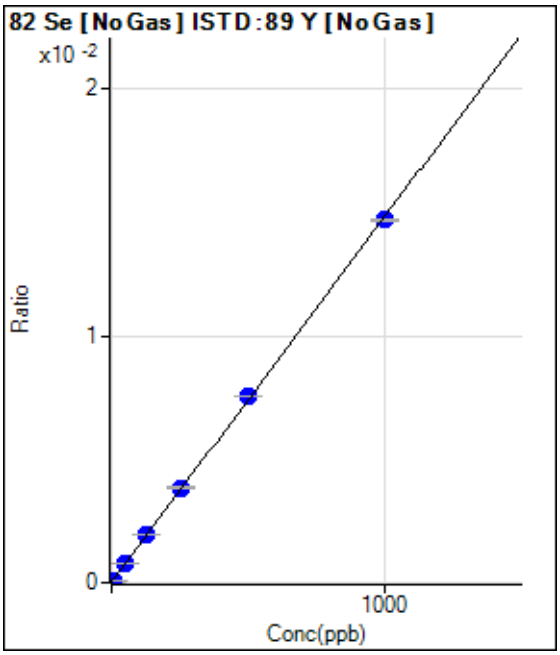


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16186.78		P	2.3
2	☐			16982.10		P	0.8
3	☐			16618.33		P	1.6
4	☐			14627.34		P	3.5
5	☐			11857.07		P	1.9
6	☐			11297.74		P	1.4
7	☐			11400.03		P	1.3
8	☐			13244.91		P	2.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			187.78		P	2.7
2	☐			166.67		P	23.1
3	☐			264.45		P	1.9
4	☐			125.56		P	12.6
5	☐			124.45		P	20.3
6	☐			106.67		P	8.3
7	☐			121.11		P	8.4
8	☐			163.34		P	22.1

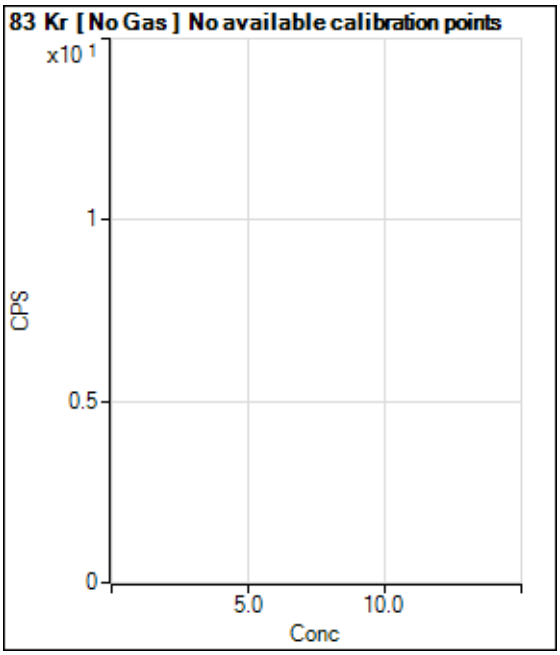
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.94	0.0000	P	13.0
2	☐	5.000	5.009	1398.93	0.0001	P	3.8
3	☐	50.000	52.983	12438.59	0.0008	P	1.5
4	☐	125.000	129.447	28428.61	0.0019	P	1.1
5	☐	250.000	258.629	52478.68	0.0038	P	2.6
6	☐	500.000	510.245	98505.26	0.0076	P	0.4
7	☐	1000.000	992.015	192471.78	0.0147	P	0.7
8	☐			349.33	0.0000	P	5.1

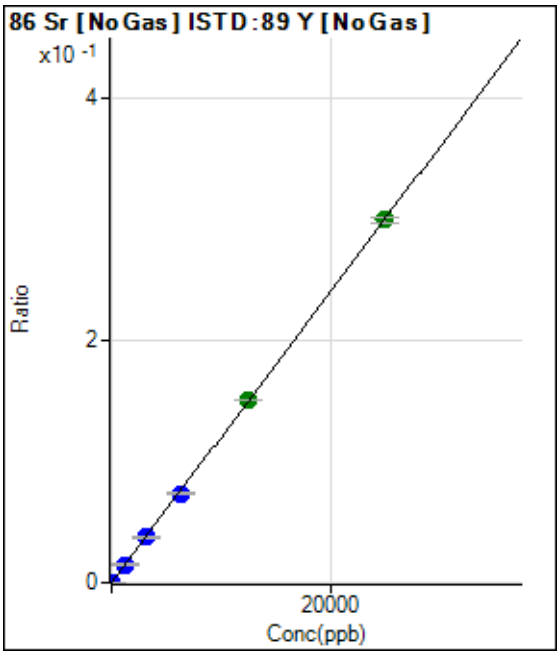
y = 1.4804E-005 * x + 1.4576E-005
R = 0.9999
DL = 0.384

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			253.34		P	7.9
2	☐			290.01		P	12.1
3	☐			241.11		P	14.8
4	☐			232.23		P	3.6
5	☐			175.56		P	9.7
6	☐			224.45		P	12.6
7	☐			222.23		P	7.7
8	☐			292.23		P	4.0

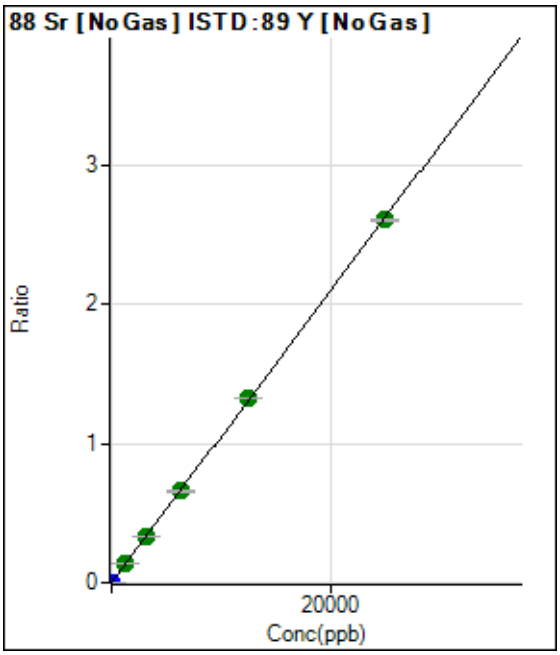
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Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	460.01	0.0000	P	5.1
2	☐	1.000	26.089	5406.60	0.0003	P	3.3
3	☐	1250.000	1253.925	234552.77	0.0151	P	0.9
4	☐	3125.000	3113.625	550060.55	0.0374	P	1.9
5	☐	6250.000	6141.369	1005962.91	0.0737	P	2.1
6	☐	12500.000	12570.681	1962213.54	0.1508	A	0.3
7	☐	25000.000	24993.042	3923940.84	0.2997	A	1.5
8	☐			12396.43	0.0009	P	2.1

y = 1.1990E-005 * x + 3.0083E-005
R = 1.0000
DL = 0.3836

Weight: <None>
Min Conc: 0

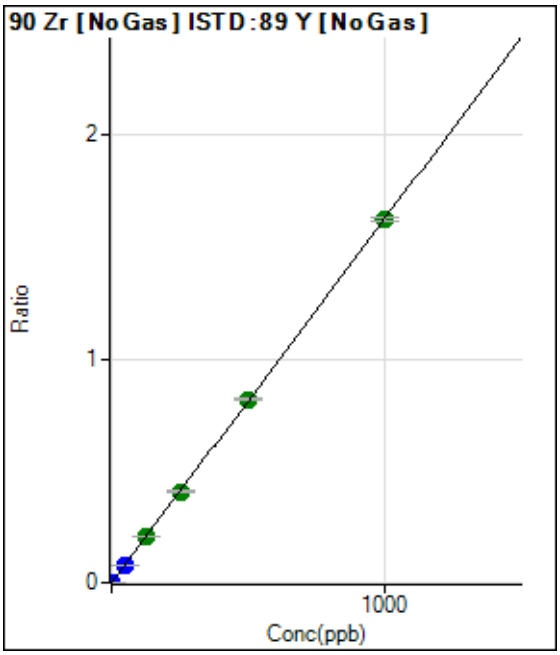


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1021.16	0.0001	P	5.8
2	☐	1.000	25.684	43510.76	0.0028	P	1.6
3	☐	1250.000	1277.826	2086809.64	0.1340	A	0.1
4	☐	3125.000	3175.951	4902734.16	0.3330	A	1.5
5	☐	6250.000	6297.331	9016171.05	0.6602	A	2.1
6	☐	12500.000	12650.297	17262212.80	1.3263	A	0.5
7	☐	25000.000	24905.258	34185927.82	2.6110	A	0.8
8	☐			103650.31	0.0079	P	0.8

y = 1.0484E-004 * x + 6.6775E-005
R = 1.0000
DL = 0.1103

Weight: <None>
Min Conc: 0

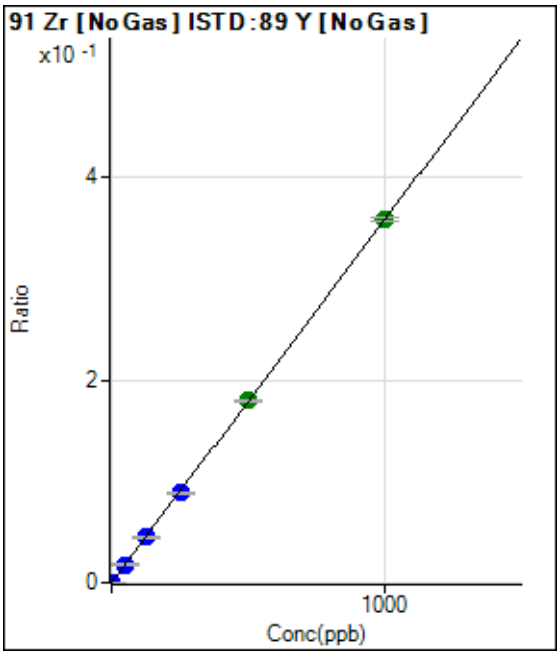
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1174.50	0.0001	P	7.5
2	☐	1.000	1.010	27079.49	0.0017	P	2.0
3	☐	50.000	49.466	1252694.19	0.0805	P	0.6
4	☐	125.000	125.904	3013274.95	0.2047	A	1.3
5	☐	250.000	250.049	5549010.82	0.4064	A	2.5
6	☐	500.000	503.888	10658297.83	0.8189	A	0.6
7	☐	1000.000	997.957	21233079.68	1.6217	A	1.0
8	☐			14670.77	0.0011	P	6.0

y = 0.0016 * x + 7.6798E-005
R = 1.0000
DL = 0.01061

Weight: <None>
Min Conc: 0

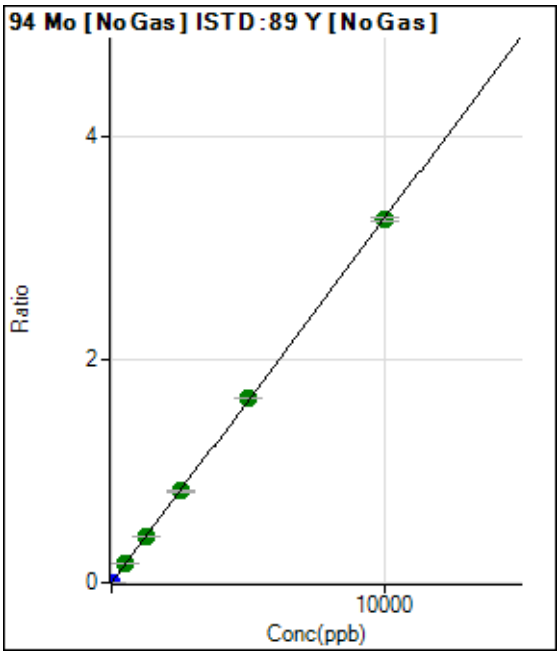


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0000	P	13.1
2	☐	1.000	1.015	5972.38	0.0004	P	2.4
3	☐	50.000	50.153	279461.49	0.0179	P	0.8
4	☐	125.000	124.720	656795.08	0.0446	P	1.6
5	☐	250.000	246.868	1205614.05	0.0883	P	2.2
6	☐	500.000	501.057	2332137.81	0.1792	A	1.4
7	☐	1000.000	1000.282	4683271.49	0.3577	A	1.0
8	☐			3213.72	0.0002	P	7.6

y = 3.5758E-004 * x + 1.5980E-005
R = 1.0000
DL = 0.01762

Weight: <None>
Min Conc: 0

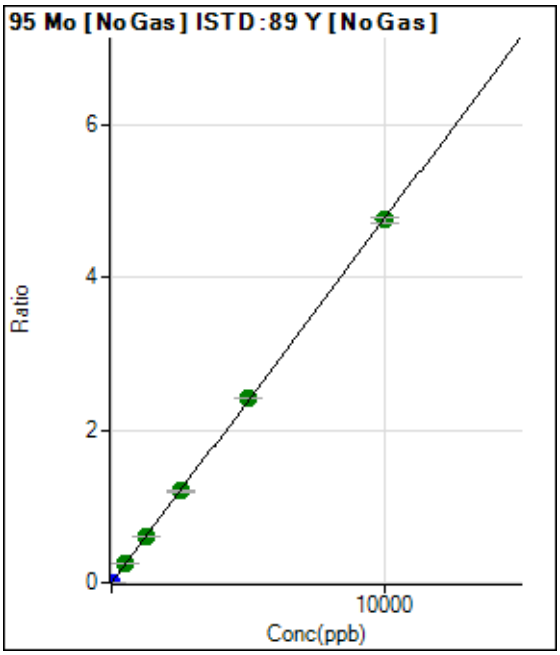
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1284.52	0.0001	P	3.9
2	☐	5.000	5.897	31745.52	0.0020	P	0.8
3	☐	500.000	507.991	2588665.34	0.1663	A	0.1
4	☐	1250.000	1273.050	6131795.05	0.4165	A	2.1
5	☐	2500.000	2525.276	11281793.86	0.8262	A	1.9
6	☐	5000.000	5059.389	21542684.40	1.6551	A	0.2
7	☐	10000.000	9960.705	42662517.70	3.2585	A	1.2
8	☐			13681.02	0.0010	P	15.1

y = 3.2712E-004 * x + 8.4019E-005
R = 1.0000
DL = 0.02967

Weight: <None>
Min Conc: 0

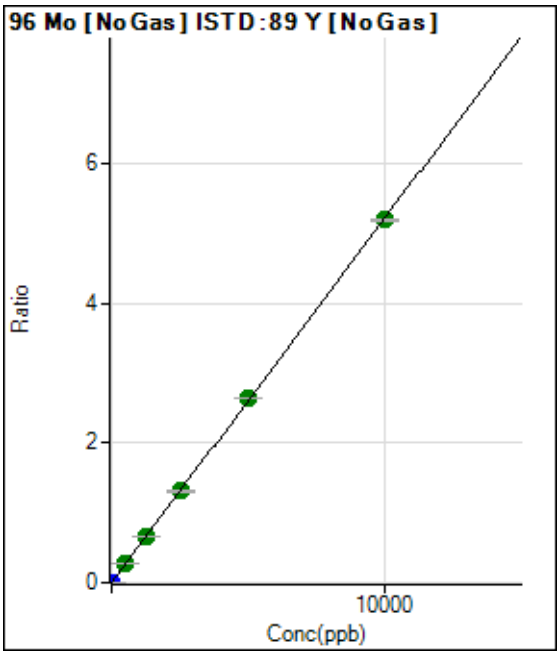


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1562.32	0.0001	P	4.4
2	☐	5.000	4.985	39086.48	0.0025	P	2.5
3	☐	500.000	507.605	3769410.43	0.2421	A	0.2
4	☐	1250.000	1264.001	8873114.17	0.6027	A	1.7
5	☐	2500.000	2511.410	16351581.42	1.1974	A	2.1
6	☐	5000.000	5056.905	31379752.31	2.4109	A	0.2
7	☐	10000.000	9966.564	62211305.19	4.7516	A	1.4
8	☐			14045.94	0.0011	P	21.2

y = 4.7674E-004 * x + 1.0220E-004
R = 1.0000
DL = 0.02813

Weight: <None>
Min Conc: 0

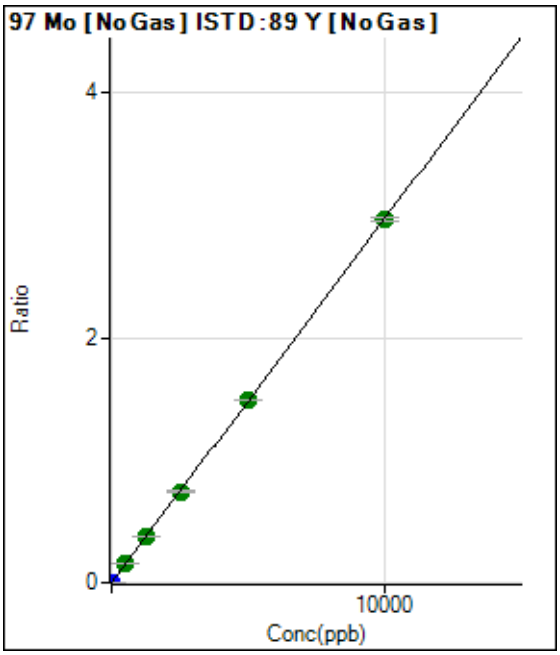
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1795.68	0.0001	P	5.8
2	☐	5.000	5.033	43264.91	0.0027	P	1.5
3	☐	500.000	508.753	4134647.72	0.2656	A	1.1
4	☐	1250.000	1269.892	9756342.98	0.6627	A	1.3
5	☐	2500.000	2508.915	17878285.85	1.3092	A	2.2
6	☐	5000.000	5062.497	34380682.27	2.6415	A	0.1
7	☐	10000.000	9963.599	68065989.54	5.1987	A	0.8
8	☐			25392.36	0.0019	P	11.9

y = 5.2175E-004 * x + 1.1747E-004
R = 1.0000
DL = 0.03895

Weight: <None>
Min Conc: 0

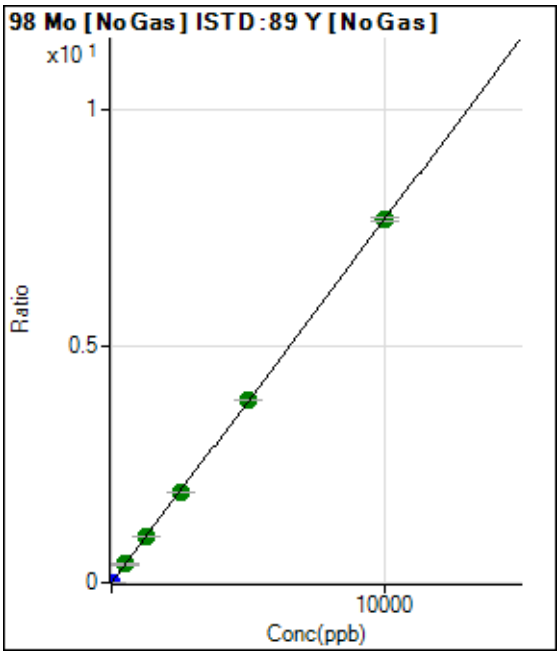


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1018.94	0.0001	P	1.8
2	☐	5.000	4.940	24194.47	0.0015	P	1.5
3	☐	500.000	506.003	2341724.31	0.1504	A	1.2
4	☐	1250.000	1269.545	5553957.42	0.3773	A	1.6
5	☐	2500.000	2504.340	10162764.22	0.7441	A	1.6
6	☐	5000.000	5040.177	19491404.99	1.4975	A	0.1
7	☐	10000.000	9976.083	38807618.03	2.9640	A	1.0
8	☐			8630.48	0.0007	P	18.8

y = 2.9711E-004 * x + 6.6639E-005
R = 1.0000
DL = 0.01187

Weight: <None>
Min Conc: 0

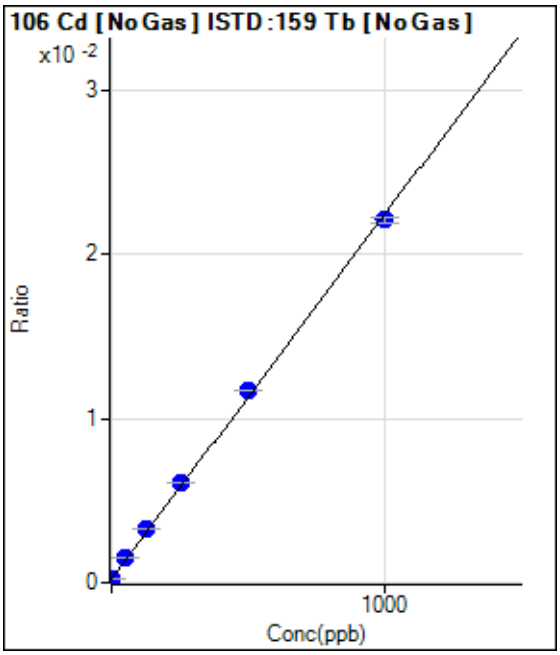
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2449.12	0.0002	P	4.5
2	☐	5.000	4.914	62115.60	0.0039	P	0.3
3	☐	500.000	504.513	6042496.78	0.3881	A	1.0
4	☐	1250.000	1256.016	14220843.95	0.9659	A	1.4
5	☐	2500.000	2487.600	26125283.50	1.9129	A	1.6
6	☐	5000.000	5023.650	50278410.36	3.8630	A	0.5
7	☐	10000.000	9990.297	100578458.50	7.6819	A	0.9
8	☐			21681.11	0.0017	P	19.1

y = 7.6892E-004 * x + 1.6021E-004
R = 1.0000
DL = 0.02784

Weight: <None>
Min Conc: 0

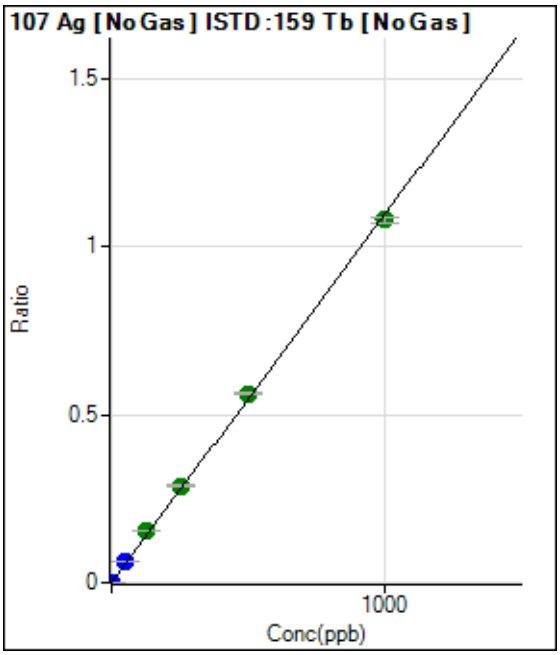


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3480.45	0.0002	P	2.9
2	☐	1.000	1.848	4213.99	0.0003	P	5.3
3	☐	50.000	58.290	24207.99	0.0015	P	1.5
4	☐	125.000	139.848	51601.20	0.0033	P	0.4
5	☐	250.000	264.863	91591.83	0.0061	P	1.0
6	☐	500.000	516.366	171953.10	0.0117	P	0.3
7	☐	1000.000	985.830	329833.74	0.0221	P	1.7
8	☐			3387.09	0.0002	P	3.3

y = 2.2209E-005 * x + 2.2624E-004
R = 0.9996
DL = 0.8834

Weight: <None>
Min Conc: 0

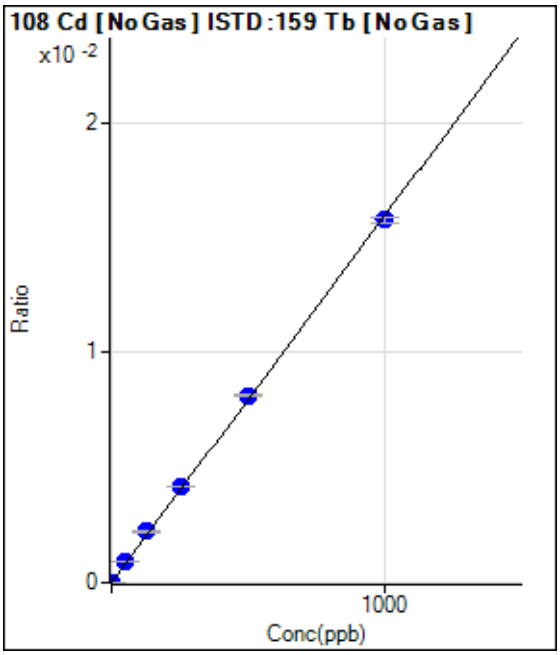
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	464.54	0.0000	P	5.9
2	☐	1.000	1.137	20078.34	0.0013	P	1.3
3	☐	50.000	56.802	989324.53	0.0622	P	1.1
4	☐	125.000	141.023	2388875.18	0.1543	A	1.4
5	☐	250.000	263.659	4324133.18	0.2884	A	1.1
6	☐	500.000	515.106	8283900.67	0.5634	A	1.3
7	☐	1000.000	986.689	16090830.01	1.0791	A	1.3
8	☐			3849.18	0.0003	P	17.8

y = 0.0011 * x + 3.0205E-005
R = 0.9997
DL = 0.004874

Weight: <None>
Min Conc: 0

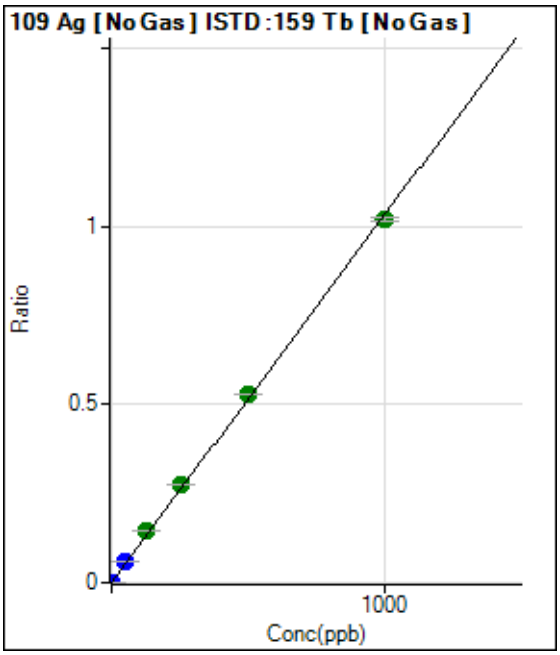


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	27.7
2	☐	1.000	1.121	305.56	0.0000	P	8.2
3	☐	50.000	57.983	14736.45	0.0009	P	1.6
4	☐	125.000	139.286	34406.37	0.0022	P	1.1
5	☐	250.000	262.934	62865.31	0.0042	P	1.3
6	☐	500.000	509.745	119500.43	0.0081	P	1.3
7	☐	1000.000	989.709	235257.88	0.0158	P	1.9
8	☐			128.89	0.0000	P	4.6

y = 1.5940E-005 * x + 1.5142E-006
R = 0.9998
DL = 0.07882

Weight: <None>
Min Conc: 0

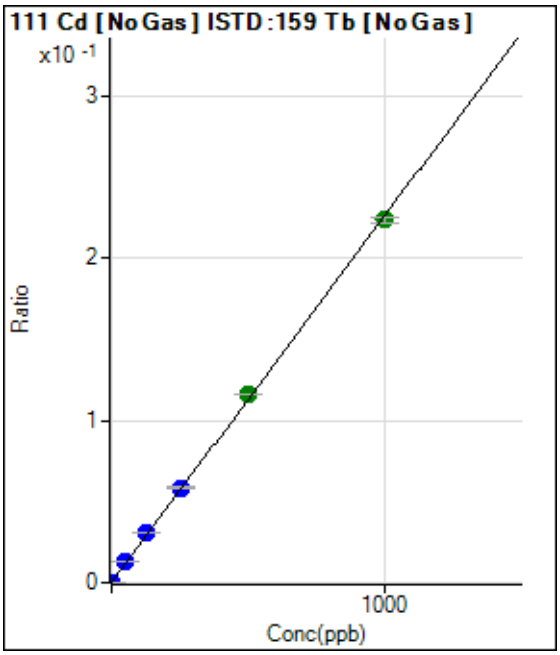
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	412.23	0.0000	P	4.3
2	☐	1.000	1.121	18648.75	0.0012	P	2.2
3	☐	50.000	56.919	934913.15	0.0587	P	1.0
4	☐	125.000	140.758	2248657.93	0.1452	A	0.7
5	☐	250.000	267.867	4142938.72	0.2763	A	0.7
6	☐	500.000	513.051	7781299.54	0.5292	A	0.6
7	☐	1000.000	986.692	15175307.27	1.0177	A	1.2
8	☐			3544.92	0.0002	P	17.4

y = 0.0010 * x + 2.6801E-005
R = 0.9996
DL = 0.00338

Weight: <None>
Min Conc: 0

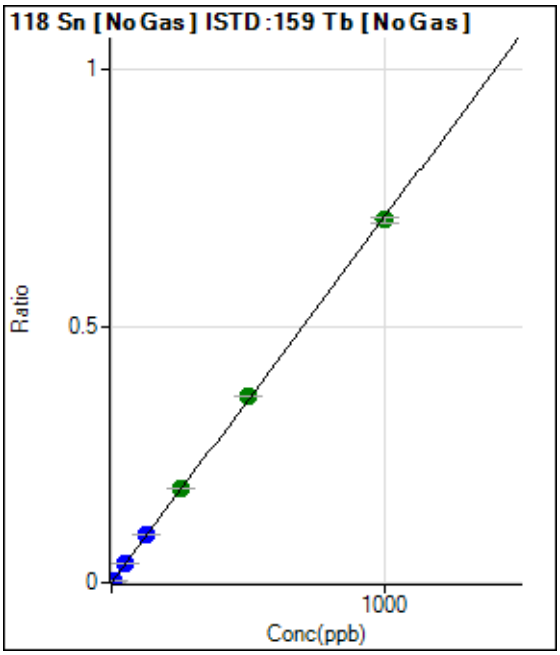


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2529.17	0.0002	P	3.1
2	☐	1.000	1.205	6877.43	0.0004	P	2.1
3	☐	50.000	55.853	203276.45	0.0128	P	1.0
4	☐	125.000	134.511	472672.82	0.0305	P	0.7
5	☐	250.000	258.520	877221.49	0.0585	P	1.9
6	☐	500.000	513.350	1706053.14	0.1160	A	0.5
7	☐	1000.000	989.713	3333255.68	0.2235	A	1.5
8	☐			3059.60	0.0002	P	4.4

y = 2.2570E-004 * x + 1.6441E-004
R = 0.9998
DL = 0.06777

Weight: <None>
Min Conc: 0

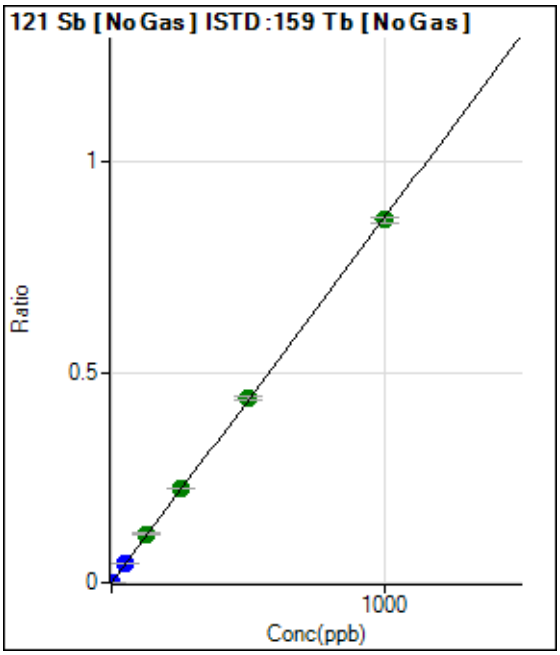
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2147.96	0.0001	P	3.2
2	☐	5.000	5.702	66251.18	0.0042	P	1.1
3	☐	50.000	53.530	609483.21	0.0383	P	0.7
4	☐	125.000	129.904	1435763.69	0.0927	P	0.9
5	☐	250.000	256.945	2747685.65	0.1833	A	1.2
6	☐	500.000	510.887	5355639.64	0.3642	A	0.5
7	☐	1000.000	992.027	10543804.71	0.7071	A	1.4
8	☐			5005.36	0.0003	P	11.1

y = 7.1265E-004 * x + 1.3963E-004
R = 0.9999
DL = 0.01885

Weight: <None>
Min Conc: 0

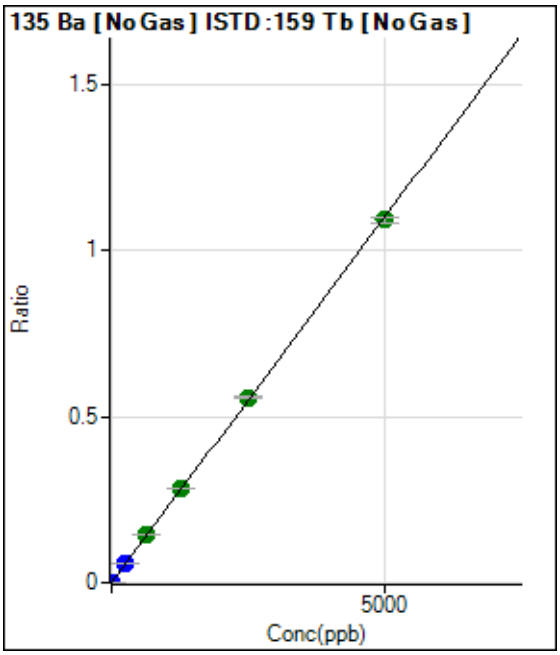


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.34	0.0000	P	6.0
2	☐	2.000	2.218	30647.11	0.0019	P	0.5
3	☐	50.000	52.938	731259.35	0.0459	P	1.0
4	☐	125.000	132.833	1784501.73	0.1152	A	2.6
5	☐	250.000	258.995	3368830.57	0.2247	A	0.7
6	☐	500.000	505.450	6447170.60	0.4385	A	1.3
7	☐	1000.000	993.900	12855522.73	0.8621	A	1.4
8	☐			7161.86	0.0005	P	12.0

y = 8.6742E-004 * x + 2.0357E-005
R = 0.9999
DL = 0.004189

Weight: <None>
Min Conc: 0

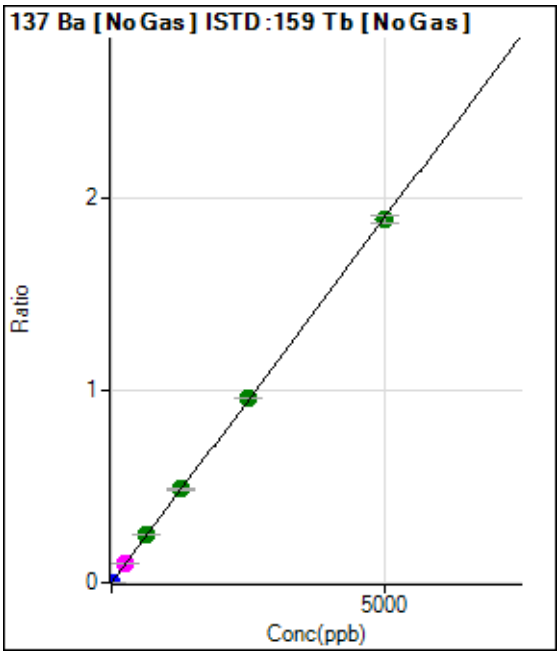
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	405.57	0.0000	P	24.9
2	☐	10.000	10.654	37317.70	0.0024	P	1.4
3	☐	250.000	257.947	902691.35	0.0567	P	0.8
4	☐	625.000	658.215	2240251.25	0.1447	A	0.7
5	☐	1250.000	1286.543	4239156.39	0.2827	A	1.1
6	☐	2500.000	2538.745	8203393.35	0.5579	A	0.5
7	☐	5000.000	4966.941	16275121.56	1.0915	A	1.3
8	☐			8063.47	0.0005	P	8.6

y = 2.1974E-004 * x + 2.6378E-005
R = 0.9999
DL = 0.08963

Weight: <None>
Min Conc: 0

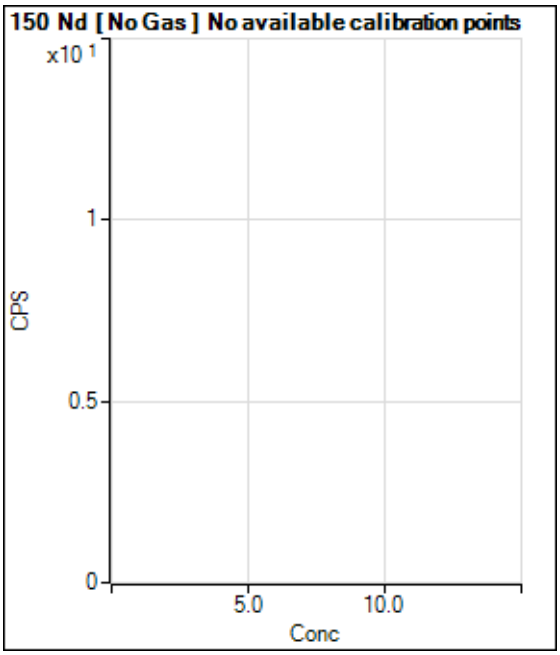


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	683.36	0.0000	P	7.6
2	☐	10.000	10.710	64626.84	0.0041	P	1.5
3	☐	250.000	264.459	1594859.06	0.1002	M	2.2
4	☐	625.000	651.627	3822069.66	0.2468	A	1.3
5	☐	1250.000	1279.844	7266955.03	0.4847	A	1.8
6	☐	2500.000	2532.108	14100363.40	0.9589	A	0.7
7	☐	5000.000	4972.432	28077519.58	1.8831	A	2.0
8	☐			13732.29	0.0009	P	7.4

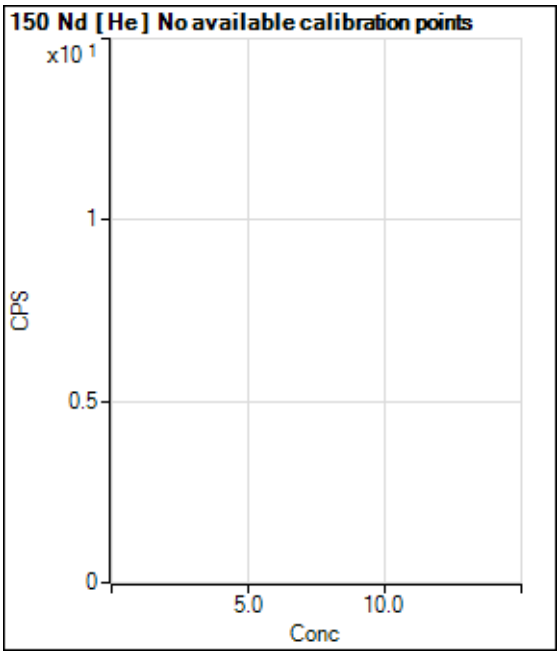
y = 3.7869E-004 * x + 4.4406E-005
R = 0.9999
DL = 0.02679

Weight: <None>
Min Conc: 0

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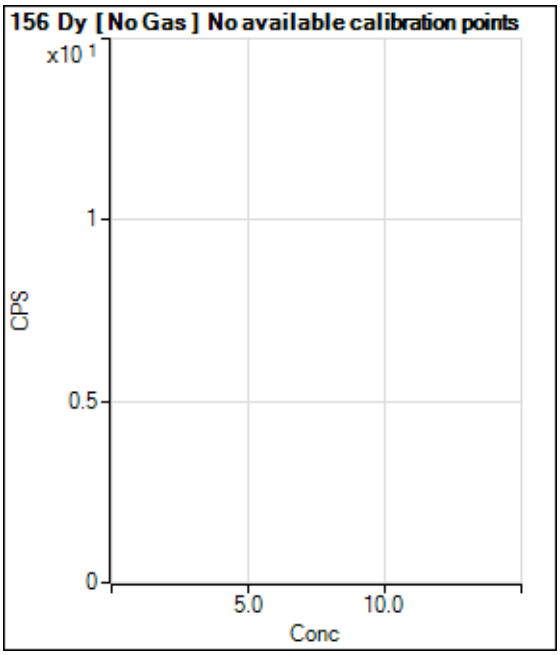


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	78.1
2	☐			8.89		P	21.6
3	☐			67.78		P	23.2
4	☐			124.45		P	6.2
5	☐			220.00		P	3.0
6	☐			386.68		P	10.5
7	☐			753.36		P	4.7
8	☐			260.01		P	11.0

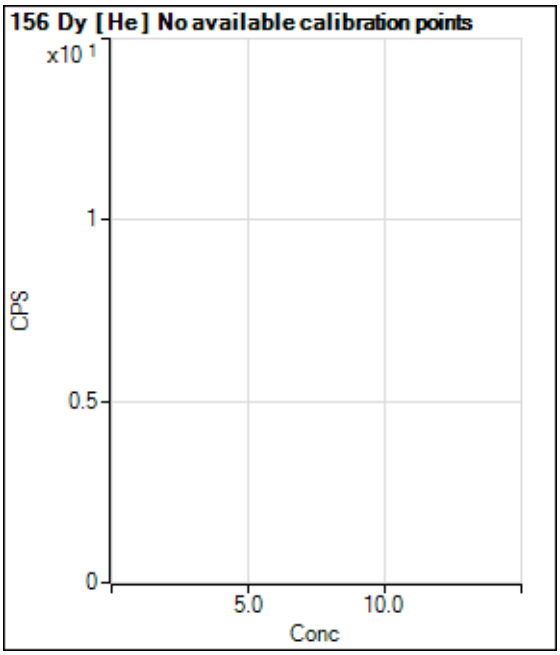


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	50.0
3	☐			8.89		P	43.3
4	☐			36.67		P	18.2
5	☐			45.56		P	25.7
6	☐			93.33		P	32.1
7	☐			185.56		P	2.7
8	☐			172.23		P	11.2

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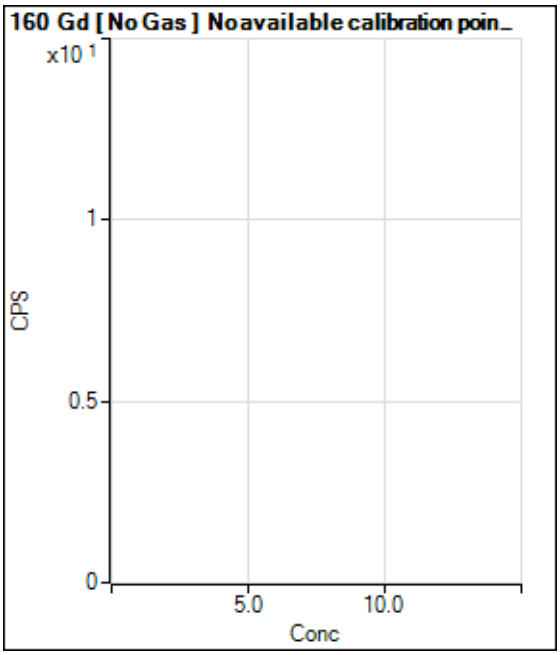


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			35.56		P	28.6
2	☐			24.45		P	28.4
3	☐			36.67		P	32.8
4	☐			40.00		P	25.0
5	☐			71.11		P	5.4
6	☐			127.78		P	6.0
7	☐			247.78		P	10.8
8	☐			491.13		P	7.0

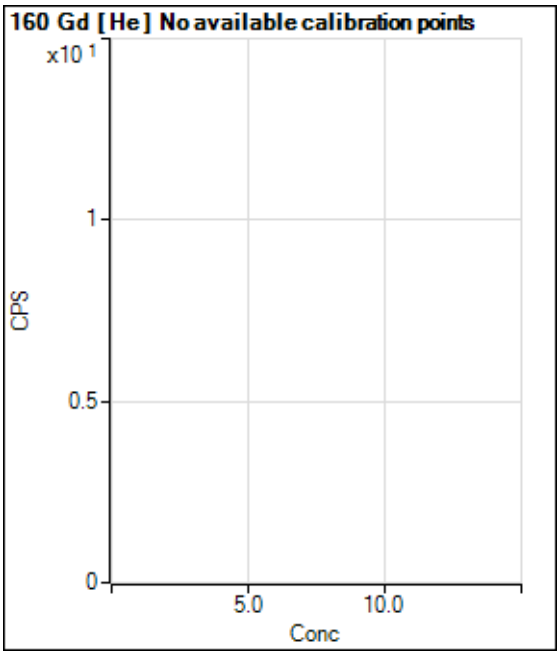


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	86.6
2	☐			10.00		P	33.3
3	☐			70.00		P	12.6
4	☐			101.11		P	12.5
5	☐			222.23		P	15.0
6	☐			338.89		P	6.0
7	☐			794.47		P	10.1
8	☐			400.01		P	5.5

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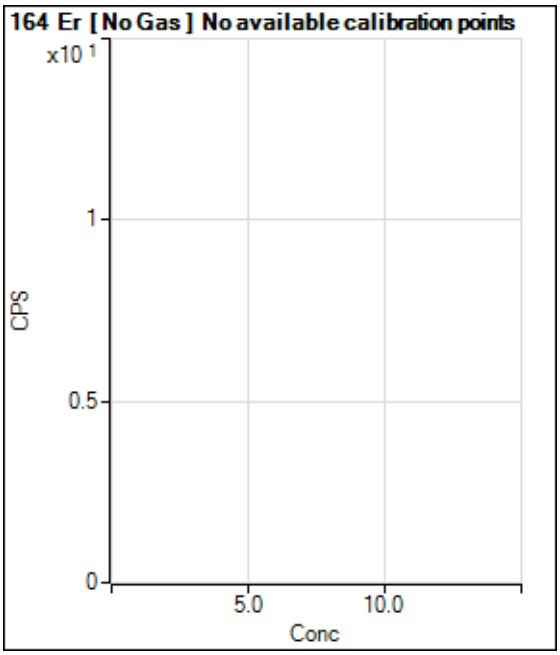


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			40.00		P	30.0
2	☐			57.78		P	8.8
3	☐			55.55		P	6.9
4	☐			67.78		P	7.5
5	☐			95.55		P	21.3
6	☐			113.34		P	5.1
7	☐			150.00		P	15.6
8	☐			476.68		P	5.6

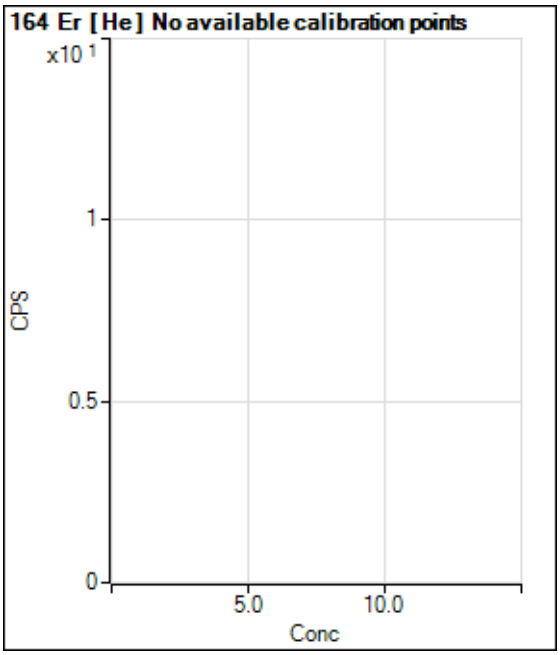


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1	☐			614.46		P	12.0
2	☐			731.14		P	2.1
3	☐			661.13		P	1.5
4	☐			651.14		P	11.9
5	☐			650.02		P	8.3
6	☐			596.69		P	4.9
7	☐			701.14		P	2.7
8	☐			920.04		P	3.8

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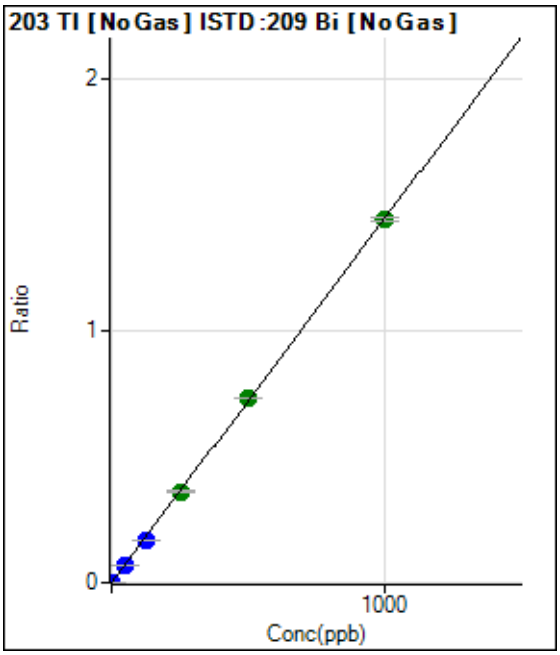


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			58.89		P	33.2
2	☐			72.22		P	23.7
3	☐			75.56		P	16.7
4	☐			86.67		P	25.2
5	☐			87.78		P	34.5
6	☐			134.45		P	6.2
7	☐			148.89		P	8.5
8	☐			556.68		P	10.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			45.56		P	11.2
2	☐			41.11		P	54.0
3	☐			51.11		P	44.4
4	☐			60.00		P	14.7
5	☐			45.55		P	23.5
6	☐			82.22		P	8.4
7	☐			120.00		P	14.4
8	☐			407.79		P	11.3

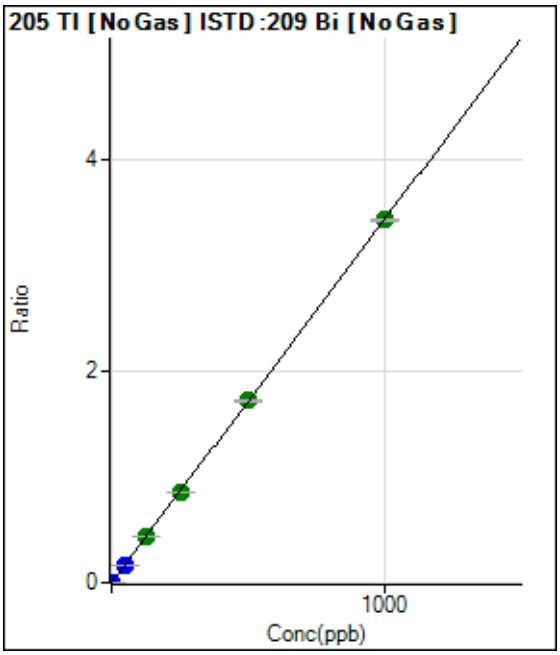
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	671.14	0.0001	P	4.4
2	☐	1.000	0.942	13497.88	0.0014	P	0.2
3	☐	50.000	48.046	657009.96	0.0694	P	2.1
4	☐	125.000	118.408	1596300.67	0.1709	P	0.4
5	☐	250.000	250.935	3310586.31	0.3621	A	1.2
6	☐	500.000	507.162	6612891.85	0.7318	A	0.9
7	☐	1000.000	997.107	12943659.81	1.4387	A	0.9
8	☐			2438.04	0.0003	P	20.5

y = 0.0014 * x + 7.4890E-005
R = 0.9999
DL = 0.006912

Weight: <None>
Min Conc: 0

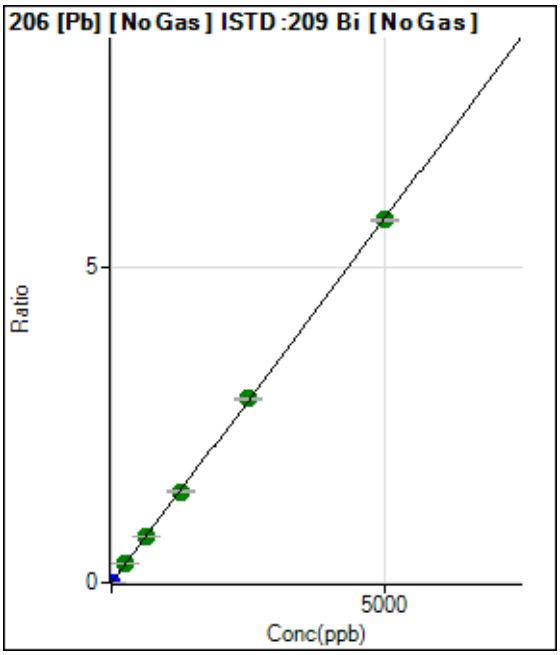


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1433.42	0.0002	P	7.0
2	☐	1.000	0.973	32905.32	0.0035	P	2.2
3	☐	50.000	47.674	1549851.61	0.1637	P	2.0
4	☐	125.000	126.167	4043546.57	0.4329	A	1.9
5	☐	250.000	248.897	7807141.34	0.8539	A	1.1
6	☐	500.000	501.762	15554644.91	1.7213	A	1.0
7	☐	1000.000	999.365	30843698.98	3.4283	A	0.6
8	☐			5926.95	0.0007	P	23.4

y = 0.0034 * x + 1.6003E-004
R = 1.0000
DL = 0.009758

Weight: <None>
Min Conc: 0

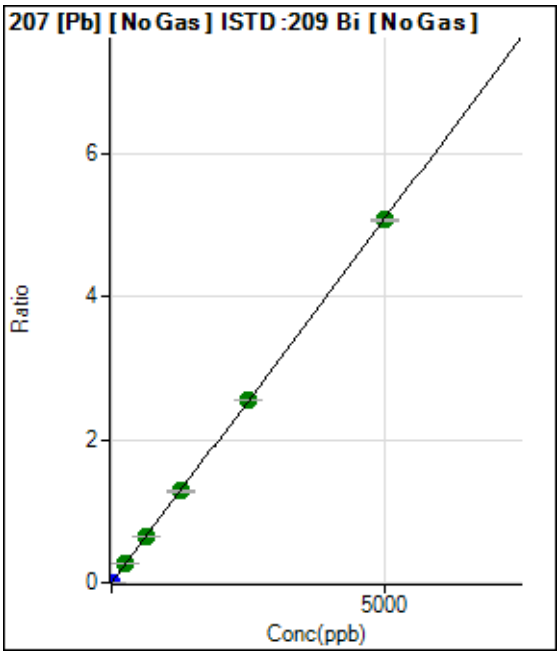
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1829.03	0.0002	P	1.8
2	☐	1.000	0.909	11761.83	0.0013	P	1.8
3	☐	250.000	254.265	2773258.43	0.2929	A	2.6
4	☐	625.000	624.670	6718626.50	0.7193	A	1.0
5	☐	1250.000	1249.669	13154603.83	1.4389	A	1.1
6	☐	2500.000	2528.008	26300747.94	2.9105	A	0.7
7	☐	5000.000	4985.907	51643684.23	5.7401	A	0.3
8	☐			15911.73	0.0019	P	10.9

y = 0.0012 * x + 2.0412E-004
R = 1.0000
DL = 0.009589

Weight: <None>
Min Conc: 0

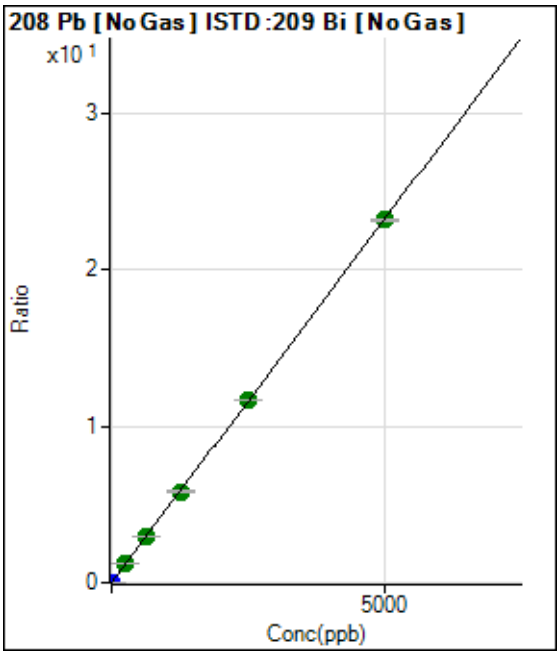


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1614.56	0.0002	P	8.4
2	☐	1.000	0.871	10032.68	0.0011	P	3.6
3	☐	250.000	254.715	2457122.57	0.2595	A	1.0
4	☐	625.000	630.822	5999762.55	0.6424	A	0.6
5	☐	1250.000	1261.103	11739301.77	1.2840	A	0.8
6	☐	2500.000	2513.148	23121331.32	2.5587	A	0.3
7	☐	5000.000	4989.687	45703068.76	5.0799	A	0.5
8	☐			14130.88	0.0017	P	12.6

y = 0.0010 * x + 1.8019E-004
R = 1.0000
DL = 0.04463

Weight: <None>
Min Conc: 0

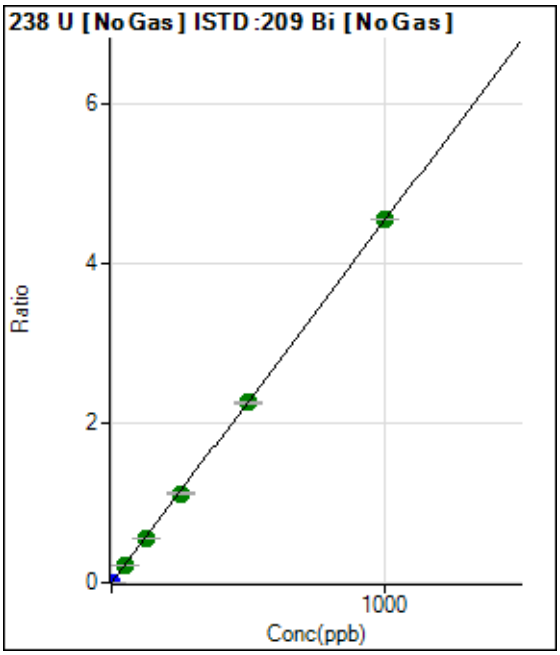
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7428.65	0.0008	P	1.1
2	☐	1.000	0.880	46262.20	0.0049	P	1.9
3	☐	250.000	253.041	11138625.78	1.1764	A	1.3
4	☐	625.000	625.437	27145676.19	2.9064	A	0.6
5	☐	1250.000	1252.367	53198862.12	5.8189	A	1.0
6	☐	2500.000	2514.541	105568321.76	11.6825	A	0.4
7	☐	5000.000	4991.931	208652800.22	23.1915	A	0.2
8	☐			63770.43	0.0078	P	11.2

y = 0.0046 * x + 8.2895E-004
R = 1.0000
DL = 0.005695

Weight: <None>
Min Conc: 0

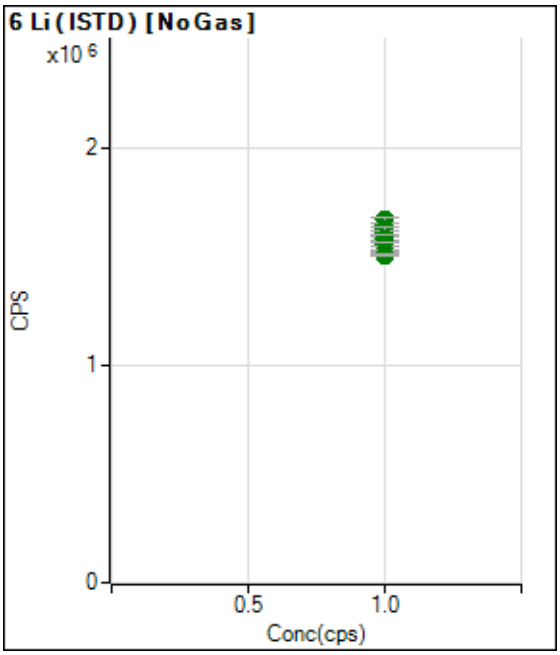


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	704.47	0.0001	P	9.6
2	☐	1.000	0.893	38796.37	0.0041	P	2.8
3	☐	50.000	47.877	2054162.42	0.2170	A	1.7
4	☐	125.000	121.005	5120301.11	0.5482	A	1.1
5	☐	250.000	245.580	10170687.90	1.1125	A	2.4
6	☐	500.000	497.561	20368362.75	2.2540	A	0.8
7	☐	1000.000	1002.930	40875272.72	4.5432	A	0.2
8	☐			6079.29	0.0007	P	24.9

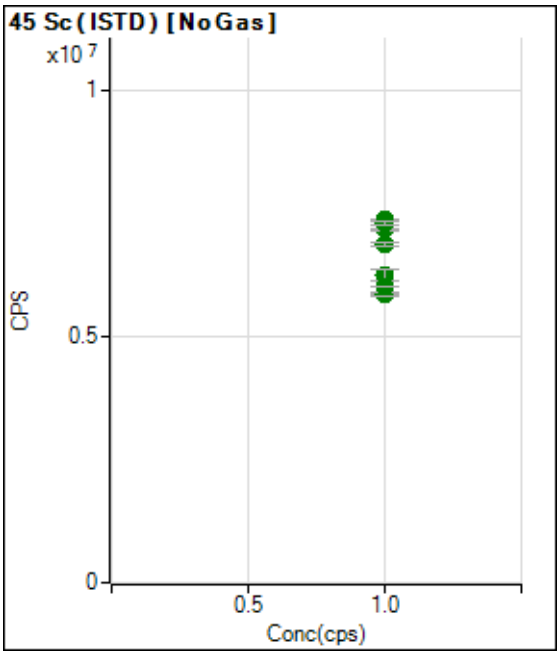
y = 0.0045 * x + 7.8639E-005
R = 1.0000
DL = 0.005017

Weight: <None>
Min Conc: 0

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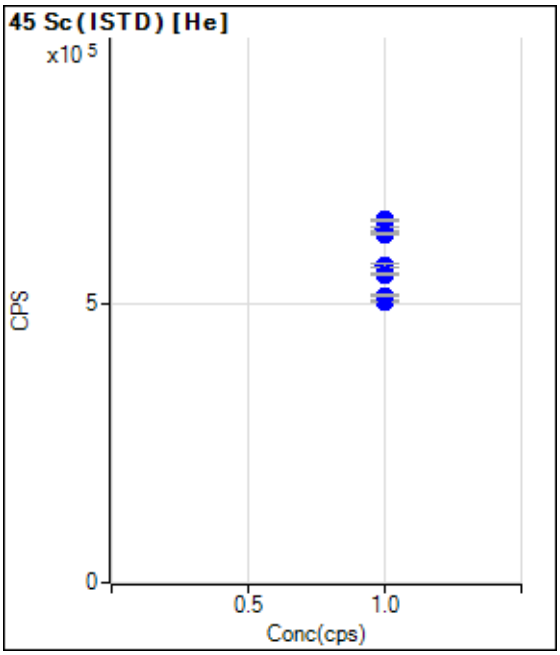


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2	☐	1.000		1643395.43		A	1.0
3	☐	1.000		1668012.63		A	1.3
4	☐	1.000		1627324.46		A	1.2
5	☐	1.000		1584786.28		A	1.9
6	☐	1.000		1557354.87		A	1.2
7	☐	1.000		1522105.81		A	0.8
8	☐	1.000		1506970.50		A	0.9

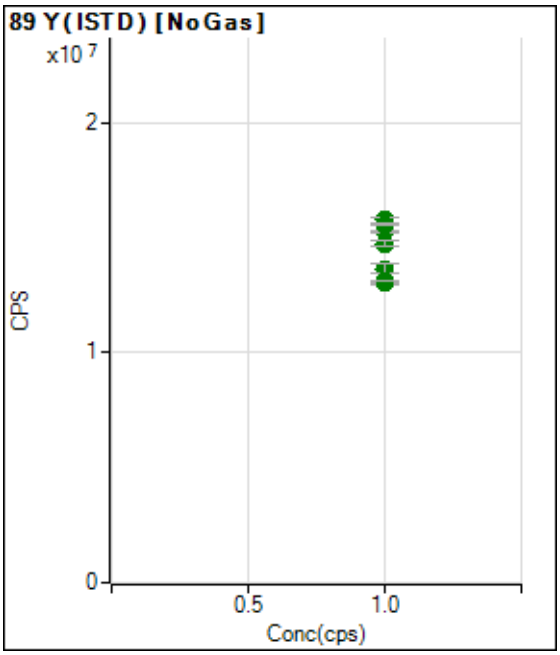


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1	☐	1.000		7161476.28		A	0.4
2	☐	1.000		7356518.43		A	0.7
3	☐	1.000		7289171.84		A	1.2
4	☐	1.000		6861997.05		A	0.9
5	☐	1.000		6234300.67		A	3.9
6	☐	1.000		5868792.20		A	0.2
7	☐	1.000		5852638.73		A	0.9
8	☐	1.000		6002906.16		A	0.4

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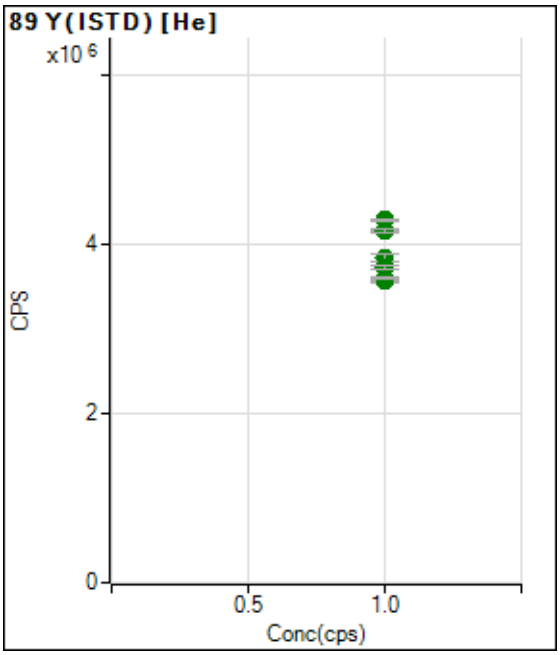


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2	☐	1.000		652756.60		P	0.7
3	☐	1.000		627171.91		P	0.8
4	☐	1.000		570692.49		P	0.8
5	☐	1.000		515590.77		P	0.5
6	☐	1.000		506405.71		P	0.6
7	☐	1.000		517221.23		P	0.4
8	☐	1.000		553979.44		P	0.7

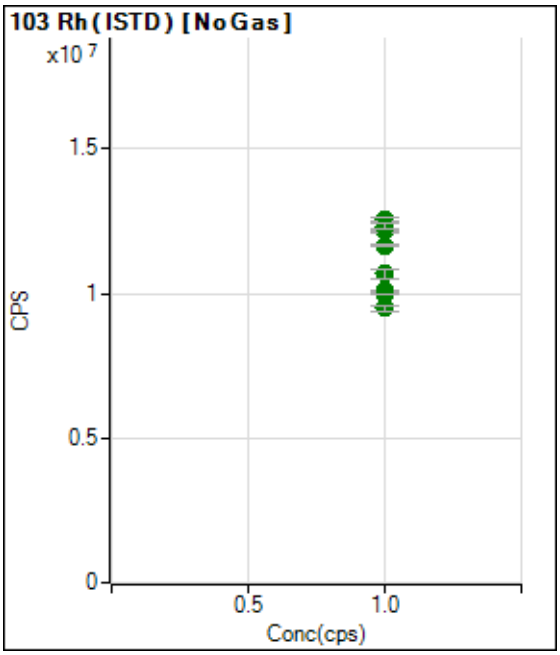


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1	☐	1.000		15289700.05		A	0.5
2	☐	1.000		15770679.76		A	1.4
3	☐	1.000		15569844.21		A	0.7
4	☐	1.000		14724547.42		A	1.7
5	☐	1.000		13660880.07		A	3.0
6	☐	1.000		13015609.11		A	0.3
7	☐	1.000		13093353.14		A	0.6
8	☐	1.000		13122735.08		A	0.6

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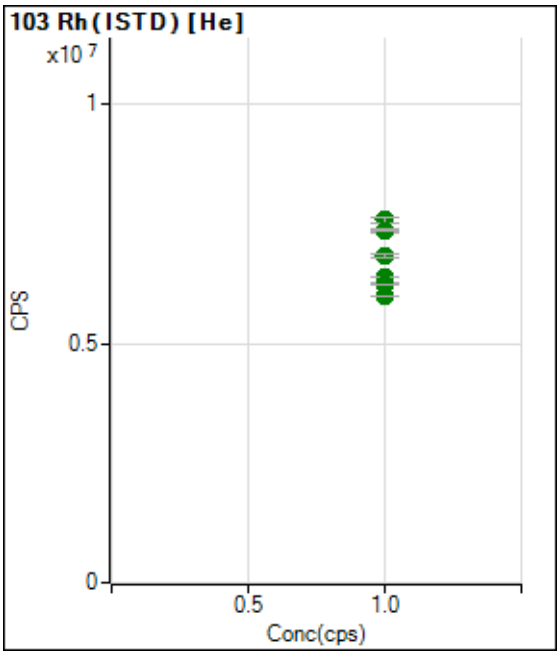


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1	☐	1.000		4166465.11		A	0.9
2	☐	1.000		4286692.36		A	0.7
3	☐	1.000		4154162.54		A	0.7
4	☐	1.000		3839658.90		A	2.4
5	☐	1.000		3593520.47		A	1.5
6	☐	1.000		3556677.93		A	0.2
7	☐	1.000		3598818.63		A	1.1
8	☐	1.000		3726001.33		A	0.8

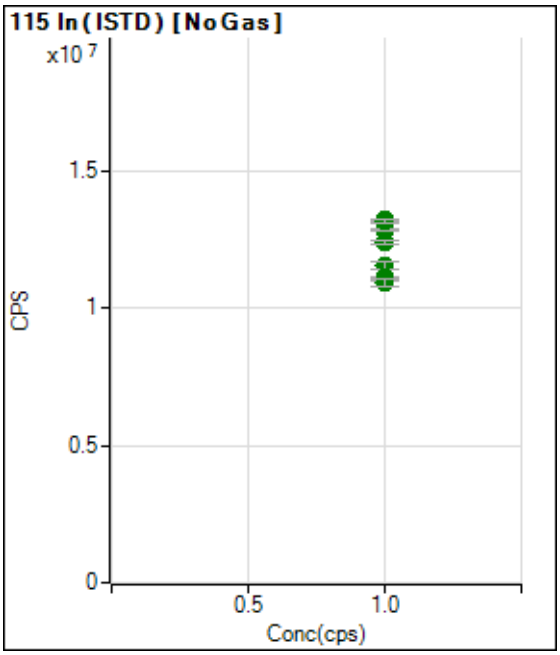


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12148912.46		A	0.6
2	☐	1.000		12542990.23		A	1.0
3	☐	1.000		12322262.73		A	1.3
4	☐	1.000		11646523.02		A	0.7
5	☐	1.000		10699642.76		A	3.1
6	☐	1.000		10073865.06		A	0.3
7	☐	1.000		9963723.46		A	0.4
8	☐	1.000		9493008.75		A	1.8

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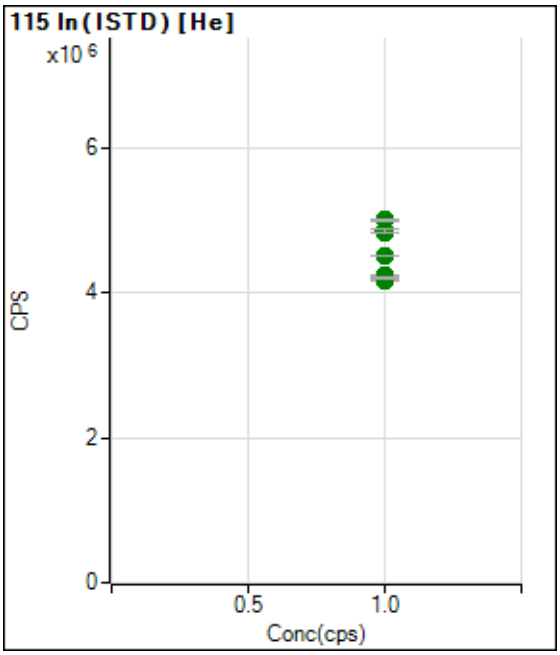


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1	☐	1.000		7338868.71		A	0.7
2	☐	1.000		7586200.65		A	1.3
3	☐	1.000		7366197.95		A	0.7
4	☐	1.000		6836151.77		A	1.7
5	☐	1.000		6403164.56		A	0.2
6	☐	1.000		6248505.53		A	0.8
7	☐	1.000		6243066.43		A	0.2
8	☐	1.000		5992687.62		A	0.5

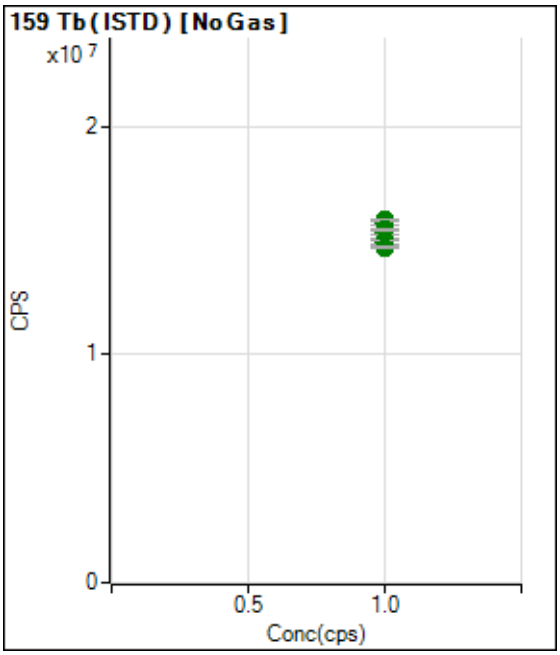


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1	☐	1.000		12867074.78		A	0.4
2	☐	1.000		13231103.23		A	0.7
3	☐	1.000		13199038.58		A	1.0
4	☐	1.000		12439149.02		A	1.2
5	☐	1.000		11587599.40		A	2.4
6	☐	1.000		11161624.58		A	0.3
7	☐	1.000		11039326.48		A	0.4
8	☐	1.000		10949802.06		A	2.3

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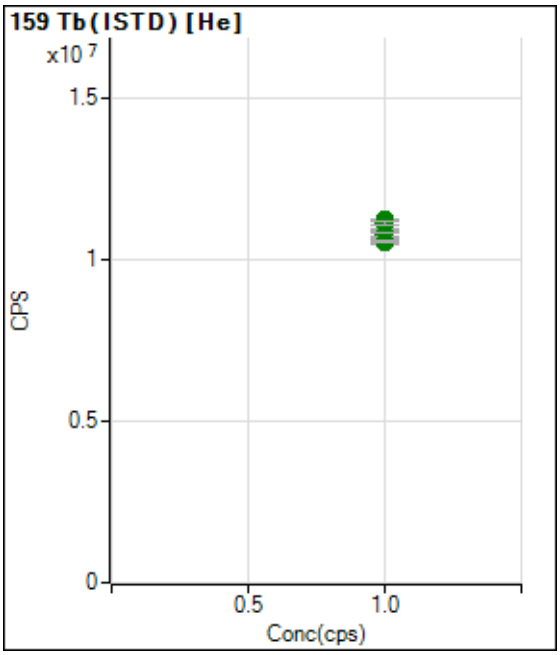


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4835980.14		A	0.3
2	☐	1.000		5006598.20		A	0.7
3	☐	1.000		4855632.33		A	0.6
4	☐	1.000		4521787.83		A	0.1
5	☐	1.000		4236602.23		A	0.8
6	☐	1.000		4187801.01		A	0.8
7	☐	1.000		4168501.56		A	0.5
8	☐	1.000		4207442.83		A	0.9

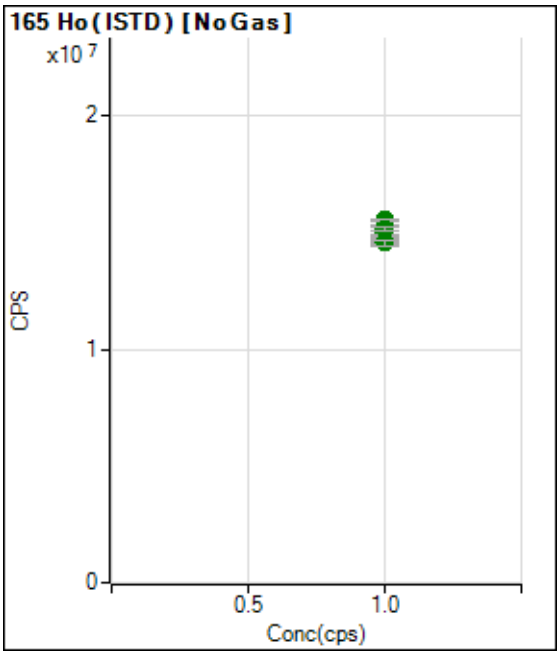


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15386161.44		A	1.2
2	☐	1.000		15763597.96		A	0.9
3	☐	1.000		15918495.87		A	0.5
4	☐	1.000		15486080.05		A	0.5
5	☐	1.000		14995318.39		A	1.8
6	☐	1.000		14704143.25		A	0.2
7	☐	1.000		14912392.69		A	0.9
8	☐	1.000		14711047.00		A	0.8

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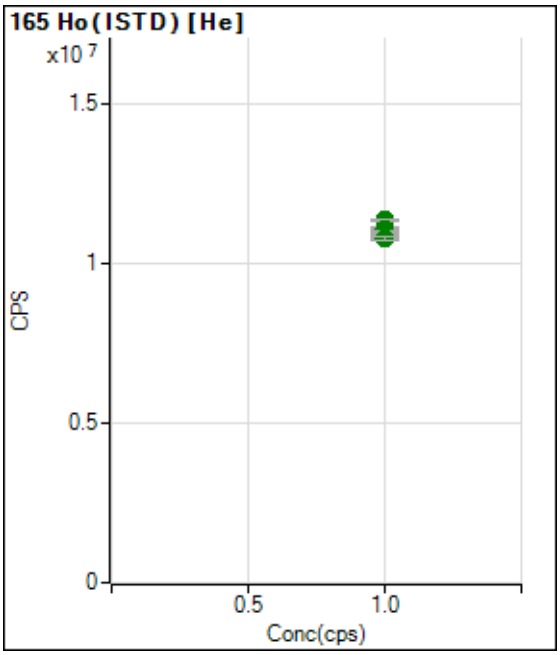


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10942515.67		A	0.5
2	☐	1.000		11225685.39		A	0.8
3	☐	1.000		11137834.14		A	1.2
4	☐	1.000		10762957.48		A	0.9
5	☐	1.000		10559915.54		A	1.7
6	☐	1.000		10613987.20		A	0.6
7	☐	1.000		10748937.34		A	1.2
8	☐	1.000		10542853.53		A	0.7

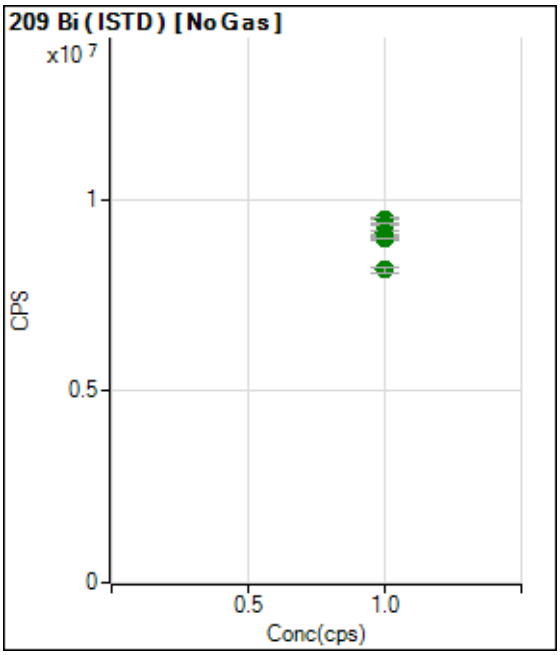


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15024007.83		A	1.1
2	☐	1.000		15308192.41		A	0.4
3	☐	1.000		15534374.77		A	0.7
4	☐	1.000		15170246.30		A	1.3
5	☐	1.000		14598394.23		A	1.7
6	☐	1.000		14599086.87		A	0.2
7	☐	1.000		14689451.87		A	1.3
8	☐	1.000		14538396.73		A	1.4

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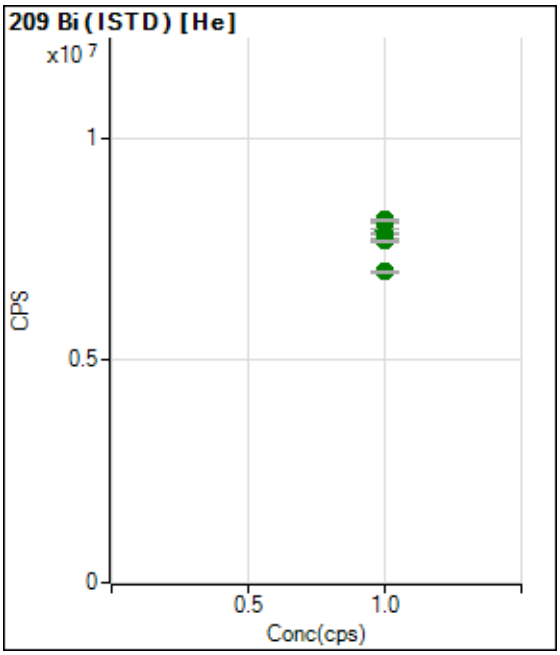


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11017911.92		A	0.8
2	☐	1.000		11318910.11		A	0.1
3	☐	1.000		11365652.61		A	0.4
4	☐	1.000		11085559.97		A	1.0
5	☐	1.000		10822369.70		A	1.0
6	☐	1.000		10873172.89		A	1.0
7	☐	1.000		10996713.86		A	0.9
8	☐	1.000		10798484.01		A	1.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8961882.99		A	1.1
2	☐	1.000		9410229.03		A	2.0
3	☐	1.000		9469931.66		A	1.7
4	☐	1.000		9340036.94		A	0.6
5	☐	1.000		9143134.66		A	1.2
6	☐	1.000		9036549.45		A	0.4
7	☐	1.000		8996958.20		A	0.2
8	☐	1.000		8158151.27		A	1.5

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7838638.43		A	0.5
2	☐	1.000		8117172.38		A	0.9
3	☐	1.000		8162667.52		A	0.9
4	☐	1.000		7927706.89		A	1.0
5	☐	1.000		7829807.18		A	0.3
6	☐	1.000		7739948.01		A	0.5
7	☐	1.000		7685219.40		A	0.3
8	☐	1.000		7005568.85		A	0.7

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On:12/20/2024
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Inst Id :P7
ClientSampleId
:TUNE003

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7121924MS1.b
Acq. Date-Time	2024-12-19 14:30:21
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		8888	88881.11			0.402	5.000
24		71370	713697.87			0.698	5.000
25		8561	85605.76			0.572	5.000
26		9596	95962.10			0.503	5.000
59		120255	1202550.72			0.652	5.000
113		16207	162072.87			0.452	5.000
115		204389	2043885.09			0.505	5.000
206		38545	385454.13			0.581	5.000
207		33930	339295.63			0.776	5.000
208		81189	811890.90			0.617	5.000
220		0	1.90			68.117	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

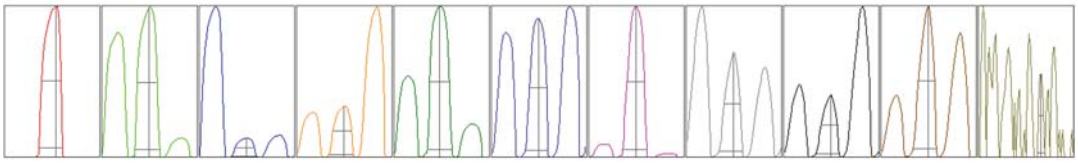
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8919	8895	8915	8830	8882
24	71960	71300	71183	70679	71726
25	8585	8511	8523	8552	8632
26	9546	9606	9674	9578	9578
59	121264	120754	119402	120283	119573
113	16271	16242	16253	16092	16178
115	205281	205055	204923	203862	202821
206	38674	38280	38779	38332	38662
207	34005	33523	34047	33851	34223
208	81750	80779	80956	80749	81711

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	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	15495.79	9.15	8.90 - 9.10	Fail
24	119680.77	24.00	23.90 - 24.10	
25	14940.48	25.00	24.90 - 25.10	
26	16985.51	26.00	25.90 - 26.10	
59	204679.25	58.95	58.90 - 59.10	
113	30889.23	113.00	112.90 - 113.10	
115	387401.00	115.00	114.90 - 115.10	
206	80306.17	206.00	205.90 - 206.10	
207	69206.81	207.00	206.90 - 207.10	
208	166378.18	208.00	207.90 - 208.10	
220	0.30	220.50	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.736	0.900	
24	0.63	0.782	0.900	
25	0.60	0.761	0.900	
26	0.59	0.758	0.900	
59	0.61	0.782	0.900	
113	0.53	0.727	0.900	
115	0.54	0.767	0.900	
206	0.51	0.758	0.900	
207	0.51	0.730	0.900	
208	0.51	0.734	0.900	
220	0.18	0.243		

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	7.3 V	Deflect	16.2 V
Extract 2	-115.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 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	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		40092	400922.16			0.197	
89		45801	458006.90			0.492	
205		45613	456130.28			0.425	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	40224	40097	40074	40033	40032
89	45967	46106	45704	45651	45575
205	45659	45879	45450	45679	45398

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	9.7 V	Deflect	4.0 V

US EPA Tune Check Report

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ClientSampleId
:TUNE003

Extract 2	-165.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-85 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	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	-0.06	-0.18	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Barium	135-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.00	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.00	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.30	0.00	0.29	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.00	0.02	0.00	N/A	ppb
Calcium	43-1	3.32	-0.50	-2.82	0.00	N/A	ppb
Calcium	44-1	2.71	-1.12	-1.59	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	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	-0.02	0.01	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	-0.10	-0.01	0.11	0.00	N/A	ppb
Iron	57-2	1.35	-1.12	-0.24	0.00	N/A	ppb
Iron	54-2	-0.02	-0.34	0.37	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	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	-0.01	0.02	-0.01	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	0.16	-0.38	0.22	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-18.22	-16.99	-17.91	-17.71		ppb
Potassium	39-2	-1.48	0.11	1.37	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.14	-0.04	-0.10	0.00	N/A	ppb
Selenium	77-2	-0.10	-0.10	0.19	0.00	N/A	ppb
Selenium	78-2	-0.05	0.31	-0.26	0.00	N/A	ppb
Silicon	28-1	0.25	1.88	-2.13	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	-0.31	0.32	-0.02	0.00	N/A	ppb
Strontium	86-1	0.13	-0.01	-0.12	0.00	N/A	ppb
Strontium	88-1	0.03	-0.04	0.01	0.00	N/A	ppb
Sulfur	34-1	-54.50	-30.41	-72.36	-52.42		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	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.03	0.02	0.01	0.00	N/A	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	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	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	0.00	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.75	18.19	17.65	17.86	1.62	ppb
Antimony	121-1	2.23	2.22	2.20	2.22	0.54	ppb
Arsenic	75-2	1.12	1.20	1.25	1.19	5.44	ppb
Barium	135-1	10.65	10.50	10.81	10.65	1.45	ppb
Barium	137-1	10.77	10.53	10.83	10.71	1.50	ppb
Beryllium	9-1	1.05	1.04	1.01	1.03	2.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	1.05	1.08	1.12	8.91	ppb
Cadmium	106-1	2.41	1.99	1.14	1.85	34.84	ppb
Cadmium	111-1	1.25	1.18	1.18	1.20	3.39	ppb
Calcium	43-1	559.26	553.39	560.13	557.59	0.66	ppb
Calcium	44-1	553.67	552.68	556.73	554.36	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.14	2.12	2.13	0.46	ppb
Cobalt	59-2	1.12	1.08	1.12	1.11	2.24	ppb
Copper	63-2	1.88	1.85	1.92	1.88	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				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	51.43	50.86	51.48	51.26	0.67	ppb
Iron	57-2	53.43	52.56	57.30	54.43	4.63	ppb
Iron	54-2	54.25	52.61	55.59	54.15	2.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.92	0.91	0.89	0.91	2.10	ppb
Lead	207-1	0.91	0.84	0.86	0.87	4.36	ppb
Lead	208-1	0.90	0.88	0.86	0.88	2.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	525.51	525.51	529.99	527.00	0.49	ppb
Manganese	55-2	0.90	0.87	0.86	0.88	2.18	ppb
Molybdenum	94-1	5.90	5.94	5.84	5.90	0.84	ppb
Molybdenum	95-1	5.13	4.95	4.88	4.99	2.60	ppb
Molybdenum	96-1	5.10	5.06	4.94	5.03	1.62	ppb
Molybdenum	97-1	5.01	4.96	4.86	4.94	1.55	ppb
Molybdenum	98-1	4.92	4.92	4.90	4.91	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.09	1.14	1.12	2.34	ppb
Phosphorus	31-2	12.63	18.58	21.91	17.71	26.56	ppb
Potassium	39-2	538.31	541.38	548.28	542.66	0.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	5.27	4.83	4.94	5.01	4.60	ppb
Selenium	77-2	5.55	4.89	5.49	5.31	6.84	ppb
Selenium	78-2	5.93	6.80	5.70	6.14	9.48	ppb
Silicon	28-1	-5.66	-11.77	-10.28	-9.24		ppb
Silver	107-1	1.12	1.14	1.15	1.14	1.37	ppb
Silver	109-1	1.14	1.09	1.13	1.12	2.27	ppb
Sodium	23-2	490.85	492.35	498.77	493.99	0.85	ppb
Strontium	86-1	26.94	26.25	25.08	26.09	3.60	ppb
Strontium	88-1	26.14	25.28	25.64	25.68	1.67	ppb
Sulfur	34-1	107.65	42.75	6.87	52.42	97.45	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.94	0.94	0.94	0.94	0.24	ppb
Thallium	205-1	1.00	0.97	0.95	0.97	2.32	ppb
Tin	118-1	5.75	5.63	5.72	5.70	1.15	ppb
Titanium	47-1	5.07	4.95	4.88	4.97	1.99	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.88	0.88	0.89	2.84	ppb
Vanadium	51-2	5.21	5.23	5.29	5.24	0.74	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	5.82	5.59	5.90	5.77	2.82	ppb
Zirconium	90-1	1.03	1.01	0.99	1.01	2.10	ppb
Zirconium	91-1	1.03	1.03	0.99	1.01	2.49	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	972.64	979.14	977.95	976.58	0.35	ppb
Antimony	121-1	52.63	53.57	52.62	52.94	1.03	ppb
Arsenic	75-2	54.35	53.99	53.66	54.00	0.64	ppb
Barium	135-1	258.23	259.78	255.83	257.95	0.77	ppb
Barium	137-1	258.10	269.07	266.20	264.46	2.15	ppb
Beryllium	9-1	50.34	52.28	50.76	51.13	2.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	58.27	58.76	56.92	57.98	1.64	ppb
Cadmium	106-1	58.62	59.14	57.12	58.29	1.80	ppb
Cadmium	111-1	55.67	56.48	55.40	55.85	1.01	ppb
Calcium	43-1	5340.68	5405.80	5446.86	5397.78	0.99	ppb
Calcium	44-1	5164.85	5198.87	5133.88	5165.87	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.87	51.12	51.42	51.13	0.54	ppb
Cobalt	59-2	51.16	51.70	51.32	51.39	0.54	ppb
Copper	63-2	523.23	531.59	520.16	525.00	1.13	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				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	2604.85	2618.42	2602.11	2608.46	0.33	ppb
Iron	57-2	2673.35	2692.37	2675.30	2680.34	0.39	ppb
Iron	54-2	2744.21	2743.99	2743.51	2743.90	0.01	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	248.02	253.79	260.98	254.26	2.55	ppb
Lead	207-1	251.88	255.10	257.16	254.71	1.04	ppb
Lead	208-1	250.16	252.47	256.50	253.04	1.27	ppb
Lithium	6-1				104		%
Magnesium	24-2	4971.48	5037.55	5095.35	5034.79	1.23	ppb
Manganese	55-2	503.16	509.03	495.50	502.57	1.35	ppb
Molybdenum	94-1	508.64	507.49	507.85	507.99	0.12	ppb
Molybdenum	95-1	506.61	509.02	507.19	507.60	0.25	ppb
Molybdenum	96-1	506.97	514.92	504.36	508.75	1.08	ppb
Molybdenum	97-1	505.46	512.41	500.14	506.00	1.22	ppb
Molybdenum	98-1	505.25	509.31	498.98	504.51	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.20	52.34	52.02	52.19	0.31	ppb
Phosphorus	31-2	1058.45	1012.69	1052.21	1041.12	2.38	ppb
Potassium	39-2	2547.73	2602.53	2566.89	2572.38	1.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	52.32	53.89	52.73	52.98	1.54	ppb
Selenium	77-2	51.23	53.31	52.73	52.42	2.05	ppb
Selenium	78-2	53.54	49.58	55.18	52.77	5.46	ppb
Silicon	28-1	31.53	36.19	36.30	34.67	7.86	ppb
Silver	107-1	56.53	57.50	56.37	56.80	1.08	ppb
Silver	109-1	56.46	57.57	56.73	56.92	1.01	ppb
Sodium	23-2	5017.38	5049.01	5073.92	5046.77	0.56	ppb
Strontium	86-1	1240.83	1263.40	1257.55	1253.93	0.93	ppb
Strontium	88-1	1279.95	1276.62	1276.91	1277.83	0.14	ppb
Sulfur	34-1	1076.27	1173.39	1178.20	1142.62	5.03	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	47.40	47.51	49.23	48.05	2.14	ppb
Thallium	205-1	46.84	47.47	48.71	47.67	2.00	ppb
Tin	118-1	53.09	53.80	53.69	53.53	0.71	ppb
Titanium	47-1	494.47	503.23	502.01	499.90	0.95	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.56	47.29	48.78	47.88	1.65	ppb
Vanadium	51-2	50.23	50.63	50.23	50.36	0.46	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	508.27	514.08	509.02	510.45	0.62	ppb
Zirconium	90-1	49.19	49.81	49.40	49.47	0.64	ppb
Zirconium	91-1	49.75	50.60	50.11	50.15	0.84	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2456.34	2440.94	2450.85	2449.38	0.32	ppb
Antimony	121-1	129.77	132.24	136.49	132.83	2.56	ppb
Arsenic	75-2	129.86	129.22	134.27	131.11	2.10	ppb
Barium	135-1	654.90	663.46	656.28	658.21	0.70	ppb
Barium	137-1	646.57	661.73	646.57	651.63	1.34	ppb
Beryllium	9-1	126.22	123.90	126.42	125.51	1.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.61	141.01	138.24	139.29	1.08	ppb
Cadmium	106-1	139.66	140.56	139.32	139.85	0.46	ppb
Cadmium	111-1	133.50	135.40	134.63	134.51	0.71	ppb
Calcium	43-1	13266.02	13337.37	13368.14	13323.84	0.39	ppb
Calcium	44-1	12577.60	12744.09	12866.45	12729.38	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.92	127.20	127.02	127.38	0.37	ppb
Cobalt	59-2	127.26	127.35	126.79	127.13	0.23	ppb
Copper	63-2	1309.50	1308.44	1299.58	1305.84	0.42	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				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	6646.61	6593.44	6635.26	6625.11	0.42	ppb
Iron	57-2	6781.61	6706.46	6783.09	6757.06	0.65	ppb
Iron	54-2	6792.60	6822.30	6770.77	6795.22	0.38	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	619.04	631.01	623.96	624.67	0.96	ppb
Lead	207-1	628.24	635.21	629.02	630.82	0.61	ppb
Lead	208-1	621.16	628.67	626.48	625.44	0.62	ppb
Lithium	6-1				101		%
Magnesium	24-2	12630.78	12452.83	12498.46	12527.36	0.74	ppb
Manganese	55-2	1275.76	1271.48	1287.75	1278.33	0.66	ppb
Molybdenum	94-1	1241.68	1288.01	1289.46	1273.05	2.13	ppb
Molybdenum	95-1	1240.19	1283.83	1267.98	1264.00	1.75	ppb
Molybdenum	96-1	1250.53	1277.65	1281.50	1269.89	1.33	ppb
Molybdenum	97-1	1246.63	1276.24	1285.76	1269.55	1.61	ppb
Molybdenum	98-1	1235.52	1266.96	1265.58	1256.02	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.47	127.82	130.08	129.12	0.91	ppb
Phosphorus	31-2	2626.31	2556.06	2577.79	2586.72	1.39	ppb
Potassium	39-2	6388.36	6305.27	6324.72	6339.45	0.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	82-1	127.84	130.76	129.75	129.45	1.15	ppb
Selenium	77-2	131.49	131.38	133.91	132.26	1.08	ppb
Selenium	78-2	136.67	135.59	137.52	136.59	0.71	ppb
Silicon	28-1	106.45	109.01	110.32	108.59	1.81	ppb
Silver	107-1	140.87	143.01	139.18	141.02	1.36	ppb
Silver	109-1	140.51	141.86	139.90	140.76	0.71	ppb
Sodium	23-2	12710.92	12569.42	12732.47	12670.94	0.70	ppb
Strontium	86-1	3047.94	3157.09	3135.85	3113.62	1.86	ppb
Strontium	88-1	3122.83	3189.76	3215.27	3175.95	1.50	ppb
Sulfur	34-1	2660.10	2636.13	2636.15	2644.13	0.52	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	118.15	119.01	118.06	118.41	0.44	ppb
Thallium	205-1	124.72	128.91	124.87	126.17	1.89	ppb
Tin	118-1	128.54	130.40	130.77	129.90	0.92	ppb
Titanium	47-1	1259.61	1267.51	1251.15	1259.42	0.65	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.74	122.30	120.98	121.00	1.06	ppb
Vanadium	51-2	125.67	125.21	125.73	125.54	0.23	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	1282.52	1269.71	1279.37	1277.20	0.52	ppb
Zirconium	90-1	124.57	125.42	127.72	125.90	1.29	ppb
Zirconium	91-1	122.46	126.19	125.51	124.72	1.59	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5037.55	4999.23	5017.54	5018.11	0.38	ppb
Antimony	121-1	256.86	260.62	259.50	258.99	0.75	ppb
Arsenic	75-2	253.98	255.81	256.65	255.48	0.53	ppb
Barium	135-1	1272.06	1287.26	1300.30	1286.54	1.10	ppb
Barium	137-1	1253.83	1296.46	1289.24	1279.84	1.78	ppb
Beryllium	9-1	244.56	255.47	256.50	252.17	2.62	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	259.77	266.37	262.66	262.93	1.26	ppb
Cadmium	106-1	262.29	267.55	264.76	264.86	0.99	ppb
Cadmium	111-1	253.13	262.62	259.81	258.52	1.89	ppb
Calcium	43-1	25680.88	26917.02	26797.49	26465.13	2.58	ppb
Calcium	44-1	24722.83	25905.58	25617.22	25415.21	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.76	254.35	253.44	253.85	0.18	ppb
Cobalt	59-2	261.42	261.63	258.00	260.35	0.78	ppb
Copper	63-2	2585.68	2597.93	2582.72	2588.78	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				97		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	13255.88	13347.84	13289.18	13297.63	0.35	ppb
Iron	57-2	13268.80	13445.33	13462.74	13392.29	0.80	ppb
Iron	54-2	13483.42	13697.29	13467.89	13549.53	0.95	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1241.36	1241.67	1265.98	1249.67	1.13	ppb
Lead	207-1	1251.27	1260.14	1271.90	1261.10	0.82	ppb
Lead	208-1	1240.18	1252.75	1264.17	1252.37	0.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	25348.34	25009.91	25117.26	25158.51	0.69	ppb
Manganese	55-2	2556.06	2583.23	2550.98	2563.42	0.68	ppb
Molybdenum	94-1	2469.06	2546.59	2560.19	2525.28	1.95	ppb
Molybdenum	95-1	2451.32	2553.27	2529.63	2511.41	2.12	ppb
Molybdenum	96-1	2450.48	2558.94	2517.33	2508.91	2.18	ppb
Molybdenum	97-1	2459.62	2540.59	2512.81	2504.34	1.64	ppb
Molybdenum	98-1	2443.81	2517.55	2501.44	2487.60	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.65	255.38	253.56	253.86	0.55	ppb
Phosphorus	31-2	5197.91	5132.10	5054.76	5128.26	1.40	ppb
Potassium	39-2	12446.59	12642.56	12533.83	12540.99	0.78	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				81		%
Selenium	82-1	250.95	263.33	261.60	258.63	2.59	ppb
Selenium	77-2	266.61	261.32	263.26	263.73	1.01	ppb
Selenium	78-2	255.14	264.57	259.49	259.73	1.82	ppb
Silicon	28-1	228.75	245.85	251.18	241.93	4.84	ppb
Silver	107-1	262.00	266.99	261.98	263.66	1.10	ppb
Silver	109-1	265.68	268.53	269.39	267.87	0.72	ppb
Sodium	23-2	25695.19	25550.49	25421.82	25555.84	0.54	ppb
Strontium	86-1	5990.74	6218.91	6214.46	6141.37	2.12	ppb
Strontium	88-1	6148.13	6383.44	6360.42	6297.33	2.06	ppb
Sulfur	34-1	4945.57	5387.12	5280.43	5204.37	4.43	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	248.27	250.15	254.38	250.93	1.25	ppb
Thallium	205-1	245.94	249.52	251.23	248.90	1.09	ppb
Tin	118-1	254.27	260.48	256.08	256.95	1.24	ppb
Titanium	47-1	2386.17	2501.29	2554.60	2480.69	3.47	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	238.82	248.99	248.93	245.58	2.38	ppb
Vanadium	51-2	250.14	251.63	249.36	250.37	0.46	ppb
Yttrium	89-1				89		%
Yttrium	89-2				86		%
Zinc	66-2	2640.70	2590.24	2654.85	2628.60	1.29	ppb
Zirconium	90-1	243.57	250.55	256.02	250.05	2.50	ppb
Zirconium	91-1	240.53	250.23	249.85	246.87	2.22	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9812.65	10131.76	9975.77	9973.40	1.60	ppb
Antimony	121-1	497.93	509.65	508.77	505.45	1.29	ppb
Arsenic	75-2	508.95	504.41	502.51	505.29	0.66	ppb
Barium	135-1	2523.68	2549.37	2543.18	2538.74	0.53	ppb
Barium	137-1	2513.04	2544.23	2539.05	2532.11	0.66	ppb
Beryllium	9-1	489.94	507.19	486.87	494.67	2.21	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.30	516.86	508.08	509.74	1.26	ppb
Cadmium	106-1	516.43	514.55	518.12	516.37	0.35	ppb
Cadmium	111-1	511.24	516.17	512.64	513.35	0.50	ppb
Calcium	43-1	52227.42	51429.77	51486.82	51714.67	0.86	ppb
Calcium	44-1	51037.46	51386.04	51129.51	51184.34	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.77	510.37	513.46	511.20	0.39	ppb
Cobalt	59-2	509.24	513.42	514.53	512.40	0.54	ppb
Copper	63-2	5086.06	5148.08	5121.59	5118.58	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				97		%
Holmium	165-2				99		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	26303.84	26443.44	26263.28	26336.85	0.36	ppb
Iron	57-2	26350.64	26595.73	26357.11	26434.49	0.53	ppb
Iron	54-2	26574.59	26866.70	26641.62	26694.30	0.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2532.27	2544.18	2507.57	2528.01	0.74	ppb
Lead	207-1	2510.06	2521.56	2507.83	2513.15	0.29	ppb
Lead	208-1	2513.97	2525.08	2504.58	2514.54	0.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	49730.06	50660.85	50283.42	50224.78	0.93	ppb
Manganese	55-2	5047.86	5098.38	5054.60	5066.95	0.54	ppb
Molybdenum	94-1	5051.74	5068.41	5058.03	5059.39	0.17	ppb
Molybdenum	95-1	5064.40	5043.48	5062.84	5056.91	0.23	ppb
Molybdenum	96-1	5058.84	5067.74	5060.91	5062.50	0.09	ppb
Molybdenum	97-1	5035.62	5045.38	5039.53	5040.18	0.10	ppb
Molybdenum	98-1	5009.81	5008.46	5052.68	5023.65	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.37	500.20	497.51	499.69	0.40	ppb
Phosphorus	31-2	10098.25	10161.39	10187.83	10149.15	0.45	ppb
Potassium	39-2	25008.05	25057.41	25270.31	25111.92	0.56	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				82		%
Scandium	45-2				80		%
Selenium	82-1	508.20	510.30	512.23	510.24	0.40	ppb
Selenium	77-2	513.84	524.74	500.39	512.99	2.38	ppb
Selenium	78-2	509.83	506.15	514.46	510.15	0.82	ppb
Silicon	28-1	492.70	511.36	512.82	505.62	2.22	ppb
Silver	107-1	507.76	521.39	516.17	515.11	1.33	ppb
Silver	109-1	509.70	515.52	513.93	513.05	0.59	ppb
Sodium	23-2	50419.92	51195.42	50811.90	50809.08	0.76	ppb
Strontium	86-1	12595.63	12586.21	12530.21	12570.68	0.28	ppb
Strontium	88-1	12578.58	12680.47	12691.83	12650.30	0.49	ppb
Sulfur	34-1	9973.50	10144.21	10153.71	10090.48	1.01	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	504.46	512.34	504.69	507.16	0.88	ppb
Thallium	205-1	502.70	506.35	496.23	501.76	1.02	ppb
Tin	118-1	508.18	511.71	512.77	510.89	0.47	ppb
Titanium	47-1	4985.26	5019.75	4983.74	4996.25	0.41	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	492.86	500.61	499.22	497.56	0.83	ppb
Vanadium	51-2	510.83	509.34	505.82	508.66	0.51	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%
Zinc	66-2	5150.32	5200.89	5164.00	5171.74	0.51	ppb
Zirconium	90-1	500.58	504.52	506.57	503.89	0.60	ppb
Zirconium	91-1	495.91	498.39	508.87	501.06	1.37	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19402.20	19267.19	19462.30	19377.23	0.52	ppb
Antimony	121-1	977.58	1003.42	1000.71	993.90	1.43	ppb
Arsenic	75-2	986.38	1004.51	994.17	995.02	0.91	ppb
Barium	135-1	4891.31	5018.55	4990.96	4966.94	1.35	ppb
Barium	137-1	4858.67	5053.90	5004.73	4972.43	2.04	ppb
Beryllium	9-1	1001.85	1010.15	994.00	1002.00	0.81	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	969.73	1007.14	992.26	989.71	1.90	ppb
Cadmium	106-1	967.47	1000.53	989.48	985.83	1.71	ppb
Cadmium	111-1	973.81	992.79	1002.55	989.71	1.48	ppb
Calcium	43-1	101287.23	100520.32	103336.61	101714.72	1.43	ppb
Calcium	44-1	101472.81	101306.97	101776.24	101518.68	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	997.24	998.38	983.63	993.08	0.83	ppb
Cobalt	59-2	979.02	995.95	997.67	990.88	1.04	ppb
Copper	63-2	9882.82	9945.12	9902.93	9910.29	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				98		%
Holmium	165-2				100		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	51267.88	51951.32	51484.18	51567.79	0.68	ppb
Iron	57-2	51392.55	51544.94	51197.55	51378.34	0.34	ppb
Iron	54-2	52019.77	52247.21	52160.56	52142.52	0.22	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4972.36	4980.11	5005.25	4985.91	0.34	ppb
Lead	207-1	4968.32	4986.97	5013.77	4989.69	0.46	ppb
Lead	208-1	4997.19	4980.60	4998.01	4991.93	0.20	ppb
Lithium	6-1				95		%
Magnesium	24-2	96351.89	98853.02	96820.06	97341.66	1.37	ppb
Manganese	55-2	9892.35	10020.15	9928.50	9947.00	0.66	ppb
Molybdenum	94-1	9835.50	10076.38	9970.24	9960.71	1.21	ppb
Molybdenum	95-1	9808.75	10083.74	10007.20	9966.56	1.42	ppb
Molybdenum	96-1	9879.47	10032.76	9978.57	9963.60	0.78	ppb
Molybdenum	97-1	9867.58	10073.59	9987.08	9976.08	1.04	ppb
Molybdenum	98-1	9908.68	10086.12	9976.10	9990.30	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.52	1016.44	985.73	998.56	1.60	ppb
Phosphorus	31-2	19934.89	19954.02	19752.47	19880.46	0.56	ppb
Potassium	39-2	48646.49	49403.38	48910.46	48986.78	0.78	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				82		%
Scandium	45-2				81		%
Selenium	82-1	985.63	999.28	991.14	992.02	0.69	ppb
Selenium	77-2	991.36	983.33	992.43	989.04	0.50	ppb
Selenium	78-2	997.42	988.06	987.22	990.90	0.57	ppb
Silicon	28-1	987.13	999.52	1020.00	1002.22	1.66	ppb
Silver	107-1	972.24	998.07	989.75	986.69	1.34	ppb
Silver	109-1	973.16	994.81	992.11	986.69	1.20	ppb
Sodium	23-2	97973.01	99701.57	98407.14	98693.90	0.91	ppb
Strontium	86-1	24662.44	25404.19	24912.50	24993.04	1.51	ppb
Strontium	88-1	24685.61	25098.01	24932.15	24905.26	0.83	ppb
Sulfur	34-1	19920.27	19793.90	19921.39	19878.52	0.37	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	989.02	995.51	1006.80	997.11	0.90	ppb
Thallium	205-1	994.92	997.39	1005.79	999.37	0.57	ppb
Tin	118-1	976.18	1002.07	997.83	992.03	1.40	ppb
Titanium	47-1	10051.51	9997.49	9967.59	10005.53	0.43	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1002.19	1001.84	1004.76	1002.93	0.16	ppb
Vanadium	51-2	996.85	1002.70	986.92	995.49	0.80	ppb
Yttrium	89-1				86		%
Yttrium	89-2				86		%
Zinc	66-2	9921.60	9909.73	9802.84	9878.06	0.66	ppb
Zirconium	90-1	990.46	1009.12	994.30	997.96	0.99	ppb
Zirconium	91-1	989.04	1006.65	1005.16	1000.28	0.98	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100691.36	99429.42	100262.65	100127.81	0.64	ppb
Antimony	121-1	0.61	0.53	0.47	0.54	12.51	ppb
Arsenic	75-2	0.50	0.53	0.51	0.51	2.66	ppb
Barium	135-1	2.61	2.33	2.18	2.37	9.08	ppb
Barium	137-1	2.54	2.31	2.18	2.35	7.76	ppb
Beryllium	9-1	0.32	0.25	0.25	0.27	13.27	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.47	0.46	0.45	5.53	ppb
Cadmium	106-1	0.42	-0.21	0.33	0.18	188.86	ppb
Cadmium	111-1	0.24	0.16	0.18	0.19	21.02	ppb
Calcium	43-1	492569.67	500551.57	505041.86	499387.70	1.26	ppb
Calcium	44-1	488062.03	502260.96	508325.87	499549.62	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.60	1.27	1.33	1.40	12.38	ppb
Cobalt	59-2	2.55	2.62	2.53	2.56	1.88	ppb
Copper	63-2	1.57	1.49	1.47	1.51	3.54	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				97		%
Holmium	165-2				98		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	56-2	249637.27	247984.15	250885.82	249502.41	0.58	ppb
Iron	57-2	248707.61	248504.92	251352.83	249521.79	0.64	ppb
Iron	54-2	248692.59	248749.81	250558.15	249333.52	0.43	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.70	1.51	1.33	1.52	12.19	ppb
Lead	207-1	1.76	1.45	1.35	1.52	14.09	ppb
Lead	208-1	1.70	1.48	1.32	1.50	12.51	ppb
Lithium	6-1				94		%
Magnesium	24-2	500298.41	498751.61	502450.60	500500.21	0.37	ppb
Manganese	55-2	4.45	4.41	4.21	4.36	2.86	ppb
Molybdenum	94-1	3.40	2.95	2.44	2.93	16.37	ppb
Molybdenum	95-1	2.54	1.96	1.59	2.03	23.42	ppb
Molybdenum	96-1	3.97	3.36	3.11	3.48	12.69	ppb
Molybdenum	97-1	2.46	1.85	1.66	1.99	20.96	ppb
Molybdenum	98-1	2.38	1.88	1.56	1.94	21.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.74	3.72	3.72	3.73	0.29	ppb
Phosphorus	31-2	-1.88	-5.72	-6.16	-4.59		ppb
Potassium	39-2	250991.46	249142.62	250424.99	250186.36	0.38	ppb
Rhodium	103-1				78		%
Rhodium	103-2				82		%
Scandium	45-1				84		%
Scandium	45-2				87		%
Selenium	82-1	0.92	0.76	0.76	0.81	11.19	ppb
Selenium	77-2	0.39	0.06	0.22	0.22	72.47	ppb
Selenium	78-2	-1.32	-0.83	-0.67	-0.94		ppb
Silicon	28-1	-52.38	-52.44	-53.31	-52.71		ppb
Silver	107-1	0.26	0.21	0.17	0.21	20.09	ppb
Silver	109-1	0.25	0.21	0.17	0.21	19.60	ppb
Sodium	23-2	500100.33	499122.14	501220.89	500147.78	0.21	ppb
Strontium	86-1	77.54	76.93	74.36	76.28	2.21	ppb
Strontium	88-1	74.09	74.80	75.22	74.71	0.77	ppb
Sulfur	34-1	-356.45	-264.88	-44.18	-221.84		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.20	0.15	0.12	0.15	27.31	ppb
Thallium	205-1	0.21	0.17	0.11	0.16	30.09	ppb
Tin	118-1	0.33	0.29	0.22	0.28	18.85	ppb
Titanium	47-1	2.31	1.70	1.54	1.85	21.95	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.14	0.11	0.15	27.86	ppb
Vanadium	51-2	0.22	0.18	0.18	0.20	11.26	ppb
Yttrium	89-1				86		%
Yttrium	89-2				89		%
Zinc	66-2	9.69	10.01	10.02	9.91	1.88	ppb
Zirconium	90-1	0.69	0.62	0.61	0.64	6.46	ppb
Zirconium	91-1	0.69	0.65	0.58	0.64	8.12	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	494.47	488.55	490.74	491.25	0.61	ppb
Antimony	121-1	215.67	223.83	220.21	219.90	1.86	ppb
Arsenic	75-2	218.27	218.41	219.34	218.67	0.26	ppb
Barium	135-1	103.81	106.58	104.80	105.06	1.34	ppb
Barium	137-1	104.20	106.64	106.70	105.85	1.35	ppb
Beryllium	9-1	104.33	108.32	103.51	105.39	2.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	101.77	102.35	100.89	101.67	0.73	ppb
Cadmium	106-1	97.49	101.52	99.54	99.51	2.02	ppb
Cadmium	111-1	108.37	110.74	110.17	109.76	1.13	ppb
Calcium	43-1	2144.50	2131.98	2116.67	2131.05	0.65	ppb
Calcium	44-1	2017.79	2053.87	1996.21	2022.62	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.60	105.33	105.65	105.52	0.16	ppb
Cobalt	59-2	106.13	105.23	106.18	105.85	0.51	ppb
Copper	63-2	102.41	101.80	101.83	102.02	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				101		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	2122.03	2105.29	2128.39	2118.57	0.56	ppb
Iron	57-2	2158.55	2154.76	2136.07	2149.79	0.56	ppb
Iron	54-2	2254.38	2244.04	2246.25	2248.22	0.24	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	212.75	215.39	210.55	212.90	1.14	ppb
Lead	207-1	201.53	198.39	200.13	200.02	0.79	ppb
Lead	208-1	207.06	205.58	206.83	206.49	0.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	1175.53	1169.02	1168.49	1171.01	0.34	ppb
Manganese	55-2	103.22	102.29	102.78	102.76	0.45	ppb
Molybdenum	94-1	-0.12	-0.12	-0.14	-0.13		ppb
Molybdenum	95-1	-0.18	-0.16	-0.17	-0.17		ppb
Molybdenum	96-1	-0.16	-0.14	-0.15	-0.15		ppb
Molybdenum	97-1	-0.19	0.31	-0.19	-0.02		ppb
Molybdenum	98-1	-0.16	0.67	-0.16	0.11	418.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.35	107.39	108.93	108.22	0.71	ppb
Phosphorus	31-2	-17.01	-16.38	-14.28	-15.89		ppb
Potassium	39-2	2011.79	2000.89	1992.25	2001.65	0.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	212.70	214.46	213.73	213.63	0.41	ppb
Selenium	77-2	212.39	235.81	231.02	226.41	5.46	ppb
Selenium	78-2	221.90	224.47	226.16	224.18	0.96	ppb
Silicon	28-1	-76.11	-76.74	-78.42	-77.09		ppb
Silver	107-1	53.20	55.01	54.55	54.26	1.73	ppb
Silver	109-1	54.18	56.04	55.09	55.10	1.69	ppb
Sodium	23-2	2035.11	2033.90	1987.57	2018.86	1.34	ppb
Strontium	86-1	5.96	6.42	6.18	6.19	3.69	ppb
Strontium	88-1	5.95	6.04	6.03	6.01	0.79	ppb
Sulfur	34-1	95.96	98.58	-17.06	59.16	111.60	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	204.50	210.51	207.44	207.49	1.45	ppb
Thallium	205-1	207.09	209.40	207.17	207.89	0.63	ppb
Tin	118-1	0.11	0.13	0.11	0.11	8.31	ppb
Titanium	47-1	-0.19	-0.19	-0.20	-0.19		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.02	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	102.03	101.72	101.62	101.79	0.21	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	204.53	203.31	204.25	204.03	0.31	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	134.92	ppb
Zirconium	91-1	0.07	0.05	0.06	0.06	12.50	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.42	-1.41	-1.36	-1.40		ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	-0.03	-0.02	-0.03	-0.03		ppb
Barium	135-1	-0.11	-0.10	-0.11	-0.11		ppb
Barium	137-1	-0.10	-0.11	-0.10	-0.11		ppb
Beryllium	9-1	-0.04	-0.04	-0.03	-0.04		ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	-0.04	-0.04	-0.04		ppb
Cadmium	106-1	0.44	0.83	0.26	0.51	57.15	ppb
Cadmium	111-1	0.01	0.04	0.00	0.02	109.75	ppb
Calcium	43-1	-11.26	-9.27	-8.91	-9.81		ppb
Calcium	44-1	-11.48	-12.18	-12.02	-11.90		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.03	-0.05	-0.04		ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	-0.20	-0.20	-0.20	-0.20		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				102		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	-5.51	-5.47	-5.57	-5.52		ppb
Iron	57-2	-7.09	-6.47	-6.33	-6.63		ppb
Iron	54-2	-5.29	-5.38	-5.75	-5.47		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.08	-0.09	-0.09	-0.09		ppb
Lead	207-1	-0.09	-0.08	-0.08	-0.08		ppb
Lead	208-1	-0.09	-0.09	-0.09	-0.09		ppb
Lithium	6-1				105		%
Magnesium	24-2	-10.15	-10.16	-9.95	-10.09		ppb
Manganese	55-2	-0.22	-0.21	-0.21	-0.21		ppb
Molybdenum	94-1	-0.20	-0.20	-0.20	-0.20		ppb
Molybdenum	95-1	-0.19	-0.20	-0.20	-0.20		ppb
Molybdenum	96-1	-0.19	-0.20	-0.20	-0.20		ppb
Molybdenum	97-1	-0.21	-0.21	-0.21	-0.21		ppb
Molybdenum	98-1	-0.19	-0.19	-0.19	-0.19		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.01	-0.04	-0.03		ppb
Phosphorus	31-2	-17.78	-16.65	-15.97	-16.80		ppb
Potassium	39-2	-9.81	-8.74	-9.21	-9.25		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.11	-0.03	-0.09	0.00		ppb
Selenium	77-2	0.05	-0.10	0.05	0.00		ppb
Selenium	78-2	0.38	0.17	-0.49	0.02	2208.72	ppb
Silicon	28-1	-77.24	-76.11	-75.37	-76.24		ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.02	-0.01		ppb
Sodium	23-2	-4.88	-5.60	-5.56	-5.35		ppb
Strontium	86-1	-0.24	-0.59	-0.26	-0.36		ppb
Strontium	88-1	-0.49	-0.51	-0.45	-0.48		ppb
Sulfur	34-1	78.89	99.84	131.76	103.49	25.72	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	-0.21	-0.21	-0.22	-0.21		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	0.31	0.32	0.32	0.32	0.64	ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94552.04	94183.12	94541.48	94425.55	0.22	ppb
Antimony	121-1	1.14	1.18	1.18	1.17	1.71	ppb
Arsenic	75-2	0.34	0.38	0.31	0.34	10.27	ppb
Barium	135-1	1.33	1.33	1.33	1.33	0.27	ppb
Barium	137-1	1.30	1.40	1.37	1.36	3.80	ppb
Beryllium	9-1	0.24	0.25	0.26	0.25	5.42	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.82	9.78	9.50	9.70	1.80	ppb
Cadmium	106-1	-0.35	-0.31	-1.11	-0.59		ppb
Cadmium	111-1	0.39	0.29	0.30	0.32	17.83	ppb
Calcium	43-1	101548.36	104813.63	102776.28	103046.09	1.60	ppb
Calcium	44-1	101280.90	104144.00	102278.78	102567.89	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.15	20.89	20.55	20.87	1.44	ppb
Cobalt	59-2	1.24	1.29	1.26	1.26	2.18	ppb
Copper	63-2	7.11	7.27	7.15	7.18	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				103		%
Holmium	165-2				104		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	107327.98	107050.93	107226.24	107201.71	0.13	ppb
Iron	57-2	107017.11	106301.69	107170.63	106829.81	0.43	ppb
Iron	54-2	107373.65	107304.55	106912.06	107196.75	0.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.74	5.36	5.32	5.47	4.26	ppb
Lead	207-1	5.21	4.92	4.73	4.95	4.88	ppb
Lead	208-1	5.37	5.07	4.89	5.11	4.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	100262.28	100957.91	99596.16	100272.11	0.68	ppb
Manganese	55-2	7.98	7.91	7.83	7.91	0.95	ppb
Molybdenum	94-1	1648.85	1677.31	1658.03	1661.40	0.87	ppb
Molybdenum	95-1	2000.37	2045.14	2023.26	2022.92	1.11	ppb
Molybdenum	96-1	1984.75	2003.13	1998.41	1995.43	0.48	ppb
Molybdenum	97-1	1988.99	2012.14	2020.85	2007.33	0.82	ppb
Molybdenum	98-1	1977.92	2040.29	2004.80	2007.67	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.61	5.52	5.48	5.54	1.20	ppb
Phosphorus	31-2	103718.56	106508.47	104355.13	104860.72	1.39	ppb
Potassium	39-2	100901.29	100095.10	100227.36	100407.92	0.43	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	82-1	0.17	0.48	0.03	0.23	99.29	ppb
Selenium	77-2	-0.10	0.21	0.06	0.06	270.04	ppb
Selenium	78-2	-1.97	-1.12	-1.05	-1.38		ppb
Silicon	28-1	-70.56	-69.95	-72.15	-70.89		ppb
Silver	107-1	0.04	0.04	0.02	0.03	24.92	ppb
Silver	109-1	0.05	0.02	0.03	0.03	33.66	ppb
Sodium	23-2	101947.43	102084.94	101658.52	101896.96	0.21	ppb
Strontium	86-1	851.11	882.41	870.91	868.14	1.82	ppb
Strontium	88-1	853.01	875.13	872.80	866.98	1.40	ppb
Sulfur	34-1	105299.84	105070.99	104514.83	104961.89	0.38	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.19	0.19	0.18	11.94	ppb
Thallium	205-1	0.16	0.19	0.19	0.18	10.53	ppb
Tin	118-1	0.50	0.51	0.41	0.47	11.63	ppb
Titanium	47-1	2028.04	2101.90	2060.02	2063.32	1.80	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	128.37	ppb
Vanadium	51-2	0.17	0.18	0.16	0.17	5.33	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	13.95	14.75	14.90	14.53	3.50	ppb
Zirconium	90-1	0.06	0.08	0.07	0.07	8.00	ppb
Zirconium	91-1	0.07	0.08	0.08	0.07	9.33	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102331.15	100782.21	101771.04	101628.13	0.77	ppb
Antimony	121-1	21.53	21.85	22.00	21.79	1.09	ppb
Arsenic	75-2	21.92	21.86	21.30	21.69	1.58	ppb
Barium	135-1	21.23	21.53	22.04	21.60	1.90	ppb
Barium	137-1	21.45	21.74	21.83	21.67	0.92	ppb
Beryllium	9-1	20.55	21.44	21.41	21.14	2.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.20	28.45	28.17	27.94	2.36	ppb
Cadmium	106-1	17.25	17.33	18.00	17.53	2.37	ppb
Cadmium	111-1	19.84	20.04	20.47	20.11	1.60	ppb
Calcium	43-1	109935.52	110750.48	111647.48	110777.83	0.77	ppb
Calcium	44-1	109190.12	111030.77	111335.67	110518.85	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.33	42.68	42.67	42.90	0.88	ppb
Cobalt	59-2	21.97	21.68	21.69	21.78	0.77	ppb
Copper	63-2	27.12	26.95	26.97	27.01	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				104		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	115772.80	114420.50	113665.28	114619.52	0.93	ppb
Iron	57-2	115162.20	112556.38	113858.91	113859.16	1.14	ppb
Iron	54-2	116224.37	113785.58	114610.79	114873.58	1.08	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.44	25.81	25.59	25.61	0.72	ppb
Lead	207-1	24.11	24.32	24.37	24.26	0.56	ppb
Lead	208-1	24.43	24.67	24.53	24.54	0.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	107850.86	106723.57	107919.17	107497.87	0.62	ppb
Manganese	55-2	29.23	28.79	28.99	29.01	0.75	ppb
Molybdenum	94-1	1749.43	1804.17	1793.30	1782.30	1.63	ppb
Molybdenum	95-1	2111.25	2162.44	2201.78	2158.49	2.10	ppb
Molybdenum	96-1	2091.27	2146.68	2153.26	2130.40	1.60	ppb
Molybdenum	97-1	2120.69	2181.03	2164.95	2155.55	1.45	ppb
Molybdenum	98-1	2133.13	2178.47	2165.00	2158.86	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.31	26.32	26.27	26.30	0.10	ppb
Phosphorus	31-2	113174.88	112504.38	111563.25	112414.17	0.72	ppb
Potassium	39-2	109109.84	106933.90	106865.35	107636.36	1.19	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	19.22	20.14	19.78	19.72	2.36	ppb
Selenium	77-2	21.64	21.14	22.90	21.89	4.15	ppb
Selenium	78-2	20.07	20.67	19.11	19.95	3.95	ppb
Silicon	28-1	-67.61	-65.74	-65.22	-66.19		ppb
Silver	107-1	18.99	19.24	19.46	19.23	1.23	ppb
Silver	109-1	19.48	19.47	19.92	19.62	1.32	ppb
Sodium	23-2	109606.90	107659.77	109861.29	109042.65	1.10	ppb
Strontium	86-1	920.57	946.83	937.03	934.81	1.42	ppb
Strontium	88-1	913.52	938.70	943.65	931.95	1.73	ppb
Sulfur	34-1	113371.04	111591.14	110940.26	111967.48	1.12	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	20.39	20.58	20.77	20.58	0.93	ppb
Thallium	205-1	20.32	20.47	20.44	20.41	0.39	ppb
Tin	118-1	0.19	0.19	0.19	0.19	1.63	ppb
Titanium	47-1	2155.19	2224.40	2231.65	2203.75	1.92	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	22.13	ppb
Vanadium	51-2	20.67	20.39	20.54	20.53	0.68	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	33.11	32.98	32.92	33.00	0.28	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	18.65	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	11.11	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52044.92	51290.40	51345.05	51560.12	0.82	ppb
Antimony	121-1	502.36	519.66	510.27	510.76	1.70	ppb
Arsenic	75-2	528.71	529.01	533.62	530.44	0.52	ppb
Barium	135-1	2534.30	2629.47	2557.14	2573.64	1.93	ppb
Barium	137-1	2534.57	2618.60	2580.70	2577.96	1.63	ppb
Beryllium	9-1	490.07	486.53	505.29	493.96	2.02	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	509.48	521.49	514.52	515.17	1.17	ppb
Cadmium	106-1	506.22	524.28	517.09	515.86	1.76	ppb
Cadmium	111-1	507.39	534.55	518.41	520.12	2.63	ppb
Calcium	43-1	255142.37	257085.25	259146.41	257124.68	0.78	ppb
Calcium	44-1	256206.87	257514.80	258309.91	257343.86	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.01	511.99	508.80	509.60	0.41	ppb
Cobalt	59-2	492.66	500.81	499.00	497.49	0.86	ppb
Copper	63-2	4847.30	4836.89	4876.33	4853.50	0.42	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				102		%
Holmium	165-2				101		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	129982.76	129360.55	129980.37	129774.56	0.28	ppb
Iron	57-2	131036.90	130503.28	129545.94	130362.04	0.58	ppb
Iron	54-2	131086.76	130556.20	131598.05	131080.34	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2582.84	2610.28	2683.16	2625.43	1.97	ppb
Lead	207-1	2580.29	2628.23	2644.42	2617.65	1.27	ppb
Lead	208-1	2569.37	2613.95	2640.03	2607.78	1.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	258942.97	254249.02	258604.41	257265.47	1.02	ppb
Manganese	55-2	4989.86	5003.26	4994.40	4995.84	0.14	ppb
Molybdenum	94-1	5097.56	5267.30	5136.45	5167.10	1.72	ppb
Molybdenum	95-1	5054.27	5231.36	5102.67	5129.43	1.78	ppb
Molybdenum	96-1	5080.72	5288.37	5207.31	5192.13	2.02	ppb
Molybdenum	97-1	5103.99	5250.05	5110.84	5154.96	1.60	ppb
Molybdenum	98-1	5005.38	5240.87	5103.46	5116.57	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.87	477.30	475.82	477.33	0.32	ppb
Phosphorus	31-2	10268.99	10129.03	10139.06	10179.03	0.77	ppb
Potassium	39-2	126832.57	126974.03	127712.11	127172.90	0.37	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	503.93	519.19	515.35	512.82	1.55	ppb
Selenium	77-2	515.40	515.60	521.76	517.59	0.70	ppb
Selenium	78-2	521.76	520.06	519.71	520.51	0.21	ppb
Silicon	28-1	456.60	472.57	488.43	472.53	3.37	ppb
Silver	107-1	518.18	533.71	525.73	525.88	1.48	ppb
Silver	109-1	515.19	534.73	526.74	525.55	1.87	ppb
Sodium	23-2	252777.79	253623.57	254194.87	253532.08	0.28	ppb
Strontium	86-1	12711.91	13003.27	12793.96	12836.38	1.17	ppb
Strontium	88-1	12539.57	12984.48	12886.06	12803.37	1.83	ppb
Sulfur	34-1	9482.04	9638.72	9813.00	9644.59	1.72	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	523.86	528.84	538.61	530.44	1.41	ppb
Thallium	205-1	524.77	522.77	538.37	528.64	1.61	ppb
Tin	118-1	506.48	522.79	520.98	516.75	1.73	ppb
Titanium	47-1	4992.39	5064.12	5088.52	5048.35	0.99	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	530.77	539.75	538.20	536.24	0.90	ppb
Vanadium	51-2	512.86	515.18	519.66	515.90	0.67	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	4785.80	4789.56	4783.87	4786.41	0.06	ppb
Zirconium	90-1	504.43	519.40	508.50	510.78	1.52	ppb
Zirconium	91-1	501.31	529.66	518.84	516.60	2.77	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.85	0.92	1.39	33.47	ppb
Antimony	121-1	0.23	0.19	0.16	0.19	17.97	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	60.48	ppb
Barium	135-1	0.31	0.23	0.15	0.23	33.36	ppb
Barium	137-1	0.35	0.22	0.15	0.24	42.06	ppb
Beryllium	9-1	0.13	0.10	0.09	0.10	17.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.05	0.09	0.08	33.09	ppb
Cadmium	106-1	-0.21	-0.03	0.30	0.02	1093.13	ppb
Cadmium	111-1	0.06	0.05	0.06	0.05	10.24	ppb
Calcium	43-1	34.29	20.96	14.40	23.22	43.66	ppb
Calcium	44-1	34.67	22.09	15.29	24.02	40.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.04	0.04	15.47	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	37.40	ppb
Copper	63-2	0.27	0.20	0.15	0.21	28.17	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				101		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	5.57	4.36	2.99	4.30	29.98	ppb
Iron	57-2	3.70	2.74	1.55	2.66	40.45	ppb
Iron	54-2	5.02	3.90	3.39	4.10	20.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.40	0.31	0.23	0.31	27.72	ppb
Lead	207-1	0.43	0.30	0.21	0.31	34.95	ppb
Lead	208-1	0.41	0.30	0.22	0.31	31.08	ppb
Lithium	6-1				99		%
Magnesium	24-2	8.20	5.57	3.04	5.60	46.06	ppb
Manganese	55-2	0.15	0.10	0.07	0.11	39.01	ppb
Molybdenum	94-1	0.83	0.58	0.41	0.61	34.35	ppb
Molybdenum	95-1	0.77	0.53	0.38	0.56	35.40	ppb
Molybdenum	96-1	0.78	0.55	0.36	0.56	37.21	ppb
Molybdenum	97-1	0.74	0.55	0.37	0.55	33.00	ppb
Molybdenum	98-1	0.77	0.55	0.38	0.56	34.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	12.83	ppb
Phosphorus	31-2	-14.49	-17.32	-15.15	-15.65		ppb
Potassium	39-2	0.65	0.64	-0.40	0.30	202.57	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	0.18	0.04	-0.04	0.06	185.67	ppb
Selenium	77-2	-0.10	-0.10	0.21	0.01	3201.97	ppb
Selenium	78-2	-0.92	-0.55	-1.34	-0.94		ppb
Silicon	28-1	-80.12	-80.83	-82.05	-81.00		ppb
Silver	107-1	0.11	0.08	0.05	0.08	34.88	ppb
Silver	109-1	0.11	0.08	0.05	0.08	32.31	ppb
Sodium	23-2	37.45	34.58	31.97	34.67	7.90	ppb
Strontium	86-1	2.29	1.55	1.50	1.78	24.90	ppb
Strontium	88-1	1.70	1.04	0.74	1.16	42.20	ppb
Sulfur	34-1	-262.57	-205.47	-280.94	-249.66		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.16	0.11	0.10	0.13	24.43	ppb
Thallium	205-1	0.17	0.13	0.11	0.14	21.07	ppb
Tin	118-1	0.09	0.06	0.05	0.07	25.04	ppb
Titanium	47-1	0.70	0.47	0.23	0.47	50.01	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.04	0.03	0.04	36.53	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	43.27	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	0.39	0.29	0.20	0.29	32.65	ppb
Zirconium	90-1	0.10	0.07	0.05	0.07	33.73	ppb
Zirconium	91-1	0.09	0.08	0.05	0.07	31.86	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.14	-0.15	0.02	998.81	ppb
Antimony	121-1	0.03	0.02	0.03	0.02	7.75	ppb
Arsenic	75-2	0.00	0.01	-0.02	0.00		ppb
Barium	135-1	0.00	0.01	-0.02	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	-0.03	0.00	-0.03	-0.02		ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.04	-0.05	-0.03		ppb
Cadmium	106-1	0.30	0.68	0.22	0.40	62.03	ppb
Cadmium	111-1	0.02	0.05	0.01	0.03	67.14	ppb
Calcium	43-1	-0.42	0.11	-1.30	-0.54		ppb
Calcium	44-1	-1.95	-1.29	-2.17	-1.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.00	0.00	993.29	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.08	0.09	0.08	10.29	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				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	0.42	0.42	0.35	0.40	10.32	ppb
Iron	57-2	-1.66	-0.96	-1.50	-1.37		ppb
Iron	54-2	0.28	-0.45	0.20	0.01	4165.97	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.06	0.05	0.05	10.80	ppb
Lead	207-1	0.05	0.05	0.06	0.05	9.77	ppb
Lead	208-1	0.04	0.05	0.05	0.05	8.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.84	0.14	0.47	0.48	72.13	ppb
Manganese	55-2	-0.01	0.01	-0.03	-0.01		ppb
Molybdenum	94-1	0.05	0.03	0.04	0.04	28.78	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	68.79	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	24.81	ppb
Molybdenum	97-1	0.00	0.02	0.00	0.00	229.22	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	15.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.00	204.17	ppb
Phosphorus	31-2	-14.77	-15.43	-13.21	-14.47		ppb
Potassium	39-2	-1.60	-1.61	-2.62	-1.94		ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	-0.11	0.17	-0.23	-0.06		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.61	-1.30	-0.37	-0.76		ppb
Silicon	28-1	-83.57	-81.96	-83.76	-83.10		ppb
Silver	107-1	0.01	0.01	0.02	0.01	18.59	ppb
Silver	109-1	0.01	0.01	0.00	0.01	38.18	ppb
Sodium	23-2	16.17	15.71	15.29	15.72	2.78	ppb
Strontium	86-1	0.27	0.11	0.34	0.24	50.09	ppb
Strontium	88-1	-0.02	-0.01	0.08	0.02	300.53	ppb
Sulfur	34-1	-190.23	-73.42	-104.02	-122.56		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.05	0.04	5.55	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.36	ppb
Tin	118-1	0.01	0.00	0.00	0.00	201.82	ppb
Titanium	47-1	0.01	0.03	-0.01	0.01	273.20	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	53.73	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	190.55	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.04	0.03	-0.01	0.02	139.09	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	93.82	ppb
Zirconium	91-1	0.00	0.01	0.00	0.01	106.91	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10034.55	9817.61	9851.18	9901.11	1.18	ppb
Antimony	121-1	517.06	526.09	526.02	523.06	0.99	ppb
Arsenic	75-2	516.67	513.48	511.56	513.90	0.50	ppb
Barium	135-1	2568.96	2625.95	2577.77	2590.89	1.18	ppb
Barium	137-1	2567.12	2623.12	2583.90	2591.38	1.11	ppb
Beryllium	9-1	487.27	500.35	504.37	497.33	1.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	522.80	532.03	529.94	528.26	0.92	ppb
Cadmium	106-1	525.39	535.67	527.08	529.38	1.04	ppb
Cadmium	111-1	521.06	529.21	525.88	525.38	0.78	ppb
Calcium	43-1	51849.67	52638.35	52925.03	52471.02	1.06	ppb
Calcium	44-1	51570.95	52436.84	51516.48	51841.42	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.00	512.98	509.87	513.62	0.80	ppb
Cobalt	59-2	505.26	512.05	512.97	510.09	0.83	ppb
Copper	63-2	5172.63	5138.56	5119.10	5143.43	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				102		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	26201.72	26251.07	26194.04	26215.61	0.12	ppb
Iron	57-2	26257.56	26191.59	26127.25	26192.13	0.25	ppb
Iron	54-2	26912.96	26306.79	26559.33	26593.03	1.14	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2581.62	2582.12	2542.06	2568.60	0.89	ppb
Lead	207-1	2559.50	2566.97	2560.82	2562.43	0.16	ppb
Lead	208-1	2550.50	2567.18	2540.04	2552.58	0.54	ppb
Lithium	6-1				100		%
Magnesium	24-2	50223.65	49836.65	49768.56	49942.95	0.49	ppb
Manganese	55-2	5101.92	5021.93	5060.55	5061.47	0.79	ppb
Molybdenum	94-1	5207.39	5248.26	5145.88	5200.51	0.99	ppb
Molybdenum	95-1	5110.90	5251.97	5133.33	5165.40	1.47	ppb
Molybdenum	96-1	5190.76	5246.34	5169.43	5202.18	0.76	ppb
Molybdenum	97-1	5127.61	5207.90	5112.46	5149.32	1.00	ppb
Molybdenum	98-1	5152.69	5174.04	5105.16	5143.96	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.29	498.18	496.98	498.48	0.34	ppb
Phosphorus	31-2	10182.24	10148.12	10081.38	10137.25	0.51	ppb
Potassium	39-2	25303.49	24830.86	24895.26	25009.87	1.02	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	523.05	531.44	522.10	525.53	0.98	ppb
Selenium	77-2	529.65	516.37	533.01	526.35	1.67	ppb
Selenium	78-2	512.33	518.47	509.58	513.46	0.89	ppb
Silicon	28-1	480.26	496.01	514.61	496.96	3.46	ppb
Silver	107-1	530.40	545.28	535.00	536.90	1.42	ppb
Silver	109-1	529.62	544.91	539.06	537.86	1.43	ppb
Sodium	23-2	51029.67	50548.51	50397.37	50658.51	0.65	ppb
Strontium	86-1	12799.70	13029.99	12842.20	12890.63	0.95	ppb
Strontium	88-1	12807.88	13044.84	12872.34	12908.35	0.95	ppb
Sulfur	34-1	9992.78	10120.17	10067.27	10060.07	0.64	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	520.58	523.19	514.33	519.37	0.88	ppb
Thallium	205-1	511.66	515.15	509.89	512.23	0.52	ppb
Tin	118-1	515.75	527.58	525.66	523.00	1.21	ppb
Titanium	47-1	5045.13	5025.63	5088.59	5053.12	0.64	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	500.88	501.37	502.27	501.51	0.14	ppb
Vanadium	51-2	508.78	505.03	506.88	506.90	0.37	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	5109.57	5094.14	5187.27	5130.33	0.97	ppb
Zirconium	90-1	504.55	516.72	513.37	511.55	1.23	ppb
Zirconium	91-1	510.26	519.34	517.33	515.64	0.92	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102.00	98.67	103.89	101.52	2.61	ppb
Antimony	121-1	0.12	0.10	0.09	0.10	12.98	ppb
Arsenic	75-2	0.09	0.09	0.09	0.09	4.86	ppb
Barium	135-1	4.06	3.75	3.89	3.90	3.92	ppb
Barium	137-1	3.93	3.83	4.01	3.93	2.34	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	3.81	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.07	0.09	0.09	20.92	ppb
Cadmium	106-1	-0.68	-1.14	-0.58	-0.80		ppb
Cadmium	111-1	-0.03	-0.06	-0.04	-0.04		ppb
Calcium	43-1	59.73	59.18	61.83	60.25	2.32	ppb
Calcium	44-1	58.53	58.41	59.08	58.67	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.77	0.76	0.77	1.17	ppb
Cobalt	59-2	0.09	0.08	0.08	0.08	6.61	ppb
Copper	63-2	0.46	0.45	0.43	0.45	3.78	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				98		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	195.19	201.66	196.57	197.81	1.72	ppb
Iron	57-2	198.75	192.87	183.83	191.82	3.92	ppb
Iron	54-2	205.40	197.17	195.70	199.43	2.62	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.55	0.54	0.49	0.53	6.70	ppb
Lead	207-1	0.51	0.50	0.47	0.49	4.51	ppb
Lead	208-1	0.53	0.52	0.48	0.51	5.38	ppb
Lithium	6-1				98		%
Magnesium	24-2	6.21	5.62	6.28	6.04	6.05	ppb
Manganese	55-2	1.64	1.66	1.61	1.63	1.39	ppb
Molybdenum	94-1	1.26	1.21	1.15	1.20	4.42	ppb
Molybdenum	95-1	0.25	0.18	0.16	0.20	24.05	ppb
Molybdenum	96-1	0.35	0.33	0.27	0.31	12.89	ppb
Molybdenum	97-1	0.23	0.22	0.18	0.21	12.87	ppb
Molybdenum	98-1	0.28	0.18	0.19	0.21	24.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.13	0.11	0.13	17.88	ppb
Phosphorus	31-2	-10.66	-10.73	-8.48	-9.96		ppb
Potassium	39-2	27.50	26.62	27.24	27.12	1.66	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	-0.04	0.44	0.05	0.15	171.79	ppb
Selenium	77-2	0.36	0.21	0.21	0.26	32.29	ppb
Selenium	78-2	-0.99	-0.53	-1.29	-0.94		ppb
Silicon	28-1	45.04	59.27	31.93	45.41	30.11	ppb
Silver	107-1	0.03	0.02	0.03	0.03	15.56	ppb
Silver	109-1	0.03	0.02	0.02	0.02	32.66	ppb
Sodium	23-2	22.45	22.14	21.25	21.94	2.82	ppb
Strontium	86-1	7.32	6.80	7.49	7.20	4.98	ppb
Strontium	88-1	6.98	6.70	7.26	6.98	3.97	ppb
Sulfur	34-1	-267.84	-257.56	-272.06	-265.82		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.03	0.04	26.98	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	21.30	ppb
Tin	118-1	0.49	0.48	0.47	0.48	2.24	ppb
Titanium	47-1	3.08	4.80	3.12	3.67	26.78	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.05	0.06	10.13	ppb
Vanadium	51-2	0.81	0.80	0.83	0.82	2.02	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	0.65	0.55	0.68	0.63	10.06	ppb
Zirconium	90-1	0.59	0.57	0.57	0.58	1.20	ppb
Zirconium	91-1	0.58	0.58	0.76	0.64	16.33	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100.61	110.39	105.40	105.47	4.64	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	10.39	ppb
Arsenic	75-2	0.05	0.06	0.08	0.07	22.82	ppb
Barium	135-1	3.93	4.07	3.97	3.99	1.85	ppb
Barium	137-1	4.02	4.03	4.05	4.04	0.35	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	228.45	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.01	-0.01	0.00	3068.60	ppb
Cadmium	106-1	-0.30	-0.34	-0.16	-0.27		ppb
Cadmium	111-1	-0.04	-0.04	-0.02	-0.03		ppb
Calcium	43-1	51.54	53.57	49.82	51.64	3.64	ppb
Calcium	44-1	49.19	50.58	49.30	49.69	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.74	0.77	0.75	2.51	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	5.77	ppb
Copper	63-2	0.20	0.27	0.25	0.24	15.16	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				99		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	192.10	194.51	193.18	193.26	0.63	ppb
Iron	57-2	190.06	190.25	193.69	191.33	1.07	ppb
Iron	54-2	194.00	196.53	196.16	195.56	0.70	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.40	0.40	0.40	0.40	0.41	ppb
Lead	207-1	0.36	0.41	0.35	0.37	8.10	ppb
Lead	208-1	0.38	0.39	0.37	0.38	2.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	-2.45	-2.53	-2.57	-2.51		ppb
Manganese	55-2	1.39	1.38	1.38	1.38	0.41	ppb
Molybdenum	94-1	0.94	0.87	0.94	0.92	4.38	ppb
Molybdenum	95-1	-0.08	-0.08	-0.08	-0.08		ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	20.19	ppb
Molybdenum	97-1	-0.09	-0.10	-0.10	-0.10		ppb
Molybdenum	98-1	-0.08	-0.06	-0.08	-0.07		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.10	0.08	23.60	ppb
Phosphorus	31-2	-9.43	-8.77	-9.07	-9.09		ppb
Potassium	39-2	18.75	19.66	20.99	19.80	5.70	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	-0.04	-0.03	-0.06	-0.04		ppb
Selenium	77-2	-0.10	-0.10	0.06	-0.04		ppb
Selenium	78-2	-1.27	-1.01	-0.86	-1.05		ppb
Silicon	28-1	51.54	79.06	72.78	67.80	21.28	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	10.35	10.59	11.19	10.71	3.99	ppb
Strontium	86-1	7.99	6.58	6.45	7.01	12.20	ppb
Strontium	88-1	6.46	6.51	6.39	6.45	0.93	ppb
Sulfur	34-1	-308.86	-334.76	-307.83	-317.15		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	76.65	ppb
Tin	118-1	0.48	0.47	0.49	0.48	2.31	ppb
Titanium	47-1	3.37	2.75	3.44	3.19	11.89	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.05	0.03	0.04	29.69	ppb
Vanadium	51-2	0.83	0.79	0.85	0.82	3.79	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	0.27	0.32	0.23	0.27	16.31	ppb
Zirconium	90-1	0.56	0.59	0.63	0.60	6.17	ppb
Zirconium	91-1	0.58	0.57	0.58	0.58	1.16	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.32	15.95	16.77	16.35	2.51	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	9493.26	ppb
Arsenic	75-2	0.01	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.71	0.74	0.66	0.71	5.76	ppb
Barium	137-1	0.68	0.72	0.68	0.69	3.18	ppb
Beryllium	9-1	-0.03	-0.04	-0.03	-0.03		ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.08	-0.04	-0.03	-0.05		ppb
Cadmium	106-1	0.05	-0.33	0.05	-0.08		ppb
Cadmium	111-1	-0.01	-0.04	-0.02	-0.02		ppb
Calcium	43-1	3.03	2.81	2.07	2.64	18.94	ppb
Calcium	44-1	1.18	1.10	1.64	1.31	22.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.15	0.11	0.13	17.42	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.10	-0.11	-0.09	-0.10		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				101		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	33.89	34.17	33.88	33.98	0.48	ppb
Iron	57-2	34.61	31.89	33.52	33.34	4.12	ppb
Iron	54-2	33.94	33.55	33.96	33.82	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.02	0.02	0.01	36.22	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	338.52	ppb
Lead	208-1	0.01	0.00	0.01	0.01	64.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	-8.39	-8.42	-8.00	-8.27		ppb
Manganese	55-2	0.13	0.15	0.11	0.13	17.50	ppb
Molybdenum	94-1	0.06	0.03	0.05	0.05	36.44	ppb
Molybdenum	95-1	-0.17	-0.17	-0.17	-0.17		ppb
Molybdenum	96-1	-0.15	-0.16	-0.15	-0.15		ppb
Molybdenum	97-1	-0.17	-0.18	-0.18	-0.18		ppb
Molybdenum	98-1	-0.16	-0.17	-0.16	-0.17		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-16.01	-18.37	-17.07	-17.15		ppb
Potassium	39-2	-1.54	-2.72	-0.46	-1.57		ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.17	-0.39	0.12	-0.04		ppb
Selenium	77-2	-0.10	-0.10	0.05	-0.05		ppb
Selenium	78-2	-0.16	-1.21	-0.89	-0.76		ppb
Silicon	28-1	-63.61	-22.80	-65.14	-50.52		ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	1.28	1.06	1.49	1.28	16.69	ppb
Strontium	86-1	1.01	1.13	1.28	1.14	11.78	ppb
Strontium	88-1	0.98	0.84	0.92	0.91	7.60	ppb
Sulfur	34-1	-227.90	-212.01	-194.18	-211.36		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.08	0.06	0.06	0.07	14.78	ppb
Titanium	47-1	0.39	0.35	0.38	0.37	5.77	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.14	0.14	0.17	0.15	9.44	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	0.02	0.08	0.03	0.04	76.62	ppb
Zirconium	90-1	0.09	0.10	0.10	0.09	3.26	ppb
Zirconium	91-1	0.09	0.10	0.11	0.10	8.19	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2098.33	2119.25	2151.23	2122.94	1.26	ppb
Antimony	121-1	129.63	130.40	129.01	129.68	0.54	ppb
Arsenic	75-2	127.62	128.86	128.86	128.44	0.56	ppb
Barium	135-1	583.53	575.33	572.22	577.03	1.01	ppb
Barium	137-1	583.19	576.54	578.01	579.25	0.60	ppb
Beryllium	9-1	125.25	124.43	124.46	124.71	0.38	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.43	135.71	134.87	135.34	0.32	ppb
Cadmium	106-1	138.87	135.65	137.10	137.21	1.18	ppb
Cadmium	111-1	135.93	134.85	134.44	135.07	0.57	ppb
Calcium	43-1	10647.53	10897.19	10904.13	10816.28	1.35	ppb
Calcium	44-1	10192.79	10448.10	10397.19	10346.03	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.17	122.72	122.96	122.62	0.33	ppb
Cobalt	59-2	125.42	125.76	126.76	125.98	0.55	ppb
Copper	63-2	1005.24	1006.76	1008.17	1006.72	0.15	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				102		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	5934.59	5967.11	6058.62	5986.77	1.07	ppb
Iron	57-2	6065.34	6068.85	6106.74	6080.31	0.38	ppb
Iron	54-2	6059.20	5963.68	6095.15	6039.34	1.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	476.21	469.33	480.39	475.31	1.17	ppb
Lead	207-1	479.27	474.68	479.72	477.89	0.58	ppb
Lead	208-1	474.09	468.74	474.83	472.55	0.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	9828.42	9762.30	9848.46	9813.06	0.46	ppb
Manganese	55-2	916.22	909.48	914.73	913.48	0.39	ppb
Molybdenum	94-1	790.18	778.25	789.45	785.96	0.85	ppb
Molybdenum	95-1	687.21	673.39	676.73	679.11	1.06	ppb
Molybdenum	96-1	698.38	689.10	693.17	693.55	0.67	ppb
Molybdenum	97-1	683.35	671.26	673.98	676.20	0.94	ppb
Molybdenum	98-1	687.19	667.45	675.54	676.73	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.64	124.36	124.91	124.31	0.51	ppb
Phosphorus	31-2	-11.83	-9.88	-9.94	-10.55		ppb
Potassium	39-2	5574.57	5520.24	5499.47	5531.42	0.70	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	129.29	130.03	129.39	129.57	0.31	ppb
Selenium	77-2	133.64	127.80	129.28	130.24	2.33	ppb
Selenium	78-2	127.56	129.82	126.64	128.01	1.28	ppb
Silicon	28-1	140.35	209.61	157.16	169.04	21.37	ppb
Silver	107-1	2.67	2.69	2.66	2.67	0.58	ppb
Silver	109-1	0.14	0.12	0.13	0.13	6.15	ppb
Sodium	23-2	9868.23	9775.85	9902.20	9848.76	0.66	ppb
Strontium	86-1	3132.13	3074.38	3096.08	3100.86	0.94	ppb
Strontium	88-1	3153.94	3122.80	3208.35	3161.70	1.37	ppb
Sulfur	34-1	-282.48	-295.94	-256.76	-278.39		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	116.15	117.66	117.61	117.14	0.73	ppb
Thallium	205-1	122.48	122.55	124.04	123.02	0.72	ppb
Tin	118-1	114.50	113.84	113.74	114.03	0.36	ppb
Titanium	47-1	430.05	434.90	431.50	432.15	0.58	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	120.18	121.69	120.82	120.90	0.63	ppb
Vanadium	51-2	124.78	124.31	124.36	124.48	0.21	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	959.04	964.78	971.18	965.00	0.63	ppb
Zirconium	90-1	125.73	126.09	125.84	125.89	0.14	ppb
Zirconium	91-1	125.46	123.31	124.47	124.41	0.86	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2171.47	2162.07	2140.75	2158.10	0.73	ppb
Antimony	121-1	126.74	127.53	128.01	127.42	0.50	ppb
Arsenic	75-2	129.69	130.64	130.68	130.34	0.43	ppb
Barium	135-1	575.62	580.18	571.66	575.82	0.74	ppb
Barium	137-1	576.36	574.60	574.89	575.28	0.16	ppb
Beryllium	9-1	122.55	128.24	125.59	125.46	2.27	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.99	139.67	136.99	136.88	2.08	ppb
Cadmium	106-1	135.94	140.54	138.54	138.34	1.67	ppb
Cadmium	111-1	133.13	136.81	134.17	134.70	1.41	ppb
Calcium	43-1	10558.80	10821.88	10922.85	10767.84	1.75	ppb
Calcium	44-1	10031.98	10365.12	10387.54	10261.55	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.09	124.36	123.29	124.25	0.73	ppb
Cobalt	59-2	128.35	126.99	126.45	127.27	0.77	ppb
Copper	63-2	1022.92	1013.66	1011.09	1015.89	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				103		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	6062.89	6036.14	5983.95	6027.66	0.67	ppb
Iron	57-2	6163.88	6184.92	6063.58	6137.46	1.06	ppb
Iron	54-2	6121.73	6200.42	6164.91	6162.36	0.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	474.28	482.22	478.22	478.24	0.83	ppb
Lead	207-1	470.64	475.73	486.35	477.57	1.68	ppb
Lead	208-1	472.12	476.15	477.23	475.17	0.57	ppb
Lithium	6-1				102		%
Magnesium	24-2	9918.66	10080.59	9875.00	9958.08	1.09	ppb
Manganese	55-2	924.64	911.50	919.12	918.42	0.72	ppb
Molybdenum	94-1	781.35	789.09	784.52	784.99	0.50	ppb
Molybdenum	95-1	678.29	680.42	676.73	678.48	0.27	ppb
Molybdenum	96-1	681.23	684.66	684.99	683.63	0.30	ppb
Molybdenum	97-1	672.91	680.53	683.22	678.89	0.79	ppb
Molybdenum	98-1	669.52	671.84	676.51	672.62	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.31	128.09	124.85	126.75	1.33	ppb
Phosphorus	31-2	-10.38	-13.49	-8.91	-10.93		ppb
Potassium	39-2	5648.07	5652.34	5501.58	5600.66	1.53	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	127.74	128.13	131.14	129.01	1.44	ppb
Selenium	77-2	134.49	135.15	132.25	133.96	1.14	ppb
Selenium	78-2	134.43	132.46	131.68	132.86	1.06	ppb
Silicon	28-1	133.55	130.85	145.18	136.53	5.58	ppb
Silver	107-1	2.67	2.70	2.70	2.69	0.62	ppb
Silver	109-1	0.12	0.14	0.12	0.13	6.77	ppb
Sodium	23-2	10069.13	10021.77	9849.25	9980.05	1.16	ppb
Strontium	86-1	3072.29	3071.08	3110.46	3084.61	0.73	ppb
Strontium	88-1	3151.75	3126.19	3172.63	3150.19	0.74	ppb
Sulfur	34-1	-184.52	-151.39	-189.28	-175.06		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	115.63	115.47	117.92	116.34	1.18	ppb
Thallium	205-1	123.16	126.47	124.63	124.75	1.33	ppb
Tin	118-1	112.82	114.54	113.08	113.48	0.82	ppb
Titanium	47-1	420.85	432.61	437.28	430.25	1.97	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	120.47	121.05	123.12	121.55	1.15	ppb
Vanadium	51-2	125.65	126.64	124.15	125.48	1.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	979.72	981.99	965.53	975.74	0.91	ppb
Zirconium	90-1	122.74	125.20	125.85	124.60	1.32	ppb
Zirconium	91-1	123.31	123.37	125.54	124.07	1.02	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2159.75	2142.08	2160.12	2153.98	0.48	ppb
Antimony	121-1	127.34	128.26	128.62	128.07	0.51	ppb
Arsenic	75-2	131.66	132.89	131.30	131.95	0.63	ppb
Barium	135-1	580.61	581.48	579.96	580.68	0.13	ppb
Barium	137-1	581.21	578.62	583.56	581.13	0.43	ppb
Beryllium	9-1	124.65	127.81	125.35	125.94	1.32	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.43	133.47	132.83	133.24	0.27	ppb
Cadmium	106-1	137.45	138.35	136.27	137.36	0.76	ppb
Cadmium	111-1	133.66	135.80	134.50	134.65	0.80	ppb
Calcium	43-1	10895.19	10905.76	10742.12	10847.69	0.84	ppb
Calcium	44-1	10348.52	10395.26	10307.81	10350.53	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.62	123.27	124.25	124.05	0.56	ppb
Cobalt	59-2	127.08	127.12	128.40	127.53	0.59	ppb
Copper	63-2	1018.34	1010.51	1032.80	1020.55	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				102		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	6043.82	6026.92	6101.57	6057.43	0.65	ppb
Iron	57-2	6134.50	6101.00	6154.30	6129.93	0.44	ppb
Iron	54-2	6062.01	6127.85	6116.10	6101.98	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	475.67	484.14	483.48	481.10	0.98	ppb
Lead	207-1	477.73	479.78	481.88	479.79	0.43	ppb
Lead	208-1	474.57	478.65	479.06	477.43	0.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	9914.66	10060.21	9958.78	9977.88	0.75	ppb
Manganese	55-2	925.62	918.88	925.03	923.18	0.40	ppb
Molybdenum	94-1	770.68	794.86	793.47	786.34	1.73	ppb
Molybdenum	95-1	667.14	695.44	686.64	683.07	2.12	ppb
Molybdenum	96-1	682.74	695.67	696.18	691.53	1.10	ppb
Molybdenum	97-1	671.45	691.60	669.81	677.62	1.79	ppb
Molybdenum	98-1	661.56	681.76	672.52	671.95	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.73	126.05	126.27	126.02	0.21	ppb
Phosphorus	31-2	-15.25	-12.52	-6.28	-11.35		ppb
Potassium	39-2	5660.25	5583.67	5635.73	5626.55	0.69	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	129.36	130.69	130.26	130.10	0.52	ppb
Selenium	77-2	140.89	128.34	130.77	133.34	4.99	ppb
Selenium	78-2	132.65	135.11	136.08	134.61	1.31	ppb
Silicon	28-1	145.04	158.08	136.77	146.63	7.33	ppb
Silver	107-1	2.66	2.66	2.65	2.66	0.12	ppb
Silver	109-1	0.12	0.13	0.12	0.12	4.48	ppb
Sodium	23-2	10092.41	10128.02	10056.38	10092.27	0.35	ppb
Strontium	86-1	3051.04	3170.23	3128.79	3116.69	1.94	ppb
Strontium	88-1	3069.88	3199.88	3193.44	3154.40	2.32	ppb
Sulfur	34-1	-126.32	-191.63	-227.83	-181.93		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	116.17	118.43	119.31	117.97	1.37	ppb
Thallium	205-1	121.90	124.96	126.79	124.55	1.98	ppb
Tin	118-1	112.51	114.41	113.31	113.41	0.84	ppb
Titanium	47-1	434.10	437.22	429.34	433.55	0.92	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	120.12	121.52	121.63	121.09	0.70	ppb
Vanadium	51-2	126.42	126.24	125.84	126.16	0.24	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	982.21	977.88	979.99	980.03	0.22	ppb
Zirconium	90-1	124.52	129.16	124.95	126.21	2.03	ppb
Zirconium	91-1	122.59	126.29	125.79	124.89	1.61	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51923.74	51541.48	51419.36	51628.19	0.51	ppb
Antimony	121-1	513.17	511.73	510.86	511.92	0.23	ppb
Arsenic	75-2	502.09	504.16	499.66	501.97	0.45	ppb
Barium	135-1	2572.25	2588.48	2551.54	2570.76	0.72	ppb
Barium	137-1	2574.34	2605.99	2560.45	2580.26	0.90	ppb
Beryllium	9-1	493.18	490.70	487.47	490.45	0.58	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	499.10	505.24	502.30	502.21	0.61	ppb
Cadmium	106-1	501.63	504.97	500.09	502.23	0.50	ppb
Cadmium	111-1	485.87	498.35	495.30	493.17	1.32	ppb
Calcium	43-1	256939.44	256275.90	260765.19	257993.51	0.94	ppb
Calcium	44-1	258183.94	256969.66	259453.12	258202.24	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.50	510.38	513.25	511.38	0.32	ppb
Cobalt	59-2	501.12	500.04	494.81	498.66	0.68	ppb
Copper	63-2	4817.95	4833.89	4809.78	4820.54	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				99		%
Holmium	165-2				100		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	129866.85	130308.54	130523.32	130232.90	0.26	ppb
Iron	57-2	130624.52	130166.48	131280.64	130690.55	0.43	ppb
Iron	54-2	130717.62	131453.79	131586.58	131252.66	0.36	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2601.75	2626.80	2573.68	2600.74	1.02	ppb
Lead	207-1	2590.29	2611.47	2534.68	2578.81	1.54	ppb
Lead	208-1	2596.98	2609.53	2550.14	2585.55	1.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	260249.10	256506.15	257956.89	258237.38	0.73	ppb
Manganese	55-2	4999.98	5024.20	5001.97	5008.71	0.27	ppb
Molybdenum	94-1	5192.24	5204.52	5230.71	5209.16	0.38	ppb
Molybdenum	95-1	5189.97	5121.39	5215.69	5175.69	0.94	ppb
Molybdenum	96-1	5218.97	5171.53	5236.32	5208.94	0.64	ppb
Molybdenum	97-1	5204.15	5145.89	5199.58	5183.21	0.63	ppb
Molybdenum	98-1	5176.33	5130.59	5202.81	5169.91	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.54	477.30	475.48	476.44	0.19	ppb
Phosphorus	31-2	10230.82	10154.05	10084.43	10156.43	0.72	ppb
Potassium	39-2	127118.35	127350.40	126124.49	126864.41	0.51	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	82-1	492.86	488.88	491.70	491.15	0.42	ppb
Selenium	77-2	502.69	494.12	492.50	496.44	1.10	ppb
Selenium	78-2	485.86	498.18	484.69	489.58	1.53	ppb
Silicon	28-1	482.30	480.41	501.18	487.96	2.35	ppb
Silver	107-1	499.18	502.93	500.61	500.91	0.38	ppb
Silver	109-1	496.87	499.84	497.37	498.03	0.32	ppb
Sodium	23-2	257509.62	257544.36	253300.28	256118.09	0.95	ppb
Strontium	86-1	12966.06	12880.41	12926.15	12924.21	0.33	ppb
Strontium	88-1	12958.11	12838.89	12780.48	12859.16	0.70	ppb
Sulfur	34-1	9923.98	9831.30	10150.07	9968.45	1.64	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	513.65	526.67	521.89	520.74	1.27	ppb
Thallium	205-1	521.75	527.49	518.33	522.52	0.89	ppb
Tin	118-1	512.44	517.04	502.64	510.71	1.44	ppb
Titanium	47-1	4964.98	5007.46	5074.49	5015.64	1.10	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	532.17	534.16	518.19	528.17	1.65	ppb
Vanadium	51-2	514.44	517.97	509.30	513.90	0.85	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	4735.96	4779.70	4729.26	4748.30	0.58	ppb
Zirconium	90-1	511.86	515.56	516.14	514.52	0.45	ppb
Zirconium	91-1	518.06	524.63	516.93	519.87	0.80	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.73	3.00	2.46	3.07	20.76	ppb
Antimony	121-1	0.29	0.24	0.21	0.25	17.95	ppb
Arsenic	75-2	0.05	0.03	0.07	0.05	36.53	ppb
Barium	135-1	0.44	0.27	0.24	0.32	33.35	ppb
Barium	137-1	0.45	0.35	0.26	0.35	26.75	ppb
Beryllium	9-1	0.12	0.14	0.10	0.12	18.34	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.04	0.01	0.04	50.46	ppb
Cadmium	106-1	-0.39	-0.24	-1.28	-0.64		ppb
Cadmium	111-1	0.09	0.06	-0.01	0.04	120.19	ppb
Calcium	43-1	52.62	27.97	28.35	36.31	38.89	ppb
Calcium	44-1	46.82	33.64	25.36	35.28	30.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.03	0.03	54.43	ppb
Cobalt	59-2	0.03	0.04	0.04	0.03	16.54	ppb
Copper	63-2	0.48	0.45	0.37	0.43	13.10	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				98		%
Holmium	165-2				103		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	10.57	9.33	8.26	9.39	12.35	ppb
Iron	57-2	7.30	7.57	7.39	7.42	1.84	ppb
Iron	54-2	11.69	8.82	7.82	9.44	21.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.51	0.38	0.31	0.40	25.33	ppb
Lead	207-1	0.49	0.38	0.31	0.40	23.09	ppb
Lead	208-1	0.50	0.38	0.31	0.39	24.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	19.66	18.07	16.01	17.91	10.22	ppb
Manganese	55-2	0.43	0.32	0.32	0.35	18.04	ppb
Molybdenum	94-1	1.11	0.80	0.67	0.86	25.82	ppb
Molybdenum	95-1	1.02	0.76	0.57	0.78	28.69	ppb
Molybdenum	96-1	1.02	0.73	0.60	0.78	27.78	ppb
Molybdenum	97-1	1.02	0.73	0.56	0.77	30.37	ppb
Molybdenum	98-1	0.99	0.76	0.60	0.79	25.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.06	0.04	33.27	ppb
Phosphorus	31-2	-17.10	-18.58	-14.42	-16.70		ppb
Potassium	39-2	9.64	8.00	6.34	7.99	20.65	ppb
Rhodium	103-1				90		%
Rhodium	103-2				95		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	0.30	0.07	0.19	0.18	61.10	ppb
Selenium	77-2	-0.10	-0.10	0.06	-0.04		ppb
Selenium	78-2	-0.52	-1.19	-1.64	-1.12		ppb
Silicon	28-1	-74.94	-77.02	-77.95	-76.64		ppb
Silver	107-1	0.14	0.11	0.08	0.11	25.65	ppb
Silver	109-1	0.15	0.12	0.08	0.12	27.67	ppb
Sodium	23-2	61.40	55.37	50.71	55.83	9.61	ppb
Strontium	86-1	2.20	2.43	0.98	1.87	41.77	ppb
Strontium	88-1	2.25	1.72	1.32	1.77	26.60	ppb
Sulfur	34-1	-226.09	-202.32	-220.47	-216.29		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.10	0.09	0.10	17.12	ppb
Thallium	205-1	0.13	0.10	0.08	0.11	24.95	ppb
Tin	118-1	0.09	0.09	0.07	0.08	18.44	ppb
Titanium	47-1	1.02	0.75	0.52	0.76	33.30	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.06	0.05	0.07	29.00	ppb
Vanadium	51-2	0.04	0.02	0.02	0.03	29.96	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%
Zinc	66-2	0.38	0.50	0.29	0.39	27.88	ppb
Zirconium	90-1	0.12	0.10	0.08	0.10	21.78	ppb
Zirconium	91-1	0.13	0.09	0.08	0.10	23.44	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206:	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1997.62	1970.83	1981.46	1983.30	0.68	ppb
Antimony	121-1	0.05	0.03	0.04	0.04	14.43	ppb
Arsenic	75-2	1.46	1.45	1.51	1.47	2.33	ppb
Barium	135-1	7.78	7.69	7.69	7.72	0.72	ppb
Barium	137-1	7.75	7.75	7.71	7.74	0.32	ppb
Beryllium	9-1	0.06	0.03	0.05	0.05	24.43	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.33	0.44	0.37	0.38	14.78	ppb
Cadmium	106-1	0.55	0.58	0.74	0.62	16.41	ppb
Cadmium	111-1	0.02	0.01	0.03	0.02	41.77	ppb
Calcium	43-1	18.32	18.92	18.38	18.54	1.80	ppb
Calcium	44-1	19.32	17.74	17.80	18.29	4.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.75	6.66	6.65	6.69	0.80	ppb
Cobalt	59-2	0.38	0.36	0.37	0.37	3.04	ppb
Copper	63-2	2.59	2.57	2.50	2.55	1.99	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				105		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	3712.66	3773.53	3676.43	3720.87	1.32	ppb
Iron	57-2	3757.80	3748.07	3724.50	3743.46	0.46	ppb
Iron	54-2	3794.79	3802.04	3755.08	3783.97	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206:	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.36	2.26	2.35	2.32	2.25	ppb
Lead	207-1	2.14	2.15	2.20	2.16	1.41	ppb
Lead	208-1	2.25	2.19	2.30	2.25	2.50	ppb
Lithium	6-1				102		%
Magnesium	24-2	53.22	54.17	53.75	53.71	0.89	ppb
Manganese	55-2	19.47	19.32	18.96	19.25	1.36	ppb
Molybdenum	94-1	9.28	9.19	9.30	9.25	0.61	ppb
Molybdenum	95-1	0.11	0.07	0.09	0.09	19.81	ppb
Molybdenum	96-1	1.07	1.02	1.08	1.06	2.74	ppb
Molybdenum	97-1	0.08	0.07	0.08	0.08	11.05	ppb
Molybdenum	98-1	0.10	0.09	0.10	0.10	8.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.76	0.64	0.69	9.06	ppb
Phosphorus	31-2	63.62	57.01	63.79	61.48	6.29	ppb
Potassium	39-2	130.64	128.04	128.41	129.03	1.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.43	0.06	0.22	0.24	78.29	ppb
Selenium	77-2	1.08	1.92	1.67	1.56	27.76	ppb
Selenium	78-2	-0.75	-1.25	-1.02	-1.01		ppb
Silicon	28-1	278.66	260.09	312.78	283.85	9.42	ppb
Silver	107-1	0.02	0.01	0.02	0.02	12.16	ppb
Silver	109-1	0.00	0.00	0.00	0.00	41.72	ppb
Sodium	23-2	13.74	12.09	11.59	12.47	8.99	ppb
Strontium	86-1	11.34	11.85	11.08	11.43	3.43	ppb
Strontium	88-1	10.49	10.10	10.79	10.46	3.29	ppb
Sulfur	34-1	-34.93	-190.43	-170.25	-131.87		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	26.24	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	14.64	ppb
Tin	118-1	0.33	0.31	0.30	0.31	4.98	ppb
Titanium	47-1	19.49	18.90	19.20	19.20	1.54	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206:	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.42	0.43	0.42	1.08	ppb
Vanadium	51-2	11.06	10.97	10.98	11.00	0.44	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	2.99	3.06	2.97	3.01	1.54	ppb
Zirconium	90-1	5.04	5.02	5.07	5.04	0.54	ppb
Zirconium	91-1	5.06	5.08	5.28	5.14	2.32	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1883.98	1888.23	1883.08	1885.10	0.15	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	12.14	ppb
Arsenic	75-2	10.49	10.61	10.75	10.62	1.20	ppb
Barium	135-1	12.67	12.93	12.56	12.72	1.50	ppb
Barium	137-1	12.72	13.05	12.53	12.77	2.06	ppb
Beryllium	9-1	0.05	0.09	0.08	0.07	31.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.76	1.69	1.52	1.66	7.47	ppb
Cadmium	106-1	5.44	4.94	3.94	4.77	16.08	ppb
Cadmium	111-1	0.34	0.31	0.23	0.29	19.22	ppb
Calcium	43-1	29.57	32.77	28.54	30.29	7.28	ppb
Calcium	44-1	26.73	31.24	28.03	28.67	8.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.43	40.47	39.97	40.29	0.69	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	22.57	ppb
Copper	63-2	8.59	8.52	8.41	8.51	1.06	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				101		%
Holmium	165-2				106		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	9483.21	9444.10	9453.55	9460.29	0.22	ppb
Iron	57-2	9590.79	9507.83	9470.87	9523.16	0.64	ppb
Iron	54-2	9648.75	9754.73	9567.89	9657.12	0.97	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.96	6.95	6.82	6.91	1.11	ppb
Lead	207-1	6.35	6.31	6.23	6.30	1.03	ppb
Lead	208-1	6.57	6.58	6.47	6.54	0.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	5.00	5.64	5.65	5.43	6.86	ppb
Manganese	55-2	1.10	1.12	1.08	1.10	1.98	ppb
Molybdenum	94-1	41.84	41.59	42.02	41.81	0.52	ppb
Molybdenum	95-1	0.03	0.15	0.02	0.06	116.79	ppb
Molybdenum	96-1	4.45	4.63	4.54	4.54	1.97	ppb
Molybdenum	97-1	-0.01	0.16	-0.01	0.05	210.95	ppb
Molybdenum	98-1	0.02	0.14	0.00	0.05	143.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.31	0.27	0.29	7.03	ppb
Phosphorus	31-2	39.11	35.84	34.41	36.45	6.60	ppb
Potassium	39-2	311.80	313.24	311.47	312.17	0.30	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.58	0.61	0.42	0.54	19.17	ppb
Selenium	77-2	7.13	6.61	6.59	6.78	4.54	ppb
Selenium	78-2	0.75	0.54	1.07	0.79	33.73	ppb
Silicon	28-1	204.56	229.30	221.89	218.58	5.81	ppb
Silver	107-1	0.05	0.06	0.05	0.06	6.89	ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	10.99	11.42	10.46	10.96	4.42	ppb
Strontium	86-1	47.31	49.97	46.66	47.98	3.65	ppb
Strontium	88-1	45.70	47.76	46.19	46.55	2.31	ppb
Sulfur	34-1	-352.16	-329.66	-338.42	-340.08		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.06	0.05	0.05	9.10	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	8.20	ppb
Tin	118-1	0.50	0.52	0.49	0.50	2.82	ppb
Titanium	47-1	8.30	8.33	8.39	8.34	0.60	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.77	1.81	1.78	1.79	1.21	ppb
Vanadium	51-2	59.55	59.09	58.90	59.18	0.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.50	0.62	0.64	0.59	12.93	ppb
Zirconium	90-1	23.20	23.10	22.99	23.10	0.46	ppb
Zirconium	91-1	23.06	23.10	23.21	23.12	0.35	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6326.28	6419.43	6251.80	6332.50	1.33	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	22.54	ppb
Arsenic	75-2	3.86	3.88	3.65	3.80	3.40	ppb
Barium	135-1	40.04	41.10	40.79	40.64	1.34	ppb
Barium	137-1	41.25	41.72	41.78	41.58	0.70	ppb
Beryllium	9-1	0.42	0.45	0.40	0.42	5.21	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.65	0.59	0.61	5.00	ppb
Cadmium	106-1	1.35	2.06	1.09	1.50	33.33	ppb
Cadmium	111-1	0.08	0.13	0.06	0.09	41.48	ppb
Calcium	43-1	324.31	325.90	329.56	326.59	0.82	ppb
Calcium	44-1	323.00	323.50	318.84	321.78	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.94	15.00	15.09	15.01	0.49	ppb
Cobalt	59-2	5.62	5.74	5.61	5.65	1.26	ppb
Copper	63-2	7.70	7.76	7.73	7.73	0.38	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				103		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	14621.85	14706.29	14657.82	14661.99	0.29	ppb
Iron	57-2	14776.40	14601.54	14659.60	14679.18	0.61	ppb
Iron	54-2	14568.33	14708.48	14769.10	14681.97	0.70	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.08	8.22	7.93	8.08	1.78	ppb
Lead	207-1	7.62	7.57	7.48	7.56	0.91	ppb
Lead	208-1	7.75	7.82	7.69	7.75	0.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	751.96	754.90	763.04	756.63	0.76	ppb
Manganese	55-2	143.54	143.83	144.34	143.90	0.28	ppb
Molybdenum	94-1	14.63	14.96	14.91	14.83	1.22	ppb
Molybdenum	95-1	0.39	0.39	0.38	0.39	1.42	ppb
Molybdenum	96-1	2.04	2.01	2.01	2.02	0.79	ppb
Molybdenum	97-1	0.39	0.39	0.40	0.39	1.01	ppb
Molybdenum	98-1	0.38	0.38	0.39	0.38	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.11	6.11	6.03	6.08	0.79	ppb
Phosphorus	31-2	170.29	168.93	153.82	164.35	5.57	ppb
Potassium	39-2	574.75	575.12	576.11	575.33	0.12	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.28	0.03	0.09	0.14	97.08	ppb
Selenium	77-2	4.40	3.58	3.57	3.85	12.35	ppb
Selenium	78-2	-0.48	-0.44	-1.06	-0.66		ppb
Silicon	28-1	648.38	635.83	690.80	658.34	4.38	ppb
Silver	107-1	0.02	0.03	0.02	0.03	12.61	ppb
Silver	109-1	0.00	0.01	0.00	0.01	52.34	ppb
Sodium	23-2	20.09	19.27	19.04	19.47	2.85	ppb
Strontium	86-1	73.87	73.51	74.85	74.08	0.94	ppb
Strontium	88-1	73.30	73.84	74.17	73.77	0.60	ppb
Sulfur	34-1	-98.58	-172.76	-218.61	-163.32		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.08	0.08	0.08	5.55	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	4.05	ppb
Tin	118-1	0.12	0.10	0.14	0.12	18.98	ppb
Titanium	47-1	177.03	179.55	178.77	178.45	0.72	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.81	0.82	0.82	1.44	ppb
Vanadium	51-2	25.23	25.16	25.12	25.17	0.23	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	18.11	18.16	18.01	18.09	0.41	ppb
Zirconium	90-1	7.87	8.06	8.03	7.99	1.27	ppb
Zirconium	91-1	8.07	8.07	8.22	8.12	1.09	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51436.61	51817.31	51774.24	51676.05	0.40	ppb
Antimony	121-1	482.21	498.50	506.11	495.61	2.46	ppb
Arsenic	75-2	501.99	492.19	499.45	497.87	1.02	ppb
Barium	135-1	2453.43	2531.88	2568.17	2517.83	2.33	ppb
Barium	137-1	2431.89	2520.35	2571.49	2507.91	2.82	ppb
Beryllium	9-1	468.44	499.54	490.22	486.06	3.28	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	477.78	494.16	504.29	492.08	2.72	ppb
Cadmium	106-1	477.16	494.79	500.24	490.73	2.46	ppb
Cadmium	111-1	462.27	475.55	485.99	474.60	2.50	ppb
Calcium	43-1	243794.88	255463.40	253628.52	250962.27	2.50	ppb
Calcium	44-1	241440.47	253337.09	252019.50	248932.35	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.17	502.99	508.53	506.57	0.61	ppb
Cobalt	59-2	495.41	496.58	500.73	497.58	0.56	ppb
Copper	63-2	4792.83	4792.84	4877.67	4821.11	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				99		%
Holmium	165-2				98		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	130801.43	130033.61	130774.04	130536.36	0.33	ppb
Iron	57-2	130656.36	130087.73	130341.86	130361.99	0.22	ppb
Iron	54-2	130549.78	130104.31	131356.38	130670.16	0.49	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2497.63	2613.66	2624.22	2578.50	2.72	ppb
Lead	207-1	2485.37	2584.49	2608.98	2559.61	2.56	ppb
Lead	208-1	2490.63	2586.25	2607.10	2561.33	2.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	256660.41	258803.04	260072.12	258511.86	0.67	ppb
Manganese	55-2	5002.21	5002.60	5038.16	5014.32	0.41	ppb
Molybdenum	94-1	4965.96	5150.92	5170.88	5095.92	2.22	ppb
Molybdenum	95-1	4920.04	5141.08	5135.59	5065.57	2.49	ppb
Molybdenum	96-1	4911.50	5108.52	5123.26	5047.76	2.34	ppb
Molybdenum	97-1	4880.19	5081.57	5106.04	5022.60	2.47	ppb
Molybdenum	98-1	4850.96	5059.50	5067.30	4992.59	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.61	468.64	478.95	473.73	1.09	ppb
Phosphorus	31-2	10136.66	10049.96	10199.16	10128.59	0.74	ppb
Potassium	39-2	126153.63	125813.98	127512.66	126493.43	0.71	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				83		%
Selenium	82-1	461.84	486.42	489.66	479.31	3.17	ppb
Selenium	77-2	484.18	496.62	493.03	491.28	1.30	ppb
Selenium	78-2	493.46	482.94	489.16	488.52	1.08	ppb
Silicon	28-1	440.79	482.21	478.87	467.29	4.92	ppb
Silver	107-1	480.37	489.58	502.45	490.80	2.26	ppb
Silver	109-1	480.84	480.28	502.69	487.94	2.62	ppb
Sodium	23-2	255643.75	254962.40	257016.42	255874.19	0.41	ppb
Strontium	86-1	11985.85	12669.43	12951.38	12535.55	3.96	ppb
Strontium	88-1	12186.74	12634.07	12822.17	12547.66	2.60	ppb
Sulfur	34-1	9559.76	9965.99	9794.84	9773.53	2.09	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	512.26	523.47	530.50	522.08	1.76	ppb
Thallium	205-1	509.25	521.87	531.64	520.92	2.15	ppb
Tin	118-1	488.70	500.50	503.69	497.63	1.59	ppb
Titanium	47-1	4776.49	5003.85	4934.51	4904.95	2.38	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	502.76	529.40	532.67	521.61	3.15	ppb
Vanadium	51-2	512.32	504.85	519.33	512.16	1.41	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%
Zinc	66-2	4830.37	4780.47	4825.52	4812.12	0.57	ppb
Zirconium	90-1	487.73	512.18	513.70	504.54	2.89	ppb
Zirconium	91-1	491.64	514.74	517.82	508.07	2.82	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.16	2.70	2.07	2.64	20.59	ppb
Antimony	121-1	0.27	0.22	0.19	0.23	18.23	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	54.27	ppb
Barium	135-1	0.46	0.32	0.22	0.34	36.06	ppb
Barium	137-1	0.48	0.35	0.23	0.35	36.07	ppb
Beryllium	9-1	0.13	0.11	0.07	0.10	29.49	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.05	0.02	0.07	96.97	ppb
Cadmium	106-1	-0.30	0.21	0.24	0.05	604.05	ppb
Cadmium	111-1	0.09	0.08	0.06	0.08	20.33	ppb
Calcium	43-1	60.43	36.18	21.80	39.47	49.47	ppb
Calcium	44-1	54.03	32.28	22.46	36.26	44.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.02	0.02	22.24	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	16.08	ppb
Copper	63-2	0.38	0.29	0.27	0.31	19.62	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				99		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	8.64	7.23	6.01	7.30	18.04	ppb
Iron	57-2	6.75	5.10	4.26	5.37	23.56	ppb
Iron	54-2	8.35	7.62	6.89	7.62	9.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.51	0.35	0.26	0.37	33.11	ppb
Lead	207-1	0.53	0.36	0.26	0.38	36.11	ppb
Lead	208-1	0.53	0.34	0.27	0.38	35.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	15.53	12.82	11.05	13.13	17.17	ppb
Manganese	55-2	0.28	0.27	0.24	0.26	8.09	ppb
Molybdenum	94-1	1.15	0.82	0.59	0.86	32.88	ppb
Molybdenum	95-1	1.10	0.71	0.53	0.78	37.04	ppb
Molybdenum	96-1	1.13	0.71	0.51	0.79	40.46	ppb
Molybdenum	97-1	1.07	0.75	0.53	0.79	34.60	ppb
Molybdenum	98-1	1.11	0.73	0.53	0.79	37.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.05	0.02	95.69	ppb
Phosphorus	31-2	-20.27	-16.64	-15.94	-17.62		ppb
Potassium	39-2	5.56	4.96	3.16	4.56	27.34	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	0.31	-0.33	0.03	0.00	27297.01	ppb
Selenium	77-2	0.06	-0.10	-0.10	-0.04		ppb
Selenium	78-2	0.21	-1.21	-0.51	-0.50		ppb
Silicon	28-1	-81.89	-83.19	-83.37	-82.82		ppb
Silver	107-1	0.15	0.10	0.08	0.11	33.46	ppb
Silver	109-1	0.14	0.11	0.08	0.11	26.08	ppb
Sodium	23-2	44.70	40.57	36.38	40.55	10.25	ppb
Strontium	86-1	2.72	2.14	1.31	2.06	34.40	ppb
Strontium	88-1	2.61	1.66	1.08	1.78	43.17	ppb
Sulfur	34-1	-174.22	-167.76	-174.90	-172.29		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.07	0.06	0.08	29.82	ppb
Thallium	205-1	0.11	0.08	0.06	0.08	29.62	ppb
Tin	118-1	0.11	0.10	0.07	0.09	21.76	ppb
Titanium	47-1	1.05	0.69	0.41	0.72	44.25	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.06	0.04	0.07	39.85	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	6.35	ppb
Yttrium	89-1				90		%
Yttrium	89-2				92		%
Zinc	66-2	0.47	0.45	0.35	0.43	15.37	ppb
Zirconium	90-1	0.14	0.09	0.08	0.10	31.59	ppb
Zirconium	91-1	0.13	0.11	0.07	0.11	28.61	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.25	-0.13	-0.18		ppb
Antimony	121-1	0.02	0.03	0.02	0.02	6.85	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.00	0.00	-0.02	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.05	-0.05	-0.05		ppb
Cadmium	106-1	-0.96	-1.12	-0.95	-1.01		ppb
Cadmium	111-1	-0.07	-0.08	-0.07	-0.07		ppb
Calcium	43-1	-4.59	-2.31	-0.89	-2.59		ppb
Calcium	44-1	-4.30	-4.62	-3.59	-4.17		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.04	-0.02		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.03	0.03	0.03	15.64	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				99		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	-0.13	-0.16	-0.13	-0.14		ppb
Iron	57-2	-1.36	-1.68	-2.01	-1.69		ppb
Iron	54-2	0.53	-0.13	-0.26	0.05	928.87	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.01	0.01	20.28	ppb
Lead	207-1	0.00	0.01	0.00	0.01	112.67	ppb
Lead	208-1	0.00	0.01	0.00	0.01	73.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.19	-0.26	0.17	0.03	773.38	ppb
Manganese	55-2	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.00	0.03	0.00	0.01	198.62	ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	123.10	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	56.71	ppb
Molybdenum	97-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	58.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	-19.05	-15.29	-14.72	-16.35		ppb
Potassium	39-2	-3.78	-0.81	-0.60	-1.73		ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.14	0.15	0.10	0.13	22.38	ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.22	-0.52	-1.00	-0.58		ppb
Silicon	28-1	-81.47	-83.00	-82.00	-82.16		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	161.63	ppb
Sodium	23-2	5.98	4.98	5.76	5.57	9.39	ppb
Strontium	86-1	-0.05	-0.17	0.20	0.00		ppb
Strontium	88-1	-0.05	0.02	0.05	0.01	717.70	ppb
Sulfur	34-1	36.33	44.43	58.29	46.35	23.96	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.00	0.00	0.00	321.88	ppb
Titanium	47-1	-0.01	-0.05	-0.01	-0.02		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	221.18	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	-0.05	0.00	0.04	0.00		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	66.68	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	127.57	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.18	35.11	35.52	34.94	1.97	ppb
Antimony	121-1	3.90	3.96	3.92	3.93	0.81	ppb
Arsenic	75-2	1.94	2.21	2.04	2.06	6.58	ppb
Barium	135-1	18.46	18.90	18.65	18.67	1.18	ppb
Barium	137-1	18.74	18.96	18.70	18.80	0.76	ppb
Beryllium	9-1	2.01	2.04	1.99	2.01	1.27	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.16	2.11	1.90	2.06	6.57	ppb
Cadmium	106-1	1.45	0.84	1.14	1.14	26.60	ppb
Cadmium	111-1	2.00	2.05	1.97	2.01	1.93	ppb
Calcium	43-1	981.74	1010.57	989.70	994.00	1.50	ppb
Calcium	44-1	989.13	999.41	978.32	988.95	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.67	3.71	3.67	3.69	0.65	ppb
Cobalt	59-2	1.92	1.91	1.92	1.91	0.34	ppb
Copper	63-2	4.19	4.21	4.13	4.17	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				102		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	393.15	394.23	382.97	390.12	1.59	ppb
Iron	57-2	394.02	399.23	396.72	396.66	0.66	ppb
Iron	54-2	400.43	400.49	398.21	399.71	0.32	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.70	1.77	1.74	1.74	2.15	ppb
Lead	207-1	1.71	1.75	1.72	1.73	1.06	ppb
Lead	208-1	1.68	1.74	1.72	1.71	1.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	901.31	906.66	894.52	900.83	0.68	ppb
Manganese	55-2	1.71	1.61	1.71	1.68	3.44	ppb
Molybdenum	94-1	10.73	11.09	10.93	10.92	1.65	ppb
Molybdenum	95-1	8.91	9.31	9.16	9.12	2.19	ppb
Molybdenum	96-1	9.12	9.42	9.36	9.30	1.71	ppb
Molybdenum	97-1	9.06	9.27	9.11	9.15	1.22	ppb
Molybdenum	98-1	8.99	9.10	9.13	9.07	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	2.03	1.93	1.98	2.55	ppb
Phosphorus	31-2	24.89	36.13	27.71	29.58	19.78	ppb
Potassium	39-2	970.40	977.32	974.18	973.97	0.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	9.71	9.85	9.54	9.70	1.60	ppb
Selenium	77-2	9.46	8.62	9.01	9.03	4.63	ppb
Selenium	78-2	9.76	10.37	9.89	10.01	3.19	ppb
Silicon	28-1	-57.46	-57.59	-59.40	-58.15		ppb
Silver	107-1	1.99	2.03	2.04	2.02	1.32	ppb
Silver	109-1	2.02	2.03	2.06	2.04	1.15	ppb
Sodium	23-2	894.00	901.46	888.15	894.54	0.75	ppb
Strontium	86-1	45.39	47.70	47.35	46.81	2.66	ppb
Strontium	88-1	45.78	47.34	46.35	46.49	1.70	ppb
Sulfur	34-1	155.25	31.41	43.27	76.64	89.15	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.79	1.83	1.82	1.81	1.03	ppb
Thallium	205-1	1.78	1.84	1.84	1.82	1.98	ppb
Tin	118-1	10.02	9.98	10.01	10.00	0.19	ppb
Titanium	47-1	2.11	2.03	2.07	2.07	1.89	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.71	1.69	1.68	1.79	ppb
Vanadium	51-2	9.54	9.60	9.58	9.57	0.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	9.46	9.67	9.26	9.46	2.19	ppb
Zirconium	90-1	1.83	1.90	1.82	1.85	2.29	ppb
Zirconium	91-1	1.80	1.86	1.87	1.84	2.01	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.26	16.07	16.32	16.22	0.81	ppb
Antimony	121-1	2.00	1.97	1.97	1.98	0.93	ppb
Arsenic	75-2	0.98	1.03	1.02	1.01	2.59	ppb
Barium	135-1	9.55	9.36	9.49	9.47	1.03	ppb
Barium	137-1	9.62	9.62	9.45	9.57	1.02	ppb
Beryllium	9-1	0.89	0.98	0.95	0.94	5.10	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.95	0.89	0.91	3.87	ppb
Cadmium	106-1	0.91	0.80	0.60	0.77	20.64	ppb
Cadmium	111-1	1.03	0.99	1.00	1.01	1.86	ppb
Calcium	43-1	503.50	481.98	486.08	490.52	2.33	ppb
Calcium	44-1	496.37	485.10	489.19	490.22	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.91	1.80	1.88	3.88	ppb
Cobalt	59-2	0.99	0.95	0.96	0.96	2.10	ppb
Copper	63-2	2.30	2.21	2.25	2.25	1.99	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				103		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	196.30	194.04	193.86	194.73	0.70	ppb
Iron	57-2	200.73	196.20	194.93	197.29	1.55	ppb
Iron	54-2	200.74	197.87	199.88	199.49	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.84	0.83	0.84	1.95	ppb
Lead	207-1	0.85	0.80	0.82	0.83	2.93	ppb
Lead	208-1	0.84	0.82	0.82	0.83	1.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	451.03	442.96	451.91	448.64	1.10	ppb
Manganese	55-2	0.71	0.74	0.74	0.73	2.71	ppb
Molybdenum	94-1	5.28	5.35	5.50	5.37	2.07	ppb
Molybdenum	95-1	4.56	4.42	4.38	4.45	2.17	ppb
Molybdenum	96-1	4.66	4.60	4.68	4.65	0.92	ppb
Molybdenum	97-1	4.54	4.53	4.42	4.50	1.38	ppb
Molybdenum	98-1	4.49	4.51	4.56	4.52	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	0.95	1.09	1.05	8.28	ppb
Phosphorus	31-2	5.17	6.06	10.34	7.19	38.43	ppb
Potassium	39-2	491.30	483.59	485.77	486.89	0.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	4.74	4.56	4.55	4.62	2.36	ppb
Selenium	77-2	5.31	4.40	6.01	5.24	15.41	ppb
Selenium	78-2	5.31	4.41	5.09	4.94	9.48	ppb
Silicon	28-1	-64.23	-69.37	-68.78	-67.46		ppb
Silver	107-1	1.04	1.01	1.05	1.03	1.79	ppb
Silver	109-1	1.03	1.01	1.01	1.01	1.14	ppb
Sodium	23-2	449.67	442.15	444.22	445.35	0.87	ppb
Strontium	86-1	24.23	23.70	24.68	24.20	2.03	ppb
Strontium	88-1	23.57	23.64	23.43	23.54	0.46	ppb
Sulfur	34-1	40.56	-53.10	12.94	0.13	35840.87	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.89	0.91	0.88	0.89	1.27	ppb
Thallium	205-1	0.91	0.91	0.91	0.91	0.20	ppb
Tin	118-1	5.17	5.07	5.10	5.11	1.07	ppb
Titanium	47-1	1.00	0.96	0.90	0.95	5.27	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.82	0.81	0.82	1.50	ppb
Vanadium	51-2	4.81	4.82	4.78	4.81	0.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	4.60	4.57	4.92	4.69	4.16	ppb
Zirconium	90-1	0.92	0.89	0.92	0.91	1.72	ppb
Zirconium	91-1	0.91	0.92	0.95	0.93	1.85	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	0.09	-0.10	-0.05		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	185.37	ppb
Arsenic	75-2	-0.02	0.01	0.01	0.00		ppb
Barium	135-1	-0.01	-0.01	0.00	0.00		ppb
Barium	137-1	-0.02	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.04	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.02	-0.04	-0.01		ppb
Cadmium	106-1	0.30	-0.17	0.24	0.12	207.03	ppb
Cadmium	111-1	0.02	-0.03	0.02	0.00	571.66	ppb
Calcium	43-1	-0.51	-3.18	-2.09	-1.92		ppb
Calcium	44-1	-4.03	-4.51	-4.30	-4.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	0.02	0.00	241.85	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				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	-0.22	-0.11	-0.25	-0.19		ppb
Iron	57-2	-1.11	-0.68	-1.04	-0.94		ppb
Iron	54-2	-0.46	0.03	0.13	-0.10		ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.02	-0.01	0.00	-0.01		ppb
Lead	207-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				102		%
Magnesium	24-2	0.64	-0.14	-0.27	0.08	636.66	ppb
Manganese	55-2	-0.04	-0.04	-0.02	-0.03		ppb
Molybdenum	94-1	0.00	0.00	0.02	0.01	179.17	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	0.02	0.02	0.01	196.66	ppb
Molybdenum	97-1	0.01	-0.02	0.00	0.00		ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.03	-0.02		ppb
Phosphorus	31-2	-18.40	-18.12	-19.68	-18.74		ppb
Potassium	39-2	-2.00	-1.26	-1.35	-1.54		ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	-0.18	-0.06	-0.05	-0.09		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.17	-0.08	-0.15	-0.13		ppb
Silicon	28-1	-75.95	-76.98	-78.57	-77.16		ppb
Silver	107-1	0.00	0.01	0.01	0.01	45.92	ppb
Silver	109-1	0.00	0.01	0.01	0.01	32.78	ppb
Sodium	23-2	1.48	1.47	2.01	1.66	18.76	ppb
Strontium	86-1	0.09	0.09	0.26	0.15	68.09	ppb
Strontium	88-1	-0.02	-0.04	-0.02	-0.03		ppb
Sulfur	34-1	72.15	50.33	58.53	60.33	18.27	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	72.34	ppb
Tin	118-1	0.01	0.01	0.00	0.01	56.88	ppb
Titanium	47-1	0.02	-0.02	0.00	0.00	1582.19	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	30.93	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	-0.09	-0.12	-0.11	-0.11		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	109.68	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	294.74	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.66	35.81	34.39	35.29	2.21	ppb
Antimony	121-1	3.96	3.94	3.94	3.95	0.28	ppb
Arsenic	75-2	2.17	1.91	2.13	2.07	6.84	ppb
Barium	135-1	19.04	18.86	19.31	19.07	1.19	ppb
Barium	137-1	19.11	19.08	19.23	19.14	0.43	ppb
Beryllium	9-1	1.99	1.87	1.71	1.86	7.43	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.09	2.16	2.09	2.11	1.94	ppb
Cadmium	106-1	2.08	2.61	2.15	2.28	12.65	ppb
Cadmium	111-1	2.06	2.06	2.06	2.06	0.18	ppb
Calcium	43-1	974.96	1002.16	987.02	988.05	1.38	ppb
Calcium	44-1	1007.22	990.77	990.08	996.02	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.75	3.73	3.77	3.75	0.64	ppb
Cobalt	59-2	1.91	1.92	1.89	1.90	0.73	ppb
Copper	63-2	4.16	4.17	4.20	4.18	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				105		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	392.86	396.10	392.66	393.87	0.49	ppb
Iron	57-2	393.07	401.34	400.51	398.31	1.14	ppb
Iron	54-2	403.06	401.91	399.41	401.46	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.73	1.77	1.73	1.74	1.41	ppb
Lead	207-1	1.71	1.75	1.73	1.73	1.32	ppb
Lead	208-1	1.71	1.72	1.71	1.71	0.34	ppb
Lithium	6-1				104		%
Magnesium	24-2	907.90	901.95	900.66	903.50	0.43	ppb
Manganese	55-2	1.70	1.69	1.76	1.72	2.28	ppb
Molybdenum	94-1	11.06	10.98	11.00	11.01	0.38	ppb
Molybdenum	95-1	9.22	9.09	9.07	9.13	0.86	ppb
Molybdenum	96-1	9.27	9.28	9.28	9.27	0.07	ppb
Molybdenum	97-1	9.19	9.08	9.17	9.15	0.61	ppb
Molybdenum	98-1	9.09	9.25	9.23	9.19	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	2.02	2.07	2.03	2.06	ppb
Phosphorus	31-2	28.00	25.68	23.35	25.68	9.05	ppb
Potassium	39-2	970.39	980.80	967.78	972.99	0.71	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	10.43	9.67	9.61	9.90	4.62	ppb
Selenium	77-2	11.16	7.75	11.35	10.09	20.08	ppb
Selenium	78-2	9.17	9.27	9.18	9.21	0.60	ppb
Silicon	28-1	-59.82	-60.38	-60.70	-60.30		ppb
Silver	107-1	2.03	2.04	2.06	2.04	0.75	ppb
Silver	109-1	2.06	2.11	2.05	2.07	1.51	ppb
Sodium	23-2	895.00	896.55	893.38	894.98	0.18	ppb
Strontium	86-1	47.93	46.85	47.05	47.28	1.22	ppb
Strontium	88-1	47.50	47.28	47.23	47.34	0.30	ppb
Sulfur	34-1	81.29	46.52	80.56	69.46	28.61	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1.85	1.82	1.79	1.82	1.49	ppb
Thallium	205-1	1.84	1.85	1.81	1.83	1.11	ppb
Tin	118-1	10.20	10.03	10.15	10.12	0.83	ppb
Titanium	47-1	2.10	2.18	2.01	2.10	4.27	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.67	1.68	1.65	1.67	0.89	ppb
Vanadium	51-2	9.55	9.63	9.61	9.60	0.41	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	9.37	9.71	9.56	9.55	1.79	ppb
Zirconium	90-1	1.88	1.82	1.86	1.85	1.52	ppb
Zirconium	91-1	1.87	1.89	1.87	1.88	0.42	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.76	16.33	16.44	16.18	2.24	ppb
Antimony	121-1	1.98	2.01	1.98	1.99	0.99	ppb
Arsenic	75-2	1.13	0.90	1.00	1.01	11.71	ppb
Barium	135-1	9.47	9.61	9.36	9.48	1.35	ppb
Barium	137-1	9.52	9.56	9.47	9.51	0.47	ppb
Beryllium	9-1	1.07	0.97	0.93	0.99	7.58	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	1.12	0.98	1.05	6.39	ppb
Cadmium	106-1	1.75	2.18	1.32	1.75	24.56	ppb
Cadmium	111-1	1.10	1.10	1.08	1.09	0.72	ppb
Calcium	43-1	501.12	497.66	485.88	494.89	1.62	ppb
Calcium	44-1	493.30	496.34	486.45	492.03	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.83	1.80	1.83	1.26	ppb
Cobalt	59-2	0.96	0.92	0.95	0.94	1.72	ppb
Copper	63-2	2.32	2.22	2.20	2.25	2.88	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				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	194.79	197.31	194.94	195.68	0.72	ppb
Iron	57-2	195.17	199.06	193.18	195.80	1.53	ppb
Iron	54-2	199.06	200.63	200.02	199.90	0.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.84	0.89	0.86	2.89	ppb
Lead	207-1	0.82	0.86	0.84	0.84	1.90	ppb
Lead	208-1	0.83	0.84	0.84	0.84	0.61	ppb
Lithium	6-1				106		%
Magnesium	24-2	451.66	452.51	448.67	450.95	0.45	ppb
Manganese	55-2	0.78	0.77	0.73	0.76	3.14	ppb
Molybdenum	94-1	5.49	5.51	5.28	5.43	2.32	ppb
Molybdenum	95-1	4.46	4.62	4.49	4.52	1.89	ppb
Molybdenum	96-1	4.60	4.61	4.53	4.58	0.96	ppb
Molybdenum	97-1	4.57	4.54	4.42	4.51	1.76	ppb
Molybdenum	98-1	4.46	4.58	4.50	4.51	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.03	1.01	1.02	0.74	ppb
Phosphorus	31-2	5.34	3.46	5.30	4.70	22.85	ppb
Potassium	39-2	489.70	489.95	484.32	487.99	0.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	4.89	4.73	5.06	4.89	3.36	ppb
Selenium	77-2	5.50	5.18	4.99	5.22	4.85	ppb
Selenium	78-2	5.24	4.29	3.81	4.45	16.37	ppb
Silicon	28-1	-70.33	-71.07	-72.34	-71.25		ppb
Silver	107-1	1.03	1.02	1.02	1.03	0.79	ppb
Silver	109-1	1.03	1.04	1.04	1.04	0.66	ppb
Sodium	23-2	444.92	448.63	443.95	445.83	0.55	ppb
Strontium	86-1	24.50	23.96	24.42	24.29	1.19	ppb
Strontium	88-1	23.57	23.56	23.55	23.56	0.04	ppb
Sulfur	34-1	100.60	100.35	104.85	101.93	2.48	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.88	0.89	0.89	0.89	1.03	ppb
Thallium	205-1	0.90	0.95	0.93	0.93	2.45	ppb
Tin	118-1	5.18	5.16	5.06	5.13	1.25	ppb
Titanium	47-1	0.92	1.00	0.89	0.93	6.00	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.85	0.84	0.84	0.61	ppb
Vanadium	51-2	4.82	4.82	4.87	4.84	0.59	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	4.76	4.77	4.81	4.78	0.51	ppb
Zirconium	90-1	0.93	0.93	0.91	0.92	1.66	ppb
Zirconium	91-1	0.89	0.94	0.90	0.91	2.83	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	-0.07	-0.45	-0.33		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	53.63	ppb
Arsenic	75-2	-0.03	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.02	-0.01	0.00	0.00	433.89	ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	-0.03	-0.03	-0.01	-0.02		ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	-0.04	-0.06	-0.05		ppb
Cadmium	106-1	0.75	1.02	0.52	0.76	33.12	ppb
Cadmium	111-1	0.05	0.06	0.03	0.05	27.84	ppb
Calcium	43-1	-1.49	-2.57	-1.61	-1.89		ppb
Calcium	44-1	-4.33	-4.80	-5.41	-4.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.03	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.02	-0.01	0.02	0.01	181.84	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				102		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	-0.14	0.01	0.00	-0.04		ppb
Iron	57-2	-1.74	-1.25	-1.83	-1.61		ppb
Iron	54-2	-1.00	-0.41	0.31	-0.37		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.00	0.00	0.00		ppb
Lead	207-1	-0.01	-0.02	-0.02	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				104		%
Magnesium	24-2	0.17	-0.35	-0.39	-0.19		ppb
Manganese	55-2	-0.03	-0.01	-0.03	-0.02		ppb
Molybdenum	94-1	0.02	0.01	0.02	0.02	35.75	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	33.99	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	82.11	ppb
Molybdenum	97-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.02	-0.07	-0.05		ppb
Phosphorus	31-2	-15.93	-16.80	-15.76	-16.16		ppb
Potassium	39-2	1.24	0.47	0.42	0.71	65.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.23	-0.07	-0.50	-0.27		ppb
Selenium	77-2	-0.10	0.04	-0.10	-0.05		ppb
Selenium	78-2	0.57	-1.12	-0.53	-0.36		ppb
Silicon	28-1	-77.98	-78.52	-79.76	-78.75		ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.77	ppb
Silver	109-1	0.01	0.01	0.00	0.01	74.59	ppb
Sodium	23-2	2.08	2.20	1.99	2.09	4.94	ppb
Strontium	86-1	-0.07	0.27	0.02	0.07	243.00	ppb
Strontium	88-1	-0.04	-0.01	0.00	-0.02		ppb
Sulfur	34-1	272.49	288.23	167.07	242.60	27.15	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.00	0.01	0.00	127.84	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.36	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	-0.03	-0.03	-0.02	-0.03		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	41.63	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	-0.08	-0.02	-0.06	-0.05		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	79.68	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.91	35.68	36.06	35.55	1.64	ppb
Antimony	121-1	3.74	4.03	4.02	3.93	4.31	ppb
Arsenic	75-2	1.90	1.97	2.05	1.98	3.64	ppb
Barium	135-1	17.86	19.19	19.09	18.71	3.94	ppb
Barium	137-1	17.89	19.36	19.31	18.85	4.41	ppb
Beryllium	9-1	1.70	1.88	2.06	1.88	9.68	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.84	2.24	2.19	2.09	10.61	ppb
Cadmium	106-1	2.23	3.26	1.84	2.44	30.05	ppb
Cadmium	111-1	1.95	2.19	2.12	2.09	6.09	ppb
Calcium	43-1	925.49	1013.78	1003.92	981.06	4.93	ppb
Calcium	44-1	919.41	1011.55	992.57	974.51	4.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.55	3.80	3.82	3.72	4.05	ppb
Cobalt	59-2	1.89	1.94	1.94	1.92	1.40	ppb
Copper	63-2	4.14	4.24	4.28	4.22	1.64	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				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	388.71	397.45	391.31	392.49	1.14	ppb
Iron	57-2	392.79	403.18	395.50	397.16	1.36	ppb
Iron	54-2	395.03	404.40	410.67	403.37	1.95	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.68	1.68	1.78	1.71	3.33	ppb
Lead	207-1	1.60	1.73	1.73	1.69	4.63	ppb
Lead	208-1	1.63	1.72	1.73	1.69	2.99	ppb
Lithium	6-1				106		%
Magnesium	24-2	892.14	921.24	917.34	910.24	1.74	ppb
Manganese	55-2	1.67	1.73	1.71	1.71	1.71	ppb
Molybdenum	94-1	10.36	10.95	10.93	10.75	3.16	ppb
Molybdenum	95-1	8.50	9.33	9.23	9.02	4.99	ppb
Molybdenum	96-1	8.82	9.34	9.37	9.18	3.37	ppb
Molybdenum	97-1	8.78	9.09	9.26	9.04	2.69	ppb
Molybdenum	98-1	8.62	9.13	9.11	8.95	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	1.95	2.01	1.98	1.49	ppb
Phosphorus	31-2	25.31	19.75	35.34	26.80	29.49	ppb
Potassium	39-2	953.87	989.90	991.99	978.59	2.19	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	9.15	9.48	9.12	9.25	2.15	ppb
Selenium	77-2	8.74	12.73	9.67	10.38	20.12	ppb
Selenium	78-2	10.90	10.20	10.44	10.51	3.36	ppb
Silicon	28-1	-68.86	-56.91	-58.53	-61.43		ppb
Silver	107-1	1.91	2.12	2.08	2.04	5.41	ppb
Silver	109-1	1.95	2.04	2.07	2.02	3.20	ppb
Sodium	23-2	881.76	907.87	907.64	899.09	1.67	ppb
Strontium	86-1	45.51	48.47	48.19	47.39	3.44	ppb
Strontium	88-1	43.91	46.79	47.80	46.17	4.37	ppb
Sulfur	34-1	-112.49	215.00	90.34	64.29	257.12	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	1.69	1.87	1.87	1.81	5.74	ppb
Thallium	205-1	1.71	1.81	1.82	1.78	3.32	ppb
Tin	118-1	9.61	10.07	10.15	9.95	2.91	ppb
Titanium	47-1	1.93	2.08	2.18	2.06	5.90	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.57	1.70	1.68	1.65	4.09	ppb
Vanadium	51-2	9.48	9.65	9.69	9.61	1.12	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	9.67	9.64	9.86	9.73	1.25	ppb
Zirconium	90-1	1.73	1.84	1.85	1.80	3.80	ppb
Zirconium	91-1	1.75	1.88	1.90	1.85	4.43	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.38	22.48	22.48	22.78	2.27	ppb
Antimony	121-1	2.02	2.02	1.99	2.01	0.81	ppb
Arsenic	75-2	1.11	1.02	1.22	1.11	9.16	ppb
Barium	135-1	9.35	9.70	9.69	9.58	2.11	ppb
Barium	137-1	9.36	9.73	9.76	9.62	2.29	ppb
Beryllium	9-1	0.83	0.98	1.01	0.94	10.17	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.98	0.89	0.86	0.91	6.86	ppb
Cadmium	106-1	1.53	1.47	1.18	1.39	13.62	ppb
Cadmium	111-1	1.04	1.06	1.04	1.05	0.66	ppb
Calcium	43-1	484.62	494.52	500.22	493.12	1.60	ppb
Calcium	44-1	482.92	499.42	507.95	496.76	2.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.85	1.89	1.88	1.51	ppb
Cobalt	59-2	0.99	0.98	0.99	0.99	0.84	ppb
Copper	63-2	2.29	2.30	2.34	2.31	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				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	200.36	199.32	200.75	200.15	0.37	ppb
Iron	57-2	202.41	197.62	203.98	201.34	1.64	ppb
Iron	54-2	204.53	204.99	204.24	204.59	0.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.83	0.85	0.87	0.85	2.39	ppb
Lead	207-1	0.84	0.82	0.84	0.83	1.21	ppb
Lead	208-1	0.81	0.83	0.86	0.83	2.90	ppb
Lithium	6-1				106		%
Magnesium	24-2	461.52	457.98	463.76	461.09	0.63	ppb
Manganese	55-2	0.80	0.78	0.74	0.77	4.05	ppb
Molybdenum	94-1	5.34	5.49	5.65	5.49	2.84	ppb
Molybdenum	95-1	4.44	4.54	4.64	4.54	2.17	ppb
Molybdenum	96-1	4.51	4.68	4.71	4.64	2.36	ppb
Molybdenum	97-1	4.52	4.60	4.61	4.58	1.10	ppb
Molybdenum	98-1	4.48	4.62	4.74	4.61	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.11	1.01	1.06	4.32	ppb
Phosphorus	31-2	7.90	11.62	8.22	9.24	22.29	ppb
Potassium	39-2	505.03	502.43	504.70	504.05	0.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	4.63	4.60	5.27	4.83	7.82	ppb
Selenium	77-2	5.24	4.79	4.79	4.94	5.18	ppb
Selenium	78-2	5.66	4.72	6.70	5.70	17.37	ppb
Silicon	28-1	-71.33	-69.89	-66.32	-69.18		ppb
Silver	107-1	0.99	1.03	1.07	1.03	3.82	ppb
Silver	109-1	0.98	1.05	1.04	1.03	3.65	ppb
Sodium	23-2	459.96	456.83	458.13	458.31	0.34	ppb
Strontium	86-1	23.24	23.97	23.79	23.67	1.61	ppb
Strontium	88-1	23.24	24.30	24.30	23.95	2.57	ppb
Sulfur	34-1	-103.64	-8.79	76.08	-12.12		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.88	0.89	0.95	0.90	3.94	ppb
Thallium	205-1	0.89	0.93	0.95	0.92	3.41	ppb
Tin	118-1	5.00	5.20	5.24	5.14	2.44	ppb
Titanium	47-1	0.96	0.89	0.99	0.95	5.40	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.85	0.85	0.83	2.82	ppb
Vanadium	51-2	4.97	4.86	4.96	4.93	1.20	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	4.86	4.85	5.08	4.93	2.56	ppb
Zirconium	90-1	0.90	0.94	0.97	0.94	3.51	ppb
Zirconium	91-1	0.92	0.96	0.98	0.95	3.42	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39042.71	38905.69	38894.23	38947.54	0.21	ppb
Antimony	121-1	0.23	0.23	0.24	0.23	4.20	ppb
Arsenic	75-2	67.81	66.42	66.54	66.93	1.15	ppb
Barium	135-1	300.32	304.63	302.05	302.33	0.72	ppb
Barium	137-1	314.46	314.92	310.97	313.45	0.69	ppb
Beryllium	9-1	1.36	1.38	1.37	1.37	0.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.30	1.22	1.42	1.31	7.43	ppb
Cadmium	106-1	3.12	2.31	1.68	2.37	30.27	ppb
Cadmium	111-1	0.64	0.67	0.63	0.65	3.08	ppb
Calcium	43-1	29316.16	30343.54	31329.63	30329.78	3.32	ppb
Calcium	44-1	29521.41	29927.75	29914.65	29787.94	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.04	54.25	54.27	54.19	0.24	ppb
Cobalt	59-2	42.55	42.76	42.35	42.55	0.49	ppb
Copper	63-2	95.26	94.92	94.98	95.05	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				106		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	97502.63	97035.58	97753.25	97430.49	0.37	ppb
Iron	57-2	95914.95	95187.39	94564.06	95222.13	0.71	ppb
Iron	54-2	97238.22	97230.38	97565.51	97344.71	0.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.70	36.28	36.38	36.45	0.61	ppb
Lead	207-1	35.13	35.41	35.27	35.27	0.40	ppb
Lead	208-1	35.26	35.30	35.05	35.20	0.38	ppb
Lithium	6-1				103		%
Magnesium	24-2	18081.00	18320.51	18217.04	18206.18	0.66	ppb
Manganese	55-2	1741.69	1752.54	1747.20	1747.14	0.31	ppb
Molybdenum	94-1	13.11	13.33	13.82	13.42	2.73	ppb
Molybdenum	95-1	0.59	0.60	0.60	0.60	0.91	ppb
Molybdenum	96-1	2.52	2.59	2.56	2.56	1.41	ppb
Molybdenum	97-1	0.58	0.60	0.61	0.60	2.20	ppb
Molybdenum	98-1	0.58	0.58	0.58	0.58	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.64	49.08	48.31	48.68	0.79	ppb
Phosphorus	31-2	2869.61	2883.62	2921.59	2891.61	0.93	ppb
Potassium	39-2	5559.19	5551.43	5532.51	5547.71	0.25	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	1.10	1.13	0.85	1.03	15.09	ppb
Selenium	77-2	13.63	12.67	13.81	13.37	4.60	ppb
Selenium	78-2	2.79	1.93	2.66	2.46	18.90	ppb
Silicon	28-1	6537.61	6114.46	6205.08	6285.71	3.54	ppb
Silver	107-1	0.13	0.14	0.13	0.13	5.55	ppb
Silver	109-1	0.12	0.12	0.11	0.11	3.16	ppb
Sodium	23-2	145.29	151.39	139.93	145.53	3.94	ppb
Strontium	86-1	1445.09	1490.17	1481.64	1472.30	1.63	ppb
Strontium	88-1	1506.97	1499.90	1507.70	1504.85	0.29	ppb
Sulfur	34-1	-90.09	-222.61	-315.27	-209.32		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.22	0.21	0.22	2.55	ppb
Thallium	205-1	0.22	0.24	0.24	0.23	3.55	ppb
Tin	118-1	1.13	1.24	1.47	1.28	13.47	ppb
Titanium	47-1	485.17	496.18	492.48	491.28	1.14	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.86	0.87	0.87	0.75	ppb
Vanadium	51-2	169.76	170.45	169.04	169.75	0.42	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	200.99	202.50	203.55	202.35	0.64	ppb
Zirconium	90-1	7.00	7.09	7.08	7.06	0.73	ppb
Zirconium	91-1	7.17	7.37	7.23	7.26	1.45	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38194.06	38284.70	38519.34	38332.70	0.44	ppb
Antimony	121-1	0.64	0.69	0.70	0.68	4.56	ppb
Arsenic	75-2	66.65	65.85	66.87	66.46	0.80	ppb
Barium	135-1	276.53	296.94	299.93	291.13	4.37	ppb
Barium	137-1	285.38	312.33	312.10	303.27	5.11	ppb
Beryllium	9-1	1.73	1.90	1.84	1.83	4.70	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	1.42	1.67	1.51	9.00	ppb
Cadmium	106-1	3.03	2.10	2.81	2.65	18.42	ppb
Cadmium	111-1	1.08	1.06	1.14	1.09	4.02	ppb
Calcium	43-1	28896.78	30818.45	31250.08	30321.77	4.13	ppb
Calcium	44-1	27511.42	29817.00	29818.71	29049.04	4.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.27	53.27	53.91	53.48	0.69	ppb
Cobalt	59-2	42.07	42.39	42.63	42.36	0.67	ppb
Copper	63-2	96.44	96.49	97.65	96.86	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				108		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	96213.38	95099.35	95614.79	95642.51	0.58	ppb
Iron	57-2	93879.98	94776.24	94931.06	94529.09	0.60	ppb
Iron	54-2	95523.29	95908.54	95999.77	95810.53	0.26	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.81	37.96	38.36	37.04	5.24	ppb
Lead	207-1	33.87	36.88	36.87	35.88	4.83	ppb
Lead	208-1	33.89	36.72	37.13	35.91	4.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	17990.43	18075.47	17982.28	18016.06	0.29	ppb
Manganese	55-2	1738.38	1729.30	1722.09	1729.92	0.47	ppb
Molybdenum	94-1	15.76	16.79	16.72	16.42	3.52	ppb
Molybdenum	95-1	4.63	4.83	4.95	4.81	3.32	ppb
Molybdenum	96-1	6.33	6.76	6.77	6.62	3.82	ppb
Molybdenum	97-1	4.63	4.99	4.95	4.86	3.99	ppb
Molybdenum	98-1	4.61	4.91	4.95	4.82	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.73	48.23	48.42	48.13	0.75	ppb
Phosphorus	31-2	2872.21	2830.39	2895.17	2865.92	1.15	ppb
Potassium	39-2	5502.63	5528.45	5590.02	5540.37	0.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	1.51	1.71	1.40	1.54	10.28	ppb
Selenium	77-2	16.45	13.56	13.68	14.56	11.22	ppb
Selenium	78-2	1.90	1.87	1.15	1.64	25.69	ppb
Silicon	28-1	5527.28	5935.03	5908.08	5790.13	3.94	ppb
Silver	107-1	0.58	0.61	0.62	0.60	3.57	ppb
Silver	109-1	0.57	0.60	0.60	0.59	2.95	ppb
Sodium	23-2	355.75	360.19	358.77	358.24	0.63	ppb
Strontium	86-1	1375.70	1451.91	1460.54	1429.38	3.27	ppb
Strontium	88-1	1388.07	1476.65	1500.28	1455.00	4.07	ppb
Sulfur	34-1	-779.20	-665.91	-625.60	-690.24		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.63	0.67	0.70	0.67	5.94	ppb
Thallium	205-1	0.63	0.68	0.70	0.67	5.18	ppb
Tin	118-1	0.76	0.88	1.05	0.90	16.21	ppb
Titanium	47-1	450.47	484.12	485.20	473.26	4.17	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.28	1.31	1.26	5.06	ppb
Vanadium	51-2	166.84	166.47	168.30	167.20	0.58	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	205.53	204.90	207.48	205.97	0.65	ppb
Zirconium	90-1	6.48	6.93	7.03	6.81	4.32	ppb
Zirconium	91-1	6.68	7.12	6.97	6.92	3.20	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8228.87	8213.46	8255.00	8232.44	0.26	ppb
Antimony	121-1	0.12	0.11	0.13	0.12	5.99	ppb
Arsenic	75-2	15.19	15.12	14.76	15.02	1.56	ppb
Barium	135-1	60.49	61.18	61.90	61.19	1.15	ppb
Barium	137-1	61.05	61.79	62.96	61.93	1.56	ppb
Beryllium	9-1	0.27	0.36	0.36	0.33	14.88	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.22	0.33	0.29	20.28	ppb
Cadmium	106-1	0.26	0.16	0.24	0.22	25.19	ppb
Cadmium	111-1	0.19	0.19	0.19	0.19	0.68	ppb
Calcium	43-1	6532.92	6629.10	6705.02	6622.35	1.30	ppb
Calcium	44-1	6242.36	6319.67	6394.63	6318.89	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.38	11.48	11.49	11.45	0.53	ppb
Cobalt	59-2	9.19	9.13	9.24	9.19	0.60	ppb
Copper	63-2	22.55	22.85	22.44	22.61	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				103		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	20695.20	20654.37	20491.16	20613.57	0.52	ppb
Iron	57-2	20590.49	20726.32	20347.66	20554.82	0.93	ppb
Iron	54-2	20552.71	20480.70	20370.36	20467.92	0.45	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.68	7.70	7.88	7.75	1.40	ppb
Lead	207-1	7.35	7.44	7.48	7.43	0.89	ppb
Lead	208-1	7.36	7.39	7.53	7.43	1.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	3868.44	3895.04	3855.90	3873.13	0.52	ppb
Manganese	55-2	371.37	372.19	372.41	371.99	0.15	ppb
Molybdenum	94-1	3.46	3.59	3.50	3.52	1.80	ppb
Molybdenum	95-1	0.89	0.92	0.87	0.90	2.79	ppb
Molybdenum	96-1	1.26	1.32	1.29	1.29	2.29	ppb
Molybdenum	97-1	0.88	0.86	0.86	0.87	1.62	ppb
Molybdenum	98-1	0.89	0.89	0.93	0.90	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.02	10.74	10.96	10.91	1.35	ppb
Phosphorus	31-2	599.57	609.28	606.51	605.12	0.83	ppb
Potassium	39-2	1209.10	1228.16	1219.44	1218.90	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.33	0.27	0.13	0.25	40.76	ppb
Selenium	77-2	2.48	2.03	2.43	2.31	10.65	ppb
Selenium	78-2	0.41	0.09	-0.31	0.07	539.46	ppb
Silicon	28-1	1197.34	1209.01	1244.21	1216.86	2.00	ppb
Silver	107-1	0.12	0.11	0.12	0.12	3.65	ppb
Silver	109-1	0.11	0.12	0.12	0.11	5.74	ppb
Sodium	23-2	72.78	73.48	72.42	72.89	0.74	ppb
Strontium	86-1	321.86	319.33	325.70	322.30	0.99	ppb
Strontium	88-1	319.82	324.05	318.99	320.95	0.85	ppb
Sulfur	34-1	-970.11	-944.66	-875.82	-930.20		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.12	0.12	0.12	0.12	3.59	ppb
Thallium	205-1	0.13	0.13	0.14	0.13	4.97	ppb
Tin	118-1	0.22	0.23	0.27	0.24	10.01	ppb
Titanium	47-1	101.09	102.87	103.20	102.38	1.11	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.24	0.24	2.84	ppb
Vanadium	51-2	35.49	35.67	35.45	35.54	0.34	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	44.77	45.63	44.50	44.97	1.31	ppb
Zirconium	90-1	1.49	1.52	1.52	1.51	1.32	ppb
Zirconium	91-1	1.55	1.54	1.52	1.54	0.97	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39219.71	39519.92	39155.54	39298.39	0.49	ppb
Antimony	121-1	70.99	72.21	70.75	71.32	1.10	ppb
Arsenic	75-2	92.44	92.32	92.15	92.30	0.16	ppb
Barium	135-1	1739.55	1775.49	1727.83	1747.62	1.42	ppb
Barium	137-1	1743.00	1758.98	1717.36	1739.78	1.21	ppb
Beryllium	9-1	36.53	36.99	37.69	37.07	1.57	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.91	35.06	33.94	34.64	1.76	ppb
Cadmium	106-1	35.83	36.06	35.78	35.89	0.41	ppb
Cadmium	111-1	36.77	37.34	36.90	37.00	0.81	ppb
Calcium	43-1	30927.46	31501.91	31585.57	31338.31	1.14	ppb
Calcium	44-1	29855.02	30060.90	30241.29	30052.40	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188.50	186.36	189.59	188.15	0.87	ppb
Cobalt	59-2	380.03	374.06	387.10	380.40	1.72	ppb
Copper	63-2	255.77	254.31	255.64	255.24	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				105		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	96288.89	96010.26	97253.45	96517.54	0.68	ppb
Iron	57-2	95999.02	93109.29	95635.34	94914.55	1.66	ppb
Iron	54-2	96467.76	96117.17	97336.92	96640.62	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.95	52.55	51.98	52.16	0.65	ppb
Lead	207-1	49.56	49.82	49.49	49.62	0.35	ppb
Lead	208-1	49.90	50.25	50.00	50.05	0.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	17937.35	17823.21	17906.02	17888.86	0.33	ppb
Manganese	55-2	2064.40	2057.54	2078.88	2066.94	0.53	ppb
Molybdenum	94-1	16.66	16.72	16.73	16.70	0.23	ppb
Molybdenum	95-1	4.91	4.88	4.83	4.87	0.84	ppb
Molybdenum	96-1	6.75	6.79	6.66	6.73	1.05	ppb
Molybdenum	97-1	5.04	4.91	4.93	4.96	1.49	ppb
Molybdenum	98-1	4.87	4.98	4.81	4.89	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	378.28	373.92	378.85	377.01	0.72	ppb
Phosphorus	31-2	2905.39	2888.33	2806.92	2866.88	1.84	ppb
Potassium	39-2	5607.34	5569.16	5598.45	5591.65	0.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	65.00	62.97	64.07	64.01	1.59	ppb
Selenium	77-2	79.19	83.45	83.20	81.95	2.92	ppb
Selenium	78-2	67.58	67.85	67.22	67.55	0.46	ppb
Silicon	28-1	6032.28	6040.17	6073.55	6048.67	0.36	ppb
Silver	107-1	34.59	35.20	34.81	34.87	0.89	ppb
Silver	109-1	35.14	35.50	35.16	35.27	0.58	ppb
Sodium	23-2	352.08	350.42	350.79	351.09	0.25	ppb
Strontium	86-1	1467.30	1473.23	1441.62	1460.72	1.15	ppb
Strontium	88-1	1487.54	1524.42	1472.61	1494.85	1.78	ppb
Sulfur	34-1	-604.99	-586.31	-522.04	-571.12		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	34.25	34.84	34.69	34.59	0.89	ppb
Thallium	205-1	34.04	34.38	34.34	34.25	0.56	ppb
Tin	118-1	0.94	0.86	0.81	0.87	7.59	ppb
Titanium	47-1	481.17	491.18	488.00	486.78	1.05	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.29	1.29	1.29	0.22	ppb
Vanadium	51-2	504.98	503.29	509.65	505.97	0.65	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	533.16	528.66	530.24	530.69	0.43	ppb
Zirconium	90-1	6.92	7.07	6.85	6.95	1.64	ppb
Zirconium	91-1	7.08	7.05	7.02	7.05	0.47	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42090.36	43318.10	43030.78	42813.08	1.50	ppb
Antimony	121-1	296.12	304.36	307.84	302.77	1.99	ppb
Arsenic	75-2	181.56	178.62	181.28	180.49	0.90	ppb
Barium	135-1	6138.70	6296.22	6290.75	6241.89	1.43	ppb
Barium	137-1	6192.92	6249.18	6314.82	6252.31	0.98	ppb
Beryllium	9-1	144.42	151.63	151.16	149.07	2.71	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.62	142.53	142.93	140.36	2.93	ppb
Cadmium	106-1	138.68	139.62	137.46	138.59	0.78	ppb
Cadmium	111-1	148.42	151.15	150.60	150.06	0.96	ppb
Calcium	43-1	29864.80	30641.37	30542.67	30349.61	1.39	ppb
Calcium	44-1	28518.57	29573.55	29310.40	29134.17	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	623.76	635.72	639.11	632.86	1.27	ppb
Cobalt	59-2	1472.22	1504.51	1492.96	1489.90	1.10	ppb
Copper	63-2	762.91	781.32	788.18	777.47	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				105		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	96811.50	97455.41	97704.16	97323.69	0.47	ppb
Iron	57-2	95936.37	96994.19	97501.43	96810.67	0.82	ppb
Iron	54-2	96693.53	98277.16	97822.45	97597.71	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.76	98.33	98.27	97.12	2.11	ppb
Lead	207-1	88.79	92.22	90.63	90.55	1.89	ppb
Lead	208-1	92.31	96.66	95.82	94.93	2.43	ppb
Lithium	6-1				103		%
Magnesium	24-2	17626.20	17692.73	17763.05	17693.99	0.39	ppb
Manganese	55-2	3098.21	3124.28	3113.32	3111.93	0.42	ppb
Molybdenum	94-1	15.83	16.69	16.82	16.45	3.25	ppb
Molybdenum	95-1	4.77	5.04	5.02	4.94	3.00	ppb
Molybdenum	96-1	6.59	6.97	6.77	6.78	2.80	ppb
Molybdenum	97-1	4.67	5.05	4.94	4.89	3.96	ppb
Molybdenum	98-1	4.82	4.91	4.91	4.88	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1506.32	1533.15	1534.02	1524.49	1.03	ppb
Phosphorus	31-2	2798.73	2824.07	2838.65	2820.48	0.72	ppb
Potassium	39-2	5378.74	5470.41	5449.02	5432.73	0.88	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	271.35	285.56	284.11	280.34	2.79	ppb
Selenium	77-2	301.21	304.49	305.26	303.65	0.71	ppb
Selenium	78-2	297.30	296.76	294.40	296.15	0.52	ppb
Silicon	28-1	5646.48	5901.15	5860.08	5802.57	2.36	ppb
Silver	107-1	110.90	108.35	133.95	117.73	11.98	ppb
Silver	109-1	136.54	121.48	124.73	127.58	6.21	ppb
Sodium	23-2	352.30	356.61	361.12	356.68	1.24	ppb
Strontium	86-1	1387.18	1446.04	1451.14	1428.12	2.49	ppb
Strontium	88-1	1421.05	1483.33	1499.61	1468.00	2.82	ppb
Sulfur	34-1	-642.19	-576.50	-585.00	-601.23		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	150.76	153.50	155.02	153.09	1.41	ppb
Thallium	205-1	148.42	153.72	153.38	151.84	1.95	ppb
Tin	118-1	0.82	0.87	0.91	0.87	4.93	ppb
Titanium	47-1	461.43	478.47	478.68	472.86	2.09	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.30	1.29	1.28	2.49	ppb
Vanadium	51-2	1580.28	1592.16	1593.46	1588.63	0.46	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	1624.10	1677.77	1656.44	1652.77	1.64	ppb
Zirconium	90-1	6.56	6.93	6.98	6.82	3.40	ppb
Zirconium	91-1	6.87	7.12	6.88	6.95	2.02	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10059.86	10239.10	10125.27	10141.41	0.89	ppb
Antimony	121-1	0.50	0.53	0.50	0.51	3.22	ppb
Arsenic	75-2	19.18	18.69	19.45	19.10	2.02	ppb
Barium	135-1	76.35	77.50	77.63	77.16	0.92	ppb
Barium	137-1	77.52	78.75	78.18	78.15	0.79	ppb
Beryllium	9-1	0.82	0.86	0.73	0.80	8.25	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.68	0.66	0.69	4.25	ppb
Cadmium	106-1	-0.23	-0.61	-0.69	-0.51		ppb
Cadmium	111-1	0.54	0.53	0.52	0.53	2.46	ppb
Calcium	43-1	8118.81	8305.54	8317.85	8247.40	1.35	ppb
Calcium	44-1	7890.13	7962.57	8002.26	7951.65	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.36	14.63	14.63	14.54	1.09	ppb
Cobalt	59-2	11.36	11.54	11.60	11.50	1.05	ppb
Copper	63-2	29.15	29.58	29.60	29.45	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				101		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	25239.51	25206.68	25379.50	25275.23	0.36	ppb
Iron	57-2	25302.20	25053.97	25077.51	25144.56	0.54	ppb
Iron	54-2	25122.60	25396.81	25424.99	25314.80	0.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.75	11.00	10.92	10.89	1.20	ppb
Lead	207-1	10.46	10.52	10.72	10.56	1.29	ppb
Lead	208-1	10.43	10.61	10.71	10.58	1.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	4965.72	4942.50	4926.92	4945.05	0.39	ppb
Manganese	55-2	453.65	456.78	461.80	457.41	0.90	ppb
Molybdenum	94-1	7.60	8.04	7.67	7.77	3.06	ppb
Molybdenum	95-1	4.25	4.41	4.49	4.38	2.83	ppb
Molybdenum	96-1	4.73	4.91	4.86	4.83	2.00	ppb
Molybdenum	97-1	4.16	4.42	4.30	4.29	3.02	ppb
Molybdenum	98-1	4.20	4.37	4.40	4.32	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.05	13.32	13.54	13.30	1.84	ppb
Phosphorus	31-2	733.84	749.16	769.43	750.81	2.38	ppb
Potassium	39-2	1593.38	1604.98	1611.04	1603.13	0.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	1.03	0.79	0.67	0.83	22.19	ppb
Selenium	77-2	4.01	2.59	3.75	3.45	21.94	ppb
Selenium	78-2	0.47	0.79	1.62	0.96	61.50	ppb
Silicon	28-1	1476.20	1532.54	1591.86	1533.53	3.77	ppb
Silver	107-1	0.49	0.49	0.50	0.50	0.57	ppb
Silver	109-1	0.48	0.49	0.49	0.49	1.50	ppb
Sodium	23-2	247.82	249.93	250.19	249.31	0.52	ppb
Strontium	86-1	394.28	408.13	403.84	402.08	1.76	ppb
Strontium	88-1	396.89	405.36	401.19	401.15	1.06	ppb
Sulfur	34-1	-854.20	-862.05	-866.95	-861.07		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.44	0.45	0.48	0.45	4.46	ppb
Thallium	205-1	0.45	0.47	0.49	0.47	3.66	ppb
Tin	118-1	0.68	0.87	0.69	0.74	14.52	ppb
Titanium	47-1	128.71	131.21	131.28	130.40	1.12	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.59	0.60	0.60	0.40	ppb
Vanadium	51-2	44.21	44.31	44.46	44.33	0.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	57.73	56.83	57.61	57.39	0.84	ppb
Zirconium	90-1	2.20	2.25	2.23	2.23	1.13	ppb
Zirconium	91-1	2.28	2.30	2.27	2.28	0.58	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9894.81	9841.04	9933.26	9889.70	0.47	ppb
Antimony	121-1	0.58	0.62	0.62	0.61	3.94	ppb
Arsenic	75-2	18.71	18.44	18.27	18.48	1.20	ppb
Barium	135-1	76.27	77.79	77.39	77.15	1.02	ppb
Barium	137-1	76.69	78.55	78.07	77.77	1.24	ppb
Beryllium	9-1	0.91	0.91	0.89	0.90	1.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.80	0.72	0.66	0.73	10.19	ppb
Cadmium	106-1	1.17	0.46	0.73	0.79	45.35	ppb
Cadmium	111-1	0.75	0.73	0.72	0.73	2.08	ppb
Calcium	43-1	8198.91	8161.50	8213.20	8191.20	0.33	ppb
Calcium	44-1	7726.61	7870.71	8013.49	7870.27	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.00	14.37	14.27	14.22	1.34	ppb
Cobalt	59-2	11.52	11.46	11.61	11.53	0.70	ppb
Copper	63-2	29.86	29.60	29.91	29.79	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				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	24906.36	24819.11	24988.53	24904.67	0.34	ppb
Iron	57-2	24591.31	24718.13	24680.77	24663.40	0.26	ppb
Iron	54-2	24794.68	25023.48	25055.82	24958.00	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.20	11.40	11.50	11.37	1.33	ppb
Lead	207-1	10.78	11.10	11.13	11.01	1.76	ppb
Lead	208-1	10.94	11.10	11.14	11.06	0.94	ppb
Lithium	6-1				99		%
Magnesium	24-2	4882.30	4955.23	4930.68	4922.73	0.75	ppb
Manganese	55-2	455.47	453.29	459.03	455.93	0.64	ppb
Molybdenum	94-1	8.62	8.74	8.80	8.72	1.07	ppb
Molybdenum	95-1	5.48	5.60	5.57	5.55	1.17	ppb
Molybdenum	96-1	6.05	5.98	6.07	6.03	0.81	ppb
Molybdenum	97-1	5.57	5.57	5.48	5.54	0.89	ppb
Molybdenum	98-1	5.53	5.51	5.56	5.53	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.53	12.93	13.01	12.82	2.03	ppb
Phosphorus	31-2	753.29	721.10	748.24	740.88	2.34	ppb
Potassium	39-2	1578.00	1598.19	1604.10	1593.43	0.86	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.77	0.77	0.58	0.71	15.91	ppb
Selenium	77-2	4.97	3.03	3.17	3.72	29.03	ppb
Selenium	78-2	0.76	1.09	0.54	0.80	35.10	ppb
Silicon	28-1	1435.76	1461.21	1462.37	1453.11	1.04	ppb
Silver	107-1	0.63	0.64	0.60	0.63	3.22	ppb
Silver	109-1	0.60	0.62	0.62	0.61	2.35	ppb
Sodium	23-2	297.78	302.74	304.59	301.70	1.17	ppb
Strontium	86-1	389.73	403.68	403.34	398.92	1.99	ppb
Strontium	88-1	395.01	400.49	402.06	399.19	0.93	ppb
Sulfur	34-1	-905.04	-883.54	-833.99	-874.19		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.56	0.57	0.57	0.57	0.70	ppb
Thallium	205-1	0.57	0.57	0.58	0.57	0.55	ppb
Tin	118-1	0.64	0.63	0.64	0.64	0.66	ppb
Titanium	47-1	126.67	128.73	130.12	128.51	1.35	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.71	0.70	0.70	1.84	ppb
Vanadium	51-2	43.21	43.35	44.05	43.54	1.03	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	57.19	57.34	59.20	57.91	1.93	ppb
Zirconium	90-1	2.22	2.25	2.25	2.24	0.84	ppb
Zirconium	91-1	2.24	2.28	2.25	2.26	0.84	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51858.35	50872.17	51633.77	51454.76	1.00	ppb
Antimony	121-1	497.18	508.82	498.22	501.41	1.28	ppb
Arsenic	75-2	503.18	499.68	508.63	503.83	0.90	ppb
Barium	135-1	2499.42	2552.43	2511.60	2521.15	1.10	ppb
Barium	137-1	2473.11	2536.72	2522.71	2510.85	1.33	ppb
Beryllium	9-1	481.36	498.62	502.37	494.12	2.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	488.15	497.64	495.86	493.88	1.02	ppb
Cadmium	106-1	494.36	499.88	500.71	498.32	0.69	ppb
Cadmium	111-1	483.19	500.58	495.56	493.11	1.82	ppb
Calcium	43-1	248175.89	258072.40	255454.78	253901.02	2.02	ppb
Calcium	44-1	247516.00	256914.72	254619.50	253016.74	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.53	499.84	507.14	502.84	0.76	ppb
Cobalt	59-2	499.88	496.00	499.62	498.50	0.43	ppb
Copper	63-2	4829.08	4791.72	4824.43	4815.08	0.42	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				100		%
Holmium	165-2				102		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	130269.62	129877.05	129993.17	130046.61	0.16	ppb
Iron	57-2	130141.49	129422.51	129189.52	129584.51	0.38	ppb
Iron	54-2	131257.23	129957.87	130146.49	130453.86	0.54	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2612.86	2606.50	2628.84	2616.07	0.44	ppb
Lead	207-1	2576.57	2575.46	2608.77	2586.94	0.73	ppb
Lead	208-1	2569.71	2584.77	2583.20	2579.23	0.32	ppb
Lithium	6-1				96		%
Magnesium	24-2	256648.09	256578.92	253188.42	255471.81	0.77	ppb
Manganese	55-2	5017.62	4984.22	4999.11	5000.32	0.33	ppb
Molybdenum	94-1	5012.84	5069.36	5073.07	5051.76	0.67	ppb
Molybdenum	95-1	5054.69	5101.50	5014.63	5056.94	0.86	ppb
Molybdenum	96-1	5022.40	5102.45	5046.12	5056.99	0.81	ppb
Molybdenum	97-1	5030.10	5092.08	5016.57	5046.25	0.80	ppb
Molybdenum	98-1	4950.69	5041.71	4956.41	4982.94	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.01	471.91	477.14	475.69	0.69	ppb
Phosphorus	31-2	10002.09	10057.87	10220.11	10093.36	1.12	ppb
Potassium	39-2	126737.71	125930.26	126593.37	126420.44	0.34	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	477.96	480.09	480.58	479.54	0.29	ppb
Selenium	77-2	489.60	486.17	513.57	496.45	3.01	ppb
Selenium	78-2	490.07	480.95	498.29	489.77	1.77	ppb
Silicon	28-1	446.00	469.31	468.59	461.30	2.87	ppb
Silver	107-1	496.91	502.14	498.74	499.26	0.53	ppb
Silver	109-1	489.89	504.86	497.99	497.58	1.51	ppb
Sodium	23-2	254436.49	251731.11	254043.97	253403.86	0.58	ppb
Strontium	86-1	12415.50	12624.40	12701.44	12580.44	1.18	ppb
Strontium	88-1	12501.01	12604.20	12629.24	12578.15	0.54	ppb
Sulfur	34-1	9543.33	9834.98	9721.29	9699.87	1.52	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	525.99	521.17	529.27	525.48	0.78	ppb
Thallium	205-1	525.04	522.30	522.21	523.18	0.31	ppb
Tin	118-1	498.07	510.43	503.44	503.98	1.23	ppb
Titanium	47-1	4833.25	4986.35	5067.22	4962.27	2.39	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.55	522.42	532.00	525.32	1.10	ppb
Vanadium	51-2	517.13	508.86	512.01	512.67	0.81	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	4811.12	4779.44	4739.64	4776.73	0.75	ppb
Zirconium	90-1	498.59	507.43	506.73	504.25	0.97	ppb
Zirconium	91-1	509.49	507.52	509.97	508.99	0.25	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.19	2.03	1.15	1.79	31.41	ppb
Antimony	121-1	0.26	0.22	0.20	0.22	15.08	ppb
Arsenic	75-2	0.01	0.01	0.04	0.02	110.00	ppb
Barium	135-1	0.48	0.34	0.23	0.35	36.63	ppb
Barium	137-1	0.48	0.34	0.25	0.36	32.91	ppb
Beryllium	9-1	0.10	0.11	0.03	0.08	59.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.00	-0.01	0.04	207.43	ppb
Cadmium	106-1	0.03	-0.19	-0.36	-0.18		ppb
Cadmium	111-1	0.08	0.07	0.05	0.07	25.47	ppb
Calcium	43-1	50.26	33.39	25.67	36.44	34.51	ppb
Calcium	44-1	45.43	33.82	25.56	34.94	28.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.00	0.02	114.79	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	44.92	ppb
Copper	63-2	0.92	0.85	0.77	0.84	8.83	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				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	8.26	6.41	4.90	6.53	25.77	ppb
Iron	57-2	6.41	6.19	3.55	5.38	29.59	ppb
Iron	54-2	8.80	6.20	4.78	6.59	30.96	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.47	0.35	0.27	0.36	28.71	ppb
Lead	207-1	0.46	0.36	0.27	0.36	26.47	ppb
Lead	208-1	0.45	0.34	0.27	0.35	26.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	13.77	10.83	7.44	10.68	29.64	ppb
Manganese	55-2	0.25	0.19	0.16	0.20	23.32	ppb
Molybdenum	94-1	1.03	0.84	0.64	0.83	23.68	ppb
Molybdenum	95-1	0.99	0.78	0.57	0.78	26.99	ppb
Molybdenum	96-1	0.96	0.78	0.54	0.76	27.65	ppb
Molybdenum	97-1	0.96	0.77	0.55	0.76	27.19	ppb
Molybdenum	98-1	1.01	0.75	0.60	0.78	26.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.12	0.09	0.11	19.82	ppb
Phosphorus	31-2	-16.40	-20.68	-15.65	-17.58		ppb
Potassium	39-2	3.49	1.61	0.04	1.71	100.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.28	0.09	-0.73	-0.12		ppb
Selenium	77-2	0.05	-0.10	0.05	0.00	2782.14	ppb
Selenium	78-2	-1.03	0.11	-1.23	-0.72		ppb
Silicon	28-1	-90.42	-89.22	-88.82	-89.49		ppb
Silver	107-1	0.13	0.10	0.08	0.11	23.28	ppb
Silver	109-1	0.13	0.10	0.07	0.10	30.12	ppb
Sodium	23-2	27.13	23.83	20.89	23.95	13.04	ppb
Strontium	86-1	2.55	2.15	1.33	2.01	31.13	ppb
Strontium	88-1	2.46	1.71	1.37	1.85	30.14	ppb
Sulfur	34-1	-324.24	-220.15	-219.52	-254.64		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.06	0.05	0.07	31.68	ppb
Thallium	205-1	0.09	0.07	0.05	0.07	28.10	ppb
Tin	118-1	0.16	0.14	0.10	0.13	21.26	ppb
Titanium	47-1	0.94	0.75	0.55	0.75	25.65	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.07	0.05	0.07	29.01	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	51.57	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	0.44	0.40	0.37	0.40	9.13	ppb
Zirconium	90-1	0.11	0.09	0.08	0.09	19.08	ppb
Zirconium	91-1	0.13	0.08	0.06	0.09	40.67	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2075.89	2050.67	2062.92	2063.16	0.61	ppb
Antimony	121-1	0.62	0.62	0.63	0.62	0.87	ppb
Arsenic	75-2	4.30	4.40	4.43	4.37	1.50	ppb
Barium	135-1	17.89	17.75	17.96	17.87	0.59	ppb
Barium	137-1	17.88	18.11	18.34	18.11	1.27	ppb
Beryllium	9-1	0.57	0.56	0.61	0.58	4.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.56	0.64	0.53	0.58	10.25	ppb
Cadmium	106-1	1.37	0.64	0.39	0.80	63.44	ppb
Cadmium	111-1	0.69	0.61	0.62	0.64	6.98	ppb
Calcium	43-1	1898.88	1935.33	1929.64	1921.28	1.02	ppb
Calcium	44-1	1931.34	1943.44	1930.34	1935.04	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.35	3.41	3.45	3.40	1.49	ppb
Cobalt	59-2	2.83	2.86	2.88	2.86	0.84	ppb
Copper	63-2	11.00	10.87	10.97	10.95	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				102		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	5305.83	5302.10	5328.07	5312.00	0.26	ppb
Iron	57-2	5353.01	5316.51	5344.04	5337.85	0.36	ppb
Iron	54-2	5419.22	5291.15	5391.97	5367.45	1.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.32	4.44	4.42	4.39	1.45	ppb
Lead	207-1	4.20	4.32	4.28	4.26	1.45	ppb
Lead	208-1	4.23	4.40	4.26	4.30	2.08	ppb
Lithium	6-1				104		%
Magnesium	24-2	1205.70	1204.97	1209.22	1206.63	0.19	ppb
Manganese	55-2	97.72	96.02	97.10	96.94	0.89	ppb
Molybdenum	94-1	5.90	6.24	6.15	6.10	2.82	ppb
Molybdenum	95-1	5.32	5.30	5.47	5.36	1.70	ppb
Molybdenum	96-1	5.38	5.51	5.51	5.47	1.40	ppb
Molybdenum	97-1	5.33	5.47	5.37	5.39	1.30	ppb
Molybdenum	98-1	5.38	5.46	5.50	5.45	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.13	3.16	3.08	3.12	1.36	ppb
Phosphorus	31-2	148.00	148.44	148.22	148.22	0.15	ppb
Potassium	39-2	454.43	449.91	453.75	452.70	0.54	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	0.20	0.09	0.46	0.25	75.02	ppb
Selenium	77-2	0.94	1.36	1.66	1.32	27.60	ppb
Selenium	78-2	-0.01	-0.94	-0.90	-0.62		ppb
Silicon	28-1	270.59	274.34	271.94	272.29	0.70	ppb
Silver	107-1	0.60	0.61	0.61	0.61	0.19	ppb
Silver	109-1	0.59	0.61	0.61	0.60	1.43	ppb
Sodium	23-2	288.86	287.72	290.46	289.01	0.48	ppb
Strontium	86-1	90.75	93.65	92.96	92.45	1.64	ppb
Strontium	88-1	91.68	94.31	92.63	92.88	1.43	ppb
Sulfur	34-1	-134.75	-105.93	-185.94	-142.21		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.50	0.54	0.53	0.53	3.79	ppb
Thallium	205-1	0.53	0.55	0.53	0.54	2.20	ppb
Tin	118-1	0.59	0.88	0.66	0.71	21.60	ppb
Titanium	47-1	30.69	30.85	30.96	30.83	0.43	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.53	0.56	0.54	0.54	2.67	ppb
Vanadium	51-2	9.48	9.31	9.50	9.43	1.10	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	16.90	16.62	17.14	16.88	1.54	ppb
Zirconium	90-1	0.84	0.89	0.90	0.88	3.84	ppb
Zirconium	91-1	0.82	0.91	0.89	0.87	5.80	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10487.62	10546.16	10491.50	10508.43	0.31	ppb
Antimony	121-1	17.86	18.76	18.71	18.44	2.77	ppb
Arsenic	75-2	26.24	26.06	26.32	26.20	0.51	ppb
Barium	135-1	409.51	423.31	425.05	419.29	2.03	ppb
Barium	137-1	422.83	441.80	450.18	438.27	3.20	ppb
Beryllium	9-1	9.20	9.82	10.02	9.68	4.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.05	9.88	9.55	9.50	4.38	ppb
Cadmium	106-1	9.53	9.43	9.53	9.50	0.59	ppb
Cadmium	111-1	9.47	9.82	9.89	9.73	2.28	ppb
Calcium	43-1	7896.91	8310.77	8406.60	8204.76	3.30	ppb
Calcium	44-1	7710.37	7940.22	8012.93	7887.84	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.31	50.32	50.55	50.39	0.26	ppb
Cobalt	59-2	99.23	100.35	99.49	99.69	0.59	ppb
Copper	63-2	71.81	72.30	72.52	72.21	0.50	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				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	25608.90	25664.49	25768.87	25680.75	0.32	ppb
Iron	57-2	25193.64	25460.24	25575.84	25409.91	0.77	ppb
Iron	54-2	25824.12	25345.50	25914.56	25694.73	1.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.34	15.06	14.98	14.80	2.66	ppb
Lead	207-1	13.72	14.47	14.56	14.25	3.24	ppb
Lead	208-1	13.88	14.58	14.65	14.37	2.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	5000.77	5010.84	5005.47	5005.69	0.10	ppb
Manganese	55-2	546.52	554.32	557.20	552.68	1.00	ppb
Molybdenum	94-1	8.11	8.74	8.88	8.58	4.80	ppb
Molybdenum	95-1	5.23	5.52	5.54	5.43	3.12	ppb
Molybdenum	96-1	5.79	6.16	6.03	5.99	3.16	ppb
Molybdenum	97-1	5.37	5.62	5.45	5.48	2.31	ppb
Molybdenum	98-1	5.18	5.58	5.70	5.48	4.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.72	101.54	102.42	101.89	0.46	ppb
Phosphorus	31-2	739.85	756.60	733.12	743.19	1.63	ppb
Potassium	39-2	1617.66	1626.00	1631.18	1624.94	0.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	16.63	17.48	18.00	17.37	3.97	ppb
Selenium	77-2	23.19	21.77	23.24	22.73	3.68	ppb
Selenium	78-2	17.48	17.68	18.29	17.82	2.37	ppb
Silicon	28-1	1419.44	1503.17	1511.73	1478.11	3.45	ppb
Silver	107-1	8.98	9.30	9.50	9.26	2.81	ppb
Silver	109-1	9.00	9.52	9.62	9.38	3.60	ppb
Sodium	23-2	312.01	310.86	313.77	312.21	0.47	ppb
Strontium	86-1	387.89	409.39	410.14	402.48	3.14	ppb
Strontium	88-1	386.35	405.00	405.31	398.89	2.72	ppb
Sulfur	34-1	-327.84	-252.12	-273.54	-284.50		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	8.63	9.00	9.14	8.92	2.99	ppb
Thallium	205-1	8.55	8.96	9.10	8.87	3.20	ppb
Tin	118-1	0.62	0.64	0.68	0.65	4.43	ppb
Titanium	47-1	123.49	131.26	131.10	128.61	3.45	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.72	0.74	0.72	3.38	ppb
Vanadium	51-2	130.05	131.56	131.04	130.89	0.59	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	146.28	147.42	147.50	147.07	0.46	ppb
Zirconium	90-1	2.11	2.23	2.26	2.20	3.53	ppb
Zirconium	91-1	2.20	2.30	2.30	2.27	2.53	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11369.20	11350.41	11214.70	11311.44	0.75	ppb
Antimony	121-1	76.84	76.61	77.37	76.94	0.50	ppb
Arsenic	75-2	50.40	48.97	50.26	49.88	1.59	ppb
Barium	135-1	1631.57	1616.19	1621.24	1623.00	0.48	ppb
Barium	137-1	1617.52	1596.73	1609.93	1608.06	0.65	ppb
Beryllium	9-1	38.19	38.51	38.27	38.32	0.43	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.20	36.89	37.25	37.11	0.53	ppb
Cadmium	106-1	38.46	36.10	36.54	37.04	3.39	ppb
Cadmium	111-1	39.22	39.28	39.83	39.45	0.86	ppb
Calcium	43-1	8109.03	8262.35	8317.45	8229.61	1.31	ppb
Calcium	44-1	7821.32	7860.00	7887.89	7856.40	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163.79	163.61	164.10	163.83	0.15	ppb
Cobalt	59-2	388.90	393.32	382.99	388.40	1.33	ppb
Copper	63-2	203.27	204.73	201.99	203.33	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				103		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	25633.71	25576.79	25222.82	25477.77	0.87	ppb
Iron	57-2	25298.55	25404.77	24917.94	25207.09	1.02	ppb
Iron	54-2	25755.28	25677.54	25596.59	25676.47	0.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.04	26.77	26.21	26.34	1.46	ppb
Lead	207-1	24.69	25.72	24.94	25.12	2.13	ppb
Lead	208-1	25.00	25.71	25.29	25.33	1.40	ppb
Lithium	6-1				101		%
Magnesium	24-2	4807.92	4856.16	4830.59	4831.56	0.50	ppb
Manganese	55-2	826.05	817.78	816.82	820.21	0.62	ppb
Molybdenum	94-1	8.54	8.78	8.63	8.65	1.41	ppb
Molybdenum	95-1	5.49	5.52	5.53	5.51	0.37	ppb
Molybdenum	96-1	5.96	6.09	6.01	6.02	1.08	ppb
Molybdenum	97-1	5.62	5.58	5.56	5.58	0.55	ppb
Molybdenum	98-1	5.43	5.51	5.54	5.50	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	386.98	384.86	385.20	385.68	0.30	ppb
Phosphorus	31-2	730.58	748.19	727.63	735.46	1.51	ppb
Potassium	39-2	1592.26	1588.92	1575.97	1585.72	0.54	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	75.35	76.65	77.16	76.39	1.22	ppb
Selenium	77-2	84.84	82.20	89.44	85.49	4.28	ppb
Selenium	78-2	83.34	79.52	77.06	79.97	3.96	ppb
Silicon	28-1	1459.56	1477.31	1485.85	1474.24	0.91	ppb
Silver	107-1	36.42	36.72	36.94	36.69	0.72	ppb
Silver	109-1	36.90	37.15	37.29	37.12	0.53	ppb
Sodium	23-2	307.43	304.45	301.08	304.32	1.04	ppb
Strontium	86-1	398.80	404.92	399.01	400.91	0.87	ppb
Strontium	88-1	398.94	398.49	398.52	398.65	0.06	ppb
Sulfur	34-1	-496.79	-476.15	-506.89	-493.28		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	35.86	37.22	36.70	36.59	1.88	ppb
Thallium	205-1	35.75	36.83	36.39	36.32	1.49	ppb
Tin	118-1	0.69	0.69	0.69	0.69	0.07	ppb
Titanium	47-1	125.92	129.30	128.74	127.99	1.41	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.72	0.71	0.71	1.06	ppb
Vanadium	51-2	418.39	415.12	412.74	415.42	0.68	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	430.52	428.47	423.65	427.55	0.82	ppb
Zirconium	90-1	2.23	2.24	2.20	2.23	0.84	ppb
Zirconium	91-1	2.20	2.77	2.30	2.42	12.71	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35572.98	35709.81	35609.11	35630.63	0.20	ppb
Antimony	121-1	0.19	0.19	0.19	0.19	0.45	ppb
Arsenic	75-2	70.33	70.06	70.04	70.15	0.23	ppb
Barium	135-1	307.96	303.95	306.37	306.09	0.66	ppb
Barium	137-1	319.64	318.99	320.22	319.62	0.19	ppb
Beryllium	9-1	1.44	1.38	1.44	1.42	2.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.47	1.45	1.61	1.51	6.08	ppb
Cadmium	106-1	2.88	2.49	2.28	2.55	11.97	ppb
Cadmium	111-1	0.84	0.79	0.80	0.81	3.49	ppb
Calcium	43-1	18861.86	19126.01	18967.05	18984.98	0.70	ppb
Calcium	44-1	18020.18	18519.48	18499.86	18346.51	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.97	44.81	45.04	44.94	0.26	ppb
Cobalt	59-2	37.33	37.72	37.75	37.60	0.63	ppb
Copper	63-2	99.47	99.58	99.93	99.66	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				108		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	95297.78	93600.04	93495.34	94131.06	1.07	ppb
Iron	57-2	94818.14	93250.89	93377.27	93815.43	0.93	ppb
Iron	54-2	94625.96	95101.70	94672.52	94800.06	0.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.19	42.57	42.39	42.38	0.44	ppb
Lead	207-1	41.72	41.89	41.49	41.70	0.47	ppb
Lead	208-1	41.30	41.63	41.37	41.43	0.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	16381.81	16467.35	16604.33	16484.50	0.68	ppb
Manganese	55-2	1647.80	1652.07	1621.65	1640.51	1.00	ppb
Molybdenum	94-1	18.41	18.57	18.53	18.50	0.45	ppb
Molybdenum	95-1	0.64	0.64	0.63	0.64	0.14	ppb
Molybdenum	96-1	3.09	3.05	3.01	3.05	1.32	ppb
Molybdenum	97-1	0.64	0.60	0.62	0.62	3.20	ppb
Molybdenum	98-1	0.63	0.60	0.66	0.63	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.36	44.58	44.57	44.50	0.27	ppb
Phosphorus	31-2	2860.49	2869.34	2846.32	2858.72	0.41	ppb
Potassium	39-2	7445.79	7482.88	7478.79	7469.15	0.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.76	0.79	1.04	0.86	17.58	ppb
Selenium	77-2	13.72	16.05	13.78	14.52	9.16	ppb
Selenium	78-2	2.33	3.08	1.95	2.45	23.52	ppb
Silicon	28-1	2852.04	2875.13	2870.90	2866.02	0.43	ppb
Silver	107-1	0.21	0.21	0.21	0.21	1.24	ppb
Silver	109-1	0.19	0.19	0.18	0.19	3.49	ppb
Sodium	23-2	173.85	173.27	175.16	174.10	0.56	ppb
Strontium	86-1	1409.34	1403.61	1415.56	1409.51	0.42	ppb
Strontium	88-1	1453.51	1463.47	1460.79	1459.26	0.35	ppb
Sulfur	34-1	-717.22	-697.02	-736.42	-716.88		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.25	0.23	0.23	0.23	5.09	ppb
Thallium	205-1	0.23	0.24	0.24	0.24	2.62	ppb
Tin	118-1	0.39	0.40	0.39	0.39	1.46	ppb
Titanium	47-1	521.37	535.52	529.65	528.84	1.34	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.92	0.92	0.92	0.11	ppb
Vanadium	51-2	153.41	153.47	153.00	153.29	0.17	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	230.91	230.61	229.89	230.47	0.23	ppb
Zirconium	90-1	9.86	9.94	9.93	9.91	0.42	ppb
Zirconium	91-1	9.88	9.94	9.97	9.93	0.45	ppb

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38033.28	38158.87	38266.77	38152.97	0.31	ppb
Antimony	121-1	0.12	0.13	0.12	0.12	4.38	ppb
Arsenic	75-2	61.68	63.19	62.61	62.49	1.22	ppb
Barium	135-1	335.00	344.47	341.10	340.19	1.41	ppb
Barium	137-1	346.50	358.11	354.08	352.90	1.67	ppb
Beryllium	9-1	1.50	1.42	1.52	1.48	3.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.31	1.08	1.19	1.20	9.67	ppb
Cadmium	106-1	2.89	2.51	3.39	2.93	15.02	ppb
Cadmium	111-1	0.70	0.70	0.73	0.71	2.57	ppb
Calcium	43-1	19418.32	19851.84	19773.01	19681.05	1.17	ppb
Calcium	44-1	18688.81	18826.03	19002.60	18839.15	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.85	49.42	48.89	49.06	0.65	ppb
Cobalt	59-2	40.73	41.19	41.10	41.01	0.59	ppb
Copper	63-2	91.61	92.86	92.82	92.43	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				107		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	97904.25	98693.19	98310.59	98302.68	0.40	ppb
Iron	57-2	96670.20	98317.69	97850.66	97612.85	0.87	ppb
Iron	54-2	96439.68	98733.87	98356.63	97843.40	1.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.67	40.82	41.31	40.93	0.81	ppb
Lead	207-1	39.08	39.53	39.56	39.39	0.69	ppb
Lead	208-1	39.07	39.52	39.81	39.47	0.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	17564.82	17709.54	17808.73	17694.36	0.69	ppb
Manganese	55-2	1798.81	1809.34	1802.94	1803.70	0.29	ppb
Molybdenum	94-1	17.07	17.47	17.45	17.33	1.31	ppb
Molybdenum	95-1	0.51	0.50	0.51	0.51	1.64	ppb
Molybdenum	96-1	2.88	2.93	2.86	2.89	1.18	ppb
Molybdenum	97-1	0.51	0.47	0.49	0.49	3.71	ppb
Molybdenum	98-1	0.49	0.49	0.48	0.49	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.42	47.14	46.57	46.71	0.81	ppb
Phosphorus	31-2	3015.73	3129.83	3050.01	3065.19	1.91	ppb
Potassium	39-2	7989.80	7985.52	8002.87	7992.73	0.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.99	1.09	0.89	0.99	10.24	ppb
Selenium	77-2	15.28	15.11	15.04	15.14	0.82	ppb
Selenium	78-2	2.50	1.82	3.17	2.50	27.13	ppb
Silicon	28-1	2635.07	2668.19	2691.39	2664.88	1.06	ppb
Silver	107-1	0.14	0.16	0.14	0.15	4.94	ppb
Silver	109-1	0.11	0.11	0.11	0.11	1.82	ppb
Sodium	23-2	151.53	154.18	153.13	152.95	0.87	ppb
Strontium	86-1	1485.36	1513.28	1502.13	1500.26	0.94	ppb
Strontium	88-1	1513.20	1535.95	1534.89	1528.01	0.84	ppb
Sulfur	34-1	-885.27	-815.55	-784.94	-828.59		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.22	0.24	0.22	0.23	3.95	ppb
Thallium	205-1	0.25	0.24	0.24	0.24	0.92	ppb
Tin	118-1	0.36	0.38	0.36	0.37	4.33	ppb
Titanium	47-1	505.40	514.08	511.54	510.34	0.87	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.12	1.11	1.11	0.66	ppb
Vanadium	51-2	150.92	151.34	151.68	151.31	0.25	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	228.96	230.59	229.41	229.66	0.37	ppb
Zirconium	90-1	9.13	9.37	9.26	9.25	1.31	ppb
Zirconium	91-1	9.19	9.30	9.28	9.26	0.64	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35812.44	34999.03	35296.61	35369.36	1.16	ppb
Antimony	121-1	0.71	0.74	0.77	0.74	3.49	ppb
Arsenic	75-2	292.96	294.43	296.91	294.77	0.68	ppb
Barium	135-1	290.27	296.54	294.23	293.68	1.08	ppb
Barium	137-1	307.86	306.71	301.98	305.52	1.02	ppb
Beryllium	9-1	1.30	1.47	1.28	1.35	7.78	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.91	5.25	4.71	4.96	5.58	ppb
Cadmium	106-1	5.91	6.45	6.53	6.30	5.37	ppb
Cadmium	111-1	3.89	3.94	3.87	3.90	0.90	ppb
Calcium	43-1	15659.57	15605.06	15451.40	15572.01	0.69	ppb
Calcium	44-1	14904.74	14892.17	14808.80	14868.57	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.52	45.25	46.03	45.93	1.40	ppb
Cobalt	59-2	42.03	41.22	41.50	41.59	0.99	ppb
Copper	63-2	165.18	162.88	163.96	164.01	0.70	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				101		%
Indium	115-2				100		%
Iron	56-2	105289.35	104322.34	105997.35	105203.01	0.80	ppb
Iron	57-2	105603.67	103005.70	104434.58	104347.98	1.25	ppb
Iron	54-2	106980.29	104402.60	106547.42	105976.77	1.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	270.87	269.13	263.36	267.79	1.47	ppb
Lead	207-1	288.76	289.06	282.48	286.77	1.30	ppb
Lead	208-1	274.93	275.23	272.25	274.14	0.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	17818.98	17374.17	17557.99	17583.71	1.27	ppb
Manganese	55-2	1683.13	1649.44	1683.68	1672.08	1.17	ppb
Molybdenum	94-1	20.86	21.03	21.10	20.99	0.57	ppb
Molybdenum	95-1	0.96	0.95	0.97	0.96	0.96	ppb
Molybdenum	96-1	3.69	3.77	3.71	3.72	1.07	ppb
Molybdenum	97-1	0.98	0.96	0.97	0.97	0.87	ppb
Molybdenum	98-1	0.91	0.93	0.95	0.93	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.81	44.42	44.95	44.73	0.60	ppb
Phosphorus	31-2	3967.43	3820.02	3942.10	3909.85	2.02	ppb
Potassium	39-2	8522.94	8368.52	8482.97	8458.14	0.95	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	2.59	2.30	2.60	2.50	6.88	ppb
Selenium	77-2	17.26	16.20	15.79	16.42	4.62	ppb
Selenium	78-2	3.15	4.43	3.68	3.75	17.07	ppb
Silicon	28-1	2592.54	2607.60	2564.43	2588.19	0.85	ppb
Silver	107-1	1.22	1.26	1.24	1.24	1.58	ppb
Silver	109-1	1.22	1.25	1.26	1.24	1.39	ppb
Sodium	23-2	141.47	136.99	139.68	139.38	1.62	ppb
Strontium	86-1	1248.08	1250.58	1270.34	1256.33	0.97	ppb
Strontium	88-1	1279.37	1270.43	1282.93	1277.58	0.50	ppb
Sulfur	34-1	363.03	346.48	296.15	335.22	10.39	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.33	0.34	0.34	0.33	1.52	ppb
Thallium	205-1	0.34	0.34	0.33	0.34	0.92	ppb
Tin	118-1	0.79	0.81	0.79	0.80	1.47	ppb
Titanium	47-1	451.19	449.04	443.12	447.78	0.93	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.91	0.88	0.90	1.45	ppb
Vanadium	51-2	149.49	147.46	149.01	148.65	0.72	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	1019.20	1002.34	1019.82	1013.78	0.98	ppb
Zirconium	90-1	11.03	11.15	11.31	11.16	1.27	ppb
Zirconium	91-1	11.18	11.28	11.35	11.27	0.74	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37655.51	37474.84	37836.80	37655.72	0.48	ppb
Antimony	121-1	0.32	0.35	0.32	0.33	4.70	ppb
Arsenic	75-2	121.71	128.44	126.15	125.43	2.73	ppb
Barium	135-1	350.33	358.10	354.38	354.27	1.10	ppb
Barium	137-1	364.30	379.90	371.52	371.90	2.10	ppb
Beryllium	9-1	1.50	1.44	1.47	1.47	2.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.04	2.32	2.41	2.26	8.46	ppb
Cadmium	106-1	4.22	4.00	3.38	3.87	11.25	ppb
Cadmium	111-1	1.47	1.50	1.34	1.43	6.03	ppb
Calcium	43-1	16840.20	17059.71	16939.60	16946.51	0.65	ppb
Calcium	44-1	16184.44	16319.95	16183.26	16229.21	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.63	50.06	50.80	50.49	0.76	ppb
Cobalt	59-2	38.85	38.69	38.70	38.75	0.22	ppb
Copper	63-2	127.26	126.13	127.97	127.12	0.73	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				106		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	100909.48	99682.05	100890.89	100494.14	0.70	ppb
Iron	57-2	99125.63	97398.58	99253.39	98592.53	1.05	ppb
Iron	54-2	100242.47	99831.11	100950.08	100341.22	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.98	74.51	74.56	74.35	0.43	ppb
Lead	207-1	74.73	75.25	75.49	75.16	0.51	ppb
Lead	208-1	72.89	75.95	73.90	74.25	2.10	ppb
Lithium	6-1				104		%
Magnesium	24-2	17534.72	17316.21	17774.14	17541.69	1.31	ppb
Manganese	55-2	1862.47	1833.85	1846.29	1847.54	0.78	ppb
Molybdenum	94-1	22.48	22.26	22.29	22.34	0.53	ppb
Molybdenum	95-1	0.73	0.69	0.71	0.71	3.33	ppb
Molybdenum	96-1	3.56	3.55	3.55	3.55	0.27	ppb
Molybdenum	97-1	0.70	0.70	0.69	0.70	1.25	ppb
Molybdenum	98-1	0.65	0.66	0.66	0.66	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.52	46.39	47.18	47.03	1.23	ppb
Phosphorus	31-2	3373.27	3322.63	3320.72	3338.87	0.89	ppb
Potassium	39-2	9020.61	8993.69	9018.61	9010.97	0.17	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	1.26	1.26	1.34	1.29	3.58	ppb
Selenium	77-2	18.19	17.56	19.03	18.26	4.03	ppb
Selenium	78-2	2.10	2.35	2.36	2.27	6.52	ppb
Silicon	28-1	3370.48	3427.49	3376.75	3391.57	0.92	ppb
Silver	107-1	0.41	0.43	0.42	0.42	1.51	ppb
Silver	109-1	0.39	0.42	0.40	0.40	4.08	ppb
Sodium	23-2	129.35	130.61	131.61	130.52	0.87	ppb
Strontium	86-1	1316.01	1306.50	1293.75	1305.42	0.86	ppb
Strontium	88-1	1343.99	1320.61	1332.89	1332.50	0.88	ppb
Sulfur	34-1	-102.17	-34.39	-42.86	-59.81		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.28	0.29	0.27	0.28	3.91	ppb
Thallium	205-1	0.29	0.29	0.29	0.29	0.90	ppb
Tin	118-1	0.69	0.70	0.67	0.68	1.69	ppb
Titanium	47-1	526.52	535.89	529.21	530.54	0.91	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.94	0.93	0.93	0.92	ppb
Vanadium	51-2	161.88	160.82	161.96	161.55	0.39	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	384.19	383.44	386.32	384.65	0.39	ppb
Zirconium	90-1	12.08	12.04	11.87	12.00	0.94	ppb
Zirconium	91-1	12.29	12.15	12.04	12.16	1.04	ppb

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44077.81	43254.68	43498.38	43610.29	0.97	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	2.73	ppb
Arsenic	75-2	108.71	105.78	109.18	107.89	1.71	ppb
Barium	135-1	359.56	361.53	365.20	362.09	0.79	ppb
Barium	137-1	377.36	383.02	376.31	378.89	0.95	ppb
Beryllium	9-1	1.60	1.51	1.57	1.56	2.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.40	2.52	2.90	2.60	10.09	ppb
Cadmium	106-1	5.43	4.38	4.54	4.79	11.79	ppb
Cadmium	111-1	1.45	1.42	1.36	1.41	3.07	ppb
Calcium	43-1	19077.02	19017.52	19157.61	19084.05	0.37	ppb
Calcium	44-1	18181.29	18227.10	18216.45	18208.28	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.58	60.73	61.22	61.18	0.70	ppb
Cobalt	59-2	45.63	44.73	45.02	45.12	1.02	ppb
Copper	63-2	119.96	117.89	119.35	119.06	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				106		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	115267.42	112813.47	114256.36	114112.42	1.08	ppb
Iron	57-2	114259.88	112395.40	113137.11	113264.13	0.83	ppb
Iron	54-2	115371.22	112317.48	114535.21	114074.64	1.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	74.25	73.62	75.28	74.38	1.13	ppb
Lead	207-1	75.77	74.95	77.27	76.00	1.55	ppb
Lead	208-1	76.37	75.62	77.61	76.54	1.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	20751.61	20528.19	20515.42	20598.41	0.64	ppb
Manganese	55-2	1949.56	1919.34	1934.63	1934.51	0.78	ppb
Molybdenum	94-1	25.52	25.90	25.86	25.76	0.81	ppb
Molybdenum	95-1	0.84	0.77	0.75	0.79	5.52	ppb
Molybdenum	96-1	4.06	4.04	4.06	4.05	0.25	ppb
Molybdenum	97-1	0.80	0.80	0.80	0.80	0.30	ppb
Molybdenum	98-1	0.76	0.79	0.80	0.78	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.45	54.49	54.00	54.31	0.50	ppb
Phosphorus	31-2	3770.83	3690.78	3723.13	3728.25	1.08	ppb
Potassium	39-2	10018.56	9726.86	9848.41	9864.61	1.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.39	1.32	1.16	1.29	9.03	ppb
Selenium	77-2	15.27	16.93	17.11	16.44	6.16	ppb
Selenium	78-2	1.80	2.99	2.27	2.35	25.47	ppb
Silicon	28-1	2258.42	2249.43	2287.93	2265.26	0.89	ppb
Silver	107-1	0.37	0.38	0.37	0.37	1.85	ppb
Silver	109-1	0.33	0.35	0.34	0.34	3.13	ppb
Sodium	23-2	180.46	180.13	180.91	180.50	0.22	ppb
Strontium	86-1	1507.60	1527.50	1535.12	1523.41	0.93	ppb
Strontium	88-1	1575.49	1566.73	1579.47	1573.90	0.41	ppb
Sulfur	34-1	-268.68	-209.42	-159.87	-212.66		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.30	0.30	0.31	0.81	ppb
Thallium	205-1	0.30	0.30	0.32	0.30	3.84	ppb
Tin	118-1	0.79	0.78	0.80	0.79	1.36	ppb
Titanium	47-1	615.79	623.70	623.72	621.07	0.74	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.01	1.01	1.01	0.37	ppb
Vanadium	51-2	186.12	182.81	183.21	184.04	0.98	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	406.75	400.26	403.08	403.37	0.81	ppb
Zirconium	90-1	13.45	13.81	13.69	13.65	1.35	ppb
Zirconium	91-1	13.96	13.76	13.80	13.84	0.77	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25395.06	25784.46	25775.03	25651.52	0.87	ppb
Antimony	121-1	0.08	0.06	0.06	0.07	18.01	ppb
Arsenic	75-2	47.79	48.22	47.40	47.80	0.85	ppb
Barium	135-1	254.01	255.71	257.32	255.68	0.65	ppb
Barium	137-1	267.93	265.18	270.06	267.72	0.91	ppb
Beryllium	9-1	1.21	1.29	1.19	1.23	4.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.39	1.46	1.38	1.41	3.26	ppb
Cadmium	106-1	3.45	2.85	2.99	3.10	10.16	ppb
Cadmium	111-1	0.60	0.58	0.57	0.58	2.72	ppb
Calcium	43-1	40879.95	41325.79	41385.10	41196.95	0.67	ppb
Calcium	44-1	40977.81	40736.23	40755.59	40823.21	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.67	41.54	41.68	41.63	0.19	ppb
Cobalt	59-2	28.77	28.94	29.10	28.94	0.57	ppb
Copper	63-2	60.83	60.63	60.74	60.73	0.17	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				107		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	71636.49	71856.99	71966.82	71820.10	0.23	ppb
Iron	57-2	70497.93	71458.35	71599.03	71185.10	0.84	ppb
Iron	54-2	71143.30	71743.52	72131.11	71672.64	0.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.55	31.56	31.73	31.61	0.32	ppb
Lead	207-1	30.39	30.57	30.39	30.45	0.35	ppb
Lead	208-1	30.52	30.70	30.60	30.61	0.30	ppb
Lithium	6-1				105		%
Magnesium	24-2	11691.13	11709.41	11938.50	11779.68	1.17	ppb
Manganese	55-2	1294.18	1289.03	1280.44	1287.89	0.54	ppb
Molybdenum	94-1	19.07	19.52	19.62	19.40	1.49	ppb
Molybdenum	95-1	0.47	0.47	0.46	0.47	1.06	ppb
Molybdenum	96-1	2.87	2.92	2.89	2.89	0.79	ppb
Molybdenum	97-1	0.43	0.46	0.43	0.44	3.50	ppb
Molybdenum	98-1	0.44	0.45	0.43	0.44	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.51	37.87	37.84	37.74	0.54	ppb
Phosphorus	31-2	2242.45	2260.82	2259.91	2254.39	0.46	ppb
Potassium	39-2	5600.99	5579.50	5661.79	5614.09	0.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.56	0.99	0.18	0.58	70.01	ppb
Selenium	77-2	9.95	12.08	10.12	10.72	11.03	ppb
Selenium	78-2	0.92	1.47	1.08	1.16	24.65	ppb
Silicon	28-1	1455.99	1472.73	1462.45	1463.72	0.58	ppb
Silver	107-1	0.08	0.08	0.08	0.08	3.51	ppb
Silver	109-1	0.06	0.05	0.06	0.05	6.47	ppb
Sodium	23-2	104.77	105.97	106.20	105.65	0.73	ppb
Strontium	86-1	1302.48	1326.77	1327.63	1318.96	1.08	ppb
Strontium	88-1	1359.98	1339.36	1332.53	1343.96	1.06	ppb
Sulfur	34-1	-601.97	-394.11	-357.02	-451.03		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.18	0.20	0.18	0.19	6.66	ppb
Thallium	205-1	0.20	0.19	0.21	0.20	3.49	ppb
Tin	118-1	0.38	0.41	0.41	0.40	3.99	ppb
Titanium	47-1	433.24	437.20	436.14	435.53	0.47	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.87	0.87	0.87	0.59	ppb
Vanadium	51-2	118.56	119.30	119.81	119.23	0.53	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	165.26	165.38	166.95	165.86	0.57	ppb
Zirconium	90-1	10.40	10.50	10.52	10.47	0.65	ppb
Zirconium	91-1	10.40	10.76	10.62	10.59	1.71	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40330.85	40312.51	40664.44	40435.94	0.49	ppb
Antimony	121-1	0.15	0.15	0.14	0.15	4.42	ppb
Arsenic	75-2	136.40	135.86	136.25	136.17	0.20	ppb
Barium	135-1	360.09	365.09	366.16	363.78	0.89	ppb
Barium	137-1	375.98	384.28	380.80	380.35	1.10	ppb
Beryllium	9-1	1.50	1.56	1.51	1.52	1.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.79	2.56	2.97	2.77	7.32	ppb
Cadmium	106-1	5.11	4.78	4.74	4.88	4.10	ppb
Cadmium	111-1	1.84	1.89	1.92	1.88	2.26	ppb
Calcium	43-1	19071.69	19543.03	19129.62	19248.11	1.34	ppb
Calcium	44-1	18313.49	18622.76	18572.19	18502.82	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.23	52.11	52.15	52.16	0.11	ppb
Cobalt	59-2	41.49	40.71	41.12	41.11	0.95	ppb
Copper	63-2	115.73	115.36	115.16	115.42	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				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	94604.30	94237.48	94239.23	94360.34	0.22	ppb
Iron	57-2	93375.54	92371.89	93440.73	93062.72	0.64	ppb
Iron	54-2	95505.89	95038.89	94087.94	94877.58	0.76	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	95.98	97.97	98.25	97.40	1.28	ppb
Lead	207-1	99.71	102.02	101.12	100.95	1.16	ppb
Lead	208-1	100.85	102.32	101.19	101.46	0.76	ppb
Lithium	6-1				104		%
Magnesium	24-2	18402.33	18294.87	18518.07	18405.09	0.61	ppb
Manganese	55-2	1777.97	1766.00	1761.24	1768.40	0.49	ppb
Molybdenum	94-1	23.37	24.03	23.90	23.77	1.47	ppb
Molybdenum	95-1	0.56	0.56	0.56	0.56	0.41	ppb
Molybdenum	96-1	3.57	3.55	3.59	3.57	0.55	ppb
Molybdenum	97-1	0.50	0.57	0.54	0.54	6.48	ppb
Molybdenum	98-1	0.53	0.55	0.54	0.54	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.11	49.26	48.59	48.99	0.71	ppb
Phosphorus	31-2	3070.62	3078.20	3125.69	3091.50	0.97	ppb
Potassium	39-2	8411.77	8331.04	8445.03	8395.94	0.70	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	1.32	1.02	1.27	1.21	13.28	ppb
Selenium	77-2	15.11	14.31	16.22	15.21	6.33	ppb
Selenium	78-2	3.04	3.30	2.99	3.11	5.23	ppb
Silicon	28-1	2184.91	2341.71	2204.77	2243.80	3.80	ppb
Silver	107-1	0.47	0.50	0.50	0.49	3.33	ppb
Silver	109-1	0.47	0.48	0.49	0.48	1.99	ppb
Sodium	23-2	147.35	148.02	149.49	148.29	0.74	ppb
Strontium	86-1	1426.46	1454.65	1445.42	1442.17	1.00	ppb
Strontium	88-1	1469.59	1472.72	1477.98	1473.43	0.29	ppb
Sulfur	34-1	716.10	795.40	659.60	723.70	9.43	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.28	0.27	0.27	3.40	ppb
Thallium	205-1	0.26	0.28	0.28	0.27	4.16	ppb
Tin	118-1	0.70	0.70	0.72	0.71	1.39	ppb
Titanium	47-1	356.79	367.40	361.58	361.92	1.47	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.91	0.91	1.14	ppb
Vanadium	51-2	140.81	141.51	141.44	141.25	0.27	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	464.23	465.16	465.63	465.01	0.15	ppb
Zirconium	90-1	12.67	12.83	12.89	12.80	0.89	ppb
Zirconium	91-1	12.71	12.98	13.02	12.90	1.27	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20436.70	20521.48	20049.57	20335.92	1.24	ppb
Antimony	121-1	0.08	0.09	0.08	0.08	3.78	ppb
Arsenic	75-2	41.11	38.58	40.31	40.00	3.23	ppb
Barium	135-1	212.60	216.25	217.66	215.50	1.21	ppb
Barium	137-1	213.78	218.14	217.94	216.62	1.14	ppb
Beryllium	9-1	1.03	0.99	1.00	1.01	1.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.54	0.71	0.59	18.84	ppb
Cadmium	106-1	1.57	1.15	1.25	1.32	16.79	ppb
Cadmium	111-1	0.33	0.31	0.30	0.31	5.31	ppb
Calcium	43-1	30261.16	30028.83	30433.53	30241.18	0.67	ppb
Calcium	44-1	28912.41	29067.68	29066.08	29015.39	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.97	32.62	32.23	32.60	1.14	ppb
Cobalt	59-2	30.67	30.84	30.91	30.81	0.41	ppb
Copper	63-2	54.46	53.86	54.26	54.19	0.57	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				105		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	69479.67	70188.15	69330.11	69665.98	0.66	ppb
Iron	57-2	68209.36	68262.99	68869.67	68447.34	0.54	ppb
Iron	54-2	70513.22	69917.98	69397.80	69943.00	0.80	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.02	25.60	25.78	25.47	1.56	ppb
Lead	207-1	23.29	23.80	23.84	23.64	1.29	ppb
Lead	208-1	23.74	24.27	24.27	24.09	1.28	ppb
Lithium	6-1				103		%
Magnesium	24-2	11441.31	11324.39	11445.71	11403.81	0.60	ppb
Manganese	55-2	1177.90	1175.93	1165.27	1173.03	0.58	ppb
Molybdenum	94-1	8.81	8.90	8.85	8.85	0.50	ppb
Molybdenum	95-1	0.39	0.41	0.42	0.41	3.38	ppb
Molybdenum	96-1	1.65	1.71	1.71	1.69	2.13	ppb
Molybdenum	97-1	0.43	0.39	0.41	0.41	5.15	ppb
Molybdenum	98-1	0.37	0.41	0.41	0.40	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.16	39.18	38.67	39.01	0.75	ppb
Phosphorus	31-2	2017.87	1984.58	1980.49	1994.31	1.03	ppb
Potassium	39-2	3930.76	4006.26	3895.35	3944.13	1.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.60	0.93	0.47	0.67	35.25	ppb
Selenium	77-2	11.55	11.53	12.53	11.87	4.81	ppb
Selenium	78-2	2.84	1.21	1.34	1.80	50.50	ppb
Silicon	28-1	1501.14	1487.40	1522.67	1503.74	1.18	ppb
Silver	107-1	0.02	0.03	0.02	0.02	9.50	ppb
Silver	109-1	0.01	0.01	0.00	0.01	58.06	ppb
Sodium	23-2	101.02	100.94	101.15	101.03	0.11	ppb
Strontium	86-1	1020.43	1023.65	1030.27	1024.78	0.49	ppb
Strontium	88-1	1045.61	1048.00	1069.29	1054.30	1.24	ppb
Sulfur	34-1	-828.71	-733.58	-661.47	-741.25		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.14	0.14	0.14	3.24	ppb
Thallium	205-1	0.14	0.14	0.15	0.14	1.94	ppb
Tin	118-1	0.17	0.19	0.18	0.18	7.54	ppb
Titanium	47-1	386.03	382.82	388.48	385.78	0.74	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.70	0.71	0.71	1.20	ppb
Vanadium	51-2	114.16	114.69	113.22	114.02	0.65	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	132.28	130.07	130.27	130.87	0.93	ppb
Zirconium	90-1	4.62	4.68	4.71	4.67	1.00	ppb
Zirconium	91-1	4.62	4.78	4.78	4.73	2.00	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40846.62	40838.61	40981.74	40888.99	0.20	ppb
Antimony	121-1	0.19	0.18	0.19	0.19	1.26	ppb
Arsenic	75-2	122.08	118.92	118.73	119.91	1.57	ppb
Barium	135-1	383.81	393.00	396.80	391.20	1.71	ppb
Barium	137-1	404.60	416.46	411.99	411.02	1.46	ppb
Beryllium	9-1	1.42	1.32	1.43	1.39	4.23	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.89	2.84	2.55	2.76	6.68	ppb
Cadmium	106-1	4.13	4.12	5.41	4.55	16.26	ppb
Cadmium	111-1	1.68	1.73	1.90	1.77	6.65	ppb
Calcium	43-1	22189.37	22962.20	23006.22	22719.26	2.02	ppb
Calcium	44-1	21395.83	22119.47	22138.05	21884.45	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.04	48.04	47.64	47.91	0.48	ppb
Cobalt	59-2	36.63	36.83	36.51	36.65	0.44	ppb
Copper	63-2	110.75	112.61	111.75	111.70	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				107		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	89560.28	88741.90	88967.93	89090.04	0.47	ppb
Iron	57-2	87794.88	88478.91	88503.80	88259.20	0.46	ppb
Iron	54-2	88658.24	89808.85	89725.82	89397.64	0.72	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	97.14	100.84	101.15	99.71	2.24	ppb
Lead	207-1	101.32	104.31	104.94	103.52	1.87	ppb
Lead	208-1	102.31	104.54	106.16	104.34	1.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	18337.78	18256.53	18443.06	18345.79	0.51	ppb
Manganese	55-2	1884.46	1846.68	1876.01	1869.05	1.06	ppb
Molybdenum	94-1	26.54	27.98	27.84	27.45	2.90	ppb
Molybdenum	95-1	0.55	0.56	0.58	0.56	2.99	ppb
Molybdenum	96-1	3.86	3.94	4.01	3.94	1.99	ppb
Molybdenum	97-1	0.54	0.56	0.55	0.55	2.42	ppb
Molybdenum	98-1	0.52	0.56	0.55	0.54	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.10	45.57	45.07	45.25	0.63	ppb
Phosphorus	31-2	3144.95	3253.64	3178.20	3192.26	1.74	ppb
Potassium	39-2	9023.60	9026.33	8999.27	9016.40	0.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	1.33	1.31	1.18	1.27	6.51	ppb
Selenium	77-2	16.59	14.63	16.37	15.86	6.77	ppb
Selenium	78-2	4.39	2.83	2.38	3.20	33.07	ppb
Silicon	28-1	2482.42	2573.51	2574.39	2543.44	2.08	ppb
Silver	107-1	0.49	0.51	0.52	0.51	2.52	ppb
Silver	109-1	0.46	0.49	0.49	0.48	4.07	ppb
Sodium	23-2	126.63	128.37	127.63	127.54	0.68	ppb
Strontium	86-1	1739.89	1789.92	1801.53	1777.11	1.84	ppb
Strontium	88-1	1738.53	1849.58	1833.16	1807.09	3.32	ppb
Sulfur	34-1	464.88	577.65	581.82	541.45	12.25	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.25	0.25	0.25	0.80	ppb
Thallium	205-1	0.24	0.26	0.25	0.25	4.15	ppb
Tin	118-1	0.61	0.65	0.64	0.64	3.27	ppb
Titanium	47-1	266.82	278.48	279.15	274.82	2.52	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.86	0.87	0.85	2.24	ppb
Vanadium	51-2	133.02	134.46	133.92	133.80	0.54	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	458.20	463.30	458.99	460.16	0.60	ppb
Zirconium	90-1	14.48	15.09	14.95	14.84	2.15	ppb
Zirconium	91-1	14.65	15.11	15.24	15.00	2.08	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36776.96	36829.72	37052.06	36886.25	0.40	ppb
Antimony	121-1	0.18	0.19	0.18	0.18	3.39	ppb
Arsenic	75-2	139.54	141.20	142.28	141.01	0.98	ppb
Barium	135-1	325.79	347.21	345.61	339.54	3.51	ppb
Barium	137-1	337.42	362.57	361.78	353.92	4.04	ppb
Beryllium	9-1	1.17	1.36	1.37	1.30	8.71	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.25	3.27	3.43	3.32	2.91	ppb
Cadmium	106-1	5.03	5.09	5.59	5.24	5.82	ppb
Cadmium	111-1	2.52	2.67	2.58	2.59	2.86	ppb
Calcium	43-1	18193.63	19234.14	19049.24	18825.67	2.95	ppb
Calcium	44-1	17390.18	18723.51	18273.93	18129.21	3.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.59	49.82	49.96	50.12	0.82	ppb
Cobalt	59-2	35.17	35.15	35.13	35.15	0.05	ppb
Copper	63-2	120.35	120.34	120.56	120.41	0.10	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				110		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	78839.81	79097.52	79140.85	79026.06	0.21	ppb
Iron	57-2	78114.35	78729.03	78249.36	78364.25	0.41	ppb
Iron	54-2	79506.67	79382.75	80298.92	79729.45	0.62	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.08	129.04	128.91	127.01	2.68	ppb
Lead	207-1	128.26	135.94	134.72	132.97	3.10	ppb
Lead	208-1	129.92	135.90	135.10	133.64	2.43	ppb
Lithium	6-1				108		%
Magnesium	24-2	16178.23	16259.04	16260.95	16232.74	0.29	ppb
Manganese	55-2	1824.74	1830.92	1838.10	1831.25	0.36	ppb
Molybdenum	94-1	21.50	22.80	22.32	22.21	2.95	ppb
Molybdenum	95-1	0.47	0.60	0.48	0.52	14.13	ppb
Molybdenum	96-1	3.06	3.40	3.27	3.24	5.32	ppb
Molybdenum	97-1	0.43	0.58	0.48	0.49	14.89	ppb
Molybdenum	98-1	0.45	0.51	0.46	0.47	7.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.02	43.08	44.00	43.37	1.27	ppb
Phosphorus	31-2	2728.34	2726.13	2738.93	2731.13	0.25	ppb
Potassium	39-2	8767.26	8807.15	8829.59	8801.33	0.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	1.42	1.48	1.17	1.36	12.33	ppb
Selenium	77-2	14.76	14.86	17.14	15.59	8.65	ppb
Selenium	78-2	1.66	3.22	3.74	2.87	37.76	ppb
Silicon	28-1	1719.38	1827.25	1812.71	1786.45	3.28	ppb
Silver	107-1	0.54	0.59	0.58	0.57	4.83	ppb
Silver	109-1	0.53	0.56	0.55	0.55	3.31	ppb
Sodium	23-2	111.18	112.35	113.52	112.35	1.04	ppb
Strontium	86-1	1419.77	1500.48	1494.70	1471.65	3.06	ppb
Strontium	88-1	1442.78	1526.75	1540.81	1503.45	3.53	ppb
Sulfur	34-1	558.59	831.02	789.62	726.41	20.21	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.21	0.22	0.25	0.23	9.41	ppb
Thallium	205-1	0.23	0.24	0.24	0.23	3.38	ppb
Tin	118-1	0.51	0.55	0.57	0.54	5.71	ppb
Titanium	47-1	209.43	221.66	219.65	216.91	3.02	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.86	0.87	0.85	2.64	ppb
Vanadium	51-2	108.04	108.50	109.34	108.63	0.61	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	585.63	587.33	588.03	586.99	0.21	ppb
Zirconium	90-1	11.57	12.23	12.20	12.00	3.14	ppb
Zirconium	91-1	11.77	12.30	12.12	12.07	2.21	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33007.05	33402.08	33653.43	33354.19	0.98	ppb
Antimony	121-1	0.16	0.17	0.17	0.17	2.98	ppb
Arsenic	75-2	151.69	153.21	153.62	152.84	0.66	ppb
Barium	135-1	285.57	285.95	283.45	284.99	0.47	ppb
Barium	137-1	301.35	298.05	299.00	299.47	0.57	ppb
Beryllium	9-1	1.31	1.35	1.38	1.35	2.71	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.58	2.22	2.47	2.42	7.67	ppb
Cadmium	106-1	3.78	4.47	4.62	4.29	10.46	ppb
Cadmium	111-1	1.95	2.00	1.99	1.98	1.59	ppb
Calcium	43-1	12721.53	12833.53	12849.15	12801.40	0.54	ppb
Calcium	44-1	12293.96	12318.46	12288.85	12300.42	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.15	46.86	46.95	46.65	0.94	ppb
Cobalt	59-2	49.63	50.37	50.27	50.09	0.81	ppb
Copper	63-2	134.07	133.75	134.64	134.15	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				106		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	103977.70	103463.53	104065.31	103835.51	0.31	ppb
Iron	57-2	103144.79	103088.00	104276.52	103503.10	0.65	ppb
Iron	54-2	103845.06	103739.12	104289.27	103957.82	0.28	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.90	95.35	94.84	95.03	0.29	ppb
Lead	207-1	97.69	98.44	98.49	98.21	0.46	ppb
Lead	208-1	98.29	98.77	98.15	98.40	0.34	ppb
Lithium	6-1				105		%
Magnesium	24-2	14594.11	14460.70	14792.57	14615.79	1.14	ppb
Manganese	55-2	1802.82	1806.73	1820.84	1810.13	0.52	ppb
Molybdenum	94-1	18.96	19.07	18.98	19.00	0.30	ppb
Molybdenum	95-1	0.99	1.01	0.98	0.99	1.60	ppb
Molybdenum	96-1	3.54	3.46	3.49	3.49	1.10	ppb
Molybdenum	97-1	0.98	0.92	0.97	0.96	3.20	ppb
Molybdenum	98-1	0.97	0.96	1.00	0.98	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.14	41.54	41.09	41.26	0.59	ppb
Phosphorus	31-2	2760.90	2783.78	2775.99	2773.56	0.42	ppb
Potassium	39-2	7588.18	7630.15	7629.46	7615.93	0.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	1.22	1.04	1.83	1.36	30.13	ppb
Selenium	77-2	14.91	14.96	13.91	14.59	4.05	ppb
Selenium	78-2	1.89	2.95	3.06	2.63	24.57	ppb
Silicon	28-1	1670.47	1705.44	1725.00	1700.30	1.62	ppb
Silver	107-1	0.49	0.48	0.48	0.48	1.02	ppb
Silver	109-1	0.48	0.47	0.46	0.47	2.07	ppb
Sodium	23-2	116.23	118.42	118.57	117.74	1.11	ppb
Strontium	86-1	1296.68	1312.39	1323.88	1310.98	1.04	ppb
Strontium	88-1	1334.88	1359.44	1330.99	1341.77	1.15	ppb
Sulfur	34-1	-547.54	-428.75	-347.71	-441.33		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.27	0.26	0.26	3.81	ppb
Thallium	205-1	0.26	0.25	0.26	0.25	1.23	ppb
Tin	118-1	0.69	0.71	0.68	0.69	1.86	ppb
Titanium	47-1	599.82	614.17	609.57	607.85	1.21	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.97	0.96	0.96	0.76	ppb
Vanadium	51-2	179.55	179.95	180.38	179.96	0.23	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	491.20	494.52	496.27	494.00	0.52	ppb
Zirconium	90-1	9.82	9.97	10.08	9.95	1.31	ppb
Zirconium	91-1	10.12	9.99	10.25	10.12	1.28	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35759.20	35611.51	35627.23	35665.98	0.23	ppb
Antimony	121-1	0.14	0.13	0.14	0.14	1.29	ppb
Arsenic	75-2	48.42	47.69	47.15	47.75	1.33	ppb
Barium	135-1	272.99	271.54	271.62	272.05	0.30	ppb
Barium	137-1	286.12	285.75	283.50	285.12	0.50	ppb
Beryllium	9-1	1.08	1.20	1.07	1.12	6.76	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.06	0.90	0.96	0.97	8.65	ppb
Cadmium	106-1	2.64	1.91	2.09	2.21	17.09	ppb
Cadmium	111-1	0.41	0.35	0.34	0.37	9.84	ppb
Calcium	43-1	17640.80	17863.02	17847.58	17783.80	0.70	ppb
Calcium	44-1	16945.98	17158.22	17014.03	17039.41	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.71	53.31	53.29	53.44	0.44	ppb
Cobalt	59-2	40.22	39.54	40.03	39.93	0.88	ppb
Copper	63-2	83.68	83.04	83.51	83.41	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				106		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	90549.79	89769.20	89742.54	90020.51	0.51	ppb
Iron	57-2	89127.31	89537.62	89696.32	89453.75	0.33	ppb
Iron	54-2	91339.88	90241.06	89997.35	90526.09	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.05	19.19	18.84	19.03	0.93	ppb
Lead	207-1	17.59	17.68	17.51	17.59	0.48	ppb
Lead	208-1	17.79	17.89	17.77	17.82	0.36	ppb
Lithium	6-1				105		%
Magnesium	24-2	17220.50	17354.06	17421.00	17331.85	0.59	ppb
Manganese	55-2	1485.62	1479.29	1475.54	1480.15	0.34	ppb
Molybdenum	94-1	13.78	13.41	13.60	13.60	1.36	ppb
Molybdenum	95-1	0.54	0.52	0.54	0.53	1.72	ppb
Molybdenum	96-1	2.51	2.50	2.46	2.49	0.99	ppb
Molybdenum	97-1	0.54	0.53	0.54	0.54	0.72	ppb
Molybdenum	98-1	0.53	0.52	0.51	0.52	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.06	45.16	44.95	45.06	0.24	ppb
Phosphorus	31-2	2196.58	2267.67	2253.56	2239.27	1.68	ppb
Potassium	39-2	2420.34	2408.45	2402.18	2410.32	0.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	1.09	0.35	0.30	0.58	76.64	ppb
Selenium	77-2	16.85	13.62	12.61	14.36	15.43	ppb
Selenium	78-2	2.08	2.68	2.05	2.27	15.61	ppb
Silicon	28-1	2764.73	2810.53	2807.51	2794.26	0.92	ppb
Silver	107-1	0.08	0.07	0.07	0.07	5.42	ppb
Silver	109-1	0.04	0.05	0.05	0.05	10.30	ppb
Sodium	23-2	233.64	233.61	238.16	235.14	1.11	ppb
Strontium	86-1	1629.75	1598.01	1603.49	1610.42	1.05	ppb
Strontium	88-1	1640.46	1666.42	1645.53	1650.80	0.83	ppb
Sulfur	34-1	-994.98	-1030.54	-991.66	-1005.73		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.14	0.16	0.15	7.50	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	5.87	ppb
Tin	118-1	0.40	0.35	0.37	0.37	6.88	ppb
Titanium	47-1	574.11	574.62	578.64	575.79	0.43	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.74	0.73	0.73	1.33	ppb
Vanadium	51-2	159.30	157.49	157.01	157.93	0.77	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	148.84	148.10	146.34	147.76	0.87	ppb
Zirconium	90-1	7.25	7.18	7.16	7.20	0.62	ppb
Zirconium	91-1	7.33	7.32	7.28	7.31	0.36	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28725.08	28989.37	28899.16	28871.20	0.47	ppb
Antimony	121-1	0.08	0.09	0.08	0.08	8.56	ppb
Arsenic	75-2	52.39	52.65	52.31	52.45	0.34	ppb
Barium	135-1	261.94	261.96	261.45	261.78	0.11	ppb
Barium	137-1	271.69	271.30	274.33	272.44	0.61	ppb
Beryllium	9-1	0.95	0.87	0.93	0.91	4.66	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.26	1.14	1.06	1.15	8.75	ppb
Cadmium	106-1	2.30	2.25	2.31	2.29	1.55	ppb
Cadmium	111-1	0.38	0.37	0.38	0.38	1.97	ppb
Calcium	43-1	21248.03	21716.72	21729.85	21564.87	1.27	ppb
Calcium	44-1	20613.06	20802.65	20769.58	20728.43	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.40	78.58	78.48	78.48	0.11	ppb
Cobalt	59-2	40.75	40.88	40.64	40.76	0.29	ppb
Copper	63-2	74.83	75.82	75.81	75.48	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				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	83178.88	83845.95	83141.90	83388.91	0.48	ppb
Iron	57-2	82867.71	83034.48	82534.82	82812.34	0.31	ppb
Iron	54-2	83779.84	85085.58	82644.48	83836.63	1.46	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.32	18.44	18.52	18.43	0.56	ppb
Lead	207-1	17.02	17.17	17.10	17.10	0.44	ppb
Lead	208-1	17.33	17.37	17.36	17.35	0.12	ppb
Lithium	6-1				105		%
Magnesium	24-2	16747.09	16748.43	16825.75	16773.76	0.27	ppb
Manganese	55-2	1353.15	1358.10	1342.34	1351.20	0.60	ppb
Molybdenum	94-1	15.15	15.35	15.27	15.26	0.67	ppb
Molybdenum	95-1	0.65	0.72	0.65	0.68	6.08	ppb
Molybdenum	96-1	2.74	2.76	2.73	2.74	0.58	ppb
Molybdenum	97-1	0.63	0.62	0.69	0.65	6.16	ppb
Molybdenum	98-1	0.67	0.66	0.67	0.67	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.09	56.79	55.94	56.27	0.81	ppb
Phosphorus	31-2	2083.63	2038.32	2038.61	2053.52	1.27	ppb
Potassium	39-2	2230.68	2254.63	2272.65	2252.65	0.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.73	0.46	0.60	0.60	22.39	ppb
Selenium	77-2	12.06	11.56	12.47	12.03	3.78	ppb
Selenium	78-2	1.81	0.72	2.07	1.53	46.53	ppb
Silicon	28-1	1650.38	1703.65	1757.69	1703.90	3.15	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.32	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.80	ppb
Sodium	23-2	168.90	170.31	171.02	170.07	0.63	ppb
Strontium	86-1	1457.27	1498.65	1471.31	1475.74	1.43	ppb
Strontium	88-1	1496.14	1518.96	1498.48	1504.53	0.83	ppb
Sulfur	34-1	-731.10	-642.86	-563.27	-645.74		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.14	0.13	0.13	5.86	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	4.33	ppb
Tin	118-1	0.40	0.40	0.43	0.41	4.86	ppb
Titanium	47-1	421.55	432.26	432.76	428.86	1.48	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.67	0.66	0.67	1.20	ppb
Vanadium	51-2	151.31	154.03	152.27	152.54	0.90	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	146.63	147.64	147.57	147.28	0.38	ppb
Zirconium	90-1	8.00	8.13	8.14	8.09	0.95	ppb
Zirconium	91-1	8.18	8.27	8.07	8.17	1.20	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44078.72	44408.07	44335.81	44274.20	0.39	ppb
Antimony	121-1	0.02	0.02	0.03	0.03	20.43	ppb
Arsenic	75-2	53.56	53.69	52.86	53.37	0.84	ppb
Barium	135-1	398.23	399.20	405.32	400.92	0.96	ppb
Barium	137-1	416.54	413.29	427.93	419.25	1.83	ppb
Beryllium	9-1	1.48	1.64	1.64	1.58	5.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.33	1.98	1.69	1.66	19.39	ppb
Cadmium	106-1	5.15	4.39	4.17	4.57	11.28	ppb
Cadmium	111-1	0.73	0.65	0.65	0.68	6.47	ppb
Calcium	43-1	19417.98	19929.89	19821.81	19723.22	1.37	ppb
Calcium	44-1	18788.41	19161.78	19088.48	19012.89	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.52	65.50	64.72	64.92	0.80	ppb
Cobalt	59-2	42.05	42.86	42.12	42.34	1.06	ppb
Copper	63-2	94.51	95.58	94.39	94.83	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				105		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	99227.71	100218.39	99378.29	99608.13	0.54	ppb
Iron	57-2	99467.69	99816.34	99049.23	99444.42	0.39	ppb
Iron	54-2	99709.47	99920.47	100021.41	99883.78	0.16	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.51	26.62	26.64	26.59	0.28	ppb
Lead	207-1	24.64	24.46	24.66	24.59	0.44	ppb
Lead	208-1	24.86	24.94	25.05	24.95	0.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	21817.90	22154.07	21842.72	21938.23	0.85	ppb
Manganese	55-2	1966.83	1990.47	1983.21	1980.17	0.61	ppb
Molybdenum	94-1	24.93	24.94	25.06	24.98	0.29	ppb
Molybdenum	95-1	0.52	0.48	0.52	0.51	5.07	ppb
Molybdenum	96-1	3.69	3.68	3.66	3.68	0.47	ppb
Molybdenum	97-1	0.52	0.51	0.52	0.52	1.69	ppb
Molybdenum	98-1	0.52	0.53	0.51	0.52	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.38	54.48	53.79	54.21	0.69	ppb
Phosphorus	31-2	2683.26	2767.51	2757.42	2736.06	1.68	ppb
Potassium	39-2	6368.54	6378.77	6375.81	6374.38	0.08	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.83	0.61	0.73	0.72	15.01	ppb
Selenium	77-2	18.42	18.66	19.10	18.73	1.85	ppb
Selenium	78-2	1.88	3.49	3.29	2.89	30.37	ppb
Silicon	28-1	916.21	940.64	939.42	932.09	1.48	ppb
Silver	107-1	0.11	0.10	0.11	0.11	5.67	ppb
Silver	109-1	0.08	0.08	0.07	0.08	9.44	ppb
Sodium	23-2	150.92	152.17	151.61	151.57	0.41	ppb
Strontium	86-1	2170.84	2163.14	2174.56	2169.52	0.27	ppb
Strontium	88-1	2196.48	2234.35	2235.67	2222.17	1.00	ppb
Sulfur	34-1	-786.00	-702.93	-737.35	-742.09		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.24	0.24	0.27	0.25	5.99	ppb
Thallium	205-1	0.24	0.26	0.24	0.25	3.34	ppb
Tin	118-1	0.62	0.59	0.65	0.62	4.97	ppb
Titanium	47-1	248.63	252.74	251.82	251.06	0.86	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.90	0.91	0.91	1.25	ppb
Vanadium	51-2	153.16	155.45	153.63	154.08	0.78	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	202.12	203.84	201.94	202.63	0.52	ppb
Zirconium	90-1	13.49	13.46	13.46	13.47	0.11	ppb
Zirconium	91-1	13.48	13.28	13.75	13.50	1.75	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21908.07	21909.44	22157.53	21991.68	0.65	ppb
Antimony	121-1	0.38	0.42	0.40	0.40	4.25	ppb
Arsenic	75-2	48.14	47.22	48.96	48.11	1.81	ppb
Barium	135-1	143.35	146.93	147.83	146.04	1.62	ppb
Barium	137-1	144.44	147.03	148.71	146.73	1.47	ppb
Beryllium	9-1	0.71	0.70	0.72	0.71	0.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.62	0.73	0.56	0.64	13.09	ppb
Cadmium	106-1	1.67	1.21	0.48	1.12	53.79	ppb
Cadmium	111-1	0.26	0.22	0.18	0.22	20.06	ppb
Calcium	43-1	14689.91	15144.84	15394.64	15076.46	2.37	ppb
Calcium	44-1	14307.66	14522.87	14852.39	14560.97	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.66	63.26	63.52	63.48	0.32	ppb
Cobalt	59-2	32.31	32.12	32.40	32.28	0.44	ppb
Copper	63-2	75.98	76.08	76.91	76.32	0.67	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				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	77978.60	78182.37	78058.15	78073.04	0.13	ppb
Iron	57-2	76943.91	77582.06	77011.38	77179.11	0.45	ppb
Iron	54-2	78634.36	78242.65	77697.63	78191.55	0.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.21	13.70	13.65	13.52	1.99	ppb
Lead	207-1	12.02	12.39	12.48	12.29	1.97	ppb
Lead	208-1	12.26	12.69	12.68	12.55	1.94	ppb
Lithium	6-1				104		%
Magnesium	24-2	13933.54	13951.19	13993.37	13959.37	0.22	ppb
Manganese	55-2	838.71	843.57	836.82	839.70	0.41	ppb
Molybdenum	94-1	8.26	8.26	8.23	8.25	0.25	ppb
Molybdenum	95-1	0.81	0.83	0.84	0.82	2.08	ppb
Molybdenum	96-1	2.14	2.18	2.06	2.13	2.86	ppb
Molybdenum	97-1	0.82	0.79	0.81	0.81	2.44	ppb
Molybdenum	98-1	0.82	0.82	0.82	0.82	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.84	52.46	53.17	52.82	0.67	ppb
Phosphorus	31-2	1743.07	1753.34	1808.29	1768.23	1.98	ppb
Potassium	39-2	1728.71	1730.32	1744.16	1734.40	0.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.56	0.27	0.42	0.42	33.74	ppb
Selenium	77-2	9.69	10.29	8.04	9.34	12.50	ppb
Selenium	78-2	2.26	0.75	0.90	1.30	63.94	ppb
Silicon	28-1	1832.85	1880.70	1929.59	1881.05	2.57	ppb
Silver	107-1	0.03	0.04	0.03	0.04	9.62	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.68	ppb
Sodium	23-2	251.04	252.56	254.33	252.64	0.65	ppb
Strontium	86-1	1150.37	1146.77	1180.07	1159.07	1.58	ppb
Strontium	88-1	1188.31	1195.87	1203.67	1195.95	0.64	ppb
Sulfur	34-1	-801.96	-686.60	-625.67	-704.74		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.08	0.09	0.08	7.84	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	0.90	ppb
Tin	118-1	0.26	0.29	0.27	0.27	4.24	ppb
Titanium	47-1	789.35	807.98	800.26	799.19	1.17	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.62	0.64	0.62	2.39	ppb
Vanadium	51-2	154.60	154.25	154.94	154.59	0.22	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	118.55	116.83	118.62	118.00	0.86	ppb
Zirconium	90-1	4.11	4.11	4.16	4.13	0.70	ppb
Zirconium	91-1	4.13	4.22	4.18	4.18	1.15	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36779.45	36910.76	36566.69	36752.30	0.47	ppb
Antimony	121-1	0.33	0.31	0.31	0.32	3.83	ppb
Arsenic	75-2	206.81	205.10	206.26	206.06	0.42	ppb
Barium	135-1	315.91	312.34	316.89	315.05	0.76	ppb
Barium	137-1	324.29	329.26	329.31	327.62	0.88	ppb
Beryllium	9-1	1.38	1.44	1.46	1.43	3.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.82	3.88	4.08	3.93	3.40	ppb
Cadmium	106-1	5.80	5.40	5.21	5.47	5.48	ppb
Cadmium	111-1	3.08	3.06	3.00	3.05	1.33	ppb
Calcium	43-1	15862.77	16166.00	16305.29	16111.35	1.40	ppb
Calcium	44-1	15407.49	15532.51	15581.70	15507.23	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.91	50.00	50.25	50.05	0.35	ppb
Cobalt	59-2	41.99	42.12	42.25	42.12	0.30	ppb
Copper	63-2	193.66	194.27	193.95	193.96	0.16	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				105		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	107154.19	106832.24	106815.14	106933.86	0.18	ppb
Iron	57-2	105918.53	106101.34	105837.89	105952.59	0.13	ppb
Iron	54-2	107050.39	106448.87	107043.47	106847.58	0.32	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	149.56	150.83	150.22	150.20	0.42	ppb
Lead	207-1	155.26	157.58	155.93	156.25	0.76	ppb
Lead	208-1	155.52	157.61	156.23	156.45	0.68	ppb
Lithium	6-1				103		%
Magnesium	24-2	15939.54	16184.44	16043.44	16055.80	0.77	ppb
Manganese	55-2	1811.55	1821.90	1804.19	1812.55	0.49	ppb
Molybdenum	94-1	21.39	22.25	22.14	21.93	2.13	ppb
Molybdenum	95-1	0.78	0.81	0.80	0.80	2.28	ppb
Molybdenum	96-1	3.61	3.70	3.72	3.68	1.53	ppb
Molybdenum	97-1	0.76	0.81	0.81	0.79	3.80	ppb
Molybdenum	98-1	0.76	0.80	0.78	0.78	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.33	44.06	43.45	43.62	0.90	ppb
Phosphorus	31-2	3054.11	3059.93	3063.51	3059.18	0.15	ppb
Potassium	39-2	7697.41	7789.90	7703.85	7730.38	0.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	1.67	1.74	1.36	1.59	12.60	ppb
Selenium	77-2	14.60	14.60	13.53	14.24	4.34	ppb
Selenium	78-2	2.34	1.90	3.28	2.51	28.11	ppb
Silicon	28-1	2047.55	2092.92	2097.23	2079.23	1.32	ppb
Silver	107-1	0.97	0.94	0.95	0.95	1.42	ppb
Silver	109-1	0.96	0.94	0.94	0.95	1.44	ppb
Sodium	23-2	135.08	134.84	136.24	135.39	0.55	ppb
Strontium	86-1	1213.43	1243.50	1245.35	1234.09	1.45	ppb
Strontium	88-1	1241.13	1272.66	1280.27	1264.69	1.64	ppb
Sulfur	34-1	1766.65	1845.98	1894.30	1835.64	3.51	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.28	0.28	0.28	1.35	ppb
Thallium	205-1	0.28	0.28	0.29	0.28	2.07	ppb
Tin	118-1	1.80	1.85	1.87	1.84	2.13	ppb
Titanium	47-1	487.07	496.47	496.15	493.23	1.08	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.90	0.89	0.89	0.80	ppb
Vanadium	51-2	174.33	175.52	174.47	174.77	0.37	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	655.99	658.06	658.73	657.60	0.22	ppb
Zirconium	90-1	11.52	11.87	11.84	11.74	1.63	ppb
Zirconium	91-1	11.65	11.86	11.97	11.83	1.40	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31506.53	31691.59	31619.20	31605.77	0.30	ppb
Antimony	121-1	0.24	0.26	0.25	0.25	4.37	ppb
Arsenic	75-2	235.64	239.38	238.45	237.82	0.82	ppb
Barium	135-1	243.88	248.39	247.94	246.74	1.01	ppb
Barium	137-1	245.46	247.86	250.48	247.93	1.01	ppb
Beryllium	9-1	1.11	1.18	1.14	1.14	3.16	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.16	4.92	4.48	4.52	8.43	ppb
Cadmium	106-1	5.14	5.35	5.38	5.29	2.43	ppb
Cadmium	111-1	3.91	3.75	3.75	3.80	2.45	ppb
Calcium	43-1	13604.02	13486.79	13794.43	13628.41	1.14	ppb
Calcium	44-1	13099.33	13091.19	13239.47	13143.33	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.75	40.88	41.02	40.88	0.32	ppb
Cobalt	59-2	33.53	33.60	33.64	33.59	0.18	ppb
Copper	63-2	138.54	139.43	139.00	138.99	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				105		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	87717.14	87615.27	87421.83	87584.75	0.17	ppb
Iron	57-2	86798.62	87293.04	87943.53	87345.06	0.66	ppb
Iron	54-2	87415.56	87193.35	87286.50	87298.47	0.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	236.31	240.84	236.85	238.00	1.04	ppb
Lead	207-1	256.19	257.66	256.75	256.87	0.29	ppb
Lead	208-1	245.30	244.69	245.82	245.27	0.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	15168.18	15074.15	15282.35	15174.89	0.69	ppb
Manganese	55-2	1608.65	1611.34	1605.43	1608.47	0.18	ppb
Molybdenum	94-1	17.50	17.95	18.39	17.94	2.48	ppb
Molybdenum	95-1	1.05	1.09	1.07	1.07	1.94	ppb
Molybdenum	96-1	3.33	3.44	3.45	3.41	1.96	ppb
Molybdenum	97-1	1.01	1.08	1.05	1.04	3.58	ppb
Molybdenum	98-1	0.98	1.03	1.10	1.04	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.08	38.31	37.92	38.10	0.50	ppb
Phosphorus	31-2	3141.62	3074.71	3178.29	3131.54	1.68	ppb
Potassium	39-2	7747.05	7777.13	7816.29	7780.16	0.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	2.47	2.51	2.25	2.41	5.77	ppb
Selenium	77-2	15.06	14.56	13.25	14.29	6.53	ppb
Selenium	78-2	3.02	4.21	3.64	3.62	16.46	ppb
Silicon	28-1	981.03	1021.18	995.83	999.35	2.03	ppb
Silver	107-1	0.97	0.99	0.98	0.98	1.04	ppb
Silver	109-1	0.95	0.98	0.96	0.96	1.26	ppb
Sodium	23-2	135.11	136.57	135.11	135.60	0.62	ppb
Strontium	86-1	1152.60	1163.89	1186.79	1167.76	1.49	ppb
Strontium	88-1	1185.16	1212.04	1203.59	1200.26	1.15	ppb
Sulfur	34-1	396.86	435.91	547.63	460.13	17.01	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.26	0.26	0.29	0.27	5.30	ppb
Thallium	205-1	0.27	0.29	0.28	0.28	2.58	ppb
Tin	118-1	0.83	0.83	0.83	0.83	0.60	ppb
Titanium	47-1	374.14	372.65	378.49	375.09	0.81	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.80	0.82	0.81	1.24	ppb
Vanadium	51-2	119.59	119.84	120.33	119.92	0.32	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	943.87	947.88	946.23	945.99	0.21	ppb
Zirconium	90-1	9.33	9.43	9.56	9.44	1.19	ppb
Zirconium	91-1	9.51	9.36	9.78	9.55	2.22	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38461.33	38191.58	38158.53	38270.48	0.43	ppb
Antimony	121-1	0.34	0.34	0.34	0.34	0.45	ppb
Arsenic	75-2	238.21	241.87	238.71	239.60	0.83	ppb
Barium	135-1	363.76	361.63	369.60	365.00	1.13	ppb
Barium	137-1	385.34	374.93	389.00	383.09	1.91	ppb
Beryllium	9-1	1.43	1.47	1.45	1.45	1.37	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.86	3.65	3.83	3.78	2.99	ppb
Cadmium	106-1	6.55	5.10	5.89	5.85	12.40	ppb
Cadmium	111-1	3.04	2.85	2.99	2.96	3.39	ppb
Calcium	43-1	15272.62	15508.23	15587.43	15456.09	1.06	ppb
Calcium	44-1	14804.44	15031.82	14795.87	14877.38	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.18	48.21	47.71	48.03	0.58	ppb
Cobalt	59-2	39.93	39.92	40.11	39.99	0.26	ppb
Copper	63-2	144.87	144.54	144.53	144.65	0.13	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				105		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	105752.78	106441.79	105573.80	105922.79	0.43	ppb
Iron	57-2	106085.46	105293.75	105685.53	105688.25	0.37	ppb
Iron	54-2	106124.79	106601.10	105748.16	106158.02	0.40	ppb
Krypton	83-1						cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	185.97	190.62	189.26	188.62	1.27	ppb
Lead	207-1	203.88	203.06	202.62	203.19	0.31	ppb
Lead	208-1	194.00	195.50	194.92	194.81	0.39	ppb
Lithium	6-1				105		%
Magnesium	24-2	16472.71	16409.72	16596.17	16492.87	0.58	ppb
Manganese	55-2	1777.36	1771.82	1790.89	1780.02	0.55	ppb
Molybdenum	94-1	23.61	23.86	23.87	23.78	0.63	ppb
Molybdenum	95-1	0.96	0.98	0.93	0.96	2.61	ppb
Molybdenum	96-1	3.98	3.96	4.04	3.99	0.95	ppb
Molybdenum	97-1	0.92	0.91	0.96	0.93	2.72	ppb
Molybdenum	98-1	0.94	0.92	0.95	0.94	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.89	44.21	44.08	44.06	0.37	ppb
Phosphorus	31-2	3207.69	3190.45	3190.80	3196.31	0.31	ppb
Potassium	39-2	8390.17	8406.01	8333.55	8376.58	0.45	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	2.57	2.40	2.04	2.34	11.48	ppb
Selenium	77-2	15.05	16.90	16.30	16.08	5.88	ppb
Selenium	78-2	3.75	3.84	3.64	3.74	2.75	ppb
Silicon	28-1	1461.62	1481.68	1477.60	1473.63	0.72	ppb
Silver	107-1	0.88	0.90	0.92	0.90	2.40	ppb
Silver	109-1	0.88	0.86	0.87	0.87	1.29	ppb
Sodium	23-2	136.91	138.19	136.66	137.25	0.60	ppb
Strontium	86-1	1407.03	1407.65	1427.37	1414.02	0.82	ppb
Strontium	88-1	1451.95	1455.95	1447.29	1451.73	0.30	ppb
Sulfur	34-1	457.43	507.03	566.85	510.44	10.73	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.29	0.32	0.30	4.72	ppb
Thallium	205-1	0.29	0.29	0.30	0.29	1.35	ppb
Tin	118-1	0.94	0.89	0.91	0.91	2.82	ppb
Titanium	47-1	483.80	486.84	487.40	486.01	0.40	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.96	0.96	0.96	1.47	ppb
Vanadium	51-2	162.20	163.17	161.55	162.31	0.50	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	807.00	802.85	804.73	804.86	0.26	ppb
Zirconium	90-1	12.55	12.61	12.68	12.61	0.52	ppb
Zirconium	91-1	12.77	12.69	13.00	12.82	1.26	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33623.17	33340.65	33130.14	33364.65	0.74	ppb
Antimony	121-1	0.18	0.17	0.18	0.18	1.75	ppb
Arsenic	75-2	61.13	61.72	60.54	61.13	0.96	ppb
Barium	135-1	215.07	217.36	219.03	217.15	0.92	ppb
Barium	137-1	214.92	219.26	220.29	218.16	1.31	ppb
Beryllium	9-1	1.00	1.00	0.97	0.99	1.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.14	0.77	0.97	19.36	ppb
Cadmium	106-1	3.24	2.99	2.22	2.82	18.90	ppb
Cadmium	111-1	0.46	0.42	0.42	0.43	4.51	ppb
Calcium	43-1	29554.92	29839.39	30321.44	29905.25	1.30	ppb
Calcium	44-1	28762.26	28649.09	29077.47	28829.61	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.06	59.61	59.33	59.33	0.46	ppb
Cobalt	59-2	39.13	39.59	38.79	39.17	1.03	ppb
Copper	63-2	95.40	96.60	94.66	95.55	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				105		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	91989.74	92717.84	91054.89	91920.82	0.91	ppb
Iron	57-2	91025.63	90787.56	90652.02	90821.74	0.21	ppb
Iron	54-2	93065.63	91828.73	91247.37	92047.24	1.01	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.47	18.99	18.86	18.77	1.44	ppb
Lead	207-1	17.18	17.67	17.52	17.46	1.44	ppb
Lead	208-1	17.47	17.87	17.71	17.68	1.14	ppb
Lithium	6-1				104		%
Magnesium	24-2	18453.16	18623.85	18452.04	18509.68	0.53	ppb
Manganese	55-2	1503.46	1485.24	1453.50	1480.73	1.71	ppb
Molybdenum	94-1	15.72	15.92	16.03	15.89	0.97	ppb
Molybdenum	95-1	0.68	0.64	0.66	0.66	3.27	ppb
Molybdenum	96-1	2.75	2.88	2.90	2.84	2.93	ppb
Molybdenum	97-1	0.63	0.63	0.65	0.64	1.54	ppb
Molybdenum	98-1	0.64	0.69	0.64	0.66	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.44	51.74	50.79	51.32	0.95	ppb
Phosphorus	31-2	2574.90	2595.62	2555.04	2575.19	0.79	ppb
Potassium	39-2	2561.73	2594.48	2574.23	2576.81	0.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.33	0.50	0.75	0.52	40.78	ppb
Selenium	77-2	13.62	12.89	14.75	13.75	6.83	ppb
Selenium	78-2	1.28	1.72	2.59	1.86	36.05	ppb
Silicon	28-1	2065.43	2108.92	2127.57	2100.64	1.52	ppb
Silver	107-1	0.06	0.07	0.08	0.07	10.18	ppb
Silver	109-1	0.04	0.05	0.06	0.05	14.45	ppb
Sodium	23-2	284.03	286.18	280.75	283.65	0.97	ppb
Strontium	86-1	1560.27	1577.10	1594.32	1577.23	1.08	ppb
Strontium	88-1	1602.58	1628.44	1636.67	1622.56	1.10	ppb
Sulfur	34-1	-860.79	-806.13	-767.49	-811.47		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.16	0.15	0.16	1.04	ppb
Thallium	205-1	0.15	0.17	0.15	0.16	8.35	ppb
Tin	118-1	0.45	0.47	0.45	0.45	2.17	ppb
Titanium	47-1	525.82	529.78	534.78	530.13	0.85	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.70	0.70	0.70	0.78	ppb
Vanadium	51-2	157.25	157.79	156.89	157.31	0.29	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	149.51	150.02	148.80	149.44	0.41	ppb
Zirconium	90-1	8.31	8.40	8.60	8.44	1.78	ppb
Zirconium	91-1	8.37	8.60	8.69	8.55	1.93	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36040.64	35628.93	35871.79	35847.12	0.58	ppb
Antimony	121-1	0.22	0.22	0.23	0.23	0.82	ppb
Arsenic	75-2	108.54	106.69	108.86	108.03	1.09	ppb
Barium	135-1	305.21	322.35	323.02	316.86	3.19	ppb
Barium	137-1	318.45	339.10	336.83	331.46	3.42	ppb
Beryllium	9-1	1.36	1.29	1.41	1.36	4.31	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	2.37	2.27	2.27	4.25	ppb
Cadmium	106-1	4.30	3.35	3.67	3.78	12.81	ppb
Cadmium	111-1	1.35	1.33	1.32	1.34	1.23	ppb
Calcium	43-1	13502.73	14640.52	15019.60	14387.62	5.49	ppb
Calcium	44-1	13088.64	14181.68	14309.58	13859.97	4.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.84	43.23	43.56	43.54	0.70	ppb
Cobalt	59-2	40.11	39.37	39.78	39.75	0.93	ppb
Copper	63-2	159.30	157.92	158.35	158.52	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				107		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	96395.46	95414.97	96353.97	96054.80	0.58	ppb
Iron	57-2	95722.37	95518.55	93808.68	95016.53	1.11	ppb
Iron	54-2	97489.90	95585.68	95122.09	96065.89	1.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.64	74.59	76.08	73.77	3.81	ppb
Lead	207-1	73.62	76.51	78.14	76.09	3.01	ppb
Lead	208-1	73.60	77.58	78.45	76.54	3.38	ppb
Lithium	6-1				104		%
Magnesium	24-2	15806.12	15445.99	15574.57	15608.89	1.17	ppb
Manganese	55-2	1809.43	1783.65	1784.34	1792.47	0.82	ppb
Molybdenum	94-1	20.79	22.53	21.91	21.74	4.07	ppb
Molybdenum	95-1	0.59	0.64	0.64	0.62	4.78	ppb
Molybdenum	96-1	3.29	3.48	3.41	3.39	2.84	ppb
Molybdenum	97-1	0.58	0.68	0.60	0.62	8.61	ppb
Molybdenum	98-1	0.57	0.60	0.63	0.60	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.47	40.87	40.62	40.99	1.07	ppb
Phosphorus	31-2	2979.34	2904.44	2916.05	2933.28	1.37	ppb
Potassium	39-2	9285.57	9213.00	9090.94	9196.50	1.07	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	1.18	1.31	1.00	1.16	13.41	ppb
Selenium	77-2	16.77	18.00	17.15	17.31	3.65	ppb
Selenium	78-2	2.92	2.19	2.78	2.63	14.87	ppb
Silicon	28-1	1130.34	1210.42	1236.77	1192.51	4.65	ppb
Silver	107-1	0.32	0.37	0.36	0.35	7.89	ppb
Silver	109-1	0.31	0.33	0.34	0.33	4.27	ppb
Sodium	23-2	120.91	118.76	119.03	119.57	0.98	ppb
Strontium	86-1	1368.31	1441.16	1410.24	1406.57	2.60	ppb
Strontium	88-1	1397.94	1508.95	1469.69	1458.86	3.86	ppb
Sulfur	34-1	-486.57	-306.78	-184.69	-326.01		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.25	0.28	0.26	7.21	ppb
Thallium	205-1	0.25	0.26	0.26	0.26	2.71	ppb
Tin	118-1	1.35	1.46	1.53	1.45	6.13	ppb
Titanium	47-1	498.34	541.47	544.96	528.26	4.92	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.99	1.04	0.99	4.73	ppb
Vanadium	51-2	152.70	150.80	151.29	151.60	0.65	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	382.12	373.79	378.13	378.01	1.10	ppb
Zirconium	90-1	11.32	12.05	11.80	11.72	3.16	ppb
Zirconium	91-1	11.53	12.23	11.82	11.86	2.95	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36009.73	35690.26	35518.15	35739.38	0.70	ppb
Antimony	121-1	0.20	0.21	0.20	0.20	3.30	ppb
Arsenic	75-2	108.82	107.38	107.91	108.04	0.68	ppb
Barium	135-1	315.86	319.46	319.99	318.44	0.71	ppb
Barium	137-1	330.28	331.12	329.03	330.14	0.32	ppb
Beryllium	9-1	1.33	1.30	1.42	1.35	4.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.20	2.38	2.00	2.19	8.76	ppb
Cadmium	106-1	4.24	3.66	3.80	3.90	7.78	ppb
Cadmium	111-1	1.41	1.31	1.33	1.35	3.88	ppb
Calcium	43-1	14270.04	14303.59	14559.84	14377.82	1.10	ppb
Calcium	44-1	13746.27	13662.33	13863.34	13757.31	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.15	44.61	44.33	44.70	0.93	ppb
Cobalt	59-2	39.17	38.90	38.89	38.99	0.41	ppb
Copper	63-2	140.60	140.00	139.70	140.10	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				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	96637.88	95418.48	95255.73	95770.70	0.79	ppb
Iron	57-2	95376.29	95111.25	94420.30	94969.28	0.52	ppb
Iron	54-2	96339.18	95552.11	95941.28	95944.19	0.41	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.49	74.22	74.17	73.96	0.56	ppb
Lead	207-1	75.49	76.01	76.01	75.84	0.39	ppb
Lead	208-1	76.52	76.73	76.75	76.67	0.16	ppb
Lithium	6-1				106		%
Magnesium	24-2	15632.59	15457.69	15531.16	15540.48	0.57	ppb
Manganese	55-2	1793.57	1797.52	1787.70	1792.93	0.28	ppb
Molybdenum	94-1	21.70	21.90	22.29	21.97	1.37	ppb
Molybdenum	95-1	0.60	0.63	0.66	0.63	4.55	ppb
Molybdenum	96-1	3.46	3.51	3.48	3.48	0.77	ppb
Molybdenum	97-1	0.57	0.59	0.60	0.59	2.75	ppb
Molybdenum	98-1	0.60	0.59	0.60	0.60	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.32	40.73	40.93	40.99	0.74	ppb
Phosphorus	31-2	3005.50	2922.53	2924.88	2950.97	1.60	ppb
Potassium	39-2	9302.18	9209.28	9249.92	9253.79	0.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	1.10	1.43	0.85	1.13	25.79	ppb
Selenium	77-2	13.36	16.43	15.64	15.14	10.54	ppb
Selenium	78-2	3.03	1.92	3.05	2.67	24.26	ppb
Silicon	28-1	1179.42	1199.03	1216.89	1198.45	1.56	ppb
Silver	107-1	0.35	0.36	0.34	0.35	1.89	ppb
Silver	109-1	0.32	0.32	0.31	0.32	1.35	ppb
Sodium	23-2	119.10	116.52	115.67	117.10	1.53	ppb
Strontium	86-1	1399.43	1418.47	1441.07	1419.65	1.47	ppb
Strontium	88-1	1462.30	1471.44	1463.20	1465.64	0.34	ppb
Sulfur	34-1	-354.88	-313.56	-264.05	-310.83		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.27	0.26	0.26	2.75	ppb
Thallium	205-1	0.26	0.27	0.26	0.27	2.46	ppb
Tin	118-1	0.74	0.76	0.77	0.76	2.30	ppb
Titanium	47-1	523.61	521.94	528.68	524.75	0.67	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.98	0.99	0.98	0.46	ppb
Vanadium	51-2	152.40	151.29	151.58	151.76	0.38	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	379.45	379.23	378.60	379.09	0.12	ppb
Zirconium	90-1	11.51	11.62	11.85	11.66	1.48	ppb
Zirconium	91-1	11.69	11.67	11.86	11.74	0.92	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7551.73	7544.82	7439.31	7511.95	0.84	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	20.01	ppb
Arsenic	75-2	24.66	23.44	23.90	24.00	2.57	ppb
Barium	135-1	57.29	64.69	65.23	62.40	7.11	ppb
Barium	137-1	58.20	65.01	65.33	62.85	6.41	ppb
Beryllium	9-1	0.18	0.22	0.21	0.20	10.76	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.45	0.33	0.54	0.44	24.75	ppb
Cadmium	106-1	0.62	0.04	-0.51	0.05	1159.04	ppb
Cadmium	111-1	0.20	0.22	0.14	0.19	23.93	ppb
Calcium	43-1	2678.78	3017.93	2982.93	2893.22	6.45	ppb
Calcium	44-1	2549.67	2899.60	2837.90	2762.39	6.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.08	9.11	9.15	9.12	0.38	ppb
Cobalt	59-2	8.37	8.42	8.35	8.38	0.41	ppb
Copper	63-2	33.29	33.32	33.22	33.28	0.16	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				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	20119.78	20045.63	19954.13	20039.84	0.41	ppb
Iron	57-2	20114.44	19877.63	19782.38	19924.82	0.86	ppb
Iron	54-2	20046.30	20173.37	19997.20	20072.29	0.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.29	14.79	14.71	14.26	5.92	ppb
Lead	207-1	13.59	15.02	14.94	14.52	5.56	ppb
Lead	208-1	13.25	14.68	14.72	14.22	5.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	3247.54	3250.87	3245.51	3247.97	0.08	ppb
Manganese	55-2	377.75	378.07	376.91	377.58	0.16	ppb
Molybdenum	94-1	4.10	4.60	4.51	4.40	5.99	ppb
Molybdenum	95-1	-0.03	-0.04	-0.02	-0.03		ppb
Molybdenum	96-1	0.49	0.58	0.60	0.56	10.10	ppb
Molybdenum	97-1	-0.04	-0.03	0.00	-0.03		ppb
Molybdenum	98-1	-0.04	-0.02	-0.03	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.47	8.59	8.80	8.62	1.96	ppb
Phosphorus	31-2	608.38	602.80	583.71	598.30	2.16	ppb
Potassium	39-2	1936.11	1928.11	1940.39	1934.87	0.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	-0.24	-0.36	-0.01	-0.20		ppb
Selenium	77-2	3.09	3.39	2.52	3.00	14.63	ppb
Selenium	78-2	-0.13	0.22	-0.77	-0.23		ppb
Silicon	28-1	172.63	208.65	206.19	195.82	10.28	ppb
Silver	107-1	0.05	0.06	0.06	0.06	9.49	ppb
Silver	109-1	0.04	0.04	0.05	0.04	6.55	ppb
Sodium	23-2	21.98	21.90	23.20	22.36	3.25	ppb
Strontium	86-1	278.73	313.25	313.53	301.83	6.63	ppb
Strontium	88-1	276.28	313.77	311.20	300.42	6.97	ppb
Sulfur	34-1	-1066.82	-807.34	-829.50	-901.22		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.05	0.04	20.90	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	15.24	ppb
Tin	118-1	0.14	0.14	0.16	0.15	7.71	ppb
Titanium	47-1	99.84	110.50	109.58	106.64	5.54	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.18	0.18	0.17	7.75	ppb
Vanadium	51-2	31.72	31.65	31.46	31.61	0.42	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	79.08	79.54	78.49	79.04	0.66	ppb
Zirconium	90-1	2.24	2.54	2.55	2.44	7.22	ppb
Zirconium	91-1	2.31	2.60	2.53	2.48	6.14	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36334.15	35651.05	36076.88	36020.69	0.96	ppb
Antimony	121-1	78.88	78.17	79.22	78.76	0.68	ppb
Arsenic	75-2	132.96	131.94	133.44	132.78	0.58	ppb
Barium	135-1	2047.12	2013.47	2073.65	2044.74	1.47	ppb
Barium	137-1	2039.61	2035.38	2045.76	2040.25	0.26	ppb
Beryllium	9-1	42.04	43.09	43.05	42.73	1.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	39.71	39.54	39.27	39.51	0.56	ppb
Cadmium	106-1	40.10	39.59	40.08	39.92	0.73	ppb
Cadmium	111-1	40.49	40.65	41.33	40.82	1.09	ppb
Calcium	43-1	14017.16	14135.73	14190.53	14114.47	0.63	ppb
Calcium	44-1	13478.41	13695.43	13719.32	13631.05	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	206.69	205.87	208.34	206.97	0.61	ppb
Cobalt	59-2	452.97	450.23	453.04	452.08	0.35	ppb
Copper	63-2	345.92	348.36	348.35	347.54	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				105		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	95604.18	95110.03	95504.52	95406.24	0.27	ppb
Iron	57-2	93759.02	94208.72	94272.59	94080.11	0.30	ppb
Iron	54-2	96150.25	95439.53	95677.80	95755.86	0.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.93	87.73	89.23	87.96	1.32	ppb
Lead	207-1	87.85	87.80	89.65	88.43	1.19	ppb
Lead	208-1	88.95	89.14	90.96	89.68	1.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	15038.48	14899.03	15020.48	14985.99	0.51	ppb
Manganese	55-2	2195.32	2163.61	2196.26	2185.06	0.85	ppb
Molybdenum	94-1	21.29	21.21	21.63	21.38	1.05	ppb
Molybdenum	95-1	0.63	0.62	0.61	0.62	1.24	ppb
Molybdenum	96-1	3.35	3.42	3.37	3.38	1.01	ppb
Molybdenum	97-1	0.52	0.63	0.62	0.59	9.69	ppb
Molybdenum	98-1	0.62	0.59	0.62	0.61	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	439.00	440.15	440.71	439.96	0.20	ppb
Phosphorus	31-2	2860.72	2819.60	2878.61	2852.98	1.06	ppb
Potassium	39-2	9006.16	9031.71	8975.00	9004.29	0.32	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	66.40	66.80	68.17	67.13	1.39	ppb
Selenium	77-2	83.43	87.72	76.72	82.62	6.71	ppb
Selenium	78-2	72.66	71.20	72.90	72.25	1.27	ppb
Silicon	28-1	1282.70	1325.60	1284.97	1297.76	1.86	ppb
Silver	107-1	41.44	41.92	42.45	41.94	1.20	ppb
Silver	109-1	41.84	42.03	42.25	42.04	0.49	ppb
Sodium	23-2	112.38	110.43	111.88	111.56	0.91	ppb
Strontium	86-1	1391.76	1422.20	1417.41	1410.45	1.16	ppb
Strontium	88-1	1442.46	1445.31	1460.12	1449.30	0.65	ppb
Sulfur	34-1	-502.41	-511.99	-424.85	-479.75		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	37.20	36.76	37.81	37.26	1.41	ppb
Thallium	205-1	36.90	36.77	37.39	37.02	0.88	ppb
Tin	118-1	0.73	0.73	0.74	0.73	1.31	ppb
Titanium	47-1	520.21	523.96	525.03	523.07	0.48	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.96	0.96	0.96	0.30	ppb
Vanadium	51-2	559.15	555.59	566.61	560.45	1.00	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	764.62	764.58	767.96	765.72	0.25	ppb
Zirconium	90-1	11.51	11.67	11.71	11.63	0.90	ppb
Zirconium	91-1	11.39	11.74	11.92	11.68	2.31	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39859.38	40111.98	40210.20	40060.52	0.45	ppb
Antimony	121-1	308.06	323.59	324.32	318.66	2.88	ppb
Arsenic	75-2	224.03	221.95	218.79	221.59	1.19	ppb
Barium	135-1	5949.29	6389.77	6354.34	6231.14	3.93	ppb
Barium	137-1	6051.76	6367.45	6338.94	6252.72	2.79	ppb
Beryllium	9-1	141.71	145.83	147.43	144.99	2.03	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.14	147.41	149.43	144.99	4.15	ppb
Cadmium	106-1	139.54	147.87	145.61	144.34	2.99	ppb
Cadmium	111-1	148.68	159.48	157.46	155.21	3.70	ppb
Calcium	43-1	13087.27	14137.33	14351.27	13858.62	4.88	ppb
Calcium	44-1	12842.80	13481.61	13754.59	13359.67	3.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	630.01	619.75	620.36	623.37	0.92	ppb
Cobalt	59-2	1489.51	1478.56	1486.23	1484.77	0.38	ppb
Copper	63-2	842.24	831.15	846.31	839.90	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				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	96862.34	96892.34	95171.99	96308.89	1.02	ppb
Iron	57-2	96437.09	95317.83	95243.28	95666.07	0.70	ppb
Iron	54-2	97809.80	96055.89	95929.52	96598.40	1.09	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	125.57	133.02	135.08	131.22	3.82	ppb
Lead	207-1	123.29	129.74	132.11	128.38	3.56	ppb
Lead	208-1	127.73	134.95	136.18	132.95	3.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	15020.38	15074.11	14948.65	15014.38	0.42	ppb
Manganese	55-2	3207.96	3170.19	3133.97	3170.71	1.17	ppb
Molybdenum	94-1	20.28	21.13	21.41	20.94	2.82	ppb
Molybdenum	95-1	0.61	0.65	0.61	0.62	3.50	ppb
Molybdenum	96-1	3.20	3.30	3.43	3.31	3.50	ppb
Molybdenum	97-1	0.54	0.57	0.58	0.56	3.93	ppb
Molybdenum	98-1	0.62	0.61	0.61	0.61	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1517.63	1529.04	1519.73	1522.13	0.40	ppb
Phosphorus	31-2	2848.13	2789.30	2777.08	2804.84	1.35	ppb
Potassium	39-2	9005.90	8905.89	8884.51	8932.10	0.73	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	300.26	310.91	318.15	309.77	2.90	ppb
Selenium	77-2	352.74	347.46	336.83	345.68	2.34	ppb
Selenium	78-2	336.05	332.86	331.05	333.32	0.76	ppb
Silicon	28-1	1220.10	1355.07	1364.68	1313.29	6.16	ppb
Silver	107-1	77.47	100.48	109.84	95.93	17.36	ppb
Silver	109-1	84.77	106.48	99.40	96.88	11.42	ppb
Sodium	23-2	115.53	113.76	111.89	113.72	1.60	ppb
Strontium	86-1	1332.33	1398.19	1403.22	1377.91	2.87	ppb
Strontium	88-1	1358.33	1424.71	1409.51	1397.51	2.49	ppb
Sulfur	34-1	-713.27	-555.97	-450.16	-573.13		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	146.35	157.09	156.52	153.32	3.94	ppb
Thallium	205-1	147.71	155.42	158.06	153.73	3.50	ppb
Tin	118-1	0.67	0.74	0.73	0.71	5.54	ppb
Titanium	47-1	487.61	527.95	532.96	516.17	4.82	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.94	0.95	0.93	3.15	ppb
Vanadium	51-2	1574.80	1574.67	1567.31	1572.26	0.27	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1873.24	1822.33	1869.81	1855.13	1.53	ppb
Zirconium	90-1	10.99	11.33	11.56	11.29	2.53	ppb
Zirconium	91-1	11.04	11.55	11.83	11.47	3.48	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74373.46	74287.77	73949.83	74203.69	0.30	ppb
Antimony	121-1	0.61	0.63	0.62	0.62	1.20	ppb
Arsenic	75-2	85.85	83.44	82.78	84.02	1.92	ppb
Barium	135-1	71.69	71.13	71.04	71.29	0.49	ppb
Barium	137-1	72.12	71.61	71.56	71.76	0.44	ppb
Beryllium	9-1	0.46	0.51	0.56	0.51	10.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.74	0.72	0.73	1.10	ppb
Cadmium	106-1	1.33	0.71	0.50	0.85	50.87	ppb
Cadmium	111-1	0.46	0.45	0.41	0.44	6.06	ppb
Calcium	43-1	12600.28	12577.10	12412.42	12529.93	0.82	ppb
Calcium	44-1	12082.48	12052.16	11828.27	11987.64	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	219.32	216.65	213.11	216.36	1.44	ppb
Cobalt	59-2	120.91	120.36	120.22	120.50	0.30	ppb
Copper	63-2	329.32	326.27	324.78	326.79	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				103		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	189135.67	187880.47	188545.43	188520.52	0.33	ppb
Iron	57-2	186825.25	186490.56	184697.23	186004.35	0.62	ppb
Iron	54-2	188666.83	188090.44	188932.64	188563.30	0.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.53	2.59	2.63	2.58	1.89	ppb
Lead	207-1	2.47	2.47	2.46	2.47	0.13	ppb
Lead	208-1	2.46	2.50	2.49	2.48	0.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	53466.53	52698.33	52690.36	52951.74	0.84	ppb
Manganese	55-2	3607.26	3618.96	3602.09	3609.44	0.24	ppb
Molybdenum	94-1	3.47	3.58	3.57	3.54	1.71	ppb
Molybdenum	95-1	0.42	0.46	0.46	0.45	5.35	ppb
Molybdenum	96-1	2.02	2.10	2.05	2.06	1.89	ppb
Molybdenum	97-1	0.39	0.42	0.43	0.41	4.92	ppb
Molybdenum	98-1	0.37	0.40	0.39	0.39	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.49	151.16	150.48	151.38	0.68	ppb
Phosphorus	31-2	875.79	862.01	865.35	867.72	0.83	ppb
Potassium	39-2	905.48	902.50	900.90	902.96	0.26	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.62	0.76	0.31	0.56	40.91	ppb
Selenium	77-2	2.54	3.60	3.98	3.37	22.06	ppb
Selenium	78-2	0.58	0.14	0.21	0.31	76.21	ppb
Silicon	28-1	3965.39	3985.49	3936.80	3962.56	0.62	ppb
Silver	107-1	0.15	0.13	0.12	0.13	10.55	ppb
Silver	109-1	0.14	0.13	0.11	0.13	10.79	ppb
Sodium	23-2	417.21	412.78	412.55	414.18	0.63	ppb
Strontium	86-1	1645.67	1667.20	1662.07	1658.31	0.68	ppb
Strontium	88-1	1699.12	1724.20	1733.70	1719.01	1.04	ppb
Sulfur	34-1	-1228.80	-1221.03	-1253.70	-1234.51		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.11	0.09	0.11	13.83	ppb
Thallium	205-1	0.11	0.10	0.10	0.11	3.58	ppb
Tin	118-1	0.44	0.41	0.43	0.43	3.77	ppb
Titanium	47-1	2853.20	2843.97	2812.13	2836.43	0.76	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.15	0.15	0.15	1.41	ppb
Vanadium	51-2	480.66	484.85	483.23	482.91	0.44	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	206.38	206.54	204.45	205.79	0.57	ppb
Zirconium	90-1	1.68	1.72	1.73	1.71	1.28	ppb
Zirconium	91-1	1.79	1.77	1.71	1.76	2.44	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70676.00	70986.81	70745.41	70802.74	0.23	ppb
Antimony	121-1	1.95	1.99	1.98	1.97	1.02	ppb
Arsenic	75-2	272.16	271.65	272.06	271.95	0.10	ppb
Barium	135-1	192.22	194.98	192.83	193.34	0.75	ppb
Barium	137-1	194.89	196.06	192.83	194.60	0.84	ppb
Beryllium	9-1	0.79	0.81	0.85	0.82	4.04	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.16	8.38	8.45	8.33	1.80	ppb
Cadmium	106-1	10.28	9.10	9.24	9.54	6.78	ppb
Cadmium	111-1	8.10	7.90	7.97	7.99	1.22	ppb
Calcium	43-1	10499.61	10548.09	10594.03	10547.24	0.45	ppb
Calcium	44-1	10104.96	10153.50	10171.91	10143.45	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.28	251.35	260.34	256.66	1.83	ppb
Cobalt	59-2	105.04	104.38	104.15	104.53	0.44	ppb
Copper	63-2	1113.70	1107.51	1106.77	1109.33	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				105		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	172443.11	170947.23	172458.08	171949.47	0.50	ppb
Iron	57-2	171174.12	170965.18	171537.45	171225.58	0.17	ppb
Iron	54-2	173460.61	172750.92	173823.67	173345.07	0.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	332.67	337.34	336.17	335.39	0.72	ppb
Lead	207-1	339.47	336.48	346.51	340.82	1.51	ppb
Lead	208-1	332.65	334.32	335.60	334.19	0.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	46614.36	46783.07	46686.27	46694.57	0.18	ppb
Manganese	55-2	3254.11	3260.62	3271.84	3262.19	0.27	ppb
Molybdenum	94-1	12.62	12.73	12.87	12.74	0.97	ppb
Molybdenum	95-1	1.16	1.22	1.21	1.20	2.47	ppb
Molybdenum	96-1	3.56	3.57	3.65	3.59	1.35	ppb
Molybdenum	97-1	1.13	1.17	1.19	1.16	2.44	ppb
Molybdenum	98-1	1.12	1.12	1.17	1.14	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	155.68	153.77	154.74	154.73	0.62	ppb
Phosphorus	31-2	1228.18	1261.60	1264.47	1251.41	1.61	ppb
Potassium	39-2	4157.08	4153.64	4187.48	4166.07	0.45	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	2.79	2.66	2.51	2.65	5.33	ppb
Selenium	77-2	8.93	9.35	7.90	8.73	8.53	ppb
Selenium	78-2	2.84	2.62	2.88	2.78	5.04	ppb
Silicon	28-1	3170.55	3276.23	3225.75	3224.17	1.64	ppb
Silver	107-1	2.37	2.42	2.35	2.38	1.38	ppb
Silver	109-1	2.37	2.37	2.35	2.37	0.40	ppb
Sodium	23-2	97.33	95.80	96.26	96.46	0.81	ppb
Strontium	86-1	1326.66	1344.25	1348.71	1339.87	0.87	ppb
Strontium	88-1	1370.92	1395.49	1387.60	1384.67	0.91	ppb
Sulfur	34-1	-1006.60	-970.50	-995.94	-991.02		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.26	0.28	0.27	4.34	ppb
Thallium	205-1	0.28	0.27	0.27	0.28	0.61	ppb
Tin	118-1	1.83	1.85	1.80	1.83	1.27	ppb
Titanium	47-1	1133.67	1147.88	1137.76	1139.77	0.64	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.60	0.60	0.60	0.72	ppb
Vanadium	51-2	434.79	442.60	435.92	437.77	0.96	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	644.83	645.33	648.87	646.34	0.34	ppb
Zirconium	90-1	6.32	6.46	6.47	6.42	1.30	ppb
Zirconium	91-1	6.60	6.66	6.54	6.60	0.84	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56599.42	57091.63	56075.18	56588.75	0.90	ppb
Antimony	121-1	0.52	0.54	0.53	0.53	1.44	ppb
Arsenic	75-2	103.16	104.13	102.02	103.10	1.02	ppb
Barium	135-1	122.15	124.88	122.49	123.17	1.21	ppb
Barium	137-1	123.43	125.87	124.17	124.49	1.00	ppb
Beryllium	9-1	0.74	0.60	0.69	0.67	10.43	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.63	1.56	1.60	1.60	2.26	ppb
Cadmium	106-1	3.02	2.02	1.51	2.18	35.18	ppb
Cadmium	111-1	0.97	0.93	0.89	0.93	3.86	ppb
Calcium	43-1	13195.37	13251.88	13189.81	13212.35	0.26	ppb
Calcium	44-1	12682.61	12836.29	12634.40	12717.76	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163.20	162.95	162.17	162.77	0.33	ppb
Cobalt	59-2	103.33	103.50	102.31	103.05	0.62	ppb
Copper	63-2	326.56	330.96	330.16	329.22	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				106		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	148594.58	147293.38	146724.80	147537.59	0.65	ppb
Iron	57-2	145503.15	146131.38	144713.98	145449.51	0.49	ppb
Iron	54-2	148211.14	147243.71	145906.28	147120.38	0.79	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.36	33.93	34.15	33.81	1.19	ppb
Lead	207-1	32.69	33.11	33.24	33.01	0.87	ppb
Lead	208-1	32.44	33.08	33.21	32.91	1.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	37263.74	37499.33	36637.98	37133.68	1.20	ppb
Manganese	55-2	3128.61	3082.62	3087.81	3099.68	0.81	ppb
Molybdenum	94-1	8.87	8.89	8.72	8.83	1.07	ppb
Molybdenum	95-1	0.44	0.44	0.46	0.45	2.10	ppb
Molybdenum	96-1	2.29	2.36	2.27	2.31	2.03	ppb
Molybdenum	97-1	0.42	0.42	0.43	0.42	2.11	ppb
Molybdenum	98-1	0.43	0.40	0.44	0.42	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.28	123.27	122.23	123.26	0.83	ppb
Phosphorus	31-2	1115.58	1130.49	1123.94	1123.34	0.67	ppb
Potassium	39-2	2139.80	2120.86	2140.52	2133.73	0.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	1.17	0.68	0.91	0.92	26.92	ppb
Selenium	77-2	7.31	8.15	8.18	7.88	6.24	ppb
Selenium	78-2	1.25	-0.08	0.73	0.63	105.01	ppb
Silicon	28-1	3911.39	3894.81	3931.68	3912.63	0.47	ppb
Silver	107-1	0.35	0.36	0.35	0.35	2.14	ppb
Silver	109-1	0.34	0.36	0.33	0.34	4.85	ppb
Sodium	23-2	203.71	202.17	198.51	201.46	1.33	ppb
Strontium	86-1	1745.29	1747.25	1765.72	1752.75	0.64	ppb
Strontium	88-1	1829.71	1815.20	1787.32	1810.75	1.19	ppb
Sulfur	34-1	-1111.48	-1063.50	-1063.21	-1079.40		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.13	0.10	0.12	11.31	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	3.85	ppb
Tin	118-1	0.58	0.58	0.59	0.59	1.17	ppb
Titanium	47-1	1895.77	1902.24	1877.54	1891.85	0.68	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.48	0.49	0.48	1.28	ppb
Vanadium	51-2	364.60	362.52	357.07	361.40	1.08	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	207.74	207.51	205.78	207.01	0.52	ppb
Zirconium	90-1	4.56	4.59	4.63	4.59	0.69	ppb
Zirconium	91-1	4.68	4.73	4.68	4.69	0.58	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56729.02	57809.45	57016.26	57184.91	0.98	ppb
Antimony	121-1	0.44	0.45	0.46	0.45	2.29	ppb
Arsenic	75-2	95.18	97.16	95.84	96.06	1.05	ppb
Barium	135-1	132.46	132.49	131.46	132.13	0.44	ppb
Barium	137-1	132.74	132.67	133.31	132.91	0.26	ppb
Beryllium	9-1	0.74	0.72	0.78	0.75	4.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.29	1.58	1.20	1.35	14.69	ppb
Cadmium	106-1	2.61	2.00	2.10	2.24	14.55	ppb
Cadmium	111-1	0.89	0.87	0.88	0.88	0.93	ppb
Calcium	43-1	13183.32	13086.20	13195.85	13155.12	0.46	ppb
Calcium	44-1	12719.65	12590.87	12647.56	12652.70	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	149.72	148.86	149.36	149.31	0.29	ppb
Cobalt	59-2	104.56	104.64	104.43	104.55	0.10	ppb
Copper	63-2	318.83	321.29	320.55	320.22	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				103		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	151314.86	151606.19	150051.45	150990.83	0.55	ppb
Iron	57-2	150700.83	149297.82	148780.97	149593.21	0.66	ppb
Iron	54-2	151515.56	152069.47	150322.09	151302.38	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.76	27.49	27.23	27.16	1.36	ppb
Lead	207-1	26.17	26.70	26.76	26.54	1.24	ppb
Lead	208-1	26.05	26.63	26.54	26.41	1.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	36328.44	36722.59	35878.10	36309.71	1.16	ppb
Manganese	55-2	3132.07	3114.47	3080.94	3109.16	0.84	ppb
Molybdenum	94-1	8.73	9.16	9.07	8.98	2.50	ppb
Molybdenum	95-1	0.62	0.66	0.65	0.64	3.28	ppb
Molybdenum	96-1	2.52	2.55	2.51	2.53	0.76	ppb
Molybdenum	97-1	0.59	0.63	0.62	0.61	3.07	ppb
Molybdenum	98-1	0.61	0.60	0.63	0.61	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.15	113.89	113.93	114.33	0.63	ppb
Phosphorus	31-2	1101.62	1087.25	1103.50	1097.46	0.81	ppb
Potassium	39-2	2221.55	2184.22	2210.49	2205.42	0.87	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.85	0.60	1.21	0.89	34.75	ppb
Selenium	77-2	5.58	5.96	7.59	6.38	16.72	ppb
Selenium	78-2	1.52	0.89	0.21	0.87	75.25	ppb
Silicon	28-1	3271.14	3291.52	3284.81	3282.49	0.32	ppb
Silver	107-1	0.27	0.29	0.29	0.28	3.09	ppb
Silver	109-1	0.26	0.29	0.26	0.27	4.69	ppb
Sodium	23-2	187.58	184.83	187.22	186.54	0.80	ppb
Strontium	86-1	1772.56	1818.19	1816.95	1802.57	1.44	ppb
Strontium	88-1	1809.66	1868.43	1849.35	1842.48	1.63	ppb
Sulfur	34-1	-1009.67	-1034.39	-1002.86	-1015.64		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.12	0.12	0.12	0.78	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	5.20	ppb
Tin	118-1	0.54	0.58	0.53	0.55	4.26	ppb
Titanium	47-1	2022.98	2030.41	2037.28	2030.22	0.35	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.48	0.49	0.49	1.43	ppb
Vanadium	51-2	379.97	377.34	377.13	378.15	0.42	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	204.30	204.91	204.12	204.44	0.20	ppb
Zirconium	90-1	4.56	4.68	4.59	4.61	1.29	ppb
Zirconium	91-1	4.67	4.67	4.61	4.65	0.73	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65123.77	65796.66	64962.78	65294.40	0.68	ppb
Antimony	121-1	0.47	0.51	0.48	0.49	3.86	ppb
Arsenic	75-2	103.87	105.51	105.28	104.89	0.85	ppb
Barium	135-1	142.53	142.14	143.36	142.67	0.44	ppb
Barium	137-1	143.05	144.61	143.31	143.66	0.58	ppb
Beryllium	9-1	0.76	0.77	0.74	0.76	2.09	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.57	1.62	1.60	1.60	1.51	ppb
Cadmium	106-1	2.65	2.53	2.03	2.40	13.79	ppb
Cadmium	111-1	1.03	1.03	1.00	1.02	1.65	ppb
Calcium	43-1	14835.12	14605.97	14798.61	14746.57	0.83	ppb
Calcium	44-1	14177.00	14222.19	14149.95	14183.05	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	175.14	174.38	175.26	174.93	0.27	ppb
Cobalt	59-2	123.00	123.25	122.25	122.83	0.42	ppb
Copper	63-2	370.65	372.58	368.98	370.74	0.49	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				103		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	172556.62	170367.64	170330.77	171085.01	0.75	ppb
Iron	57-2	169136.74	171532.00	168800.19	169822.98	0.88	ppb
Iron	54-2	173243.16	171982.07	171274.46	172166.56	0.58	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.21	29.09	29.12	29.14	0.23	ppb
Lead	207-1	28.21	28.44	28.17	28.28	0.52	ppb
Lead	208-1	28.24	28.33	28.29	28.28	0.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	42484.92	42631.70	42232.26	42449.63	0.48	ppb
Manganese	55-2	3607.56	3559.55	3562.44	3576.52	0.75	ppb
Molybdenum	94-1	9.56	9.33	9.60	9.50	1.56	ppb
Molybdenum	95-1	0.75	0.75	0.75	0.75	0.51	ppb
Molybdenum	96-1	2.92	2.80	2.79	2.84	2.39	ppb
Molybdenum	97-1	0.73	0.76	0.74	0.74	2.06	ppb
Molybdenum	98-1	0.71	0.68	0.72	0.70	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.50	133.31	131.82	132.88	0.69	ppb
Phosphorus	31-2	1185.69	1199.23	1214.99	1199.97	1.22	ppb
Potassium	39-2	2186.54	2182.21	2172.74	2180.50	0.32	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.72	0.72	0.46	0.63	23.54	ppb
Selenium	77-2	8.56	7.10	7.16	7.61	10.87	ppb
Selenium	78-2	1.56	1.11	0.76	1.14	35.20	ppb
Silicon	28-1	2727.88	2733.76	2781.23	2747.62	1.06	ppb
Silver	107-1	0.32	0.30	0.31	0.31	2.37	ppb
Silver	109-1	0.30	0.30	0.29	0.30	3.23	ppb
Sodium	23-2	212.10	211.03	209.74	210.95	0.56	ppb
Strontium	86-1	1992.47	1992.93	1999.63	1995.01	0.20	ppb
Strontium	88-1	2040.69	2038.36	2039.33	2039.46	0.06	ppb
Sulfur	34-1	-969.13	-996.60	-928.04	-964.59		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.14	0.14	0.14	3.96	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	6.16	ppb
Tin	118-1	0.69	0.68	0.67	0.68	1.78	ppb
Titanium	47-1	2269.03	2290.29	2265.68	2275.00	0.59	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.51	0.53	0.52	0.52	1.44	ppb
Vanadium	51-2	424.26	429.50	423.10	425.62	0.80	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	231.86	232.33	230.82	231.67	0.33	ppb
Zirconium	90-1	4.78	4.79	4.88	4.82	1.05	ppb
Zirconium	91-1	4.89	4.88	4.97	4.91	0.97	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50663.60	50217.45	50518.40	50466.48	0.45	ppb
Antimony	121-1	507.09	504.54	499.88	503.84	0.73	ppb
Arsenic	75-2	489.08	485.37	481.13	485.19	0.82	ppb
Barium	135-1	2511.97	2538.22	2517.66	2522.62	0.55	ppb
Barium	137-1	2516.98	2517.23	2517.93	2517.38	0.02	ppb
Beryllium	9-1	481.29	484.85	478.21	481.45	0.69	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	492.15	503.29	494.59	496.68	1.18	ppb
Cadmium	106-1	497.15	492.84	494.59	494.86	0.44	ppb
Cadmium	111-1	477.50	498.55	475.31	483.79	2.65	ppb
Calcium	43-1	246424.37	250807.46	253815.15	250348.99	1.48	ppb
Calcium	44-1	248564.55	250126.29	252371.29	250354.04	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.95	496.05	499.62	499.87	0.79	ppb
Cobalt	59-2	490.40	485.10	486.33	487.28	0.57	ppb
Copper	63-2	4717.20	4704.48	4658.56	4693.41	0.66	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				98		%
Holmium	165-2				99		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	127628.06	126106.90	126237.67	126657.54	0.67	ppb
Iron	57-2	127566.57	126324.71	126467.95	126786.41	0.54	ppb
Iron	54-2	127937.00	127479.60	127238.28	127551.63	0.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2590.47	2565.86	2553.90	2570.08	0.73	ppb
Lead	207-1	2535.54	2556.38	2541.82	2544.58	0.42	ppb
Lead	208-1	2532.08	2552.30	2538.17	2540.85	0.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	249829.40	248990.90	248763.54	249194.61	0.23	ppb
Manganese	55-2	4915.56	4882.40	4877.87	4891.95	0.42	ppb
Molybdenum	94-1	4948.72	5017.54	4999.58	4988.61	0.72	ppb
Molybdenum	95-1	4965.21	4983.82	4969.62	4972.88	0.20	ppb
Molybdenum	96-1	4936.98	5020.78	4989.79	4982.52	0.85	ppb
Molybdenum	97-1	4916.84	4980.52	4971.53	4956.30	0.70	ppb
Molybdenum	98-1	4871.32	4969.55	4914.18	4918.35	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.84	461.17	460.24	461.75	0.40	ppb
Phosphorus	31-2	10034.50	9921.71	9927.59	9961.27	0.64	ppb
Potassium	39-2	123739.60	123745.94	123096.06	123527.20	0.30	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	82-1	465.60	476.07	472.04	471.24	1.12	ppb
Selenium	77-2	466.84	481.73	463.40	470.66	2.07	ppb
Selenium	78-2	476.31	469.31	466.44	470.69	1.08	ppb
Silicon	28-1	450.95	456.68	477.29	461.64	3.00	ppb
Silver	107-1	498.16	501.65	499.79	499.87	0.35	ppb
Silver	109-1	505.76	504.68	497.08	502.51	0.94	ppb
Sodium	23-2	247955.47	246636.77	245715.03	246769.09	0.46	ppb
Strontium	86-1	12280.55	12639.54	12327.25	12415.78	1.57	ppb
Strontium	88-1	12446.68	12577.39	12378.46	12467.51	0.81	ppb
Sulfur	34-1	9634.69	9683.96	9708.82	9675.82	0.39	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	516.59	525.31	512.37	518.09	1.27	ppb
Thallium	205-1	516.11	518.43	515.28	516.61	0.32	ppb
Tin	118-1	506.92	511.13	507.13	508.39	0.47	ppb
Titanium	47-1	4864.25	4899.42	4923.36	4895.68	0.61	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	511.92	518.65	510.59	513.72	0.84	ppb
Vanadium	51-2	504.95	502.91	502.17	503.35	0.29	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	4675.15	4662.06	4597.85	4645.02	0.89	ppb
Zirconium	90-1	491.52	495.42	497.03	494.65	0.57	ppb
Zirconium	91-1	501.03	497.46	498.90	499.13	0.36	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.63	-1.66	-1.52	-1.60		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	15.05	ppb
Arsenic	75-2	-0.02	-0.04	0.00	-0.02		ppb
Barium	135-1	-0.08	-0.09	-0.09	-0.09		ppb
Barium	137-1	-0.07	-0.07	-0.08	-0.08		ppb
Beryllium	9-1	-0.05	-0.03	-0.05	-0.04		ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.04	-0.06	-0.03		ppb
Cadmium	106-1	-0.49	-0.62	-1.79	-0.97		ppb
Cadmium	111-1	-0.05	-0.06	-0.14	-0.09		ppb
Calcium	43-1	-9.92	-10.27	-8.34	-9.51		ppb
Calcium	44-1	-11.99	-12.12	-12.24	-12.12		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.04	-0.02	-0.02		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.43	0.45	0.42	0.43	3.26	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				101		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	-3.02	-2.71	-2.73	-2.82		ppb
Iron	57-2	-4.27	-4.08	-4.23	-4.19		ppb
Iron	54-2	-4.26	-3.62	-2.85	-3.58		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.09	-0.09	-0.08	-0.09		ppb
Lead	207-1	-0.09	-0.09	-0.08	-0.09		ppb
Lead	208-1	-0.09	-0.09	-0.08	-0.09		ppb
Lithium	6-1				101		%
Magnesium	24-2	-7.23	-7.30	-6.68	-7.07		ppb
Manganese	55-2	-0.14	-0.14	-0.12	-0.13		ppb
Molybdenum	94-1	-0.14	-0.12	-0.10	-0.12		ppb
Molybdenum	95-1	-0.15	-0.15	-0.14	-0.15		ppb
Molybdenum	96-1	-0.16	-0.16	-0.15	-0.15		ppb
Molybdenum	97-1	-0.16	-0.15	-0.14	-0.15		ppb
Molybdenum	98-1	-0.14	-0.14	-0.14	-0.14		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.07	0.08	0.08	12.49	ppb
Phosphorus	31-2	-19.07	-18.51	-18.83	-18.80		ppb
Potassium	39-2	-7.34	-7.11	-7.41	-7.29		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.24	0.16	-0.16	0.08	261.04	ppb
Selenium	77-2	-0.10	0.05	-0.10	-0.05		ppb
Selenium	78-2	-0.55	-0.41	-1.17	-0.71		ppb
Silicon	28-1	-87.35	-86.50	-87.00	-86.95		ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	-2.19	-2.12	-2.27	-2.19		ppb
Strontium	86-1	-0.50	0.33	-0.15	-0.11		ppb
Strontium	88-1	-0.24	-0.37	-0.34	-0.31		ppb
Sulfur	34-1	-240.10	-188.36	-234.36	-220.94		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.02	0.00	0.01	0.01	58.61	ppb
Titanium	47-1	-0.16	-0.15	-0.16	-0.16		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	-0.02	-0.02	0.02	-0.01		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-06	Instrumnet Name :	P7
Client Sample ID :	MYCZC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:56:06	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73710.29	74713.41	73223.17	73882.29	1.03	ppb
Antimony	121-1	0.46	0.46	0.47	0.46	1.16	ppb
Arsenic	75-2	121.73	122.26	123.34	122.44	0.67	ppb
Barium	135-1	189.88	192.86	191.77	191.50	0.79	ppb
Barium	137-1	191.48	194.81	193.79	193.36	0.88	ppb
Beryllium	9-1	0.80	0.87	0.84	0.84	4.40	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.65	1.46	1.51	7.91	ppb
Cadmium	106-1	2.30	2.36	2.00	2.22	8.69	ppb
Cadmium	111-1	0.74	0.76	0.66	0.72	7.37	ppb
Calcium	43-1	16101.49	16360.59	16153.69	16205.26	0.85	ppb
Calcium	44-1	15592.88	15909.25	15688.57	15730.23	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	164.64	167.87	165.73	166.08	0.99	ppb
Cobalt	59-2	165.90	170.78	168.45	168.37	1.45	ppb
Copper	63-2	375.62	389.00	380.05	381.56	1.79	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				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	182519.06	185793.71	183482.14	183931.64	0.91	ppb
Iron	57-2	178904.64	183751.68	184048.21	182234.84	1.58	ppb
Iron	54-2	181049.32	186099.70	183361.75	183503.59	1.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-06	Instrumnet Name :	P7
Client Sample ID :	MYCZC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:56:06	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.09	14.04	14.50	14.21	1.76	ppb
Lead	207-1	13.48	13.35	13.79	13.54	1.68	ppb
Lead	208-1	13.50	13.46	13.88	13.62	1.70	ppb
Lithium	6-1				102		%
Magnesium	24-2	46024.10	47091.57	46008.74	46374.80	1.34	ppb
Manganese	55-2	5523.41	5614.96	5517.39	5551.92	0.98	ppb
Molybdenum	94-1	8.86	8.79	9.01	8.89	1.26	ppb
Molybdenum	95-1	1.17	1.17	1.25	1.19	3.69	ppb
Molybdenum	96-1	3.22	3.25	3.26	3.24	0.75	ppb
Molybdenum	97-1	1.16	1.15	1.20	1.17	2.47	ppb
Molybdenum	98-1	1.08	1.07	1.10	1.08	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.47	149.41	145.14	146.00	2.10	ppb
Phosphorus	31-2	1065.73	1066.76	1037.68	1056.72	1.56	ppb
Potassium	39-2	1688.02	1688.95	1662.65	1679.87	0.89	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	1.21	0.92	0.97	1.03	14.72	ppb
Selenium	77-2	8.11	7.86	9.26	8.41	8.88	ppb
Selenium	78-2	0.55	0.29	1.82	0.89	92.58	ppb
Silicon	28-1	2144.53	2170.16	2119.72	2144.80	1.18	ppb
Silver	107-1	0.20	0.21	0.21	0.21	2.41	ppb
Silver	109-1	0.20	0.20	0.20	0.20	1.03	ppb
Sodium	23-2	295.22	305.80	297.37	299.47	1.87	ppb
Strontium	86-1	2317.36	2321.07	2360.48	2332.97	1.02	ppb
Strontium	88-1	2379.80	2372.33	2413.45	2388.53	0.92	ppb
Sulfur	34-1	-1077.66	-1150.29	-1197.04	-1141.66		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.17	0.18	0.18	0.18	3.84	ppb
Thallium	205-1	0.19	0.17	0.18	0.18	3.53	ppb
Tin	118-1	0.72	0.78	0.76	0.75	3.53	ppb
Titanium	47-1	782.41	769.55	767.14	773.03	1.06	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-06	Instrumnet Name :	P7
Client Sample ID :	MYCZC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:56:06	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.48	0.49	0.48	1.26	ppb
Vanadium	51-2	464.06	474.33	470.88	469.75	1.11	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	198.43	204.66	200.59	201.23	1.57	ppb
Zirconium	90-1	4.24	4.23	4.30	4.26	0.83	ppb
Zirconium	91-1	4.31	4.33	4.43	4.36	1.47	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-07	Instrumnet Name :	P7
Client Sample ID :	MYCZC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:59:11	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68383.92	68486.10	69104.25	68658.09	0.57	ppb
Antimony	121-1	0.31	0.30	0.30	0.30	1.81	ppb
Arsenic	75-2	85.96	87.41	90.27	87.88	2.50	ppb
Barium	135-1	160.58	161.09	160.93	160.87	0.16	ppb
Barium	137-1	161.29	162.46	162.12	161.96	0.37	ppb
Beryllium	9-1	0.60	0.66	0.58	0.61	6.29	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	1.15	1.18	1.17	1.59	ppb
Cadmium	106-1	1.73	2.31	1.68	1.91	18.48	ppb
Cadmium	111-1	0.54	0.63	0.58	0.58	7.93	ppb
Calcium	43-1	14073.31	14147.56	14110.15	14110.34	0.26	ppb
Calcium	44-1	13467.27	13519.92	13669.98	13552.39	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	181.66	183.50	182.38	182.51	0.51	ppb
Cobalt	59-2	154.67	156.81	156.66	156.05	0.77	ppb
Copper	63-2	373.94	385.46	382.93	380.78	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				104		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	165347.33	169101.33	166366.77	166938.47	1.16	ppb
Iron	57-2	163102.51	166656.14	164832.71	164863.79	1.08	ppb
Iron	54-2	166551.21	169189.36	165801.56	167180.71	1.06	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-07	Instrumnet Name :	P7
Client Sample ID :	MYCZC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:59:11	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.42	3.46	3.58	3.49	2.34	ppb
Lead	207-1	3.25	3.29	3.31	3.28	0.95	ppb
Lead	208-1	3.28	3.35	3.40	3.34	1.72	ppb
Lithium	6-1				101		%
Magnesium	24-2	46572.46	46598.15	46598.66	46589.76	0.03	ppb
Manganese	55-2	5153.54	5200.42	5142.99	5165.65	0.59	ppb
Molybdenum	94-1	5.60	5.65	5.86	5.70	2.36	ppb
Molybdenum	95-1	0.73	0.75	0.72	0.74	2.20	ppb
Molybdenum	96-1	2.29	2.39	2.30	2.33	2.27	ppb
Molybdenum	97-1	0.70	0.61	0.68	0.66	7.11	ppb
Molybdenum	98-1	0.62	0.66	0.66	0.65	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	159.18	161.59	161.79	160.85	0.90	ppb
Phosphorus	31-2	624.84	637.82	621.16	627.94	1.39	ppb
Potassium	39-2	1595.00	1601.65	1595.72	1597.45	0.23	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	0.47	0.56	0.41	0.48	15.62	ppb
Selenium	77-2	4.40	3.57	6.40	4.79	30.27	ppb
Selenium	78-2	0.43	1.04	-0.25	0.41	157.88	ppb
Silicon	28-1	2411.45	2404.92	2417.18	2411.18	0.25	ppb
Silver	107-1	0.23	0.22	0.23	0.23	1.70	ppb
Silver	109-1	0.22	0.22	0.22	0.22	0.84	ppb
Sodium	23-2	251.13	253.52	253.50	252.72	0.54	ppb
Strontium	86-1	1826.23	1832.78	1840.75	1833.25	0.40	ppb
Strontium	88-1	1882.64	1879.59	1903.51	1888.58	0.69	ppb
Sulfur	34-1	-1164.42	-1189.93	-1200.91	-1185.09		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.17	0.17	0.15	0.16	6.40	ppb
Thallium	205-1	0.17	0.15	0.17	0.16	4.51	ppb
Tin	118-1	0.53	0.55	0.53	0.54	2.50	ppb
Titanium	47-1	1313.26	1303.09	1311.41	1309.25	0.41	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-07	Instrumnet Name :	P7
Client Sample ID :	MYCZC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:59:11	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.22	0.23	0.23	1.20	ppb
Vanadium	51-2	436.18	436.39	433.53	435.37	0.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	173.96	177.03	177.69	176.23	1.13	ppb
Zirconium	90-1	2.85	2.80	2.85	2.83	1.02	ppb
Zirconium	91-1	2.80	2.89	2.94	2.88	2.58	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-08	Instrumnet Name :	P7
Client Sample ID :	MYCZC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:02:14	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79157.57	79262.68	73980.97	77467.07	3.90	ppb
Antimony	121-1	1.02	1.12	1.12	1.09	5.50	ppb
Arsenic	75-2	127.74	128.74	122.28	126.25	2.75	ppb
Barium	135-1	83.89	90.67	91.71	88.76	4.79	ppb
Barium	137-1	84.80	91.52	93.04	89.79	4.89	ppb
Beryllium	9-1	0.62	0.63	0.63	0.63	1.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.48	2.62	2.35	2.48	5.37	ppb
Cadmium	106-1	2.84	3.09	2.59	2.84	8.81	ppb
Cadmium	111-1	1.01	1.07	1.01	1.03	3.35	ppb
Calcium	43-1	14996.60	16090.21	16250.20	15779.00	4.32	ppb
Calcium	44-1	14403.10	15432.81	15521.16	15119.02	4.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	322.92	328.44	305.57	318.98	3.74	ppb
Cobalt	59-2	132.67	133.39	122.94	129.67	4.50	ppb
Copper	63-2	514.31	513.44	483.54	503.76	3.48	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				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	184968.98	182788.62	171278.59	179678.73	4.09	ppb
Iron	57-2	181266.57	182544.78	169197.62	177669.65	4.15	ppb
Iron	54-2	183911.77	183922.89	173095.17	180309.94	3.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-08	Instrumnet Name :	P7
Client Sample ID :	MYCZC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:02:14	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.69	27.55	27.28	26.84	3.74	ppb
Lead	207-1	25.34	27.63	27.35	26.77	4.67	ppb
Lead	208-1	25.30	27.37	27.21	26.63	4.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	59660.72	60113.88	55823.12	58532.57	4.03	ppb
Manganese	55-2	3888.72	3874.01	3590.27	3784.33	4.45	ppb
Molybdenum	94-1	7.74	8.38	8.39	8.17	4.52	ppb
Molybdenum	95-1	0.83	0.90	0.94	0.89	6.26	ppb
Molybdenum	96-1	2.65	2.92	2.96	2.84	6.03	ppb
Molybdenum	97-1	0.86	0.89	0.90	0.89	2.44	ppb
Molybdenum	98-1	0.77	0.85	0.89	0.84	7.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	207.65	209.32	195.26	204.07	3.76	ppb
Phosphorus	31-2	824.04	805.10	795.69	808.28	1.79	ppb
Potassium	39-2	785.28	781.66	730.16	765.70	4.03	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	1.03	1.03	1.29	1.11	13.33	ppb
Selenium	77-2	6.50	6.13	6.45	6.36	3.19	ppb
Selenium	78-2	0.71	0.71	0.62	0.68	7.63	ppb
Silicon	28-1	2180.90	2347.38	2387.29	2305.19	4.75	ppb
Silver	107-1	0.23	0.26	0.27	0.25	7.90	ppb
Silver	109-1	0.23	0.25	0.25	0.24	5.31	ppb
Sodium	23-2	126.32	128.77	117.39	124.16	4.82	ppb
Strontium	86-1	1397.24	1505.02	1511.29	1471.18	4.36	ppb
Strontium	88-1	1430.92	1540.39	1528.46	1499.92	4.00	ppb
Sulfur	34-1	-1263.77	-1130.15	-1081.66	-1158.52		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.08	0.08	0.08	2.04	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	6.52	ppb
Tin	118-1	0.58	0.62	0.61	0.60	3.61	ppb
Titanium	47-1	2012.41	2110.48	2162.65	2095.18	3.64	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-08	Instrumnet Name :	P7
Client Sample ID :	MYCZC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:02:14	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.32	0.34	0.34	0.33	4.53	ppb
Vanadium	51-2	419.46	423.44	399.72	414.21	3.07	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	223.08	222.02	206.62	217.24	4.24	ppb
Zirconium	90-1	3.79	4.14	4.27	4.07	6.06	ppb
Zirconium	91-1	3.80	4.22	4.31	4.11	6.59	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-09	Instrumnet Name :	P7
Client Sample ID :	MYCZC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:05:19	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68532.00	67767.75	67871.92	68057.22	0.61	ppb
Antimony	121-1	0.86	0.85	0.87	0.86	1.23	ppb
Arsenic	75-2	87.10	85.82	87.65	86.86	1.08	ppb
Barium	135-1	71.26	71.21	71.07	71.18	0.14	ppb
Barium	137-1	71.84	72.13	71.82	71.93	0.24	ppb
Beryllium	9-1	0.51	0.45	0.45	0.47	7.25	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.76	1.83	1.69	1.76	3.83	ppb
Cadmium	106-1	2.27	2.41	1.86	2.18	13.09	ppb
Cadmium	111-1	0.81	0.80	0.77	0.79	2.39	ppb
Calcium	43-1	12555.68	12654.98	12600.25	12603.64	0.39	ppb
Calcium	44-1	11990.29	12089.60	12067.54	12049.14	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	285.64	278.98	288.62	284.41	1.74	ppb
Cobalt	59-2	109.63	107.80	107.90	108.44	0.95	ppb
Copper	63-2	395.88	387.65	390.80	391.44	1.06	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				102		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	158658.14	156213.93	157051.21	157307.76	0.79	ppb
Iron	57-2	154399.75	155166.84	153850.36	154472.32	0.43	ppb
Iron	54-2	159048.88	156968.73	157173.63	157730.41	0.73	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-09	Instrumnet Name :	P7
Client Sample ID :	MYCZC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:05:19	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.28	16.72	17.00	17.00	1.67	ppb
Lead	207-1	17.16	16.79	16.85	16.93	1.18	ppb
Lead	208-1	16.96	16.58	16.75	16.76	1.12	ppb
Lithium	6-1				102		%
Magnesium	24-2	52491.51	52225.84	52378.65	52365.33	0.25	ppb
Manganese	55-2	2825.81	2761.88	2794.47	2794.05	1.14	ppb
Molybdenum	94-1	6.47	6.57	6.54	6.53	0.79	ppb
Molybdenum	95-1	0.46	0.45	0.45	0.45	1.46	ppb
Molybdenum	96-1	2.22	2.17	2.22	2.20	1.11	ppb
Molybdenum	97-1	0.46	0.41	0.49	0.45	8.84	ppb
Molybdenum	98-1	0.43	0.40	0.43	0.42	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	183.72	180.61	181.96	182.10	0.86	ppb
Phosphorus	31-2	640.62	641.39	640.83	640.95	0.06	ppb
Potassium	39-2	508.61	506.28	507.04	507.31	0.23	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	0.66	0.83	1.06	0.85	23.32	ppb
Selenium	77-2	5.17	4.99	4.92	5.02	2.63	ppb
Selenium	78-2	-0.14	0.25	1.35	0.49	157.90	ppb
Silicon	28-1	1989.41	1999.02	1990.03	1992.82	0.27	ppb
Silver	107-1	0.13	0.15	0.14	0.14	4.13	ppb
Silver	109-1	0.14	0.14	0.14	0.14	2.40	ppb
Sodium	23-2	112.07	110.44	111.41	111.31	0.74	ppb
Strontium	86-1	1253.52	1237.15	1225.10	1238.59	1.15	ppb
Strontium	88-1	1266.21	1275.49	1257.68	1266.46	0.70	ppb
Sulfur	34-1	-1010.75	-1002.89	-995.98	-1003.21		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.06	0.06	0.06	5.30	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	9.89	ppb
Tin	118-1	0.51	0.52	0.49	0.51	2.93	ppb
Titanium	47-1	2360.69	2388.63	2358.06	2369.12	0.72	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-09	Instrumnet Name :	P7
Client Sample ID :	MYCZC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:05:19	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.26	0.26	1.08	ppb
Vanadium	51-2	372.19	367.92	365.44	368.52	0.93	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	186.88	186.18	185.08	186.05	0.49	ppb
Zirconium	90-1	3.36	3.32	3.27	3.32	1.36	ppb
Zirconium	91-1	3.38	3.40	3.39	3.39	0.25	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-10	Instrumnet Name :	P7
Client Sample ID :	MYCZC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:08:22	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71303.62	70279.10	70968.70	70850.48	0.74	ppb
Antimony	121-1	0.80	0.78	0.80	0.79	1.57	ppb
Arsenic	75-2	100.75	101.75	101.30	101.27	0.50	ppb
Barium	135-1	75.87	74.41	74.84	75.04	1.00	ppb
Barium	137-1	76.56	75.17	75.89	75.87	0.91	ppb
Beryllium	9-1	0.59	0.59	0.51	0.56	8.60	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.38	2.47	2.32	2.39	3.29	ppb
Cadmium	106-1	2.74	3.32	2.45	2.84	15.68	ppb
Cadmium	111-1	0.99	1.05	1.01	1.02	3.14	ppb
Calcium	43-1	14232.83	14132.64	14375.14	14246.87	0.86	ppb
Calcium	44-1	13658.86	13559.06	13679.19	13632.37	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297.08	292.13	294.92	294.71	0.84	ppb
Cobalt	59-2	117.82	118.00	118.62	118.15	0.35	ppb
Copper	63-2	426.15	426.80	422.54	425.16	0.54	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				103		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	164003.77	163713.18	163739.11	163818.69	0.10	ppb
Iron	57-2	161583.55	160595.60	163040.18	161739.78	0.76	ppb
Iron	54-2	164661.03	163465.95	163676.27	163934.41	0.39	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-10	Instrumnet Name :	P7
Client Sample ID :	MYCZC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:08:22	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.42	26.43	26.64	26.50	0.48	ppb
Lead	207-1	26.41	26.16	26.41	26.33	0.55	ppb
Lead	208-1	26.06	25.93	26.17	26.05	0.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	51623.16	51004.41	52091.49	51573.02	1.06	ppb
Manganese	55-2	3141.17	3112.37	3161.32	3138.29	0.78	ppb
Molybdenum	94-1	8.23	8.20	7.97	8.13	1.73	ppb
Molybdenum	95-1	0.59	0.59	0.58	0.59	1.31	ppb
Molybdenum	96-1	2.54	2.44	2.46	2.48	2.17	ppb
Molybdenum	97-1	0.59	0.53	0.59	0.57	5.84	ppb
Molybdenum	98-1	0.57	0.54	0.53	0.55	4.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	187.44	187.54	188.17	187.72	0.21	ppb
Phosphorus	31-2	665.99	662.49	655.61	661.36	0.80	ppb
Potassium	39-2	594.00	587.08	591.54	590.87	0.59	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.90	0.36	0.87	0.71	42.64	ppb
Selenium	77-2	4.32	5.76	5.16	5.08	14.20	ppb
Selenium	78-2	0.83	-0.27	1.10	0.55	130.84	ppb
Silicon	28-1	2657.63	2636.38	2715.25	2669.76	1.53	ppb
Silver	107-1	0.27	0.27	0.27	0.27	0.58	ppb
Silver	109-1	0.26	0.27	0.26	0.26	2.95	ppb
Sodium	23-2	120.75	119.28	121.90	120.64	1.09	ppb
Strontium	86-1	1451.70	1458.83	1432.74	1447.76	0.93	ppb
Strontium	88-1	1504.92	1475.33	1481.83	1487.36	1.05	ppb
Sulfur	34-1	-965.98	-998.07	-987.44	-983.83		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.07	0.07	0.07	3.30	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	7.89	ppb
Tin	118-1	0.68	0.67	0.63	0.66	3.78	ppb
Titanium	47-1	2114.75	2095.56	2117.85	2109.39	0.57	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-10	Instrumnet Name :	P7
Client Sample ID :	MYCZC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:08:22	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.31	0.31	0.31	1.28	ppb
Vanadium	51-2	390.49	386.79	395.56	390.95	1.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	206.30	206.85	207.77	206.97	0.36	ppb
Zirconium	90-1	4.22	4.22	4.11	4.18	1.47	ppb
Zirconium	91-1	4.26	4.26	4.15	4.22	1.48	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-11	Instrumnet Name :	P7
Client Sample ID :	MYCZC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:11:28	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73211.06	72185.67	73003.79	72800.17	0.74	ppb
Antimony	121-1	0.73	0.74	0.71	0.73	2.08	ppb
Arsenic	75-2	107.45	104.91	105.19	105.85	1.31	ppb
Barium	135-1	87.81	87.20	86.27	87.09	0.89	ppb
Barium	137-1	88.48	87.98	87.74	88.07	0.43	ppb
Beryllium	9-1	0.59	0.55	0.60	0.58	4.40	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.50	2.44	2.41	2.45	1.91	ppb
Cadmium	106-1	2.81	2.46	2.54	2.60	7.16	ppb
Cadmium	111-1	1.19	1.11	1.17	1.16	3.26	ppb
Calcium	43-1	14753.66	14653.69	14600.39	14669.25	0.53	ppb
Calcium	44-1	14113.53	14254.52	13892.58	14086.88	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	298.12	298.11	296.34	297.53	0.34	ppb
Cobalt	59-2	127.62	127.79	127.34	127.58	0.17	ppb
Copper	63-2	455.91	455.55	449.99	453.82	0.73	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				101		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	166636.15	168246.39	166012.90	166965.14	0.69	ppb
Iron	57-2	165554.17	164415.16	164961.33	164976.88	0.35	ppb
Iron	54-2	167098.23	167374.21	166051.97	166841.47	0.42	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-11	Instrumnet Name :	P7
Client Sample ID :	MYCZC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:11:28	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.12	29.87	29.83	29.60	1.43	ppb
Lead	207-1	29.43	29.82	30.18	29.81	1.25	ppb
Lead	208-1	28.98	29.45	29.55	29.32	1.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	52686.27	52968.35	52095.95	52583.52	0.85	ppb
Manganese	55-2	3410.57	3429.60	3379.61	3406.59	0.74	ppb
Molybdenum	94-1	8.14	8.11	8.17	8.14	0.41	ppb
Molybdenum	95-1	0.58	0.60	0.60	0.60	2.12	ppb
Molybdenum	96-1	2.59	2.53	2.56	2.56	1.10	ppb
Molybdenum	97-1	0.59	0.55	0.54	0.56	4.71	ppb
Molybdenum	98-1	0.54	0.52	0.51	0.52	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	192.18	190.74	190.04	190.98	0.57	ppb
Phosphorus	31-2	734.59	746.15	727.69	736.14	1.27	ppb
Potassium	39-2	655.95	660.87	655.37	657.40	0.46	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.71	0.73	0.43	0.62	26.65	ppb
Selenium	77-2	4.92	6.30	5.51	5.58	12.40	ppb
Selenium	78-2	0.07	0.76	0.40	0.41	84.73	ppb
Silicon	28-1	3111.46	3089.68	3094.06	3098.40	0.37	ppb
Silver	107-1	0.30	0.30	0.31	0.30	1.26	ppb
Silver	109-1	0.29	0.28	0.29	0.29	0.92	ppb
Sodium	23-2	134.28	132.63	132.39	133.10	0.77	ppb
Strontium	86-1	1520.84	1542.25	1517.82	1526.97	0.87	ppb
Strontium	88-1	1565.84	1548.76	1540.17	1551.59	0.84	ppb
Sulfur	34-1	-995.07	-1010.08	-1042.77	-1015.97		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.07	0.08	0.08	4.97	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.91	ppb
Tin	118-1	0.58	0.60	0.62	0.60	3.17	ppb
Titanium	47-1	2140.24	2150.61	2146.01	2145.62	0.24	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-11	Instrumnet Name :	P7
Client Sample ID :	MYCZC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:11:28	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.32	0.33	0.32	0.33	2.18	ppb
Vanadium	51-2	404.31	399.80	399.69	401.27	0.66	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	214.35	214.59	213.05	213.99	0.39	ppb
Zirconium	90-1	4.20	4.20	4.20	4.20	0.06	ppb
Zirconium	91-1	4.18	4.22	4.27	4.22	1.04	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-12	Instrumnet Name :	P7
Client Sample ID :	MYCZD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:14:31	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61472.01	62232.69	62424.72	62043.14	0.81	ppb
Antimony	121-1	0.66	0.64	0.69	0.66	3.77	ppb
Arsenic	75-2	66.71	65.46	64.62	65.60	1.60	ppb
Barium	135-1	58.57	58.85	59.48	58.97	0.78	ppb
Barium	137-1	59.06	59.59	60.13	59.59	0.90	ppb
Beryllium	9-1	0.44	0.41	0.46	0.44	4.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.63	1.61	1.49	1.58	4.97	ppb
Cadmium	106-1	1.92	2.14	1.27	1.77	25.54	ppb
Cadmium	111-1	0.67	0.69	0.65	0.67	3.18	ppb
Calcium	43-1	12299.11	12184.56	12454.67	12312.78	1.10	ppb
Calcium	44-1	11906.46	11804.49	12017.10	11909.35	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243.54	248.85	247.61	246.67	1.13	ppb
Cobalt	59-2	99.75	100.75	99.81	100.10	0.56	ppb
Copper	63-2	346.52	349.12	350.71	348.78	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				102		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	144065.23	146016.35	145794.31	145291.97	0.74	ppb
Iron	57-2	142746.25	143421.89	145211.78	143793.31	0.89	ppb
Iron	54-2	144372.54	146412.30	145024.33	145269.72	0.72	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-12	Instrumnet Name :	P7
Client Sample ID :	MYCZD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:14:31	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.41	14.22	14.29	14.31	0.66	ppb
Lead	207-1	14.32	14.25	14.41	14.33	0.56	ppb
Lead	208-1	14.24	14.09	14.22	14.18	0.59	ppb
Lithium	6-1				99		%
Magnesium	24-2	46220.63	46333.65	46209.03	46254.44	0.15	ppb
Manganese	55-2	2555.98	2611.18	2607.11	2591.42	1.19	ppb
Molybdenum	94-1	5.87	5.96	5.95	5.93	0.82	ppb
Molybdenum	95-1	0.44	0.47	0.44	0.45	4.20	ppb
Molybdenum	96-1	1.97	1.94	1.98	1.96	1.10	ppb
Molybdenum	97-1	0.43	0.43	0.48	0.45	6.43	ppb
Molybdenum	98-1	0.40	0.40	0.42	0.41	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	162.45	165.05	164.28	163.93	0.81	ppb
Phosphorus	31-2	579.24	572.35	567.37	572.99	1.04	ppb
Potassium	39-2	340.93	343.83	341.62	342.13	0.44	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	1.03	0.78	0.65	0.82	23.40	ppb
Selenium	77-2	3.72	4.30	3.55	3.86	10.26	ppb
Selenium	78-2	0.11	0.78	-0.06	0.28	160.96	ppb
Silicon	28-1	2628.68	2580.18	2682.74	2630.53	1.95	ppb
Silver	107-1	0.14	0.14	0.13	0.14	5.58	ppb
Silver	109-1	0.13	0.14	0.14	0.13	4.50	ppb
Sodium	23-2	130.20	132.94	132.41	131.85	1.10	ppb
Strontium	86-1	1225.20	1227.34	1234.75	1229.10	0.41	ppb
Strontium	88-1	1246.33	1268.53	1254.22	1256.36	0.90	ppb
Sulfur	34-1	-970.70	-986.87	-943.09	-966.89		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.03	0.03	0.04	10.31	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.38	ppb
Tin	118-1	0.44	0.42	0.42	0.43	2.62	ppb
Titanium	47-1	2516.67	2500.81	2555.16	2524.21	1.11	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-12	Instrumnet Name :	P7
Client Sample ID :	MYCZD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:14:31	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.21	0.20	1.81	ppb
Vanadium	51-2	335.63	330.62	327.40	331.22	1.25	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	170.03	171.56	171.38	170.99	0.49	ppb
Zirconium	90-1	2.96	3.04	3.00	3.00	1.47	ppb
Zirconium	91-1	3.06	3.02	3.14	3.07	1.97	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-13	Instrumnet Name :	P7
Client Sample ID :	MYCZD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:17:37	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78783.83	78774.41	79831.55	79129.93	0.77	ppb
Antimony	121-1	0.49	0.50	0.48	0.49	1.11	ppb
Arsenic	75-2	123.33	125.03	126.57	124.98	1.30	ppb
Barium	135-1	104.36	102.94	104.68	103.99	0.89	ppb
Barium	137-1	105.14	104.04	104.91	104.70	0.56	ppb
Beryllium	9-1	0.61	0.60	0.70	0.63	8.63	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.23	1.06	1.18	9.22	ppb
Cadmium	106-1	1.77	1.73	2.24	1.91	14.70	ppb
Cadmium	111-1	0.68	0.68	0.71	0.69	1.95	ppb
Calcium	43-1	13809.03	13681.64	13794.11	13761.59	0.51	ppb
Calcium	44-1	13235.02	13213.02	13160.95	13203.00	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.00	239.95	246.80	243.91	1.46	ppb
Cobalt	59-2	155.89	157.88	158.95	157.57	0.98	ppb
Copper	63-2	425.62	418.39	428.79	424.27	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				101		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	186344.06	187215.14	188912.12	187490.44	0.70	ppb
Iron	57-2	185372.75	184606.76	189326.96	186435.49	1.36	ppb
Iron	54-2	188500.41	188478.35	189785.91	188921.55	0.40	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-13	Instrumnet Name :	P7
Client Sample ID :	MYCZD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:17:37	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.12	3.04	3.07	3.07	1.33	ppb
Lead	207-1	2.97	2.91	2.86	2.91	1.85	ppb
Lead	208-1	2.97	2.96	2.94	2.96	0.45	ppb
Lithium	6-1				100		%
Magnesium	24-2	60115.05	60354.55	61709.12	60726.24	1.42	ppb
Manganese	55-2	5135.58	5156.16	5214.95	5168.90	0.80	ppb
Molybdenum	94-1	4.37	4.37	4.44	4.39	0.94	ppb
Molybdenum	95-1	0.98	0.93	0.94	0.95	2.89	ppb
Molybdenum	96-1	2.63	2.55	2.61	2.60	1.67	ppb
Molybdenum	97-1	0.91	0.84	0.88	0.88	3.67	ppb
Molybdenum	98-1	0.85	0.85	0.88	0.86	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	193.81	193.04	197.56	194.80	1.24	ppb
Phosphorus	31-2	805.32	775.63	772.18	784.38	2.32	ppb
Potassium	39-2	728.16	730.16	740.63	732.98	0.91	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.64	0.60	0.76	0.67	12.53	ppb
Selenium	77-2	4.36	6.89	3.97	5.08	31.24	ppb
Selenium	78-2	-0.19	0.06	0.53	0.13	272.10	ppb
Silicon	28-1	2315.55	2350.80	2340.25	2335.53	0.77	ppb
Silver	107-1	0.14	0.14	0.15	0.14	3.99	ppb
Silver	109-1	0.14	0.13	0.13	0.13	2.28	ppb
Sodium	23-2	267.04	267.26	268.66	267.65	0.33	ppb
Strontium	86-1	2087.95	2062.40	2096.84	2082.40	0.86	ppb
Strontium	88-1	2140.89	2122.78	2166.62	2143.43	1.03	ppb
Sulfur	34-1	-1108.87	-1103.41	-1086.69	-1099.65		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.08	0.06	0.07	13.23	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.65	ppb
Tin	118-1	0.58	0.57	0.61	0.59	4.10	ppb
Titanium	47-1	1003.60	981.21	995.79	993.53	1.14	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-13	Instrumnet Name :	P7
Client Sample ID :	MYCZD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:17:37	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.25	0.26	3.25	ppb
Vanadium	51-2	494.75	496.10	509.19	500.01	1.59	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	206.74	206.19	210.27	207.73	1.06	ppb
Zirconium	90-1	1.96	1.96	1.94	1.95	0.56	ppb
Zirconium	91-1	1.97	1.98	2.06	2.00	2.45	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-14	Instrumnet Name :	P7
Client Sample ID :	MYCZD2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:20:40	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62470.28	61343.16	64150.82	62654.75	2.26	ppb
Antimony	121-1	2.57	2.54	2.51	2.54	1.29	ppb
Arsenic	75-2	247.02	250.99	250.63	249.55	0.88	ppb
Barium	135-1	156.50	156.60	156.77	156.62	0.09	ppb
Barium	137-1	157.23	158.23	157.16	157.54	0.38	ppb
Beryllium	9-1	0.66	0.65	0.66	0.66	0.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.92	6.80	6.47	6.73	3.52	ppb
Cadmium	106-1	7.21	7.19	8.50	7.63	9.85	ppb
Cadmium	111-1	6.32	6.22	6.38	6.31	1.29	ppb
Calcium	43-1	12032.22	11866.99	12001.01	11966.74	0.73	ppb
Calcium	44-1	11520.89	11294.95	11507.00	11440.95	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	269.56	264.60	271.84	268.67	1.38	ppb
Cobalt	59-2	76.62	76.29	76.59	76.50	0.24	ppb
Copper	63-2	815.62	815.04	831.26	820.64	1.12	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				102		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	135033.96	134007.47	134743.52	134594.98	0.39	ppb
Iron	57-2	134864.56	134784.04	133504.18	134384.26	0.57	ppb
Iron	54-2	136855.73	136782.79	136182.45	136606.99	0.27	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-14	Instrumnet Name :	P7
Client Sample ID :	MYCZD2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:20:40	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	276.07	270.77	271.48	272.77	1.05	ppb
Lead	207-1	276.94	280.73	279.13	278.94	0.68	ppb
Lead	208-1	273.77	271.34	273.68	272.93	0.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	46490.71	46276.87	47087.05	46618.21	0.90	ppb
Manganese	55-2	2388.39	2368.92	2361.60	2372.97	0.58	ppb
Molybdenum	94-1	11.03	11.08	11.03	11.05	0.25	ppb
Molybdenum	95-1	0.96	1.00	0.98	0.98	2.09	ppb
Molybdenum	96-1	3.02	3.04	3.01	3.02	0.60	ppb
Molybdenum	97-1	0.99	0.99	0.97	0.98	0.83	ppb
Molybdenum	98-1	0.94	1.15	0.90	1.00	13.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	149.41	150.56	150.32	150.10	0.40	ppb
Phosphorus	31-2	988.19	1021.98	1036.20	1015.45	2.43	ppb
Potassium	39-2	3583.29	3534.35	3604.77	3574.13	1.01	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	2.48	2.08	2.15	2.24	9.36	ppb
Selenium	77-2	7.43	9.36	9.14	8.64	12.20	ppb
Selenium	78-2	2.36	0.77	1.89	1.67	48.85	ppb
Silicon	28-1	2051.98	2044.02	2071.86	2055.95	0.70	ppb
Silver	107-1	1.86	1.88	1.86	1.87	0.51	ppb
Silver	109-1	1.86	1.85	1.83	1.85	0.79	ppb
Sodium	23-2	62.28	61.46	64.38	62.71	2.40	ppb
Strontium	86-1	1095.90	1102.87	1099.80	1099.53	0.32	ppb
Strontium	88-1	1133.67	1129.40	1125.30	1129.46	0.37	ppb
Sulfur	34-1	-448.89	-516.77	-518.62	-494.76		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.25	0.24	0.24	0.24	1.73	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	2.12	ppb
Tin	118-1	1.66	1.68	1.65	1.66	0.71	ppb
Titanium	47-1	605.67	598.19	602.69	602.18	0.62	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-14	Instrumnet Name :	P7
Client Sample ID :	MYCZD2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:20:40	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.50	0.49	0.51	0.50	1.67	ppb
Vanadium	51-2	354.48	356.22	363.30	358.00	1.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	512.39	512.70	520.20	515.10	0.86	ppb
Zirconium	90-1	5.60	5.62	5.54	5.59	0.78	ppb
Zirconium	91-1	5.65	5.75	5.70	5.70	0.91	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-15	Instrumnet Name :	P7
Client Sample ID :	MYCZD3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:23:42	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90212.58	88635.27	89522.92	89456.93	0.88	ppb
Antimony	121-1	1.00	0.98	1.00	1.00	1.05	ppb
Arsenic	75-2	113.46	111.21	113.37	112.68	1.13	ppb
Barium	135-1	113.04	114.09	114.74	113.96	0.76	ppb
Barium	137-1	113.22	115.36	115.21	114.60	1.04	ppb
Beryllium	9-1	0.54	0.63	0.72	0.63	14.45	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.57	2.57	2.81	2.65	5.33	ppb
Cadmium	106-1	3.42	3.78	3.66	3.62	5.04	ppb
Cadmium	111-1	1.37	1.43	1.47	1.43	3.74	ppb
Calcium	43-1	33575.65	32952.76	33922.05	33483.48	1.47	ppb
Calcium	44-1	33327.02	33019.14	33182.75	33176.30	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	355.66	355.44	354.48	355.20	0.18	ppb
Cobalt	59-2	114.42	113.74	113.99	114.05	0.30	ppb
Copper	63-2	425.11	426.16	420.88	424.05	0.66	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				102		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	200716.00	199167.76	199761.16	199881.64	0.39	ppb
Iron	57-2	198731.41	198087.35	196661.44	197826.73	0.54	ppb
Iron	54-2	201330.68	200389.03	201529.91	201083.21	0.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-15	Instrumnet Name :	P7
Client Sample ID :	MYCZD3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:23:42	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.30	35.00	35.76	35.35	1.08	ppb
Lead	207-1	35.47	35.09	35.69	35.41	0.86	ppb
Lead	208-1	34.88	34.82	35.30	35.00	0.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	71085.82	70377.54	70478.89	70647.41	0.54	ppb
Manganese	55-2	3491.77	3466.85	3508.41	3489.01	0.60	ppb
Molybdenum	94-1	6.58	6.42	6.52	6.51	1.30	ppb
Molybdenum	95-1	0.79	0.81	0.80	0.80	1.37	ppb
Molybdenum	96-1	2.84	2.83	2.79	2.82	0.83	ppb
Molybdenum	97-1	0.84	0.82	0.80	0.82	2.43	ppb
Molybdenum	98-1	0.76	0.74	0.77	0.76	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	206.56	208.00	205.38	206.65	0.64	ppb
Phosphorus	31-2	807.06	815.55	788.52	803.71	1.72	ppb
Potassium	39-2	750.59	741.23	742.30	744.71	0.69	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				118		%
Scandium	45-2				115		%
Selenium	82-1	0.85	0.82	0.81	0.83	2.33	ppb
Selenium	77-2	7.77	10.06	9.47	9.10	13.07	ppb
Selenium	78-2	1.20	0.40	-0.37	0.41	190.88	ppb
Silicon	28-1	2022.96	1989.44	2023.19	2011.86	0.97	ppb
Silver	107-1	0.36	0.36	0.39	0.37	4.43	ppb
Silver	109-1	0.35	0.35	0.37	0.36	2.56	ppb
Sodium	23-2	133.51	131.97	130.78	132.09	1.03	ppb
Strontium	86-1	1976.94	1987.95	1971.33	1978.74	0.43	ppb
Strontium	88-1	2042.08	2017.62	2027.82	2029.17	0.61	ppb
Sulfur	34-1	-1171.91	-1160.58	-1169.03	-1167.17		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.06	0.07	0.07	11.28	ppb
Thallium	205-1	0.08	0.08	0.07	0.07	5.66	ppb
Tin	118-1	0.86	0.89	0.93	0.89	3.49	ppb
Titanium	47-1	915.00	903.51	898.65	905.72	0.93	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-15	Instrumnet Name :	P7
Client Sample ID :	MYCZD3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:23:42	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.32	0.35	0.34	4.25	ppb
Vanadium	51-2	571.47	560.21	554.55	562.08	1.53	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	247.03	245.44	243.75	245.41	0.67	ppb
Zirconium	90-1	3.23	3.19	3.16	3.19	1.07	ppb
Zirconium	91-1	3.31	3.27	3.23	3.27	1.23	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-16	Instrumnet Name :	P7
Client Sample ID :	MYCZD4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71464.97	72591.57	71129.38	71728.64	1.07	ppb
Antimony	121-1	0.77	0.81	0.78	0.79	2.69	ppb
Arsenic	75-2	153.86	157.26	152.59	154.57	1.56	ppb
Barium	135-1	123.31	125.12	124.14	124.19	0.73	ppb
Barium	137-1	125.16	126.04	124.71	125.30	0.54	ppb
Beryllium	9-1	0.54	0.61	0.56	0.57	6.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.67	2.62	2.80	2.69	3.34	ppb
Cadmium	106-1	3.86	2.45	3.36	3.22	22.04	ppb
Cadmium	111-1	1.49	1.28	1.32	1.36	8.28	ppb
Calcium	43-1	14329.16	14198.28	14318.73	14282.06	0.51	ppb
Calcium	44-1	13813.20	13780.65	13575.16	13723.01	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	268.13	268.27	266.38	267.59	0.39	ppb
Cobalt	59-2	116.65	118.36	115.42	116.81	1.27	ppb
Copper	63-2	384.38	386.80	377.54	382.91	1.25	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				103		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	172548.07	171031.84	171124.55	171568.15	0.50	ppb
Iron	57-2	170759.61	170529.95	170059.24	170449.60	0.21	ppb
Iron	54-2	173169.23	173465.46	170132.18	172255.62	1.07	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-16	Instrumnet Name :	P7
Client Sample ID :	MYCZD4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.91	32.53	32.86	32.77	0.64	ppb
Lead	207-1	33.68	33.39	33.85	33.64	0.69	ppb
Lead	208-1	32.89	32.59	32.98	32.82	0.62	ppb
Lithium	6-1				102		%
Magnesium	24-2	53510.85	53421.43	52815.76	53249.35	0.71	ppb
Manganese	55-2	3454.60	3478.46	3459.60	3464.22	0.36	ppb
Molybdenum	94-1	7.42	7.34	7.45	7.40	0.77	ppb
Molybdenum	95-1	0.84	0.82	0.81	0.82	1.98	ppb
Molybdenum	96-1	2.75	2.81	2.72	2.76	1.66	ppb
Molybdenum	97-1	0.85	0.82	0.82	0.83	2.23	ppb
Molybdenum	98-1	0.77	0.78	0.80	0.78	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	167.75	170.37	166.41	168.18	1.20	ppb
Phosphorus	31-2	812.17	835.98	816.77	821.64	1.54	ppb
Potassium	39-2	1667.39	1676.84	1654.88	1666.37	0.66	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.99	0.78	0.48	0.75	34.46	ppb
Selenium	77-2	5.44	5.15	6.71	5.77	14.35	ppb
Selenium	78-2	0.01	0.54	1.29	0.61	104.81	ppb
Silicon	28-1	1533.03	1499.85	1509.10	1513.99	1.13	ppb
Silver	107-1	0.32	0.33	0.32	0.32	1.16	ppb
Silver	109-1	0.32	0.33	0.32	0.32	2.99	ppb
Sodium	23-2	102.47	103.24	101.20	102.30	1.00	ppb
Strontium	86-1	1605.87	1615.72	1627.20	1616.26	0.66	ppb
Strontium	88-1	1633.62	1669.68	1665.82	1656.37	1.20	ppb
Sulfur	34-1	-992.32	-1053.72	-1007.38	-1017.81		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.09	0.10	0.10	8.78	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	3.52	ppb
Tin	118-1	1.09	1.06	1.06	1.07	1.42	ppb
Titanium	47-1	1039.89	1023.18	1040.83	1034.63	0.96	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-16	Instrumnet Name :	P7
Client Sample ID :	MYCZD4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.34	0.34	0.34	0.34	0.21	ppb
Vanadium	51-2	460.90	466.71	453.48	460.36	1.44	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	236.28	242.09	234.37	237.58	1.69	ppb
Zirconium	90-1	3.62	3.72	3.68	3.67	1.42	ppb
Zirconium	91-1	3.68	3.72	3.77	3.72	1.25	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-17	Instrumnet Name :	P7
Client Sample ID :	MYCZD5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:29:49	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79156.14	78903.03	79497.13	79185.43	0.38	ppb
Antimony	121-1	0.65	0.68	0.67	0.67	2.56	ppb
Arsenic	75-2	164.56	169.03	169.81	167.80	1.69	ppb
Barium	135-1	232.65	236.58	232.51	233.91	0.99	ppb
Barium	137-1	235.26	237.49	234.22	235.65	0.71	ppb
Beryllium	9-1	0.69	0.68	0.68	0.69	0.86	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	1.99	2.26	2.14	6.31	ppb
Cadmium	106-1	3.45	2.62	2.90	2.99	14.14	ppb
Cadmium	111-1	1.05	0.99	1.03	1.02	3.04	ppb
Calcium	43-1	13596.27	13798.22	13755.53	13716.67	0.78	ppb
Calcium	44-1	13087.77	13090.43	13160.68	13112.96	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	251.33	249.64	250.83	250.60	0.35	ppb
Cobalt	59-2	121.14	122.82	121.73	121.90	0.70	ppb
Copper	63-2	335.90	336.43	336.91	336.41	0.15	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				103		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	205488.47	207026.43	206013.92	206176.27	0.38	ppb
Iron	57-2	203849.42	205392.79	203485.45	204242.55	0.50	ppb
Iron	54-2	206015.72	208025.61	208451.43	207497.59	0.63	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-17	Instrumnet Name :	P7
Client Sample ID :	MYCZD5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:29:49	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.97	22.33	22.21	22.17	0.83	ppb
Lead	207-1	21.91	22.41	22.24	22.19	1.16	ppb
Lead	208-1	21.84	22.07	22.02	21.98	0.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	58744.89	59440.49	59177.81	59121.07	0.59	ppb
Manganese	55-2	5366.34	5350.83	5378.74	5365.30	0.26	ppb
Molybdenum	94-1	6.66	6.71	6.68	6.69	0.37	ppb
Molybdenum	95-1	1.87	1.88	1.91	1.89	1.18	ppb
Molybdenum	96-1	3.78	3.89	3.87	3.85	1.50	ppb
Molybdenum	97-1	1.86	1.79	1.82	1.82	1.88	ppb
Molybdenum	98-1	1.79	1.78	1.80	1.79	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	159.02	160.74	159.73	159.83	0.54	ppb
Phosphorus	31-2	893.51	873.93	879.20	882.21	1.15	ppb
Potassium	39-2	1533.97	1502.74	1510.89	1515.87	1.07	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	1.44	0.31	0.96	0.90	62.92	ppb
Selenium	77-2	8.26	10.64	9.63	9.51	12.59	ppb
Selenium	78-2	1.99	0.67	0.56	1.07	74.24	ppb
Silicon	28-1	2217.27	2261.46	2292.37	2257.04	1.67	ppb
Silver	107-1	0.20	0.20	0.19	0.20	2.74	ppb
Silver	109-1	0.18	0.19	0.20	0.19	5.47	ppb
Sodium	23-2	140.62	141.98	142.38	141.66	0.65	ppb
Strontium	86-1	2369.75	2380.52	2405.47	2385.24	0.77	ppb
Strontium	88-1	2448.09	2466.11	2419.78	2444.66	0.96	ppb
Sulfur	34-1	-1223.26	-1189.00	-1200.84	-1204.36		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.14	0.14	0.14	3.43	ppb
Thallium	205-1	0.15	0.13	0.14	0.14	5.81	ppb
Tin	118-1	0.69	0.69	0.65	0.68	3.86	ppb
Titanium	47-1	1201.37	1225.65	1215.30	1214.10	1.00	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-17	Instrumnet Name :	P7
Client Sample ID :	MYCZD5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:29:49	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.39	0.38	0.39	0.47	ppb
Vanadium	51-2	598.89	595.52	597.79	597.40	0.29	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	233.52	237.19	233.46	234.72	0.91	ppb
Zirconium	90-1	2.75	2.80	2.79	2.78	0.99	ppb
Zirconium	91-1	2.90	2.81	2.91	2.87	1.81	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-18	Instrumnet Name :	P7
Client Sample ID :	MYCZD6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:32:52	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67072.17	66916.82	66627.18	66872.06	0.34	ppb
Antimony	121-1	0.88	0.89	0.87	0.88	1.29	ppb
Arsenic	75-2	94.47	97.06	95.09	95.54	1.42	ppb
Barium	135-1	112.07	111.79	112.45	112.10	0.30	ppb
Barium	137-1	111.87	113.98	112.93	112.93	0.93	ppb
Beryllium	9-1	0.52	0.55	0.55	0.54	3.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.70	1.92	1.70	12.81	ppb
Cadmium	106-1	2.12	2.06	1.91	2.03	5.51	ppb
Cadmium	111-1	0.94	0.92	0.91	0.92	1.99	ppb
Calcium	43-1	12365.28	12327.88	12522.33	12405.16	0.83	ppb
Calcium	44-1	11854.87	11986.45	12008.33	11949.89	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.29	245.01	240.40	243.57	1.13	ppb
Cobalt	59-2	103.23	103.49	102.18	102.97	0.68	ppb
Copper	63-2	351.40	358.35	356.48	355.41	1.01	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				103		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	167911.41	169382.08	168205.26	168499.59	0.46	ppb
Iron	57-2	166344.70	167152.84	165496.70	166331.41	0.50	ppb
Iron	54-2	169563.22	168263.36	168341.42	168722.67	0.43	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-18	Instrumnet Name :	P7
Client Sample ID :	MYCZD6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:32:52	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.58	21.40	21.62	21.54	0.54	ppb
Lead	207-1	21.42	21.29	21.37	21.36	0.32	ppb
Lead	208-1	21.25	21.16	21.32	21.24	0.40	ppb
Lithium	6-1				103		%
Magnesium	24-2	49094.60	49319.75	49078.40	49164.25	0.27	ppb
Manganese	55-2	3009.44	3014.41	3039.02	3020.95	0.52	ppb
Molybdenum	94-1	5.23	5.51	5.34	5.36	2.62	ppb
Molybdenum	95-1	0.58	0.55	0.57	0.57	2.98	ppb
Molybdenum	96-1	2.17	2.18	2.21	2.19	0.78	ppb
Molybdenum	97-1	0.55	0.57	0.57	0.56	1.52	ppb
Molybdenum	98-1	0.51	0.52	0.51	0.51	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.04	152.86	150.93	151.94	0.64	ppb
Phosphorus	31-2	739.20	734.83	732.14	735.39	0.48	ppb
Potassium	39-2	1457.71	1470.88	1454.56	1461.05	0.59	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	1.35	0.98	0.32	0.88	59.37	ppb
Selenium	77-2	5.11	4.85	5.16	5.04	3.35	ppb
Selenium	78-2	1.02	0.20	1.46	0.89	71.67	ppb
Silicon	28-1	3467.72	3488.19	3555.11	3503.67	1.30	ppb
Silver	107-1	0.17	0.17	0.17	0.17	0.25	ppb
Silver	109-1	0.16	0.17	0.15	0.16	4.05	ppb
Sodium	23-2	157.99	157.84	156.24	157.36	0.61	ppb
Strontium	86-1	1361.08	1406.33	1375.66	1381.02	1.67	ppb
Strontium	88-1	1397.01	1420.84	1410.67	1409.51	0.85	ppb
Sulfur	34-1	-948.09	-955.69	-892.57	-932.12		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.08	0.08	0.09	14.58	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	6.79	ppb
Tin	118-1	1.03	0.98	1.03	1.01	2.72	ppb
Titanium	47-1	2284.03	2302.26	2341.83	2309.37	1.28	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-18	Instrumnet Name :	P7
Client Sample ID :	MYCZD6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:32:52	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.25	0.26	0.26	0.58	ppb
Vanadium	51-2	445.51	446.27	444.24	445.34	0.23	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	207.07	209.77	209.23	208.69	0.68	ppb
Zirconium	90-1	2.68	2.67	2.66	2.67	0.35	ppb
Zirconium	91-1	2.66	2.75	2.68	2.70	1.63	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-19	Instrumnet Name :	P7
Client Sample ID :	MYCZD7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:35:58	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68950.51	68659.45	67987.82	68532.60	0.72	ppb
Antimony	121-1	0.78	0.77	0.80	0.78	2.09	ppb
Arsenic	75-2	83.05	81.30	81.92	82.09	1.08	ppb
Barium	135-1	69.77	71.02	70.09	70.29	0.92	ppb
Barium	137-1	70.09	71.61	70.94	70.88	1.08	ppb
Beryllium	9-1	0.55	0.52	0.59	0.55	6.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	1.90	1.72	1.69	13.51	ppb
Cadmium	106-1	2.70	2.56	1.86	2.38	18.89	ppb
Cadmium	111-1	0.64	0.55	0.57	0.59	8.68	ppb
Calcium	43-1	12399.59	12416.76	12452.19	12422.85	0.22	ppb
Calcium	44-1	11923.82	11911.53	11746.71	11860.69	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	273.75	278.29	271.69	274.58	1.23	ppb
Cobalt	59-2	126.85	127.15	126.79	126.93	0.15	ppb
Copper	63-2	381.88	381.74	381.79	381.81	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				102		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	156366.31	156789.89	156414.13	156523.44	0.15	ppb
Iron	57-2	153243.37	153997.92	153005.94	153415.74	0.34	ppb
Iron	54-2	157100.14	157850.39	155862.15	156937.56	0.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-19	Instrumnet Name :	P7
Client Sample ID :	MYCZD7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:35:58	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.39	12.40	12.47	12.42	0.37	ppb
Lead	207-1	12.19	12.24	12.22	12.22	0.19	ppb
Lead	208-1	12.11	12.21	12.21	12.18	0.47	ppb
Lithium	6-1				102		%
Magnesium	24-2	48290.52	48741.80	48113.15	48381.82	0.67	ppb
Manganese	55-2	3356.85	3408.57	3370.95	3378.79	0.79	ppb
Molybdenum	94-1	7.23	7.37	7.49	7.36	1.77	ppb
Molybdenum	95-1	0.56	0.60	0.64	0.60	6.96	ppb
Molybdenum	96-1	2.36	2.34	2.35	2.35	0.49	ppb
Molybdenum	97-1	0.53	0.59	0.57	0.56	5.23	ppb
Molybdenum	98-1	0.58	0.58	0.56	0.57	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	182.25	182.79	182.99	182.68	0.21	ppb
Phosphorus	31-2	784.54	791.55	789.93	788.67	0.47	ppb
Potassium	39-2	784.63	796.72	788.57	789.97	0.78	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.78	0.48	0.40	0.55	36.25	ppb
Selenium	77-2	5.62	4.74	4.16	4.84	15.09	ppb
Selenium	78-2	-0.49	0.04	0.58	0.04	1265.37	ppb
Silicon	28-1	4114.42	4136.97	4167.16	4139.52	0.64	ppb
Silver	107-1	0.14	0.14	0.15	0.14	4.52	ppb
Silver	109-1	0.13	0.13	0.13	0.13	1.43	ppb
Sodium	23-2	98.17	98.86	97.99	98.34	0.47	ppb
Strontium	86-1	1510.33	1539.48	1547.89	1532.57	1.29	ppb
Strontium	88-1	1582.04	1591.56	1594.52	1589.37	0.41	ppb
Sulfur	34-1	-858.11	-885.42	-836.70	-860.08		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.07	0.06	0.07	13.46	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	9.03	ppb
Tin	118-1	0.46	0.45	0.47	0.46	1.88	ppb
Titanium	47-1	1749.08	1743.31	1726.40	1739.60	0.68	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-19	Instrumnet Name :	P7
Client Sample ID :	MYCZD7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:35:58	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.31	0.32	0.32	1.54	ppb
Vanadium	51-2	363.74	367.78	364.90	365.47	0.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	182.32	183.83	183.30	183.15	0.42	ppb
Zirconium	90-1	3.70	3.72	3.75	3.72	0.65	ppb
Zirconium	91-1	3.71	3.75	3.82	3.76	1.51	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:39:02	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75645.77	75969.41	75609.88	75741.68	0.26	ppb
Antimony	121-1	1.26	1.28	1.33	1.29	2.98	ppb
Arsenic	75-2	158.23	156.66	159.74	158.21	0.97	ppb
Barium	135-1	147.33	149.15	150.24	148.90	0.99	ppb
Barium	137-1	148.97	150.77	150.67	150.14	0.68	ppb
Beryllium	9-1	0.69	0.71	0.75	0.72	4.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.11	4.43	4.30	4.28	3.82	ppb
Cadmium	106-1	5.89	5.47	4.57	5.31	12.68	ppb
Cadmium	111-1	3.68	3.71	3.70	3.70	0.41	ppb
Calcium	43-1	13385.03	13940.22	13736.02	13687.09	2.05	ppb
Calcium	44-1	12995.53	13096.09	13093.51	13061.71	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	317.97	321.26	320.26	319.83	0.53	ppb
Cobalt	59-2	109.97	109.61	110.40	109.99	0.36	ppb
Copper	63-2	763.81	760.47	762.62	762.30	0.22	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				103		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	170443.93	169442.36	169836.86	169907.72	0.30	ppb
Iron	57-2	169969.94	168182.81	169213.33	169122.02	0.53	ppb
Iron	54-2	171659.57	171943.76	172683.41	172095.58	0.31	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:39:02	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.34	110.16	110.35	110.28	0.10	ppb
Lead	207-1	110.15	110.49	110.74	110.46	0.27	ppb
Lead	208-1	112.31	113.16	112.87	112.78	0.39	ppb
Lithium	6-1				102		%
Magnesium	24-2	54156.10	53970.95	54010.48	54045.85	0.18	ppb
Manganese	55-2	2963.21	2958.85	2986.84	2969.64	0.51	ppb
Molybdenum	94-1	12.02	12.12	12.01	12.05	0.49	ppb
Molybdenum	95-1	0.68	0.70	0.70	0.69	1.49	ppb
Molybdenum	96-1	2.95	3.05	3.07	3.02	2.28	ppb
Molybdenum	97-1	0.66	0.65	0.65	0.65	1.01	ppb
Molybdenum	98-1	0.66	0.63	0.65	0.65	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	190.94	191.04	190.86	190.95	0.05	ppb
Phosphorus	31-2	894.11	916.31	919.48	909.97	1.52	ppb
Potassium	39-2	1244.89	1254.47	1249.01	1249.46	0.38	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	1.82	1.82	1.65	1.76	5.45	ppb
Selenium	77-2	6.46	7.77	7.29	7.17	9.21	ppb
Selenium	78-2	2.25	1.11	1.90	1.75	33.16	ppb
Silicon	28-1	2432.63	2503.90	2481.40	2472.65	1.47	ppb
Silver	107-1	1.01	1.01	1.04	1.02	1.48	ppb
Silver	109-1	1.02	1.01	1.02	1.02	0.40	ppb
Sodium	23-2	128.26	129.67	129.43	129.12	0.58	ppb
Strontium	86-1	1447.79	1489.20	1484.74	1473.91	1.54	ppb
Strontium	88-1	1500.76	1515.40	1505.99	1507.38	0.49	ppb
Sulfur	34-1	-943.84	-850.66	-846.63	-880.38		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.13	0.13	0.12	7.18	ppb
Thallium	205-1	0.13	0.12	0.12	0.12	3.94	ppb
Tin	118-1	1.06	1.06	1.06	1.06	0.18	ppb
Titanium	47-1	2317.87	2302.54	2334.24	2318.22	0.68	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:39:02	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.54	0.54	0.53	0.54	0.30	ppb
Vanadium	51-2	396.45	407.28	405.48	403.07	1.44	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	346.26	347.50	346.71	346.82	0.18	ppb
Zirconium	90-1	6.13	6.36	6.36	6.28	2.10	ppb
Zirconium	91-1	6.31	6.32	6.42	6.35	0.92	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:42:06	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73905.00	73185.70	72819.54	73303.41	0.75	ppb
Antimony	121-1	1.12	1.27	1.24	1.21	6.45	ppb
Arsenic	75-2	153.40	155.26	154.22	154.29	0.60	ppb
Barium	135-1	129.20	146.20	143.88	139.76	6.59	ppb
Barium	137-1	129.32	146.67	146.30	140.76	7.04	ppb
Beryllium	9-1	0.64	0.80	0.63	0.69	13.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.05	4.76	4.33	4.38	8.15	ppb
Cadmium	106-1	4.58	4.63	4.63	4.61	0.59	ppb
Cadmium	111-1	3.05	3.54	3.54	3.38	8.43	ppb
Calcium	43-1	11692.39	13420.83	13296.73	12803.31	7.53	ppb
Calcium	44-1	11218.25	12660.52	12735.90	12204.89	7.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	307.25	306.80	311.31	308.46	0.80	ppb
Cobalt	59-2	108.00	107.28	108.05	107.78	0.40	ppb
Copper	63-2	738.19	730.66	743.44	737.43	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				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	164694.22	163393.62	166129.01	164738.95	0.83	ppb
Iron	57-2	163722.54	162186.50	164037.51	163315.52	0.61	ppb
Iron	54-2	166025.84	164793.13	167035.04	165951.34	0.68	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:42:06	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.67	104.78	107.34	101.93	7.13	ppb
Lead	207-1	93.35	103.73	105.81	100.96	6.61	ppb
Lead	208-1	95.70	106.11	108.84	103.55	6.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	52286.06	51876.29	51962.14	52041.50	0.42	ppb
Manganese	55-2	2888.34	2884.85	2905.37	2892.85	0.38	ppb
Molybdenum	94-1	10.24	12.10	12.15	11.50	9.45	ppb
Molybdenum	95-1	0.56	0.68	0.67	0.64	10.13	ppb
Molybdenum	96-1	2.62	2.98	3.02	2.87	7.70	ppb
Molybdenum	97-1	0.57	0.68	0.72	0.66	11.98	ppb
Molybdenum	98-1	0.54	0.65	0.64	0.61	10.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	186.65	185.32	187.70	186.56	0.64	ppb
Phosphorus	31-2	853.17	873.67	868.37	865.07	1.23	ppb
Potassium	39-2	1243.21	1239.43	1235.96	1239.53	0.29	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	1.35	2.06	1.81	1.74	20.69	ppb
Selenium	77-2	10.38	6.97	8.83	8.73	19.54	ppb
Selenium	78-2	1.54	0.50	2.83	1.63	71.75	ppb
Silicon	28-1	2246.72	2623.24	2552.72	2474.23	8.09	ppb
Silver	107-1	0.88	1.02	0.97	0.96	7.17	ppb
Silver	109-1	0.89	1.00	1.00	0.96	6.76	ppb
Sodium	23-2	126.27	122.37	124.56	124.40	1.57	ppb
Strontium	86-1	1259.25	1445.40	1433.79	1379.48	7.56	ppb
Strontium	88-1	1306.58	1479.96	1466.28	1417.61	6.80	ppb
Sulfur	34-1	-1268.79	-926.42	-974.34	-1056.52		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.11	0.12	0.12	6.07	ppb
Thallium	205-1	0.10	0.12	0.12	0.11	9.14	ppb
Tin	118-1	0.87	1.04	1.00	0.97	8.88	ppb
Titanium	47-1	2045.73	2303.01	2273.85	2207.53	6.38	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:42:06	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.46	0.52	0.53	0.50	7.51	ppb
Vanadium	51-2	389.04	387.02	391.08	389.05	0.52	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	337.33	336.21	337.95	337.16	0.26	ppb
Zirconium	90-1	5.45	6.22	6.25	5.97	7.59	ppb
Zirconium	91-1	5.46	6.33	6.43	6.07	8.78	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 21:45:08	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16628.93	16749.92	16461.35	16613.40	0.87	ppb
Antimony	121-1	0.29	0.27	0.27	0.27	3.57	ppb
Arsenic	75-2	33.17	34.68	33.71	33.86	2.26	ppb
Barium	135-1	29.62	30.44	30.11	30.06	1.37	ppb
Barium	137-1	30.04	30.40	30.39	30.28	0.68	ppb
Beryllium	9-1	0.14	0.10	0.09	0.11	25.20	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.95	0.92	1.04	0.97	6.64	ppb
Cadmium	106-1	1.17	1.10	0.39	0.88	49.01	ppb
Cadmium	111-1	0.70	0.76	0.68	0.72	5.46	ppb
Calcium	43-1	3007.55	3006.03	3025.12	3012.90	0.35	ppb
Calcium	44-1	2915.11	2921.83	2907.14	2914.69	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68.53	68.68	68.28	68.50	0.29	ppb
Cobalt	59-2	24.66	24.82	24.53	24.67	0.57	ppb
Copper	63-2	165.76	166.86	166.40	166.34	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				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	37595.29	38185.86	37832.02	37871.06	0.78	ppb
Iron	57-2	37684.68	38095.08	37232.53	37670.76	1.15	ppb
Iron	54-2	37855.92	38332.42	37838.30	38008.88	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 21:45:08	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.29	22.15	22.03	22.16	0.58	ppb
Lead	207-1	22.13	21.64	22.00	21.93	1.16	ppb
Lead	208-1	22.07	21.68	21.84	21.86	0.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	11937.08	11902.35	11854.27	11897.90	0.35	ppb
Manganese	55-2	658.55	655.93	658.05	657.51	0.21	ppb
Molybdenum	94-1	2.46	2.53	2.57	2.52	2.04	ppb
Molybdenum	95-1	0.12	0.13	0.15	0.14	10.59	ppb
Molybdenum	96-1	0.62	0.63	0.70	0.65	6.83	ppb
Molybdenum	97-1	0.12	0.15	0.14	0.14	12.08	ppb
Molybdenum	98-1	0.15	0.12	0.13	0.13	11.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.56	43.83	43.57	43.66	0.35	ppb
Phosphorus	31-2	189.93	181.48	178.30	183.24	3.28	ppb
Potassium	39-2	267.61	272.73	271.48	270.61	0.99	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.29	0.03	0.20	0.18	74.79	ppb
Selenium	77-2	1.50	1.92	1.65	1.69	12.72	ppb
Selenium	78-2	-0.18	-0.64	-0.85	-0.56		ppb
Silicon	28-1	503.88	500.18	512.77	505.61	1.28	ppb
Silver	107-1	0.22	0.22	0.23	0.22	2.48	ppb
Silver	109-1	0.21	0.21	0.21	0.21	0.71	ppb
Sodium	23-2	30.04	29.85	30.56	30.15	1.22	ppb
Strontium	86-1	305.21	316.05	314.26	311.84	1.86	ppb
Strontium	88-1	305.01	311.31	312.83	309.72	1.34	ppb
Sulfur	34-1	-785.64	-830.84	-816.79	-811.09		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.74	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	10.29	ppb
Tin	118-1	0.21	0.20	0.20	0.20	3.00	ppb
Titanium	47-1	499.11	492.83	496.81	496.25	0.64	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 21:45:08	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.10	0.11	0.11	3.63	ppb
Vanadium	51-2	86.11	85.61	85.02	85.58	0.63	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	80.86	81.38	82.12	81.45	0.78	ppb
Zirconium	90-1	1.26	1.30	1.30	1.29	2.05	ppb
Zirconium	91-1	1.30	1.32	1.34	1.32	1.55	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:48:18	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76629.68	77125.11	77018.44	76924.41	0.34	ppb
Antimony	121-1	28.43	29.05	29.17	28.88	1.38	ppb
Arsenic	75-2	171.67	171.47	168.07	170.40	1.19	ppb
Barium	135-1	2376.34	2391.51	2420.88	2396.24	0.94	ppb
Barium	137-1	2369.82	2423.94	2409.66	2401.14	1.17	ppb
Beryllium	9-1	55.48	54.52	56.82	55.60	2.08	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	17.65	18.74	17.62	18.01	3.53	ppb
Cadmium	106-1	17.22	17.37	18.46	17.68	3.81	ppb
Cadmium	111-1	16.94	17.45	17.64	17.34	2.10	ppb
Calcium	43-1	13513.40	13517.12	13325.75	13452.09	0.81	ppb
Calcium	44-1	12920.53	13021.69	12807.65	12916.63	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	531.15	523.60	520.75	525.17	1.02	ppb
Cobalt	59-2	626.58	617.71	623.60	622.63	0.73	ppb
Copper	63-2	1012.68	987.82	1000.16	1000.22	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				104		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	172149.84	171571.69	172062.07	171927.87	0.18	ppb
Iron	57-2	172003.87	170153.40	171315.27	171157.51	0.55	ppb
Iron	54-2	174458.42	170886.39	171735.66	172360.16	1.08	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:48:18	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.19	113.68	113.90	113.26	0.82	ppb
Lead	207-1	111.93	112.84	113.00	112.59	0.51	ppb
Lead	208-1	115.01	116.78	116.39	116.06	0.80	ppb
Lithium	6-1				102		%
Magnesium	24-2	53130.67	54143.65	53933.58	53735.97	0.99	ppb
Manganese	55-2	3496.54	3452.40	3449.26	3466.06	0.76	ppb
Molybdenum	94-1	12.00	11.99	12.03	12.01	0.19	ppb
Molybdenum	95-1	0.71	0.72	0.70	0.71	1.37	ppb
Molybdenum	96-1	3.05	3.11	3.01	3.06	1.69	ppb
Molybdenum	97-1	0.70	0.69	0.68	0.69	1.71	ppb
Molybdenum	98-1	0.63	0.69	0.63	0.65	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	728.20	722.41	722.23	724.28	0.47	ppb
Phosphorus	31-2	868.07	898.53	864.59	877.06	2.13	ppb
Potassium	39-2	1216.16	1227.04	1225.93	1223.04	0.49	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	6.94	6.92	7.05	6.97	1.01	ppb
Selenium	77-2	10.63	13.79	13.43	12.62	13.69	ppb
Selenium	78-2	7.60	8.08	6.98	7.56	7.26	ppb
Silicon	28-1	2424.50	2435.46	2363.35	2407.77	1.61	ppb
Silver	107-1	48.92	48.02	47.66	48.20	1.35	ppb
Silver	109-1	51.75	50.77	49.73	50.75	1.99	ppb
Sodium	23-2	127.01	126.48	129.65	127.72	1.33	ppb
Strontium	86-1	1463.94	1477.00	1464.93	1468.63	0.50	ppb
Strontium	88-1	1493.38	1500.66	1496.42	1496.82	0.24	ppb
Sulfur	34-1	-959.73	-955.31	-1017.57	-977.54		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	13.37	13.49	13.37	13.41	0.54	ppb
Thallium	205-1	13.18	13.44	13.49	13.37	1.26	ppb
Tin	118-1	1.02	1.02	1.03	1.03	0.25	ppb
Titanium	47-1	2266.69	2328.13	2229.16	2274.66	2.20	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:48:18	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.54	0.53	0.53	1.43	ppb
Vanadium	51-2	913.67	890.86	908.21	904.25	1.32	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	846.55	834.60	833.20	838.12	0.88	ppb
Zirconium	90-1	6.18	6.36	6.27	6.27	1.41	ppb
Zirconium	91-1	6.19	6.40	6.33	6.31	1.69	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:51:15	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79724.73	80370.26	80684.61	80259.87	0.61	ppb
Antimony	121-1	262.10	268.13	276.09	268.77	2.61	ppb
Arsenic	75-2	250.24	253.05	252.59	251.96	0.60	ppb
Barium	135-1	8922.16	9150.66	9278.41	9117.07	1.98	ppb
Barium	137-1	8887.55	9066.65	9286.76	9080.32	2.20	ppb
Beryllium	9-1	210.57	214.26	222.75	215.86	2.89	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	122.53	126.07	125.88	124.83	1.60	ppb
Cadmium	106-1	121.42	123.75	124.68	123.28	1.36	ppb
Cadmium	111-1	130.45	131.94	133.54	131.98	1.17	ppb
Calcium	43-1	12949.85	13149.14	13164.47	13087.82	0.91	ppb
Calcium	44-1	12411.34	12594.42	12545.19	12516.98	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1129.80	1127.48	1139.28	1132.19	0.55	ppb
Cobalt	59-2	2138.73	2134.72	2144.60	2139.35	0.23	ppb
Copper	63-2	1689.10	1677.39	1703.72	1690.07	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				104		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	168808.23	169081.67	168700.98	168863.63	0.12	ppb
Iron	57-2	168918.70	168618.90	167766.27	168434.62	0.35	ppb
Iron	54-2	170134.87	171057.40	172026.81	171073.03	0.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:51:15	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	153.90	157.08	156.83	155.94	1.14	ppb
Lead	207-1	150.02	151.72	153.04	151.60	1.00	ppb
Lead	208-1	156.16	158.57	158.50	157.74	0.87	ppb
Lithium	6-1				103		%
Magnesium	24-2	51925.62	52164.27	52134.01	52074.63	0.25	ppb
Manganese	55-2	4828.97	4845.52	4917.98	4864.16	0.97	ppb
Molybdenum	94-1	11.66	11.59	11.61	11.62	0.28	ppb
Molybdenum	95-1	0.71	0.70	0.72	0.71	1.85	ppb
Molybdenum	96-1	2.93	3.00	2.96	2.96	1.24	ppb
Molybdenum	97-1	0.67	0.66	0.66	0.66	0.63	ppb
Molybdenum	98-1	0.71	0.72	0.67	0.70	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2226.67	2250.44	2246.49	2241.20	0.57	ppb
Phosphorus	31-2	831.70	868.66	841.08	847.15	2.27	ppb
Potassium	39-2	1188.17	1196.42	1193.02	1192.54	0.35	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	35.15	34.79	34.79	34.91	0.61	ppb
Selenium	77-2	39.07	44.38	42.50	41.98	6.41	ppb
Selenium	78-2	36.58	37.89	36.29	36.92	2.31	ppb
Silicon	28-1	2315.94	2345.72	2383.56	2348.41	1.44	ppb
Silver	107-1	206.35	215.85	183.22	201.81	8.32	ppb
Silver	109-1	261.28	256.60	196.62	238.17	15.14	ppb
Sodium	23-2	124.50	125.07	125.33	124.97	0.34	ppb
Strontium	86-1	1428.36	1405.88	1401.57	1411.94	1.02	ppb
Strontium	88-1	1453.53	1453.53	1460.14	1455.73	0.26	ppb
Sulfur	34-1	-1018.23	-970.97	-983.75	-990.98		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	120.63	123.15	123.28	122.35	1.22	ppb
Thallium	205-1	128.90	131.74	131.99	130.88	1.31	ppb
Tin	118-1	0.95	1.01	1.06	1.01	5.60	ppb
Titanium	47-1	2179.86	2213.34	2217.34	2203.51	0.93	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:51:15	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.50	0.51	0.52	0.51	2.49	ppb
Vanadium	51-2	2387.25	2396.94	2429.20	2404.46	0.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2348.55	2365.20	2357.16	2356.97	0.35	ppb
Zirconium	90-1	6.04	6.04	6.05	6.05	0.08	ppb
Zirconium	91-1	6.11	6.12	6.12	6.12	0.07	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-01	Instrumnet Name :	P7
Client Sample ID :	MYCZF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:54:10	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32008.91	32119.43	32252.92	32127.09	0.38	ppb
Antimony	121-1	0.28	0.25	0.24	0.26	9.31	ppb
Arsenic	75-2	67.43	66.08	65.33	66.28	1.60	ppb
Barium	135-1	265.56	273.72	273.10	270.79	1.68	ppb
Barium	137-1	277.01	285.51	288.61	283.71	2.12	ppb
Beryllium	9-1	0.93	0.96	1.00	0.96	3.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.47	2.16	2.27	2.30	6.86	ppb
Cadmium	106-1	3.58	3.70	3.43	3.57	3.74	ppb
Cadmium	111-1	1.69	1.82	1.81	1.77	4.25	ppb
Calcium	43-1	20218.32	20903.40	21635.33	20919.01	3.39	ppb
Calcium	44-1	19650.85	20466.18	20738.81	20285.28	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.48	82.66	83.67	83.27	0.65	ppb
Cobalt	59-2	57.84	57.67	57.66	57.73	0.18	ppb
Copper	63-2	145.28	145.30	146.16	145.58	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				106		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	68283.54	68182.20	69394.31	68620.02	0.98	ppb
Iron	57-2	67392.84	67996.43	67390.97	67593.41	0.52	ppb
Iron	54-2	69045.65	68460.35	69034.96	68846.99	0.49	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-01	Instrumnet Name :	P7
Client Sample ID :	MYCZF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:54:10	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	91.63	91.98	92.65	92.09	0.56	ppb
Lead	207-1	93.65	95.22	94.02	94.30	0.87	ppb
Lead	208-1	94.71	96.90	95.90	95.84	1.15	ppb
Lithium	6-1				105		%
Magnesium	24-2	20789.36	21131.42	21087.43	21002.74	0.89	ppb
Manganese	55-2	2034.87	2046.41	2058.02	2046.43	0.57	ppb
Molybdenum	94-1	16.38	16.54	16.73	16.55	1.05	ppb
Molybdenum	95-1	0.95	0.98	0.99	0.98	2.24	ppb
Molybdenum	96-1	3.00	2.99	3.04	3.01	0.97	ppb
Molybdenum	97-1	0.95	0.91	0.92	0.93	2.44	ppb
Molybdenum	98-1	0.93	0.97	0.98	0.96	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.29	67.64	68.74	68.22	0.81	ppb
Phosphorus	31-2	3084.33	3051.53	3098.64	3078.17	0.78	ppb
Potassium	39-2	10148.28	10170.23	10100.33	10139.61	0.35	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	1.18	1.00	1.40	1.19	16.94	ppb
Selenium	77-2	8.01	9.75	10.54	9.43	13.69	ppb
Selenium	78-2	1.76	1.36	0.50	1.21	53.56	ppb
Silicon	28-1	1668.25	1725.64	1846.15	1746.68	5.20	ppb
Silver	107-1	0.36	0.32	0.30	0.33	9.19	ppb
Silver	109-1	0.35	0.32	0.30	0.32	8.61	ppb
Sodium	23-2	378.45	377.34	374.94	376.91	0.48	ppb
Strontium	86-1	2767.83	2836.28	2894.36	2832.82	2.24	ppb
Strontium	88-1	2866.83	2890.80	2936.70	2898.11	1.23	ppb
Sulfur	34-1	712.35	911.39	1028.20	883.98	18.07	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.25	0.23	0.24	4.35	ppb
Thallium	205-1	0.25	0.23	0.23	0.24	3.87	ppb
Tin	118-1	0.09	0.09	0.08	0.09	5.93	ppb
Titanium	47-1	401.97	420.68	432.22	418.29	3.65	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-01	Instrumnet Name :	P7
Client Sample ID :	MYCZF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:54:10	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.89	0.89	0.89	0.47	ppb
Vanadium	51-2	122.01	121.66	122.32	121.99	0.27	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	440.23	435.31	442.63	439.39	0.85	ppb
Zirconium	90-1	8.51	8.63	8.88	8.67	2.17	ppb
Zirconium	91-1	8.60	8.73	9.02	8.78	2.42	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-02	Instrumnet Name :	P7
Client Sample ID :	MYCZG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:57:15	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23479.18	22974.95	23342.22	23265.45	1.12	ppb
Antimony	121-1	0.07	0.05	0.06	0.06	10.01	ppb
Arsenic	75-2	147.82	145.99	146.58	146.80	0.64	ppb
Barium	135-1	349.12	347.57	346.88	347.86	0.33	ppb
Barium	137-1	364.45	362.45	361.85	362.92	0.38	ppb
Beryllium	9-1	0.77	0.85	0.85	0.82	5.49	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.70	0.89	0.77	0.79	12.61	ppb
Cadmium	106-1	1.31	1.75	1.50	1.52	14.40	ppb
Cadmium	111-1	0.66	0.65	0.65	0.66	0.94	ppb
Calcium	43-1	17856.93	18205.05	17994.80	18018.93	0.97	ppb
Calcium	44-1	17343.96	17357.79	17363.32	17355.02	0.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.95	124.39	124.46	124.60	0.24	ppb
Cobalt	59-2	37.83	37.89	38.28	38.00	0.65	ppb
Copper	63-2	71.93	71.47	72.30	71.90	0.58	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				105		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	56278.19	55928.33	56461.01	56222.51	0.48	ppb
Iron	57-2	55310.60	55507.09	56028.47	55615.39	0.67	ppb
Iron	54-2	56024.24	55913.94	56356.99	56098.39	0.41	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-02	Instrumnet Name :	P7
Client Sample ID :	MYCZG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:57:15	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.19	60.52	60.55	60.75	0.62	ppb
Lead	207-1	60.46	60.10	60.52	60.36	0.37	ppb
Lead	208-1	59.69	58.99	58.98	59.22	0.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	14946.52	14725.77	14877.31	14849.86	0.76	ppb
Manganese	55-2	4297.89	4250.49	4313.00	4287.13	0.76	ppb
Molybdenum	94-1	3.16	4.49	3.29	3.65	20.18	ppb
Molybdenum	95-1	0.64	0.64	0.66	0.65	1.30	ppb
Molybdenum	96-1	1.22	1.20	1.21	1.21	0.67	ppb
Molybdenum	97-1	0.61	0.62	0.57	0.60	4.49	ppb
Molybdenum	98-1	0.59	0.61	0.60	0.60	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.69	115.21	118.00	116.64	1.20	ppb
Phosphorus	31-2	2165.22	2213.91	2227.21	2202.11	1.48	ppb
Potassium	39-2	5679.62	5704.42	5649.68	5677.91	0.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.27	0.36	0.76	0.46	56.45	ppb
Selenium	77-2	9.58	10.81	12.04	10.81	11.35	ppb
Selenium	78-2	0.96	0.37	0.91	0.75	43.72	ppb
Silicon	28-1	1627.76	1678.78	1657.49	1654.68	1.55	ppb
Silver	107-1	0.13	0.12	0.13	0.13	3.82	ppb
Silver	109-1	0.11	0.11	0.11	0.11	2.12	ppb
Sodium	23-2	305.25	305.70	306.69	305.88	0.24	ppb
Strontium	86-1	1937.24	1936.50	1969.27	1947.67	0.96	ppb
Strontium	88-1	1996.15	2002.51	2017.27	2005.31	0.54	ppb
Sulfur	34-1	-526.82	-410.04	-429.78	-455.55		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.22	0.21	0.21	0.21	1.81	ppb
Thallium	205-1	0.22	0.21	0.21	0.21	2.24	ppb
Tin	118-1	0.04	0.03	0.03	0.03	22.38	ppb
Titanium	47-1	229.82	231.98	230.57	230.79	0.48	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-02	Instrumnet Name :	P7
Client Sample ID :	MYCZG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:57:15	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	1.25	1.26	1.26	0.87	ppb
Vanadium	51-2	92.44	92.51	92.43	92.46	0.05	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	181.23	179.44	181.59	180.75	0.64	ppb
Zirconium	90-1	1.45	1.44	1.50	1.46	2.11	ppb
Zirconium	91-1	1.53	1.58	1.56	1.56	1.74	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:00:23	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17861.58	18123.70	17871.38	17952.22	0.83	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	6.62	ppb
Arsenic	75-2	24.32	23.79	24.40	24.17	1.36	ppb
Barium	135-1	148.61	150.29	147.09	148.66	1.08	ppb
Barium	137-1	148.41	150.84	149.93	149.73	0.82	ppb
Beryllium	9-1	0.53	0.52	0.54	0.53	1.82	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.76	0.68	0.67	0.70	7.07	ppb
Cadmium	106-1	1.06	0.87	1.42	1.12	25.01	ppb
Cadmium	111-1	0.44	0.44	0.46	0.45	2.13	ppb
Calcium	43-1	8252.71	8350.72	8393.79	8332.41	0.87	ppb
Calcium	44-1	7906.25	8004.17	7998.81	7969.74	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.33	41.85	41.93	41.70	0.78	ppb
Cobalt	59-2	23.14	23.36	23.31	23.27	0.49	ppb
Copper	63-2	115.98	115.99	115.88	115.95	0.05	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				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	41851.36	42349.30	41678.68	41959.78	0.83	ppb
Iron	57-2	40908.56	41395.63	41270.39	41191.53	0.61	ppb
Iron	54-2	41385.98	42399.15	41860.15	41881.76	1.21	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:00:23	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.34	25.44	25.14	25.31	0.60	ppb
Lead	207-1	24.41	24.77	24.55	24.58	0.74	ppb
Lead	208-1	24.38	24.64	24.42	24.48	0.59	ppb
Lithium	6-1				105		%
Magnesium	24-2	11525.85	11547.98	11495.05	11522.96	0.23	ppb
Manganese	55-2	859.84	874.51	863.02	865.79	0.89	ppb
Molybdenum	94-1	5.75	5.83	5.84	5.81	0.90	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	20.05	ppb
Molybdenum	96-1	0.87	0.91	0.90	0.89	2.54	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	53.88	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	13.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.39	36.21	36.36	36.32	0.26	ppb
Phosphorus	31-2	1402.32	1396.64	1360.45	1386.47	1.64	ppb
Potassium	39-2	3275.32	3287.18	3298.27	3286.92	0.35	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	0.36	0.35	-0.10	0.20	128.43	ppb
Selenium	77-2	6.20	7.23	6.81	6.75	7.65	ppb
Selenium	78-2	0.21	0.24	-0.23	0.07	364.64	ppb
Silicon	28-1	1201.82	1202.60	1203.30	1202.57	0.06	ppb
Silver	107-1	0.10	0.09	0.08	0.09	10.85	ppb
Silver	109-1	0.07	0.07	0.07	0.07	0.67	ppb
Sodium	23-2	138.93	141.83	136.14	138.97	2.05	ppb
Strontium	86-1	848.96	848.30	859.35	852.20	0.73	ppb
Strontium	88-1	841.36	854.06	857.83	851.08	1.01	ppb
Sulfur	34-1	-851.80	-850.51	-849.74	-850.68		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.10	0.10	0.10	7.68	ppb
Thallium	205-1	0.12	0.11	0.11	0.11	8.15	ppb
Tin	118-1	0.12	0.18	0.11	0.14	28.97	ppb
Titanium	47-1	426.11	432.15	431.10	429.78	0.75	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:00:23	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.47	0.49	0.47	0.48	1.73	ppb
Vanadium	51-2	91.90	93.61	91.84	92.45	1.09	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	179.13	179.68	177.91	178.90	0.51	ppb
Zirconium	90-1	3.15	3.20	3.15	3.17	0.92	ppb
Zirconium	91-1	3.13	3.27	3.20	3.20	2.13	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:03:33	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18917.72	18911.77	19043.09	18957.53	0.39	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	14.70	ppb
Arsenic	75-2	28.57	27.33	28.14	28.01	2.25	ppb
Barium	135-1	164.77	167.40	167.70	166.62	0.97	ppb
Barium	137-1	167.72	168.18	169.42	168.44	0.52	ppb
Beryllium	9-1	0.59	0.56	0.57	0.57	3.27	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.59	0.62	0.75	0.65	12.71	ppb
Cadmium	106-1	0.80	1.18	1.21	1.06	21.47	ppb
Cadmium	111-1	0.47	0.49	0.52	0.49	5.18	ppb
Calcium	43-1	9629.90	9759.55	9705.73	9698.39	0.67	ppb
Calcium	44-1	9232.61	9393.29	9184.72	9270.21	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.90	43.04	43.22	43.05	0.37	ppb
Cobalt	59-2	25.80	25.85	25.81	25.82	0.10	ppb
Copper	63-2	116.02	116.24	116.78	116.35	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				105		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	45478.89	45150.77	45177.78	45269.15	0.40	ppb
Iron	57-2	44481.75	44638.25	45118.06	44746.02	0.74	ppb
Iron	54-2	45431.58	45338.17	45154.46	45308.07	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:03:33	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.67	31.11	31.67	31.49	1.03	ppb
Lead	207-1	30.86	30.35	31.14	30.78	1.30	ppb
Lead	208-1	30.62	30.20	30.91	30.58	1.16	ppb
Lithium	6-1				106		%
Magnesium	24-2	12243.12	12179.24	12291.26	12237.87	0.46	ppb
Manganese	55-2	947.98	938.24	940.52	942.25	0.54	ppb
Molybdenum	94-1	5.66	5.76	5.77	5.73	1.06	ppb
Molybdenum	95-1	0.06	0.08	0.07	0.07	8.78	ppb
Molybdenum	96-1	0.96	0.95	0.96	0.96	0.42	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	3.01	ppb
Molybdenum	98-1	0.05	0.06	0.07	0.06	13.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.42	39.76	39.68	39.96	1.02	ppb
Phosphorus	31-2	1572.06	1587.24	1539.08	1566.13	1.57	ppb
Potassium	39-2	3500.70	3485.64	3483.28	3489.87	0.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	0.32	0.59	0.51	0.47	28.80	ppb
Selenium	77-2	7.62	5.84	4.61	6.02	25.11	ppb
Selenium	78-2	0.07	-0.22	0.05	-0.03		ppb
Silicon	28-1	1189.33	1247.23	1225.56	1220.71	2.40	ppb
Silver	107-1	0.09	0.10	0.10	0.10	3.87	ppb
Silver	109-1	0.08	0.09	0.09	0.09	4.00	ppb
Sodium	23-2	165.82	164.38	166.81	165.67	0.74	ppb
Strontium	86-1	972.43	988.18	983.87	981.49	0.83	ppb
Strontium	88-1	998.22	986.20	998.07	994.16	0.69	ppb
Sulfur	34-1	-865.98	-821.06	-800.48	-829.17		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.12	0.11	0.12	4.49	ppb
Thallium	205-1	0.13	0.12	0.13	0.13	5.21	ppb
Tin	118-1	0.10	0.15	0.18	0.14	28.53	ppb
Titanium	47-1	447.98	459.54	457.26	454.92	1.35	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:03:33	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.52	0.54	0.53	1.86	ppb
Vanadium	51-2	94.60	93.35	94.26	94.07	0.69	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	233.88	232.46	233.70	233.35	0.33	ppb
Zirconium	90-1	3.04	3.09	3.13	3.09	1.50	ppb
Zirconium	91-1	3.16	3.10	3.09	3.12	1.32	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 22:06:42	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3566.66	3610.36	3553.32	3576.78	0.83	ppb
Antimony	121-1	0.00	0.00	-0.01	-0.01		ppb
Arsenic	75-2	4.93	4.96	4.91	4.93	0.52	ppb
Barium	135-1	29.66	29.44	30.34	29.82	1.57	ppb
Barium	137-1	29.83	29.65	30.03	29.84	0.64	ppb
Beryllium	9-1	0.07	0.05	0.08	0.06	25.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	-0.04	0.04	0.03	219.98	ppb
Cadmium	106-1	0.13	-0.02	0.04	0.05	144.54	ppb
Cadmium	111-1	0.07	0.07	0.06	0.07	6.79	ppb
Calcium	43-1	1686.08	1725.04	1672.63	1694.58	1.61	ppb
Calcium	44-1	1685.58	1722.92	1659.32	1689.27	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.49	8.64	8.52	8.55	0.97	ppb
Cobalt	59-2	4.82	4.86	4.79	4.83	0.71	ppb
Copper	63-2	24.05	24.33	23.94	24.10	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				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	8590.73	8552.45	8549.43	8564.21	0.27	ppb
Iron	57-2	8641.45	8672.54	8569.48	8627.82	0.61	ppb
Iron	54-2	8694.70	8643.01	8603.88	8647.20	0.53	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 22:06:42	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.92	4.94	5.17	5.01	2.79	ppb
Lead	207-1	4.97	4.80	4.99	4.92	2.03	ppb
Lead	208-1	4.82	4.85	4.93	4.87	1.21	ppb
Lithium	6-1				101		%
Magnesium	24-2	2345.57	2268.89	2339.08	2317.85	1.83	ppb
Manganese	55-2	173.08	174.59	172.58	173.42	0.60	ppb
Molybdenum	94-1	1.03	1.07	1.09	1.06	2.72	ppb
Molybdenum	95-1	-0.15	-0.15	-0.16	-0.16		ppb
Molybdenum	96-1	0.02	0.02	0.03	0.03	14.84	ppb
Molybdenum	97-1	-0.17	-0.16	-0.17	-0.16		ppb
Molybdenum	98-1	-0.15	-0.15	-0.16	-0.15		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.50	7.71	7.69	7.63	1.50	ppb
Phosphorus	31-2	276.33	288.64	260.14	275.04	5.20	ppb
Potassium	39-2	677.86	688.77	677.29	681.30	0.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	-0.13	-0.23	-0.27	-0.21		ppb
Selenium	77-2	1.52	1.38	0.64	1.18	40.10	ppb
Selenium	78-2	-0.44	-0.39	-1.01	-0.61		ppb
Silicon	28-1	198.19	214.81	215.44	209.48	4.67	ppb
Silver	107-1	0.00	0.01	0.00	0.00	616.80	ppb
Silver	109-1	0.00	0.00	0.00	0.00	507.53	ppb
Sodium	23-2	22.10	20.94	21.23	21.42	2.81	ppb
Strontium	86-1	179.59	175.76	177.81	177.72	1.08	ppb
Strontium	88-1	175.03	176.73	176.27	176.01	0.50	ppb
Sulfur	34-1	-974.03	-887.81	-959.34	-940.40		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.00	0.01	70.06	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	34.67	ppb
Tin	118-1	0.15	0.03	0.02	0.06	108.64	ppb
Titanium	47-1	87.36	88.37	87.15	87.62	0.74	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 22:06:42	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.08	0.08	0.08	0.76	ppb
Vanadium	51-2	18.85	19.15	19.12	19.04	0.87	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	36.93	36.37	36.27	36.52	0.97	ppb
Zirconium	90-1	0.65	0.63	0.64	0.64	1.46	ppb
Zirconium	91-1	0.68	0.63	0.67	0.66	3.55	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:09:53	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19255.44	19376.28	19295.36	19309.03	0.32	ppb
Antimony	121-1	72.89	72.89	73.25	73.01	0.28	ppb
Arsenic	75-2	52.55	52.69	53.41	52.89	0.87	ppb
Barium	135-1	1713.93	1689.97	1705.16	1703.02	0.71	ppb
Barium	137-1	1723.86	1700.37	1716.11	1713.45	0.70	ppb
Beryllium	9-1	37.99	38.30	37.81	38.03	0.65	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.78	35.05	35.10	35.31	1.16	ppb
Cadmium	106-1	35.37	34.17	34.59	34.71	1.75	ppb
Cadmium	111-1	37.38	36.89	37.38	37.22	0.77	ppb
Calcium	43-1	8569.17	8694.88	8591.89	8618.65	0.78	ppb
Calcium	44-1	8257.92	8316.65	8228.72	8267.76	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	189.31	191.71	193.35	191.45	1.06	ppb
Cobalt	59-2	391.51	402.59	401.47	398.53	1.53	ppb
Copper	63-2	290.64	296.12	289.41	292.06	1.22	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				100		%
Indium	115-2				98		%
Iron	56-2	42216.28	43236.13	43021.34	42824.58	1.26	ppb
Iron	57-2	41693.67	42457.19	42330.91	42160.59	0.97	ppb
Iron	54-2	42971.38	43821.46	43113.89	43302.24	1.05	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:09:53	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.09	41.14	40.93	41.05	0.27	ppb
Lead	207-1	39.52	39.50	38.50	39.17	1.49	ppb
Lead	208-1	39.63	39.63	39.20	39.49	0.63	ppb
Lithium	6-1				104		%
Magnesium	24-2	11552.14	11402.01	11472.74	11475.63	0.65	ppb
Manganese	55-2	1223.22	1252.23	1242.90	1239.45	1.19	ppb
Molybdenum	94-1	5.79	5.78	5.88	5.81	0.93	ppb
Molybdenum	95-1	0.04	0.06	0.04	0.05	15.60	ppb
Molybdenum	96-1	0.96	0.89	0.97	0.94	5.02	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	63.37	ppb
Molybdenum	98-1	0.01	0.05	0.03	0.03	60.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	398.61	404.98	406.50	403.36	1.04	ppb
Phosphorus	31-2	1426.55	1395.90	1391.51	1404.65	1.36	ppb
Potassium	39-2	3293.19	3275.42	3300.94	3289.85	0.40	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	62.58	62.43	64.20	63.07	1.55	ppb
Selenium	77-2	74.10	72.70	69.48	72.09	3.29	ppb
Selenium	78-2	63.75	66.16	64.83	64.91	1.86	ppb
Silicon	28-1	1182.65	1201.93	1216.33	1200.31	1.41	ppb
Silver	107-1	38.20	38.36	38.34	38.30	0.23	ppb
Silver	109-1	38.62	38.64	38.92	38.73	0.44	ppb
Sodium	23-2	141.56	139.50	137.85	139.63	1.33	ppb
Strontium	86-1	865.41	870.88	880.67	872.32	0.89	ppb
Strontium	88-1	893.91	879.64	873.71	882.42	1.18	ppb
Sulfur	34-1	-1022.55	-1004.34	-1009.81	-1012.23		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	34.67	34.82	34.12	34.54	1.06	ppb
Thallium	205-1	34.81	34.48	34.27	34.52	0.78	ppb
Tin	118-1	0.16	0.17	0.14	0.16	8.84	ppb
Titanium	47-1	432.02	439.72	433.88	435.20	0.92	ppb

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:09:53	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.49	0.49	0.49	0.49	0.16	ppb
Vanadium	51-2	470.55	472.84	469.46	470.95	0.37	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	545.60	553.79	551.35	550.25	0.76	ppb
Zirconium	90-1	3.11	3.23	3.19	3.18	1.92	ppb
Zirconium	91-1	3.25	3.26	3.29	3.27	0.60	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:12:56	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23421.64	23327.41	23553.80	23434.28	0.49	ppb
Antimony	121-1	299.73	318.40	314.30	310.81	3.16	ppb
Arsenic	75-2	146.49	146.42	145.45	146.12	0.40	ppb
Barium	135-1	6097.13	6335.09	6259.17	6230.46	1.95	ppb
Barium	137-1	6037.13	6417.20	6293.13	6249.15	3.10	ppb
Beryllium	9-1	144.36	156.10	155.05	151.84	4.28	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	137.27	145.06	142.46	141.60	2.80	ppb
Cadmium	106-1	134.17	142.13	139.33	138.55	2.91	ppb
Cadmium	111-1	144.81	156.05	153.41	151.42	3.88	ppb
Calcium	43-1	7849.30	8447.02	8616.39	8304.24	4.85	ppb
Calcium	44-1	7555.77	8139.61	8227.09	7974.16	4.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	654.23	655.19	656.22	655.21	0.15	ppb
Cobalt	59-2	1556.73	1525.41	1551.88	1544.67	1.09	ppb
Copper	63-2	827.91	834.62	839.72	834.08	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				107		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	45119.18	45035.50	45002.95	45052.54	0.13	ppb
Iron	57-2	44375.06	44256.27	44643.54	44424.95	0.45	ppb
Iron	54-2	45148.23	45915.10	45799.59	45620.97	0.91	ppb
Krypton	83-1						cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:12:56	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.87	88.14	87.08	85.36	4.60	ppb
Lead	207-1	75.32	81.73	81.45	79.50	4.55	ppb
Lead	208-1	79.75	86.19	86.04	83.99	4.38	ppb
Lithium	6-1				104		%
Magnesium	24-2	11393.54	11433.62	11522.76	11449.97	0.58	ppb
Manganese	55-2	2344.37	2358.64	2366.90	2356.64	0.48	ppb
Molybdenum	94-1	5.34	5.74	5.86	5.65	4.87	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	1.91	ppb
Molybdenum	96-1	0.90	0.97	0.94	0.94	3.77	ppb
Molybdenum	97-1	0.01	0.04	0.03	0.03	53.20	ppb
Molybdenum	98-1	0.07	0.08	0.09	0.08	14.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1606.76	1596.82	1605.34	1602.98	0.34	ppb
Phosphorus	31-2	1371.66	1346.32	1404.67	1374.22	2.13	ppb
Potassium	39-2	3228.43	3223.56	3269.13	3240.37	0.77	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	306.09	332.00	329.73	322.61	4.45	ppb
Selenium	77-2	343.77	344.88	349.42	346.02	0.86	ppb
Selenium	78-2	341.73	352.27	344.40	346.13	1.58	ppb
Silicon	28-1	1161.62	1181.28	1175.95	1172.95	0.87	ppb
Silver	107-1	147.82	157.58	154.55	153.32	3.26	ppb
Silver	109-1	151.18	159.90	155.19	155.42	2.81	ppb
Sodium	23-2	140.65	140.03	141.14	140.60	0.39	ppb
Strontium	86-1	813.76	865.45	870.17	849.79	3.68	ppb
Strontium	88-1	801.06	865.63	869.00	845.23	4.53	ppb
Sulfur	34-1	-1248.77	-1108.83	-1060.77	-1139.46		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	143.86	155.20	153.17	150.74	4.01	ppb
Thallium	205-1	144.57	155.42	153.94	151.31	3.89	ppb
Tin	118-1	0.13	0.12	0.15	0.13	11.50	ppb
Titanium	47-1	394.76	425.97	432.38	417.70	4.82	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:12:56	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.47	0.46	0.46	3.49	ppb
Vanadium	51-2	1582.87	1575.53	1596.26	1584.88	0.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	1731.04	1756.44	1749.40	1745.63	0.75	ppb
Zirconium	90-1	2.89	3.14	3.13	3.06	4.62	ppb
Zirconium	91-1	2.96	3.18	3.28	3.14	5.13	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:21:49	DataFile Name :	125CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50910.04	50406.30	50319.48	50545.27	0.63	ppb
Antimony	121-1	481.68	500.72	493.45	491.95	1.95	ppb
Arsenic	75-2	500.22	491.93	496.87	496.34	0.84	ppb
Barium	135-1	2463.92	2503.87	2478.82	2482.21	0.81	ppb
Barium	137-1	2448.53	2489.64	2481.59	2473.25	0.88	ppb
Beryllium	9-1	471.78	475.15	481.43	476.12	1.03	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	478.16	488.49	490.25	485.63	1.34	ppb
Cadmium	106-1	484.38	492.78	496.98	491.38	1.31	ppb
Cadmium	111-1	470.30	486.88	488.10	481.76	2.06	ppb
Calcium	43-1	245475.95	253354.56	255813.68	251548.06	2.15	ppb
Calcium	44-1	243531.18	248638.76	252170.56	248113.50	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.01	493.80	502.74	498.52	0.90	ppb
Cobalt	59-2	482.58	483.35	476.19	480.71	0.82	ppb
Copper	63-2	4768.11	4696.40	4657.58	4707.36	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				102		%
Holmium	165-2				102		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	127873.40	126926.03	124886.50	126561.97	1.21	ppb
Iron	57-2	127455.27	126073.86	126946.95	126825.36	0.55	ppb
Iron	54-2	126394.71	126773.33	127441.46	126869.83	0.42	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:21:49	DataFile Name :	125CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2516.62	2567.91	2552.43	2545.66	1.03	ppb
Lead	207-1	2471.70	2562.76	2533.56	2522.67	1.84	ppb
Lead	208-1	2467.67	2550.55	2510.24	2509.49	1.65	ppb
Lithium	6-1				100		%
Magnesium	24-2	249800.37	251329.98	250288.61	250472.98	0.31	ppb
Manganese	55-2	4894.99	4873.70	4897.02	4888.57	0.26	ppb
Molybdenum	94-1	4877.46	5050.47	4940.75	4956.23	1.77	ppb
Molybdenum	95-1	4811.84	5060.24	4917.70	4929.93	2.53	ppb
Molybdenum	96-1	4876.00	5058.18	4932.88	4955.69	1.88	ppb
Molybdenum	97-1	4835.39	5037.16	4903.67	4925.41	2.08	ppb
Molybdenum	98-1	4780.07	4988.39	4869.45	4879.30	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.21	459.30	462.30	461.94	0.54	ppb
Phosphorus	31-2	9840.58	9769.69	9856.31	9822.19	0.47	ppb
Potassium	39-2	123001.66	122802.81	123372.29	123058.92	0.23	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	82-1	491.99	506.87	495.84	498.23	1.55	ppb
Selenium	77-2	517.76	490.13	515.63	507.84	3.03	ppb
Selenium	78-2	503.21	503.51	515.62	507.44	1.40	ppb
Silicon	28-1	444.36	456.44	481.06	460.62	4.06	ppb
Silver	107-1	482.77	493.30	494.62	490.23	1.32	ppb
Silver	109-1	475.45	483.81	480.65	479.97	0.88	ppb
Sodium	23-2	248014.29	247377.57	245552.68	246981.51	0.52	ppb
Strontium	86-1	12391.27	12642.65	12397.82	12477.25	1.15	ppb
Strontium	88-1	12002.89	12630.79	12386.57	12340.08	2.56	ppb
Sulfur	34-1	9497.35	9560.98	9814.77	9624.37	1.74	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	499.65	517.90	507.80	508.45	1.80	ppb
Thallium	205-1	504.97	515.94	507.78	509.57	1.12	ppb
Tin	118-1	489.47	502.51	499.54	497.18	1.37	ppb
Titanium	47-1	4800.38	4841.29	4919.43	4853.70	1.25	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:21:49	DataFile Name :	125CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	494.72	515.55	508.32	506.20	2.09	ppb
Vanadium	51-2	504.68	499.20	500.58	501.49	0.57	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	4695.05	4662.77	4607.44	4655.09	0.95	ppb
Zirconium	90-1	481.24	500.61	494.40	492.08	2.01	ppb
Zirconium	91-1	489.31	506.40	490.75	495.49	1.91	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:24:33	DataFile Name :	126CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.60	-1.07	-0.60		ppb
Antimony	121-1	0.26	0.21	0.16	0.21	23.51	ppb
Arsenic	75-2	0.02	-0.01	-0.02	0.00		ppb
Barium	135-1	0.57	0.31	0.19	0.36	54.67	ppb
Barium	137-1	0.57	0.30	0.16	0.34	60.52	ppb
Beryllium	9-1	0.16	0.12	0.07	0.12	38.24	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.10	-0.04	0.07	141.76	ppb
Cadmium	106-1	1.35	0.04	0.04	0.48	157.76	ppb
Cadmium	111-1	0.21	0.08	0.04	0.11	80.85	ppb
Calcium	43-1	65.04	35.05	17.29	39.13	61.67	ppb
Calcium	44-1	61.51	30.59	13.22	35.11	69.67	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	0.00		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.53	0.42	0.41	0.45	15.07	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				102		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	0.81	-0.82	-1.75	-0.59		ppb
Iron	57-2	-1.19	-2.11	-3.98	-2.43		ppb
Iron	54-2	0.40	-1.24	-1.92	-0.92		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:24:33	DataFile Name :	126CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.58	0.32	0.15	0.35	61.60	ppb
Lead	207-1	0.59	0.30	0.14	0.34	67.29	ppb
Lead	208-1	0.59	0.31	0.14	0.35	64.86	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.45	-2.97	-4.49	-2.64		ppb
Manganese	55-2	0.01	-0.05	-0.09	-0.04		ppb
Molybdenum	94-1	1.35	0.69	0.38	0.81	61.63	ppb
Molybdenum	95-1	1.30	0.69	0.34	0.78	62.25	ppb
Molybdenum	96-1	1.23	0.71	0.35	0.76	57.97	ppb
Molybdenum	97-1	1.33	0.66	0.35	0.78	63.86	ppb
Molybdenum	98-1	1.27	0.71	0.35	0.78	59.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.12	0.11	0.09	40.57	ppb
Phosphorus	31-2	-20.47	-18.11	-20.00	-19.53		ppb
Potassium	39-2	2.97	3.31	0.25	2.17	77.18	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	0.06	0.19	-0.26	0.00		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-2.20	-0.76	-1.25	-1.40		ppb
Silicon	28-1	-91.63	-92.45	-92.47	-92.18		ppb
Silver	107-1	0.16	0.11	0.06	0.11	44.39	ppb
Silver	109-1	0.18	0.10	0.06	0.11	56.54	ppb
Sodium	23-2	11.60	8.14	7.28	9.01	25.41	ppb
Strontium	86-1	3.43	1.72	0.98	2.04	61.59	ppb
Strontium	88-1	3.03	1.73	0.89	1.88	57.04	ppb
Sulfur	34-1	-132.32	-118.81	-88.65	-113.26		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.08	0.04	0.09	56.22	ppb
Thallium	205-1	0.13	0.09	0.05	0.09	42.91	ppb
Tin	118-1	0.18	0.11	0.07	0.12	48.62	ppb
Titanium	47-1	1.20	0.66	0.32	0.73	61.12	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:24:33	DataFile Name :	126CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.06	0.03	0.07	60.90	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.22	0.23	0.06	0.17	55.05	ppb
Zirconium	90-1	0.14	0.07	0.04	0.08	59.89	ppb
Zirconium	91-1	0.13	0.08	0.05	0.09	47.80	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-08	Instrumnet Name :	P7
Client Sample ID :	MYCZG6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:27:47	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21082.43	20760.92	20878.17	20907.17	0.78	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	4.11	ppb
Arsenic	75-2	32.43	31.90	32.17	32.17	0.83	ppb
Barium	135-1	252.45	255.97	257.89	255.43	1.08	ppb
Barium	137-1	263.93	264.17	270.60	266.23	1.42	ppb
Beryllium	9-1	1.05	1.11	1.16	1.11	4.88	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.74	0.36	0.53	35.52	ppb
Cadmium	106-1	1.24	1.23	2.06	1.51	31.46	ppb
Cadmium	111-1	0.62	0.61	0.65	0.62	3.45	ppb
Calcium	43-1	10750.68	10896.36	10917.84	10854.96	0.84	ppb
Calcium	44-1	10381.99	10511.53	10498.24	10463.92	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.57	53.16	53.58	53.44	0.44	ppb
Cobalt	59-2	26.48	26.15	26.27	26.30	0.64	ppb
Copper	63-2	56.94	56.56	57.05	56.85	0.46	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				106		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	39719.69	39573.99	39578.20	39623.96	0.21	ppb
Iron	57-2	39202.72	39026.72	39212.14	39147.19	0.27	ppb
Iron	54-2	40065.40	39461.39	39535.22	39687.34	0.83	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-08	Instrumnet Name :	P7
Client Sample ID :	MYCZG6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:27:47	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.59	37.39	37.03	37.00	1.08	ppb
Lead	207-1	36.04	36.75	36.25	36.35	1.00	ppb
Lead	208-1	35.78	36.34	36.08	36.07	0.78	ppb
Lithium	6-1				107		%
Magnesium	24-2	12089.25	11957.64	12027.19	12024.69	0.55	ppb
Manganese	55-2	1179.38	1187.44	1178.83	1181.88	0.41	ppb
Molybdenum	94-1	2.75	2.83	2.81	2.79	1.51	ppb
Molybdenum	95-1	0.20	0.21	0.21	0.21	4.24	ppb
Molybdenum	96-1	0.70	0.71	0.69	0.70	1.11	ppb
Molybdenum	97-1	0.16	0.20	0.20	0.18	10.87	ppb
Molybdenum	98-1	0.20	0.20	0.19	0.20	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.93	113.80	114.77	114.50	0.53	ppb
Phosphorus	31-2	2159.74	2154.60	2178.75	2164.36	0.59	ppb
Potassium	39-2	7002.43	7018.17	6946.55	6989.05	0.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	0.56	0.51	0.62	0.56	9.77	ppb
Selenium	77-2	12.47	11.73	11.82	12.01	3.38	ppb
Selenium	78-2	1.61	0.05	0.48	0.72	112.08	ppb
Silicon	28-1	1243.04	1257.19	1280.55	1260.26	1.50	ppb
Silver	107-1	0.13	0.13	0.12	0.12	0.86	ppb
Silver	109-1	0.11	0.09	0.11	0.10	7.21	ppb
Sodium	23-2	125.98	123.48	124.04	124.50	1.05	ppb
Strontium	86-1	1430.91	1468.53	1434.87	1444.77	1.43	ppb
Strontium	88-1	1474.39	1499.01	1494.47	1489.29	0.88	ppb
Sulfur	34-1	-82.05	-0.12	3.41	-26.26		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.22	0.24	0.21	0.23	7.90	ppb
Thallium	205-1	0.22	0.22	0.22	0.22	1.40	ppb
Tin	118-1	0.02	0.02	0.02	0.02	5.94	ppb
Titanium	47-1	379.27	384.73	387.81	383.94	1.13	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-08	Instrumnet Name :	P7
Client Sample ID :	MYCZG6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:27:47	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.18	1.16	1.16	1.43	ppb
Vanadium	51-2	59.28	59.04	58.90	59.07	0.32	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	191.62	188.99	190.18	190.26	0.69	ppb
Zirconium	90-1	1.40	1.45	1.42	1.42	1.92	ppb
Zirconium	91-1	1.42	1.46	1.46	1.45	1.66	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-09	Instrumnet Name :	P7
Client Sample ID :	MYCZG7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:30:56	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22817.49	22585.74	22774.59	22725.94	0.54	ppb
Antimony	121-1	0.09	0.10	0.09	0.09	6.71	ppb
Arsenic	75-2	28.98	28.23	27.55	28.25	2.54	ppb
Barium	135-1	350.17	349.53	355.08	351.59	0.86	ppb
Barium	137-1	364.49	364.33	366.60	365.14	0.35	ppb
Beryllium	9-1	1.17	1.15	1.16	1.16	0.84	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.75	1.53	1.69	1.66	6.83	ppb
Cadmium	106-1	3.45	3.68	3.23	3.45	6.52	ppb
Cadmium	111-1	0.84	0.88	0.86	0.86	2.81	ppb
Calcium	43-1	15804.22	15789.33	15906.50	15833.35	0.40	ppb
Calcium	44-1	15173.84	15191.57	15196.43	15187.28	0.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.48	63.46	62.77	62.90	0.80	ppb
Cobalt	59-2	26.19	26.10	26.28	26.19	0.35	ppb
Copper	63-2	55.12	55.45	55.51	55.36	0.38	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				107		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	41617.92	41732.16	41746.31	41698.80	0.17	ppb
Iron	57-2	40870.29	41435.13	41362.64	41222.68	0.75	ppb
Iron	54-2	40975.58	41883.44	41716.06	41525.02	1.16	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-09	Instrumnet Name :	P7
Client Sample ID :	MYCZG7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:30:56	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.74	42.70	42.83	42.42	1.40	ppb
Lead	207-1	41.38	41.52	41.99	41.63	0.77	ppb
Lead	208-1	41.11	41.33	41.77	41.41	0.81	ppb
Lithium	6-1				107		%
Magnesium	24-2	14411.39	14435.56	14492.88	14446.61	0.29	ppb
Manganese	55-2	1123.90	1141.85	1145.07	1136.94	1.00	ppb
Molybdenum	94-1	20.86	20.91	21.25	21.01	1.01	ppb
Molybdenum	95-1	0.26	0.27	0.28	0.27	4.84	ppb
Molybdenum	96-1	2.68	2.70	2.78	2.72	1.95	ppb
Molybdenum	97-1	0.29	0.29	0.26	0.28	6.36	ppb
Molybdenum	98-1	0.26	0.24	0.28	0.26	6.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.67	69.32	68.09	68.69	0.90	ppb
Phosphorus	31-2	3710.07	3773.13	3776.67	3753.29	1.00	ppb
Potassium	39-2	10601.10	10730.39	10624.83	10652.11	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.72	0.63	0.27	0.54	43.82	ppb
Selenium	77-2	14.07	11.11	12.63	12.60	11.74	ppb
Selenium	78-2	1.30	1.67	2.20	1.72	26.37	ppb
Silicon	28-1	1631.00	1542.46	1585.84	1586.44	2.79	ppb
Silver	107-1	0.14	0.14	0.15	0.14	2.63	ppb
Silver	109-1	0.10	0.11	0.10	0.10	2.19	ppb
Sodium	23-2	150.56	153.66	151.21	151.81	1.08	ppb
Strontium	86-1	2146.81	2153.72	2194.30	2164.95	1.19	ppb
Strontium	88-1	2226.66	2208.53	2235.63	2223.61	0.62	ppb
Sulfur	34-1	365.39	325.06	406.52	365.66	11.14	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.25	0.27	0.26	3.67	ppb
Thallium	205-1	0.26	0.26	0.26	0.26	1.46	ppb
Tin	118-1	0.12	0.12	0.12	0.12	1.96	ppb
Titanium	47-1	605.26	608.74	619.43	611.14	1.21	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-09	Instrumnet Name :	P7
Client Sample ID :	MYCZG7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:30:56	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.35	1.35	1.40	1.37	1.81	ppb
Vanadium	51-2	64.69	64.62	64.36	64.56	0.27	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	258.43	261.26	261.64	260.44	0.67	ppb
Zirconium	90-1	11.34	11.38	11.55	11.42	0.99	ppb
Zirconium	91-1	11.42	11.53	11.59	11.51	0.77	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-10	Instrumnet Name :	P7
Client Sample ID :	MYCZG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:34:02	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22371.89	22178.51	22292.33	22280.91	0.44	ppb
Antimony	121-1	0.03	0.04	0.04	0.03	12.84	ppb
Arsenic	75-2	30.14	30.30	30.45	30.29	0.52	ppb
Barium	135-1	297.43	300.93	302.81	300.39	0.91	ppb
Barium	137-1	311.60	314.95	318.89	315.15	1.16	ppb
Beryllium	9-1	1.09	1.09	1.16	1.11	3.31	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	1.13	1.21	1.19	4.46	ppb
Cadmium	106-1	1.88	2.35	1.84	2.02	13.88	ppb
Cadmium	111-1	0.80	0.85	0.88	0.85	4.58	ppb
Calcium	43-1	11181.61	11219.43	11014.19	11138.41	0.98	ppb
Calcium	44-1	10695.53	10674.43	10646.67	10672.21	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.80	61.49	61.74	61.68	0.27	ppb
Cobalt	59-2	27.92	27.54	27.95	27.80	0.81	ppb
Copper	63-2	56.07	55.35	55.97	55.79	0.70	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				101		%
Indium	115-2				100		%
Iron	56-2	40925.38	40610.81	40810.50	40782.23	0.39	ppb
Iron	57-2	40339.28	40021.41	40358.93	40239.87	0.47	ppb
Iron	54-2	41254.37	40561.45	40987.53	40934.45	0.85	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-10	Instrumnet Name :	P7
Client Sample ID :	MYCZG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:34:02	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.47	43.71	44.85	44.35	1.31	ppb
Lead	207-1	43.39	42.98	44.05	43.47	1.23	ppb
Lead	208-1	43.11	42.68	43.64	43.14	1.11	ppb
Lithium	6-1				105		%
Magnesium	24-2	13771.46	13458.78	13623.83	13618.02	1.15	ppb
Manganese	55-2	1092.49	1086.14	1103.50	1094.05	0.80	ppb
Molybdenum	94-1	9.05	9.11	9.22	9.13	0.93	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	9.75	ppb
Molybdenum	96-1	1.21	1.23	1.31	1.25	4.32	ppb
Molybdenum	97-1	0.03	0.05	0.08	0.05	48.16	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.05	8.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.29	70.79	71.76	71.28	0.68	ppb
Phosphorus	31-2	2972.77	2917.87	2867.53	2919.39	1.80	ppb
Potassium	39-2	8891.79	8837.31	8907.76	8878.95	0.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.41	0.30	0.44	0.39	19.44	ppb
Selenium	77-2	12.70	13.93	12.84	13.16	5.11	ppb
Selenium	78-2	2.35	1.22	2.46	2.01	34.19	ppb
Silicon	28-1	831.61	801.24	827.67	820.17	2.01	ppb
Silver	107-1	0.12	0.13	0.13	0.13	3.72	ppb
Silver	109-1	0.09	0.10	0.11	0.10	8.55	ppb
Sodium	23-2	141.39	137.42	139.85	139.55	1.43	ppb
Strontium	86-1	1631.36	1628.93	1659.23	1639.84	1.03	ppb
Strontium	88-1	1663.50	1676.69	1664.23	1668.14	0.44	ppb
Sulfur	34-1	-422.74	-463.34	-503.95	-463.34		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.21	0.21	0.23	0.22	3.88	ppb
Thallium	205-1	0.22	0.22	0.22	0.22	0.64	ppb
Tin	118-1	0.16	0.13	0.14	0.14	10.00	ppb
Titanium	47-1	439.84	440.33	440.13	440.10	0.06	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-10	Instrumnet Name :	P7
Client Sample ID :	MYCZG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:34:02	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.33	1.32	1.35	1.34	1.17	ppb
Vanadium	51-2	60.94	60.95	60.78	60.89	0.16	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	235.92	233.02	237.45	235.47	0.96	ppb
Zirconium	90-1	4.97	4.99	5.08	5.01	1.20	ppb
Zirconium	91-1	4.98	5.04	5.15	5.06	1.67	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-11	Instrumnet Name :	P7
Client Sample ID :	MYCZM9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:37:11	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13583.13	13763.66	13656.76	13667.85	0.66	ppb
Antimony	121-1	0.06	0.07	0.07	0.06	6.64	ppb
Arsenic	75-2	23.60	23.37	22.36	23.11	2.85	ppb
Barium	135-1	156.38	157.01	156.30	156.56	0.25	ppb
Barium	137-1	158.80	159.26	157.63	158.56	0.53	ppb
Beryllium	9-1	0.46	0.57	0.50	0.51	11.30	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.46	0.48	0.51	14.80	ppb
Cadmium	106-1	1.39	1.16	0.68	1.08	33.58	ppb
Cadmium	111-1	0.34	0.33	0.31	0.33	4.60	ppb
Calcium	43-1	11459.02	11352.84	11564.52	11458.79	0.92	ppb
Calcium	44-1	10952.19	11120.63	10983.62	11018.81	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.18	31.96	31.99	32.04	0.37	ppb
Cobalt	59-2	20.18	20.34	20.24	20.26	0.40	ppb
Copper	63-2	52.71	52.04	52.87	52.54	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				107		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	36643.68	36698.02	36835.27	36725.66	0.27	ppb
Iron	57-2	36089.90	35900.12	36302.50	36097.51	0.56	ppb
Iron	54-2	36412.53	36467.50	37146.41	36675.48	1.11	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-11	Instrumnet Name :	P7
Client Sample ID :	MYCZM9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:37:11	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.04	17.91	17.77	17.91	0.77	ppb
Lead	207-1	17.19	17.22	16.82	17.07	1.31	ppb
Lead	208-1	17.18	17.12	17.03	17.11	0.46	ppb
Lithium	6-1				105		%
Magnesium	24-2	8885.23	8954.65	8833.69	8891.19	0.68	ppb
Manganese	55-2	807.01	802.72	822.84	810.86	1.31	ppb
Molybdenum	94-1	5.36	5.50	5.46	5.44	1.29	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	12.23	ppb
Molybdenum	96-1	0.80	0.83	0.81	0.81	2.04	ppb
Molybdenum	97-1	0.00	0.01	0.04	0.02	108.08	ppb
Molybdenum	98-1	0.01	0.01	0.03	0.02	53.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.56	30.70	30.59	30.62	0.25	ppb
Phosphorus	31-2	1282.71	1287.79	1308.22	1292.91	1.04	ppb
Potassium	39-2	2481.76	2478.37	2525.71	2495.28	1.06	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.29	0.29	-0.14	0.15	166.00	ppb
Selenium	77-2	5.96	5.71	4.59	5.42	13.44	ppb
Selenium	78-2	0.76	0.62	0.65	0.68	10.50	ppb
Silicon	28-1	687.34	688.16	677.36	684.29	0.88	ppb
Silver	107-1	0.09	0.09	0.08	0.09	4.69	ppb
Silver	109-1	0.08	0.08	0.08	0.08	0.44	ppb
Sodium	23-2	192.23	191.27	191.67	191.73	0.25	ppb
Strontium	86-1	905.59	915.10	926.69	915.79	1.15	ppb
Strontium	88-1	922.36	944.60	963.90	943.62	2.20	ppb
Sulfur	34-1	-702.05	-665.75	-667.27	-678.36		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.09	0.09	0.09	4.63	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	4.81	ppb
Tin	118-1	0.05	0.06	0.05	0.05	10.58	ppb
Titanium	47-1	342.41	344.71	343.88	343.67	0.34	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-11	Instrumnet Name :	P7
Client Sample ID :	MYCZM9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:37:11	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.44	0.44	0.44	0.63	ppb
Vanadium	51-2	77.18	77.58	76.88	77.21	0.45	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	129.80	131.57	130.22	130.53	0.71	ppb
Zirconium	90-1	2.90	3.01	3.03	2.98	2.22	ppb
Zirconium	91-1	3.01	3.12	3.00	3.04	2.30	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-12	Instrumnet Name :	P7
Client Sample ID :	MYCZN0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:40:19	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15619.10	15812.82	15665.03	15698.98	0.64	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	18.16	ppb
Arsenic	75-2	36.19	36.92	36.71	36.61	1.02	ppb
Barium	135-1	191.48	192.11	189.63	191.08	0.67	ppb
Barium	137-1	191.59	192.61	190.73	191.64	0.49	ppb
Beryllium	9-1	0.66	0.59	0.67	0.64	6.19	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.81	0.78	0.61	0.73	14.90	ppb
Cadmium	106-1	1.71	0.57	-0.02	0.75	117.26	ppb
Cadmium	111-1	0.64	0.62	0.54	0.60	8.34	ppb
Calcium	43-1	11383.81	11866.26	11781.31	11677.13	2.21	ppb
Calcium	44-1	10873.93	11197.77	11329.66	11133.79	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.89	33.29	33.09	33.09	0.60	ppb
Cobalt	59-2	22.51	22.59	22.65	22.58	0.30	ppb
Copper	63-2	73.45	74.30	74.39	74.04	0.70	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				111		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	38442.40	38468.12	38542.48	38484.33	0.14	ppb
Iron	57-2	38100.57	38063.61	38250.99	38138.39	0.26	ppb
Iron	54-2	38547.25	38686.82	38521.30	38585.12	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-12	Instrumnet Name :	P7
Client Sample ID :	MYCZN0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:40:19	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.95	48.72	49.15	48.61	1.25	ppb
Lead	207-1	46.21	47.63	47.56	47.13	1.69	ppb
Lead	208-1	46.52	47.43	47.37	47.11	1.08	ppb
Lithium	6-1				105		%
Magnesium	24-2	9960.54	10045.30	9991.35	9999.06	0.43	ppb
Manganese	55-2	924.90	921.24	915.78	920.64	0.50	ppb
Molybdenum	94-1	0.70	0.75	0.72	0.72	3.61	ppb
Molybdenum	95-1	0.24	0.20	0.22	0.22	7.64	ppb
Molybdenum	96-1	0.51	0.53	0.53	0.52	2.24	ppb
Molybdenum	97-1	0.23	0.21	0.22	0.22	5.42	ppb
Molybdenum	98-1	0.22	0.22	0.23	0.22	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.59	38.93	38.38	38.63	0.72	ppb
Phosphorus	31-2	1575.58	1543.37	1516.51	1545.15	1.91	ppb
Potassium	39-2	2782.53	2833.35	2820.94	2812.27	0.94	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.48	0.54	0.24	0.42	37.54	ppb
Selenium	77-2	6.09	4.97	5.37	5.48	10.39	ppb
Selenium	78-2	0.63	0.88	0.33	0.61	45.19	ppb
Silicon	28-1	922.52	926.85	920.79	923.38	0.34	ppb
Silver	107-1	0.07	0.07	0.07	0.07	1.45	ppb
Silver	109-1	0.06	0.07	0.06	0.06	8.99	ppb
Sodium	23-2	854.67	851.49	855.03	853.73	0.23	ppb
Strontium	86-1	1301.77	1336.54	1353.60	1330.64	1.99	ppb
Strontium	88-1	1344.11	1386.16	1366.84	1365.70	1.54	ppb
Sulfur	34-1	-923.81	-803.07	-757.48	-828.12		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.09	0.07	0.08	8.71	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	4.10	ppb
Tin	118-1	0.01	0.01	0.00	0.00	165.71	ppb
Titanium	47-1	382.56	395.85	394.90	391.10	1.90	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-12	Instrumnet Name :	P7
Client Sample ID :	MYCZN0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:40:19	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.64	0.63	0.63	3.02	ppb
Vanadium	51-2	61.98	62.22	62.29	62.16	0.26	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	477.09	477.23	479.73	478.01	0.31	ppb
Zirconium	90-1	0.29	0.29	0.30	0.29	1.91	ppb
Zirconium	91-1	0.30	0.31	0.32	0.31	2.37	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-13	Instrumnet Name :	P7
Client Sample ID :	MYCZN1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:43:29	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19243.04	19417.17	19475.37	19378.53	0.62	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	13.39	ppb
Arsenic	75-2	43.83	45.26	44.15	44.42	1.69	ppb
Barium	135-1	237.73	252.46	248.31	246.17	3.08	ppb
Barium	137-1	242.77	261.36	258.92	254.35	3.97	ppb
Beryllium	9-1	0.70	0.75	0.72	0.72	3.69	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	0.63	0.69	0.67	5.10	ppb
Cadmium	106-1	1.56	1.54	1.30	1.47	10.10	ppb
Cadmium	111-1	0.51	0.58	0.52	0.53	6.58	ppb
Calcium	43-1	23822.90	25264.27	25020.74	24702.64	3.12	ppb
Calcium	44-1	23099.39	23951.60	23571.87	23540.96	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.62	39.66	39.98	39.75	0.50	ppb
Cobalt	59-2	24.92	24.85	24.93	24.90	0.17	ppb
Copper	63-2	74.02	74.19	74.43	74.21	0.28	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				109		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	41885.64	42216.11	42422.66	42174.80	0.64	ppb
Iron	57-2	41589.47	41789.65	41869.24	41749.45	0.35	ppb
Iron	54-2	42247.53	42572.48	42537.82	42452.61	0.42	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-13	Instrumnet Name :	P7
Client Sample ID :	MYCZN1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:43:29	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.94	29.77	29.37	29.36	1.40	ppb
Lead	207-1	28.15	29.31	28.80	28.75	2.02	ppb
Lead	208-1	28.10	29.17	28.69	28.65	1.87	ppb
Lithium	6-1				107		%
Magnesium	24-2	11839.67	11859.77	11905.60	11868.35	0.28	ppb
Manganese	55-2	1177.50	1185.32	1179.15	1180.66	0.35	ppb
Molybdenum	94-1	7.95	8.35	8.31	8.20	2.72	ppb
Molybdenum	95-1	0.15	0.15	0.18	0.16	10.53	ppb
Molybdenum	96-1	1.23	1.29	1.23	1.25	2.73	ppb
Molybdenum	97-1	0.11	0.16	0.18	0.15	24.14	ppb
Molybdenum	98-1	0.12	0.16	0.16	0.15	14.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.00	40.55	40.53	40.36	0.77	ppb
Phosphorus	31-2	1476.08	1495.65	1479.87	1483.87	0.70	ppb
Potassium	39-2	4125.89	4114.95	4134.67	4125.17	0.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.00	0.76	0.63	0.79	23.87	ppb
Selenium	77-2	7.54	6.43	7.00	6.99	7.94	ppb
Selenium	78-2	1.02	1.65	1.80	1.49	27.65	ppb
Silicon	28-1	768.92	884.48	816.81	823.40	7.05	ppb
Silver	107-1	0.11	0.11	0.12	0.11	4.47	ppb
Silver	109-1	0.09	0.11	0.09	0.10	7.56	ppb
Sodium	23-2	3287.05	3267.76	3289.35	3281.38	0.36	ppb
Strontium	86-1	1857.61	1967.58	1956.13	1927.11	3.14	ppb
Strontium	88-1	1907.79	2012.35	1989.49	1969.88	2.79	ppb
Sulfur	34-1	869.14	1227.25	1180.98	1092.46	17.83	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.14	0.15	0.14	0.15	4.75	ppb
Thallium	205-1	0.14	0.16	0.15	0.15	6.25	ppb
Tin	118-1	0.02	0.04	0.03	0.03	36.19	ppb
Titanium	47-1	344.36	365.99	361.24	357.20	3.18	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-13	Instrumnet Name :	P7
Client Sample ID :	MYCZN1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:43:29	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.75	0.73	0.73	2.11	ppb
Vanadium	51-2	76.52	76.75	76.62	76.63	0.15	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	165.07	163.23	166.29	164.87	0.93	ppb
Zirconium	90-1	4.26	4.49	4.47	4.41	2.96	ppb
Zirconium	91-1	4.36	4.51	4.51	4.46	1.87	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-14	Instrumnet Name :	P7
Client Sample ID :	MYCZN2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:46:35	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24855.65	24973.53	24682.26	24837.15	0.59	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	13.27	ppb
Arsenic	75-2	20.86	20.72	19.66	20.41	3.19	ppb
Barium	135-1	184.02	189.08	188.33	187.14	1.46	ppb
Barium	137-1	185.76	190.58	189.23	188.52	1.32	ppb
Beryllium	9-1	0.63	0.67	0.80	0.70	12.79	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	0.49	0.64	0.60	15.76	ppb
Cadmium	106-1	1.23	1.75	1.04	1.34	27.23	ppb
Cadmium	111-1	0.42	0.43	0.40	0.42	2.67	ppb
Calcium	43-1	9072.64	9047.05	9100.67	9073.45	0.30	ppb
Calcium	44-1	8573.86	8628.52	8743.62	8648.67	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.42	58.68	58.08	58.39	0.52	ppb
Cobalt	59-2	34.85	35.11	34.57	34.84	0.78	ppb
Copper	63-2	79.91	79.88	79.61	79.80	0.21	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				108		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	57345.94	56640.06	56524.77	56836.92	0.78	ppb
Iron	57-2	56190.59	55962.42	55329.75	55827.58	0.80	ppb
Iron	54-2	56984.52	56995.52	56452.26	56810.77	0.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-14	Instrumnet Name :	P7
Client Sample ID :	MYCZN2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:46:35	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.68	16.94	16.84	16.82	0.77	ppb
Lead	207-1	15.40	15.81	15.65	15.62	1.32	ppb
Lead	208-1	15.71	16.04	15.84	15.86	1.06	ppb
Lithium	6-1				106		%
Magnesium	24-2	15793.54	15739.20	15433.53	15655.42	1.24	ppb
Manganese	55-2	1054.47	1066.44	1061.68	1060.86	0.57	ppb
Molybdenum	94-1	4.50	4.65	4.56	4.57	1.67	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	2.96	ppb
Molybdenum	96-1	0.93	0.90	0.94	0.92	2.26	ppb
Molybdenum	97-1	0.07	0.09	0.07	0.08	19.91	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	12.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.94	45.74	45.46	45.71	0.52	ppb
Phosphorus	31-2	1866.02	1846.87	1844.14	1852.34	0.64	ppb
Potassium	39-2	8416.36	8434.29	8259.94	8370.20	1.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.43	0.67	0.51	0.54	22.88	ppb
Selenium	77-2	7.90	7.00	6.70	7.20	8.65	ppb
Selenium	78-2	1.20	0.75	1.36	1.11	28.72	ppb
Silicon	28-1	710.93	663.48	717.95	697.45	4.25	ppb
Silver	107-1	0.05	0.05	0.05	0.05	6.27	ppb
Silver	109-1	0.03	0.04	0.04	0.04	14.15	ppb
Sodium	23-2	206.79	204.89	203.91	205.19	0.71	ppb
Strontium	86-1	875.21	876.04	879.14	876.80	0.24	ppb
Strontium	88-1	903.73	903.61	930.64	912.66	1.71	ppb
Sulfur	34-1	-869.76	-880.27	-839.36	-863.13		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.16	0.17	0.16	0.16	1.36	ppb
Thallium	205-1	0.17	0.16	0.16	0.16	1.53	ppb
Tin	118-1	0.04	0.06	0.03	0.04	30.56	ppb
Titanium	47-1	424.59	424.27	427.72	425.52	0.45	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-14	Instrumnet Name :	P7
Client Sample ID :	MYCZN2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:46:35	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.66	0.65	0.65	1.61	ppb
Vanadium	51-2	99.49	99.76	98.42	99.22	0.71	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	136.20	135.79	135.13	135.71	0.40	ppb
Zirconium	90-1	2.48	2.57	2.49	2.51	1.96	ppb
Zirconium	91-1	2.47	2.47	2.52	2.48	1.08	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-15	Instrumnet Name :	P7
Client Sample ID :	MYCZN3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:49:45	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10541.42	10533.16	10499.35	10524.65	0.21	ppb
Antimony	121-1	0.13	0.13	0.14	0.13	2.38	ppb
Arsenic	75-2	16.20	16.84	15.79	16.28	3.24	ppb
Barium	135-1	101.11	103.11	103.45	102.56	1.23	ppb
Barium	137-1	102.09	104.89	104.75	103.91	1.52	ppb
Beryllium	9-1	0.37	0.37	0.33	0.35	5.52	ppb
Bismuth	209-1				111		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.56	0.53	0.56	0.55	3.29	ppb
Cadmium	106-1	0.97	0.96	1.19	1.04	12.23	ppb
Cadmium	111-1	0.32	0.31	0.32	0.32	1.10	ppb
Calcium	43-1	7312.75	7581.39	7559.62	7484.59	1.99	ppb
Calcium	44-1	6978.60	7217.80	7195.46	7130.62	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.89	25.01	25.09	25.00	0.39	ppb
Cobalt	59-2	15.64	15.47	15.38	15.50	0.86	ppb
Copper	63-2	40.13	40.15	40.25	40.18	0.15	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				107		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	30258.88	30166.70	30234.59	30220.06	0.16	ppb
Iron	57-2	30091.26	30030.62	29839.11	29987.00	0.44	ppb
Iron	54-2	30167.70	30458.65	30271.52	30299.29	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-15	Instrumnet Name :	P7
Client Sample ID :	MYCZN3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:49:45	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.38	16.04	15.99	15.80	2.33	ppb
Lead	207-1	14.47	15.06	15.34	14.96	2.95	ppb
Lead	208-1	14.65	15.37	15.38	15.13	2.76	ppb
Lithium	6-1				104		%
Magnesium	24-2	6713.03	6736.92	6789.88	6746.61	0.58	ppb
Manganese	55-2	659.06	646.97	653.59	653.21	0.93	ppb
Molybdenum	94-1	7.44	7.60	7.49	7.51	1.07	ppb
Molybdenum	95-1	0.08	0.08	0.07	0.08	5.98	ppb
Molybdenum	96-1	1.05	1.07	1.05	1.06	1.52	ppb
Molybdenum	97-1	0.05	0.08	0.08	0.07	27.51	ppb
Molybdenum	98-1	0.09	0.10	0.10	0.09	6.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.00	22.56	23.08	22.88	1.21	ppb
Phosphorus	31-2	1045.91	1050.94	1053.64	1050.17	0.37	ppb
Potassium	39-2	1847.09	1841.38	1821.32	1836.60	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.20	0.16	-0.02	0.12	101.15	ppb
Selenium	77-2	4.40	5.32	6.22	5.32	17.08	ppb
Selenium	78-2	1.47	-0.16	-0.49	0.27	387.39	ppb
Silicon	28-1	1007.14	1036.23	1033.10	1025.49	1.56	ppb
Silver	107-1	0.25	0.28	0.28	0.27	6.63	ppb
Silver	109-1	0.25	0.25	0.26	0.25	0.87	ppb
Sodium	23-2	135.69	135.52	137.03	136.08	0.61	ppb
Strontium	86-1	592.53	608.52	606.29	602.45	1.44	ppb
Strontium	88-1	589.69	602.04	600.27	597.33	1.12	ppb
Sulfur	34-1	-983.55	-913.62	-908.17	-935.11		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.06	0.05	0.05	7.83	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	6.14	ppb
Tin	118-1	0.12	0.12	0.12	0.12	2.17	ppb
Titanium	47-1	337.34	347.45	349.96	344.91	1.94	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-15	Instrumnet Name :	P7
Client Sample ID :	MYCZN3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:49:45	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.32	0.34	0.34	0.34	3.09	ppb
Vanadium	51-2	66.66	67.71	66.83	67.07	0.84	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	131.95	133.35	134.20	133.17	0.85	ppb
Zirconium	90-1	4.11	4.16	4.09	4.12	0.87	ppb
Zirconium	91-1	4.17	4.24	4.23	4.22	0.93	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-16	Instrumnet Name :	P7
Client Sample ID :	MYCZN4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:52:53	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28368.90	28384.15	28683.93	28478.99	0.62	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	20.56	ppb
Arsenic	75-2	45.25	46.01	45.66	45.64	0.83	ppb
Barium	135-1	288.61	288.01	287.01	287.87	0.28	ppb
Barium	137-1	304.29	302.96	296.95	301.40	1.30	ppb
Beryllium	9-1	0.81	0.86	0.87	0.85	3.68	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	1.05	1.11	1.12	5.82	ppb
Cadmium	106-1	2.07	2.34	1.71	2.04	15.53	ppb
Cadmium	111-1	1.10	1.21	1.14	1.15	4.76	ppb
Calcium	43-1	25027.33	24895.30	24913.45	24945.36	0.29	ppb
Calcium	44-1	24022.09	24039.30	23851.74	23971.04	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.37	61.14	61.51	61.34	0.31	ppb
Cobalt	59-2	41.12	41.07	41.44	41.21	0.49	ppb
Copper	63-2	196.06	193.97	195.22	195.08	0.54	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				107		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	59916.23	59462.44	59706.84	59695.17	0.38	ppb
Iron	57-2	59603.32	58883.25	59171.49	59219.35	0.61	ppb
Iron	54-2	59627.73	59413.26	59785.32	59608.77	0.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-16	Instrumnet Name :	P7
Client Sample ID :	MYCZN4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:52:53	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.69	45.70	44.78	45.39	1.17	ppb
Lead	207-1	45.30	45.40	44.83	45.18	0.67	ppb
Lead	208-1	44.98	44.87	44.00	44.62	1.20	ppb
Lithium	6-1				106		%
Magnesium	24-2	18732.56	18664.25	18863.07	18753.29	0.54	ppb
Manganese	55-2	1945.50	1929.41	1974.96	1949.96	1.18	ppb
Molybdenum	94-1	2.04	2.10	1.97	2.04	3.06	ppb
Molybdenum	95-1	0.09	0.06	0.08	0.08	17.62	ppb
Molybdenum	96-1	0.69	0.67	0.66	0.67	2.19	ppb
Molybdenum	97-1	0.06	0.08	0.04	0.06	35.70	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.69	61.40	62.03	61.71	0.51	ppb
Phosphorus	31-2	1826.39	1789.86	1810.62	1808.96	1.01	ppb
Potassium	39-2	5251.57	5274.62	5310.93	5279.04	0.57	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.79	0.55	0.43	0.59	31.07	ppb
Selenium	77-2	9.74	12.28	7.19	9.73	26.16	ppb
Selenium	78-2	1.39	1.27	1.19	1.28	7.88	ppb
Silicon	28-1	957.76	963.98	1067.29	996.34	6.17	ppb
Silver	107-1	0.17	0.16	0.17	0.16	4.35	ppb
Silver	109-1	0.15	0.14	0.15	0.14	5.22	ppb
Sodium	23-2	137.77	136.79	137.00	137.18	0.37	ppb
Strontium	86-1	1596.37	1605.96	1616.35	1606.23	0.62	ppb
Strontium	88-1	1670.44	1662.20	1660.12	1664.26	0.33	ppb
Sulfur	34-1	-499.62	-450.30	-496.51	-482.15		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.16	0.16	0.16	0.16	1.86	ppb
Thallium	205-1	0.17	0.16	0.16	0.16	2.04	ppb
Tin	118-1	0.03	0.04	0.03	0.03	14.96	ppb
Titanium	47-1	181.88	180.26	179.52	180.56	0.67	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-16	Instrumnet Name :	P7
Client Sample ID :	MYCZN4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:52:53	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.69	0.68	0.68	1.20	ppb
Vanadium	51-2	121.22	121.12	122.62	121.65	0.69	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	237.70	237.05	239.29	238.01	0.48	ppb
Zirconium	90-1	1.05	1.16	1.07	1.10	5.49	ppb
Zirconium	91-1	1.07	1.10	1.07	1.08	1.44	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-17	Instrumnet Name :	P7
Client Sample ID :	MYCZN5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:56:00	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30402.43	30566.57	30524.39	30497.80	0.28	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	13.55	ppb
Arsenic	75-2	56.10	54.67	55.76	55.51	1.34	ppb
Barium	135-1	411.34	406.98	405.44	407.92	0.75	ppb
Barium	137-1	431.56	428.20	431.54	430.44	0.45	ppb
Beryllium	9-1	1.31	1.37	1.42	1.36	4.04	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.62	1.47	1.62	1.57	5.31	ppb
Cadmium	106-1	2.62	3.18	1.86	2.55	25.89	ppb
Cadmium	111-1	1.29	1.39	1.27	1.31	4.73	ppb
Calcium	43-1	33204.83	33142.69	32392.99	32913.50	1.37	ppb
Calcium	44-1	32642.21	32504.42	32067.16	32404.60	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.93	56.73	56.95	56.87	0.21	ppb
Cobalt	59-2	36.99	36.94	36.96	36.96	0.08	ppb
Copper	63-2	167.94	167.97	167.73	167.88	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				106		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	59315.41	59558.11	59543.30	59472.27	0.23	ppb
Iron	57-2	59078.14	59199.34	58266.34	58847.94	0.86	ppb
Iron	54-2	59498.68	59661.38	59656.51	59605.52	0.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-17	Instrumnet Name :	P7
Client Sample ID :	MYCZN5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:56:00	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.62	63.35	63.50	63.82	1.08	ppb
Lead	207-1	65.79	64.21	63.28	64.43	1.97	ppb
Lead	208-1	64.11	62.80	62.56	63.16	1.33	ppb
Lithium	6-1				105		%
Magnesium	24-2	17195.12	17155.71	17159.74	17170.19	0.13	ppb
Manganese	55-2	1725.47	1702.99	1724.12	1717.53	0.73	ppb
Molybdenum	94-1	7.40	7.29	7.39	7.36	0.86	ppb
Molybdenum	95-1	0.24	0.21	0.23	0.23	7.56	ppb
Molybdenum	96-1	1.33	1.31	1.31	1.32	0.85	ppb
Molybdenum	97-1	0.24	0.21	0.23	0.23	8.31	ppb
Molybdenum	98-1	0.22	0.20	0.22	0.21	6.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.51	59.55	59.49	59.52	0.05	ppb
Phosphorus	31-2	2369.87	2404.71	2377.34	2383.97	0.77	ppb
Potassium	39-2	6963.93	6941.07	6921.75	6942.25	0.30	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	1.40	1.50	1.47	1.46	3.53	ppb
Selenium	77-2	16.31	13.83	13.09	14.41	11.72	ppb
Selenium	78-2	2.10	1.98	1.82	1.97	7.05	ppb
Silicon	28-1	1950.08	1962.06	1943.27	1951.80	0.49	ppb
Silver	107-1	0.35	0.34	0.35	0.35	1.81	ppb
Silver	109-1	0.34	0.32	0.33	0.33	3.42	ppb
Sodium	23-2	231.94	232.53	234.11	232.86	0.48	ppb
Strontium	86-1	2534.56	2509.76	2500.43	2514.92	0.70	ppb
Strontium	88-1	2622.38	2559.94	2528.76	2570.36	1.85	ppb
Sulfur	34-1	-272.01	-225.32	-231.59	-242.98		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.29	0.27	0.27	0.27	4.43	ppb
Thallium	205-1	0.30	0.29	0.29	0.29	2.18	ppb
Tin	118-1	0.05	0.10	0.03	0.06	62.49	ppb
Titanium	47-1	336.40	337.29	335.15	336.28	0.32	ppb

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-17	Instrumnet Name :	P7
Client Sample ID :	MYCZN5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:56:00	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.06	1.04	1.06	1.04	ppb
Vanadium	51-2	97.43	97.12	98.13	97.56	0.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	331.11	329.00	329.69	329.93	0.33	ppb
Zirconium	90-1	3.90	3.88	4.19	3.99	4.44	ppb
Zirconium	91-1	4.05	3.88	3.92	3.95	2.16	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-18	Instrumnet Name :	P7
Client Sample ID :	MYCZN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:59:05	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18234.44	18380.27	18418.08	18344.26	0.53	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	7.91	ppb
Arsenic	75-2	26.42	26.53	26.79	26.58	0.71	ppb
Barium	135-1	185.80	185.57	186.58	185.98	0.28	ppb
Barium	137-1	187.75	186.95	186.82	187.17	0.27	ppb
Beryllium	9-1	0.54	0.63	0.66	0.61	9.85	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.95	1.01	0.90	0.95	5.39	ppb
Cadmium	106-1	1.46	1.92	1.24	1.54	22.44	ppb
Cadmium	111-1	0.69	0.69	0.63	0.67	4.89	ppb
Calcium	43-1	10482.02	10304.96	10351.50	10379.49	0.88	ppb
Calcium	44-1	10057.58	9827.27	9769.59	9884.82	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.21	38.52	39.01	38.92	0.92	ppb
Cobalt	59-2	26.54	26.42	26.24	26.40	0.56	ppb
Copper	63-2	122.77	122.25	122.68	122.57	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				106		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	44793.37	44045.50	44547.02	44461.96	0.86	ppb
Iron	57-2	43240.67	43777.65	43678.39	43565.57	0.66	ppb
Iron	54-2	44595.25	44281.91	44503.84	44460.33	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-18	Instrumnet Name :	P7
Client Sample ID :	MYCZN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:59:05	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.29	26.06	26.31	26.22	0.53	ppb
Lead	207-1	25.68	25.38	25.59	25.55	0.60	ppb
Lead	208-1	25.67	25.32	25.53	25.51	0.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	11654.85	11376.55	11371.91	11467.77	1.41	ppb
Manganese	55-2	973.22	961.13	972.86	969.07	0.71	ppb
Molybdenum	94-1	7.01	7.03	7.01	7.02	0.16	ppb
Molybdenum	95-1	0.07	0.08	0.06	0.07	12.94	ppb
Molybdenum	96-1	1.06	1.10	1.07	1.08	1.99	ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	45.64	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.05	14.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.19	38.26	37.92	38.13	0.48	ppb
Phosphorus	31-2	1476.10	1495.71	1471.84	1481.22	0.86	ppb
Potassium	39-2	3401.52	3449.67	3434.36	3428.51	0.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.74	0.29	0.25	0.43	63.27	ppb
Selenium	77-2	7.09	6.94	6.77	6.94	2.29	ppb
Selenium	78-2	1.38	0.51	-0.69	0.40	259.39	ppb
Silicon	28-1	792.51	765.11	768.05	775.22	1.94	ppb
Silver	107-1	0.09	0.09	0.09	0.09	3.27	ppb
Silver	109-1	0.08	0.08	0.08	0.08	3.98	ppb
Sodium	23-2	110.55	108.35	109.42	109.44	1.00	ppb
Strontium	86-1	993.26	1015.68	993.54	1000.83	1.29	ppb
Strontium	88-1	1026.52	1047.76	1008.38	1027.55	1.92	ppb
Sulfur	34-1	-817.76	-862.53	-880.29	-853.53		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.11	0.10	0.10	0.10	3.14	ppb
Thallium	205-1	0.10	0.11	0.11	0.11	2.71	ppb
Tin	118-1	0.07	0.05	0.08	0.07	24.37	ppb
Titanium	47-1	311.60	309.91	307.58	309.70	0.65	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-18	Instrumnet Name :	P7
Client Sample ID :	MYCZN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:59:05	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.56	0.56	0.55	0.56	0.55	ppb
Vanadium	51-2	87.07	86.62	86.68	86.79	0.28	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	234.54	235.09	235.02	234.88	0.13	ppb
Zirconium	90-1	3.82	3.82	3.79	3.81	0.44	ppb
Zirconium	91-1	3.88	3.91	3.81	3.87	1.34	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-19	Instrumnet Name :	P7
Client Sample ID :	MYCZN7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:02:15	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10317.14	10018.34	10120.43	10151.97	1.50	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	10.12	ppb
Arsenic	75-2	16.31	16.03	15.57	15.97	2.34	ppb
Barium	135-1	111.59	113.67	119.02	114.76	3.34	ppb
Barium	137-1	112.31	114.42	119.94	115.56	3.41	ppb
Beryllium	9-1	0.30	0.24	0.38	0.31	23.36	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.46	0.50	0.49	5.95	ppb
Cadmium	106-1	0.89	0.22	0.84	0.65	57.11	ppb
Cadmium	111-1	0.30	0.23	0.28	0.27	14.45	ppb
Calcium	43-1	7394.39	7544.32	7906.41	7615.04	3.46	ppb
Calcium	44-1	7035.72	7264.45	7558.90	7286.35	3.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.74	20.02	19.87	19.88	0.72	ppb
Cobalt	59-2	14.15	14.24	14.06	14.15	0.66	ppb
Copper	63-2	47.39	47.62	48.26	47.76	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				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	23296.93	23241.73	23564.94	23367.87	0.74	ppb
Iron	57-2	23266.42	23197.69	23518.33	23327.48	0.72	ppb
Iron	54-2	23270.14	23390.61	23331.20	23330.65	0.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-19	Instrumnet Name :	P7
Client Sample ID :	MYCZN7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:02:15	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.83	14.46	15.09	14.46	4.35	ppb
Lead	207-1	13.53	14.07	14.52	14.04	3.53	ppb
Lead	208-1	13.55	13.98	14.54	14.02	3.54	ppb
Lithium	6-1				107		%
Magnesium	24-2	6181.76	6146.28	6191.48	6173.17	0.39	ppb
Manganese	55-2	603.20	602.19	604.83	603.41	0.22	ppb
Molybdenum	94-1	5.83	5.84	6.16	5.95	3.19	ppb
Molybdenum	95-1	-0.02	0.02	0.01	0.00	1038.97	ppb
Molybdenum	96-1	0.77	0.72	0.82	0.77	6.74	ppb
Molybdenum	97-1	-0.02	-0.03	0.00	-0.02		ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	59.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.59	22.01	22.29	22.29	1.31	ppb
Phosphorus	31-2	883.16	875.72	895.96	884.95	1.16	ppb
Potassium	39-2	2234.32	2200.81	2213.07	2216.07	0.77	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	0.38	-0.04	0.10	0.15	141.16	ppb
Selenium	77-2	3.73	3.50	4.60	3.94	14.63	ppb
Selenium	78-2	0.10	0.14	-0.25	0.00		ppb
Silicon	28-1	791.47	813.03	861.74	822.08	4.38	ppb
Silver	107-1	0.07	0.07	0.08	0.07	5.98	ppb
Silver	109-1	0.07	0.06	0.07	0.07	4.97	ppb
Sodium	23-2	78.25	77.81	77.35	77.80	0.58	ppb
Strontium	86-1	630.78	635.99	682.98	649.91	4.42	ppb
Strontium	88-1	632.66	640.85	675.64	649.72	3.51	ppb
Sulfur	34-1	-1199.82	-1127.72	-1002.63	-1110.06		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.04	0.06	0.05	16.72	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	8.29	ppb
Tin	118-1	0.10	0.22	0.12	0.15	43.65	ppb
Titanium	47-1	280.28	287.10	297.75	288.38	3.05	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-19	Instrumnet Name :	P7
Client Sample ID :	MYCZN7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:02:15	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.28	0.29	0.28	3.03	ppb
Vanadium	51-2	45.70	44.82	45.77	45.43	1.16	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	86.49	86.15	87.09	86.57	0.55	ppb
Zirconium	90-1	3.14	3.22	3.39	3.25	3.92	ppb
Zirconium	91-1	3.21	3.24	3.43	3.29	3.68	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-03	Instrumnet Name :	P7
Client Sample ID :	MYCZG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:05:22	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22297.22	22492.99	22201.59	22330.60	0.67	ppb
Antimony	121-1	0.34	0.34	0.33	0.34	2.07	ppb
Arsenic	75-2	95.94	96.65	95.96	96.18	0.42	ppb
Barium	135-1	195.57	191.91	193.20	193.56	0.96	ppb
Barium	137-1	195.06	193.62	193.91	194.20	0.39	ppb
Beryllium	9-1	0.62	0.68	0.68	0.66	5.07	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.85	3.07	2.92	2.95	3.74	ppb
Cadmium	106-1	3.72	3.32	3.37	3.47	6.22	ppb
Cadmium	111-1	2.61	2.61	2.63	2.62	0.45	ppb
Calcium	43-1	11166.21	10945.79	10860.40	10990.80	1.44	ppb
Calcium	44-1	10716.13	10561.14	10437.66	10571.64	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.23	49.36	49.09	49.23	0.28	ppb
Cobalt	59-2	30.19	30.09	30.33	30.20	0.40	ppb
Copper	63-2	116.85	117.06	116.53	116.81	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				102		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	54857.08	55511.44	55082.74	55150.42	0.60	ppb
Iron	57-2	54355.58	54848.72	54482.59	54562.30	0.47	ppb
Iron	54-2	54957.99	55220.47	55061.33	55079.93	0.24	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-03	Instrumnet Name :	P7
Client Sample ID :	MYCZG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:05:22	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	170.34	169.39	168.49	169.41	0.55	ppb
Lead	207-1	167.30	166.44	165.74	166.50	0.47	ppb
Lead	208-1	172.01	169.40	167.92	169.78	1.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	13584.69	13656.61	13424.20	13555.17	0.88	ppb
Manganese	55-2	1233.25	1245.65	1238.04	1238.98	0.50	ppb
Molybdenum	94-1	12.40	11.77	12.23	12.13	2.67	ppb
Molybdenum	95-1	0.71	0.67	0.64	0.67	5.61	ppb
Molybdenum	96-1	2.21	2.17	2.16	2.18	1.06	ppb
Molybdenum	97-1	0.69	0.61	0.63	0.64	6.22	ppb
Molybdenum	98-1	0.66	0.65	0.65	0.65	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.83	41.12	40.73	40.89	0.50	ppb
Phosphorus	31-2	2500.42	2534.16	2546.22	2526.93	0.94	ppb
Potassium	39-2	7375.43	7308.84	7325.66	7336.64	0.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	1.08	1.14	0.72	0.98	23.33	ppb
Selenium	77-2	9.32	11.31	10.72	10.45	9.76	ppb
Selenium	78-2	0.82	0.88	1.54	1.08	37.02	ppb
Silicon	28-1	1728.67	2085.58	1468.64	1760.96	17.59	ppb
Silver	107-1	0.76	0.75	0.75	0.75	0.63	ppb
Silver	109-1	0.77	0.74	0.77	0.76	2.08	ppb
Sodium	23-2	145.82	146.48	144.43	145.58	0.72	ppb
Strontium	86-1	1145.15	1109.25	1123.27	1125.89	1.61	ppb
Strontium	88-1	1150.03	1126.43	1156.27	1144.25	1.38	ppb
Sulfur	34-1	186.64	140.22	47.63	124.83	56.70	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.16	0.15	0.14	0.15	5.38	ppb
Thallium	205-1	0.16	0.16	0.15	0.16	3.01	ppb
Tin	118-1	0.24	0.22	0.19	0.22	10.15	ppb
Titanium	47-1	580.95	575.76	573.02	576.58	0.70	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-03	Instrumnet Name :	P7
Client Sample ID :	MYCZG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:05:22	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.69	0.68	0.69	1.16	ppb
Vanadium	51-2	84.07	84.07	83.66	83.94	0.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	556.55	562.45	558.22	559.08	0.54	ppb
Zirconium	90-1	6.45	6.14	6.30	6.30	2.46	ppb
Zirconium	91-1	6.50	6.32	6.34	6.38	1.59	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-04	Instrumnet Name :	P7
Client Sample ID :	MYCZG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:08:30	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20457.68	20700.54	20455.07	20537.76	0.69	ppb
Antimony	121-1	0.28	0.31	0.29	0.29	4.90	ppb
Arsenic	75-2	80.24	79.27	81.02	80.18	1.09	ppb
Barium	135-1	393.95	382.85	383.78	386.86	1.59	ppb
Barium	137-1	411.38	408.02	397.79	405.73	1.75	ppb
Beryllium	9-1	0.72	0.65	0.65	0.67	6.35	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.86	3.55	3.72	3.71	4.21	ppb
Cadmium	106-1	4.02	3.75	4.19	3.99	5.49	ppb
Cadmium	111-1	3.42	3.39	3.57	3.46	2.75	ppb
Calcium	43-1	11300.85	11244.90	11198.56	11248.10	0.46	ppb
Calcium	44-1	10864.51	10755.70	10812.41	10810.87	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.44	38.34	38.31	38.36	0.18	ppb
Cobalt	59-2	27.20	27.09	27.13	27.14	0.22	ppb
Copper	63-2	113.31	113.29	113.24	113.28	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				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	59122.82	60322.28	60325.40	59923.50	1.16	ppb
Iron	57-2	58611.11	59087.96	59363.76	59020.94	0.65	ppb
Iron	54-2	59761.22	59534.97	59449.44	59581.88	0.27	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-04	Instrumnet Name :	P7
Client Sample ID :	MYCZG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:08:30	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	327.60	319.97	324.60	324.06	1.19	ppb
Lead	207-1	325.22	322.22	323.96	323.80	0.47	ppb
Lead	208-1	320.60	319.02	318.03	319.22	0.41	ppb
Lithium	6-1				102		%
Magnesium	24-2	11826.19	11719.08	11665.30	11736.86	0.70	ppb
Manganese	55-2	1379.69	1380.58	1400.37	1386.88	0.84	ppb
Molybdenum	94-1	5.72	5.68	5.53	5.64	1.73	ppb
Molybdenum	95-1	0.74	0.72	0.74	0.73	1.96	ppb
Molybdenum	96-1	1.68	1.60	1.57	1.62	3.57	ppb
Molybdenum	97-1	0.75	0.72	0.72	0.73	2.50	ppb
Molybdenum	98-1	0.74	0.72	0.73	0.73	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.98	33.38	33.47	33.28	0.78	ppb
Phosphorus	31-2	2705.87	2657.97	2686.50	2683.45	0.90	ppb
Potassium	39-2	6282.82	6322.27	6319.49	6308.19	0.35	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	0.98	0.93	0.86	0.92	6.12	ppb
Selenium	77-2	9.39	9.01	10.17	9.52	6.18	ppb
Selenium	78-2	0.52	1.53	1.36	1.14	47.48	ppb
Silicon	28-1	978.77	963.41	961.89	968.03	0.96	ppb
Silver	107-1	1.11	1.12	1.09	1.11	1.16	ppb
Silver	109-1	1.11	1.10	1.10	1.11	0.39	ppb
Sodium	23-2	160.50	159.45	161.40	160.45	0.61	ppb
Strontium	86-1	1002.58	984.45	973.86	986.96	1.47	ppb
Strontium	88-1	1021.40	1009.48	1028.96	1019.95	0.96	ppb
Sulfur	34-1	28.12	13.57	9.26	16.98	58.20	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.14	0.13	0.13	4.28	ppb
Thallium	205-1	0.14	0.14	0.14	0.14	1.93	ppb
Tin	118-1	1.48	1.44	1.44	1.46	1.66	ppb
Titanium	47-1	530.82	525.63	521.70	526.05	0.87	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-04	Instrumnet Name :	P7
Client Sample ID :	MYCZG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:08:30	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.62	0.62	0.62	0.28	ppb
Vanadium	51-2	73.34	73.41	73.71	73.49	0.27	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	889.75	892.97	897.07	893.26	0.41	ppb
Zirconium	90-1	2.79	2.78	2.76	2.77	0.57	ppb
Zirconium	91-1	2.85	2.78	2.80	2.81	1.22	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-05	Instrumnet Name :	P7
Client Sample ID :	MYCZG3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:11:32	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22165.29	21957.56	21749.70	21957.52	0.95	ppb
Antimony	121-1	0.22	0.22	0.21	0.21	3.48	ppb
Arsenic	75-2	93.33	92.85	92.68	92.95	0.36	ppb
Barium	135-1	233.72	232.55	234.20	233.49	0.36	ppb
Barium	137-1	232.00	238.24	236.03	235.42	1.34	ppb
Beryllium	9-1	0.72	0.71	0.76	0.73	3.52	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.55	3.43	3.18	3.39	5.63	ppb
Cadmium	106-1	3.76	4.17	3.20	3.71	13.15	ppb
Cadmium	111-1	2.94	3.08	3.00	3.01	2.30	ppb
Calcium	43-1	10050.47	10349.67	10427.55	10275.90	1.94	ppb
Calcium	44-1	9618.84	9995.17	9880.27	9831.43	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.78	41.84	41.71	41.78	0.15	ppb
Cobalt	59-2	26.51	26.63	26.54	26.56	0.23	ppb
Copper	63-2	94.52	94.27	93.72	94.17	0.44	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				106		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	57111.59	56626.34	56684.68	56807.54	0.47	ppb
Iron	57-2	56442.49	55732.12	56701.45	56292.02	0.89	ppb
Iron	54-2	56969.41	56621.48	56721.62	56770.84	0.32	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-05	Instrumnet Name :	P7
Client Sample ID :	MYCZG3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:11:32	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	226.68	230.75	230.23	229.22	0.97	ppb
Lead	207-1	235.25	239.14	238.48	237.62	0.88	ppb
Lead	208-1	227.98	232.99	231.46	230.81	1.11	ppb
Lithium	6-1				102		%
Magnesium	24-2	12003.97	11999.99	11974.83	11992.93	0.13	ppb
Manganese	55-2	1317.33	1326.53	1316.99	1320.28	0.41	ppb
Molybdenum	94-1	8.96	9.00	9.01	8.99	0.30	ppb
Molybdenum	95-1	0.68	0.68	0.67	0.68	0.08	ppb
Molybdenum	96-1	1.85	1.90	1.88	1.88	1.39	ppb
Molybdenum	97-1	0.64	0.66	0.61	0.64	3.87	ppb
Molybdenum	98-1	0.62	0.64	0.68	0.65	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.57	33.55	33.68	33.60	0.20	ppb
Phosphorus	31-2	2741.00	2798.12	2779.26	2772.79	1.05	ppb
Potassium	39-2	7353.44	7376.18	7337.24	7355.62	0.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	1.23	1.63	1.19	1.35	17.85	ppb
Selenium	77-2	8.72	7.95	8.97	8.55	6.27	ppb
Selenium	78-2	1.71	1.10	2.07	1.63	30.25	ppb
Silicon	28-1	1209.19	1250.01	1250.69	1236.63	1.92	ppb
Silver	107-1	0.69	0.70	0.71	0.70	1.23	ppb
Silver	109-1	0.68	0.69	0.70	0.69	1.37	ppb
Sodium	23-2	139.68	140.67	140.17	140.17	0.35	ppb
Strontium	86-1	1001.58	1020.36	1034.02	1018.66	1.60	ppb
Strontium	88-1	1024.42	1063.46	1050.37	1046.08	1.90	ppb
Sulfur	34-1	-98.81	-48.24	-48.57	-65.21		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.18	0.16	0.17	0.17	4.63	ppb
Thallium	205-1	0.17	0.18	0.17	0.18	4.52	ppb
Tin	118-1	0.30	0.31	0.31	0.31	2.54	ppb
Titanium	47-1	599.53	618.62	616.37	611.51	1.71	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-05	Instrumnet Name :	P7
Client Sample ID :	MYCZG3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:11:32	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.71	0.69	0.69	3.81	ppb
Vanadium	51-2	79.30	78.90	79.48	79.23	0.38	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	767.29	766.40	770.63	768.11	0.29	ppb
Zirconium	90-1	4.51	4.64	4.65	4.60	1.73	ppb
Zirconium	91-1	4.66	4.71	4.74	4.70	0.87	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-06	Instrumnet Name :	P7
Client Sample ID :	MYCZG4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:14:39	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24310.29	24730.87	24321.09	24454.09	0.98	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	8.76	ppb
Arsenic	75-2	50.50	50.76	49.97	50.41	0.80	ppb
Barium	135-1	243.39	253.51	254.38	250.43	2.44	ppb
Barium	137-1	252.32	261.76	265.98	260.02	2.69	ppb
Beryllium	9-1	0.83	0.89	0.99	0.90	8.95	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	1.40	1.24	1.28	8.87	ppb
Cadmium	106-1	1.15	1.81	1.56	1.51	21.88	ppb
Cadmium	111-1	1.17	1.31	1.35	1.28	7.18	ppb
Calcium	43-1	15190.15	15894.24	15990.46	15691.62	2.78	ppb
Calcium	44-1	14451.73	15170.87	15223.30	14948.63	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.53	42.71	43.33	43.19	0.99	ppb
Cobalt	59-2	30.12	30.42	30.33	30.29	0.52	ppb
Copper	63-2	84.69	84.42	84.96	84.69	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				109		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	55011.30	54627.36	55415.01	55017.89	0.72	ppb
Iron	57-2	54755.28	53937.93	54275.32	54322.85	0.76	ppb
Iron	54-2	54951.51	54869.36	54956.70	54925.86	0.09	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-06	Instrumnet Name :	P7
Client Sample ID :	MYCZG4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:14:39	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	54.70	57.95	58.50	57.05	3.60	ppb
Lead	207-1	54.47	57.39	58.33	56.73	3.54	ppb
Lead	208-1	53.71	56.72	57.44	55.95	3.54	ppb
Lithium	6-1				104		%
Magnesium	24-2	14189.14	14126.37	14122.79	14146.10	0.26	ppb
Manganese	55-2	1479.90	1466.36	1478.73	1475.00	0.51	ppb
Molybdenum	94-1	1.17	1.81	1.19	1.39	26.29	ppb
Molybdenum	95-1	0.24	0.25	0.29	0.26	10.51	ppb
Molybdenum	96-1	0.65	0.70	0.70	0.69	4.15	ppb
Molybdenum	97-1	0.20	0.24	0.24	0.22	9.08	ppb
Molybdenum	98-1	0.21	0.25	0.25	0.24	10.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.28	40.79	40.62	40.57	0.64	ppb
Phosphorus	31-2	2506.91	2458.49	2516.29	2493.90	1.24	ppb
Potassium	39-2	8214.71	8245.75	8225.04	8228.50	0.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.40	0.82	0.45	0.56	41.49	ppb
Selenium	77-2	8.63	11.54	7.87	9.35	20.69	ppb
Selenium	78-2	1.18	1.40	1.79	1.46	21.37	ppb
Silicon	28-1	1165.40	1220.45	1207.65	1197.83	2.41	ppb
Silver	107-1	0.15	0.16	0.16	0.16	4.92	ppb
Silver	109-1	0.13	0.15	0.14	0.14	7.79	ppb
Sodium	23-2	144.36	143.53	166.81	151.57	8.71	ppb
Strontium	86-1	1294.93	1369.03	1376.50	1346.82	3.35	ppb
Strontium	88-1	1314.05	1411.28	1419.25	1381.52	4.24	ppb
Sulfur	34-1	-774.31	-629.14	-600.57	-668.01		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.15	0.15	0.14	8.51	ppb
Thallium	205-1	0.14	0.15	0.16	0.15	6.40	ppb
Tin	118-1	-0.02	0.01	0.01	0.00		ppb
Titanium	47-1	269.70	282.76	284.78	279.08	2.93	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-06	Instrumnet Name :	P7
Client Sample ID :	MYCZG4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:14:39	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.73	0.73	0.72	2.88	ppb
Vanadium	51-2	70.32	69.87	69.64	69.94	0.49	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	296.21	295.33	295.23	295.59	0.18	ppb
Zirconium	90-1	0.51	0.54	0.57	0.54	5.51	ppb
Zirconium	91-1	0.55	0.56	0.59	0.57	3.40	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-07	Instrumnet Name :	P7
Client Sample ID :	MYCZG5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:17:46	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24712.04	24823.38	25137.66	24891.02	0.89	ppb
Antimony	121-1	0.02	0.02	0.01	0.01	43.84	ppb
Arsenic	75-2	29.43	30.41	29.49	29.78	1.85	ppb
Barium	135-1	302.81	301.91	303.24	302.66	0.22	ppb
Barium	137-1	316.99	314.80	316.33	316.04	0.36	ppb
Beryllium	9-1	1.20	1.18	1.20	1.19	0.97	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.90	0.99	0.72	0.87	16.10	ppb
Cadmium	106-1	0.48	0.65	0.91	0.68	32.20	ppb
Cadmium	111-1	0.70	0.70	0.78	0.72	6.34	ppb
Calcium	43-1	12745.89	12575.75	12516.48	12612.71	0.94	ppb
Calcium	44-1	12181.32	12088.69	12109.91	12126.64	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.42	62.01	62.24	61.89	0.69	ppb
Cobalt	59-2	30.17	30.32	30.64	30.38	0.79	ppb
Copper	63-2	69.56	70.55	71.13	70.41	1.12	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				106		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	45842.20	45896.24	45597.44	45778.63	0.35	ppb
Iron	57-2	45246.37	45344.48	45894.67	45495.17	0.77	ppb
Iron	54-2	45823.69	45830.82	46043.80	45899.44	0.27	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-07	Instrumnet Name :	P7
Client Sample ID :	MYCZG5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:17:46	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.33	48.11	48.48	48.31	0.39	ppb
Lead	207-1	47.44	47.24	47.84	47.51	0.64	ppb
Lead	208-1	47.23	47.14	47.26	47.21	0.14	ppb
Lithium	6-1				103		%
Magnesium	24-2	14014.83	14105.57	14000.16	14040.19	0.41	ppb
Manganese	55-2	1451.94	1448.51	1457.17	1452.54	0.30	ppb
Molybdenum	94-1	1.57	1.55	1.52	1.55	1.61	ppb
Molybdenum	95-1	0.23	0.20	0.17	0.20	15.28	ppb
Molybdenum	96-1	0.58	0.61	0.60	0.60	2.31	ppb
Molybdenum	97-1	0.19	0.18	0.20	0.19	6.34	ppb
Molybdenum	98-1	0.18	0.19	0.18	0.18	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.23	63.87	64.36	64.15	0.39	ppb
Phosphorus	31-2	2233.35	2257.31	2274.71	2255.12	0.92	ppb
Potassium	39-2	8087.64	8039.32	8220.86	8115.94	1.16	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	0.92	0.84	0.73	0.83	11.54	ppb
Selenium	77-2	14.45	15.32	14.52	14.76	3.26	ppb
Selenium	78-2	1.53	3.06	1.73	2.11	39.34	ppb
Silicon	28-1	1056.42	1077.80	1013.43	1049.22	3.12	ppb
Silver	107-1	0.11	0.11	0.12	0.11	2.16	ppb
Silver	109-1	0.09	0.08	0.08	0.08	2.33	ppb
Sodium	23-2	146.79	149.14	149.41	148.45	0.97	ppb
Strontium	86-1	1706.83	1688.21	1674.49	1689.84	0.96	ppb
Strontium	88-1	1753.36	1741.34	1719.14	1737.95	1.00	ppb
Sulfur	34-1	-638.14	-627.09	-674.44	-646.56		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.21	0.21	0.20	0.21	2.32	ppb
Thallium	205-1	0.21	0.21	0.21	0.21	0.30	ppb
Tin	118-1	-0.02	-0.01	0.06	0.01	436.68	ppb
Titanium	47-1	332.44	335.40	329.75	332.53	0.85	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-07	Instrumnet Name :	P7
Client Sample ID :	MYCZG5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:17:46	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.23	1.27	1.24	1.81	ppb
Vanadium	51-2	59.71	60.19	60.47	60.12	0.64	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	239.59	238.49	242.87	240.32	0.95	ppb
Zirconium	90-1	0.76	0.75	0.75	0.75	0.70	ppb
Zirconium	91-1	0.83	0.77	0.77	0.79	4.56	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:20:54	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9342.38	9151.94	9162.66	9218.99	1.16	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	7.60	ppb
Arsenic	75-2	29.48	29.63	28.08	29.06	2.94	ppb
Barium	135-1	82.57	81.26	81.22	81.68	0.94	ppb
Barium	137-1	84.09	82.01	81.78	82.63	1.54	ppb
Beryllium	9-1	0.33	0.28	0.29	0.30	9.77	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	0.41	0.44	0.51	27.70	ppb
Cadmium	106-1	0.93	1.03	0.40	0.79	42.77	ppb
Cadmium	111-1	0.32	0.31	0.26	0.30	10.72	ppb
Calcium	43-1	3802.24	3704.52	3777.59	3761.45	1.35	ppb
Calcium	44-1	3656.21	3629.70	3626.91	3637.60	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.46	11.12	11.35	11.31	1.51	ppb
Cobalt	59-2	10.55	10.31	10.45	10.44	1.16	ppb
Copper	63-2	42.28	41.88	42.08	42.08	0.48	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				104		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	25327.67	24991.60	25203.37	25174.21	0.67	ppb
Iron	57-2	25286.04	24766.65	25140.18	25064.29	1.07	ppb
Iron	54-2	25277.21	25107.78	25026.74	25137.24	0.51	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:20:54	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.47	18.61	18.62	18.57	0.45	ppb
Lead	207-1	18.76	19.02	19.17	18.98	1.11	ppb
Lead	208-1	18.55	18.57	18.62	18.58	0.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	3990.55	3986.80	4017.93	3998.43	0.43	ppb
Manganese	55-2	476.23	470.67	468.50	471.80	0.85	ppb
Molybdenum	94-1	5.76	5.73	5.85	5.78	1.09	ppb
Molybdenum	95-1	0.03	0.04	0.01	0.03	47.15	ppb
Molybdenum	96-1	0.81	0.80	0.82	0.81	1.18	ppb
Molybdenum	97-1	0.01	0.04	0.00	0.02	108.92	ppb
Molybdenum	98-1	0.04	0.01	0.04	0.03	51.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.63	10.78	10.82	10.74	0.93	ppb
Phosphorus	31-2	728.16	757.08	735.06	740.10	2.04	ppb
Potassium	39-2	2393.57	2386.42	2410.10	2396.69	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	0.18	0.33	0.29	0.27	28.02	ppb
Selenium	77-2	5.14	3.46	4.30	4.30	19.48	ppb
Selenium	78-2	-0.25	0.30	0.57	0.21	203.21	ppb
Silicon	28-1	269.92	292.95	272.92	278.60	4.49	ppb
Silver	107-1	0.08	0.07	0.07	0.08	6.34	ppb
Silver	109-1	0.07	0.07	0.06	0.07	5.39	ppb
Sodium	23-2	24.22	23.38	23.53	23.71	1.90	ppb
Strontium	86-1	390.75	393.07	388.04	390.62	0.64	ppb
Strontium	88-1	389.54	391.97	391.36	390.96	0.32	ppb
Sulfur	34-1	-884.03	-938.82	-860.93	-894.59		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.04	0.04	0.04	6.42	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.57	ppb
Tin	118-1	0.39	0.37	0.38	0.38	1.86	ppb
Titanium	47-1	136.57	137.57	137.29	137.14	0.38	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:20:54	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.22	0.23	0.23	1.31	ppb
Vanadium	51-2	39.68	38.56	39.65	39.30	1.63	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	98.67	96.34	96.91	97.31	1.25	ppb
Zirconium	90-1	3.13	3.17	3.19	3.16	0.94	ppb
Zirconium	91-1	3.24	3.19	3.14	3.19	1.59	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:24:02	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9158.75	9099.96	9278.25	9178.99	0.99	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.18	ppb
Arsenic	75-2	28.83	28.29	28.38	28.50	1.02	ppb
Barium	135-1	81.30	80.61	81.34	81.08	0.51	ppb
Barium	137-1	81.35	81.05	82.22	81.54	0.74	ppb
Beryllium	9-1	0.35	0.30	0.35	0.33	7.82	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.48	0.60	0.44	41.17	ppb
Cadmium	106-1	1.46	0.73	-0.06	0.71	107.51	ppb
Cadmium	111-1	0.36	0.30	0.26	0.31	17.24	ppb
Calcium	43-1	3745.01	3701.75	3730.12	3725.62	0.59	ppb
Calcium	44-1	3601.78	3570.97	3593.26	3588.67	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.60	11.71	11.60	11.64	0.51	ppb
Cobalt	59-2	10.15	10.29	10.12	10.19	0.90	ppb
Copper	63-2	37.58	37.23	37.45	37.42	0.48	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				104		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	24920.75	24985.25	25119.16	25008.39	0.40	ppb
Iron	57-2	24696.16	24335.47	24698.77	24576.80	0.85	ppb
Iron	54-2	25059.62	24998.58	25333.74	25130.65	0.71	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:24:02	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.22	18.25	18.16	18.21	0.26	ppb
Lead	207-1	18.78	18.48	18.77	18.68	0.90	ppb
Lead	208-1	18.29	18.22	18.37	18.29	0.41	ppb
Lithium	6-1				102		%
Magnesium	24-2	4016.76	4047.28	4044.11	4036.05	0.42	ppb
Manganese	55-2	463.60	468.61	463.70	465.30	0.62	ppb
Molybdenum	94-1	5.74	5.64	5.76	5.71	1.18	ppb
Molybdenum	95-1	0.04	0.01	0.03	0.03	48.96	ppb
Molybdenum	96-1	0.76	0.79	0.78	0.78	2.03	ppb
Molybdenum	97-1	0.02	0.04	0.02	0.03	49.22	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	8.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.68	10.73	10.68	10.70	0.23	ppb
Phosphorus	31-2	734.20	766.86	734.85	745.30	2.51	ppb
Potassium	39-2	2403.07	2410.27	2384.74	2399.36	0.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.41	-0.15	0.17	0.14	194.10	ppb
Selenium	77-2	3.21	3.58	2.91	3.23	10.43	ppb
Selenium	78-2	0.54	-0.68	-0.66	-0.27		ppb
Silicon	28-1	271.62	266.59	275.48	271.23	1.64	ppb
Silver	107-1	0.07	0.07	0.07	0.07	2.76	ppb
Silver	109-1	0.07	0.07	0.06	0.07	3.07	ppb
Sodium	23-2	24.16	23.43	23.54	23.71	1.67	ppb
Strontium	86-1	388.41	381.56	385.90	385.29	0.90	ppb
Strontium	88-1	387.32	384.41	387.36	386.36	0.44	ppb
Sulfur	34-1	-785.65	-798.23	-809.32	-797.73		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.05	0.05	0.04	17.37	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	5.38	ppb
Tin	118-1	0.22	0.18	0.21	0.21	10.68	ppb
Titanium	47-1	136.75	135.63	137.02	136.47	0.54	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:24:02	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.22	0.23	0.23	1.71	ppb
Vanadium	51-2	39.19	39.29	39.12	39.20	0.22	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	97.18	97.37	98.32	97.62	0.63	ppb
Zirconium	90-1	3.11	3.11	3.13	3.12	0.37	ppb
Zirconium	91-1	3.22	3.20	3.09	3.17	2.23	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:27:12	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1868.85	1843.07	1854.35	1855.42	0.70	ppb
Antimony	121-1	-0.01	0.00	-0.01	-0.01		ppb
Arsenic	75-2	5.91	6.23	6.18	6.11	2.75	ppb
Barium	135-1	16.72	16.73	16.77	16.74	0.14	ppb
Barium	137-1	16.57	16.75	16.64	16.65	0.53	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	57.74	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.10	0.08	0.07	47.26	ppb
Cadmium	106-1	1.14	-0.61	-0.59	-0.02		ppb
Cadmium	111-1	0.13	0.00	0.00	0.04	172.54	ppb
Calcium	43-1	744.49	774.94	762.88	760.77	2.02	ppb
Calcium	44-1	767.79	769.35	755.80	764.31	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.33	2.36	2.35	2.35	0.67	ppb
Cobalt	59-2	2.12	2.10	2.21	2.14	2.71	ppb
Copper	63-2	8.88	8.87	9.03	8.93	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				103		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	5131.72	5089.93	5122.78	5114.81	0.43	ppb
Iron	57-2	5130.39	5139.48	5174.94	5148.27	0.46	ppb
Iron	54-2	5146.63	5213.16	5254.32	5204.70	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:27:12	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.74	3.61	3.70	3.68	1.91	ppb
Lead	207-1	3.72	3.71	3.75	3.73	0.62	ppb
Lead	208-1	3.66	3.61	3.72	3.66	1.45	ppb
Lithium	6-1				100		%
Magnesium	24-2	789.60	778.71	788.77	785.69	0.77	ppb
Manganese	55-2	94.23	93.73	94.83	94.26	0.58	ppb
Molybdenum	94-1	1.19	1.15	1.15	1.16	2.07	ppb
Molybdenum	95-1	-0.15	-0.16	-0.16	-0.16		ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	30.03	ppb
Molybdenum	97-1	-0.16	-0.15	-0.17	-0.16		ppb
Molybdenum	98-1	-0.15	-0.14	-0.15	-0.15		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.30	2.33	2.28	2.30	1.00	ppb
Phosphorus	31-2	134.18	134.24	133.22	133.88	0.43	ppb
Potassium	39-2	504.22	504.79	503.94	504.32	0.09	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	-0.27	-0.07	-0.33	-0.22		ppb
Selenium	77-2	0.05	1.04	0.77	0.62	82.78	ppb
Selenium	78-2	0.84	-0.55	-1.05	-0.25		ppb
Silicon	28-1	15.95	12.21	11.70	13.29	17.45	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	-3.53	-3.20	-2.61	-3.11		ppb
Strontium	86-1	81.11	81.64	78.42	80.39	2.15	ppb
Strontium	88-1	79.72	80.68	81.52	80.64	1.12	ppb
Sulfur	34-1	-920.47	-914.11	-946.27	-926.95		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.10	0.09	0.09	0.09	8.40	ppb
Titanium	47-1	28.32	28.38	28.24	28.31	0.26	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:27:12	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.03	0.04	8.14	ppb
Vanadium	51-2	8.01	7.92	8.12	8.02	1.31	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	20.25	19.75	20.15	20.05	1.32	ppb
Zirconium	90-1	0.70	0.70	0.71	0.70	0.74	ppb
Zirconium	91-1	0.75	0.74	0.71	0.73	2.36	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:30:26	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9390.28	9380.31	9472.67	9414.42	0.54	ppb
Antimony	121-1	20.15	19.69	20.10	19.98	1.25	ppb
Arsenic	75-2	37.42	36.99	36.47	36.96	1.29	ppb
Barium	135-1	525.62	515.29	521.34	520.75	1.00	ppb
Barium	137-1	522.05	515.88	513.75	517.23	0.83	ppb
Beryllium	9-1	10.73	10.82	10.89	10.81	0.74	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.58	10.02	10.34	9.98	3.82	ppb
Cadmium	106-1	11.34	9.90	9.01	10.08	11.70	ppb
Cadmium	111-1	10.54	10.20	10.30	10.35	1.69	ppb
Calcium	43-1	3596.50	3726.35	3653.02	3658.62	1.78	ppb
Calcium	44-1	3472.82	3584.53	3503.47	3520.27	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.75	53.56	53.33	53.55	0.40	ppb
Cobalt	59-2	115.50	115.72	114.73	115.32	0.45	ppb
Copper	63-2	90.99	90.56	89.77	90.44	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				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	24894.58	24795.20	24376.02	24688.60	1.11	ppb
Iron	57-2	24661.41	24421.84	24234.82	24439.36	0.87	ppb
Iron	54-2	24793.68	24636.71	24417.42	24615.94	0.77	ppb
Krypton	83-1						cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:30:26	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.01	21.93	21.92	21.95	0.23	ppb
Lead	207-1	21.94	22.13	22.01	22.03	0.42	ppb
Lead	208-1	21.63	21.68	21.65	21.66	0.12	ppb
Lithium	6-1				102		%
Magnesium	24-2	3996.33	3926.02	3898.55	3940.30	1.28	ppb
Manganese	55-2	570.25	568.27	553.24	563.92	1.65	ppb
Molybdenum	94-1	5.69	5.58	5.43	5.57	2.34	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	11.64	ppb
Molybdenum	96-1	0.77	0.77	0.76	0.77	0.72	ppb
Molybdenum	97-1	-0.01	0.01	0.01	0.01	184.26	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	13.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.50	116.87	116.67	117.35	0.85	ppb
Phosphorus	31-2	726.26	701.63	713.10	713.66	1.73	ppb
Potassium	39-2	2363.84	2361.06	2307.90	2344.27	1.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	17.78	17.37	17.58	17.58	1.17	ppb
Selenium	77-2	20.47	21.45	21.81	21.24	3.27	ppb
Selenium	78-2	18.86	17.39	19.31	18.52	5.43	ppb
Silicon	28-1	289.80	304.02	307.39	300.40	3.11	ppb
Silver	107-1	10.61	10.57	10.70	10.63	0.64	ppb
Silver	109-1	10.66	10.70	10.88	10.75	1.09	ppb
Sodium	23-2	22.74	21.44	22.38	22.18	3.02	ppb
Strontium	86-1	375.27	382.53	381.50	379.77	1.04	ppb
Strontium	88-1	377.49	377.48	372.95	375.97	0.70	ppb
Sulfur	34-1	-922.14	-859.98	-937.07	-906.40		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	9.18	9.25	9.19	9.21	0.42	ppb
Thallium	205-1	9.20	9.24	9.16	9.20	0.49	ppb
Tin	118-1	0.21	0.18	0.18	0.19	7.74	ppb
Titanium	47-1	133.98	136.98	135.12	135.36	1.12	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:30:26	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.22	0.22	0.23	0.96	ppb
Vanadium	51-2	143.27	141.08	140.75	141.70	0.97	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	204.10	201.94	199.21	201.75	1.21	ppb
Zirconium	90-1	3.02	3.07	3.04	3.04	0.81	ppb
Zirconium	91-1	3.06	3.10	2.96	3.04	2.35	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:33:35	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10378.08	10289.88	10333.29	10333.75	0.43	ppb
Antimony	121-1	81.61	81.49	81.69	81.60	0.12	ppb
Arsenic	75-2	59.56	59.89	59.48	59.64	0.37	ppb
Barium	135-1	1629.11	1612.47	1639.08	1626.89	0.83	ppb
Barium	137-1	1615.67	1615.98	1619.45	1617.03	0.13	ppb
Beryllium	9-1	37.18	37.76	38.08	37.67	1.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	38.15	38.30	38.85	38.43	0.96	ppb
Cadmium	106-1	37.20	37.02	37.17	37.13	0.27	ppb
Cadmium	111-1	40.83	40.60	40.43	40.62	0.50	ppb
Calcium	43-1	3652.45	3683.77	3698.95	3678.39	0.64	ppb
Calcium	44-1	3519.54	3499.92	3567.77	3529.07	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161.31	161.49	162.29	161.70	0.32	ppb
Cobalt	59-2	389.33	396.60	395.54	393.82	1.00	ppb
Copper	63-2	213.79	212.81	214.78	213.79	0.46	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				103		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	25048.61	25118.18	25235.57	25134.12	0.38	ppb
Iron	57-2	24976.10	25088.36	24846.59	24970.35	0.48	ppb
Iron	54-2	25409.16	25206.01	25201.90	25272.35	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:33:35	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.32	33.92	33.77	33.67	0.93	ppb
Lead	207-1	32.27	32.87	32.80	32.65	1.01	ppb
Lead	208-1	32.22	32.99	32.79	32.67	1.23	ppb
Lithium	6-1				99		%
Magnesium	24-2	3886.74	3832.43	3904.15	3874.44	0.97	ppb
Manganese	55-2	820.24	826.92	847.10	831.42	1.68	ppb
Molybdenum	94-1	5.64	5.66	5.61	5.64	0.45	ppb
Molybdenum	95-1	0.02	0.04	0.03	0.03	46.57	ppb
Molybdenum	96-1	0.78	0.75	0.78	0.77	1.91	ppb
Molybdenum	97-1	0.00	0.02	-0.01	0.00	448.38	ppb
Molybdenum	98-1	0.02	0.04	0.02	0.03	52.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	380.91	386.87	387.52	385.10	0.94	ppb
Phosphorus	31-2	724.27	716.80	725.98	722.35	0.68	ppb
Potassium	39-2	2386.96	2370.58	2328.80	2362.11	1.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	85.89	86.22	84.24	85.45	1.24	ppb
Selenium	77-2	96.76	89.86	87.60	91.41	5.22	ppb
Selenium	78-2	84.68	90.13	88.86	87.89	3.24	ppb
Silicon	28-1	306.35	304.16	321.87	310.79	3.11	ppb
Silver	107-1	32.06	31.89	31.86	31.94	0.33	ppb
Silver	109-1	32.34	32.25	32.50	32.36	0.39	ppb
Sodium	23-2	22.53	20.89	21.82	21.75	3.79	ppb
Strontium	86-1	381.44	391.27	376.24	382.98	1.99	ppb
Strontium	88-1	379.87	380.92	379.41	380.07	0.20	ppb
Sulfur	34-1	-955.10	-969.34	-901.52	-941.99		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	36.46	38.10	37.62	37.39	2.24	ppb
Thallium	205-1	36.64	37.31	37.51	37.15	1.23	ppb
Tin	118-1	0.20	0.19	0.22	0.20	8.26	ppb
Titanium	47-1	134.62	137.15	138.91	136.89	1.57	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:33:35	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.23	0.23	0.23	2.16	ppb
Vanadium	51-2	413.91	419.63	418.68	417.41	0.73	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	461.10	465.43	462.58	463.04	0.48	ppb
Zirconium	90-1	3.08	3.11	3.07	3.09	0.74	ppb
Zirconium	91-1	3.13	3.21	3.08	3.14	2.04	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:36:36	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20558.40	20669.16	20256.94	20494.83	1.04	ppb
Antimony	121-1	0.34	0.34	0.34	0.34	0.59	ppb
Arsenic	75-2	42.92	42.89	42.63	42.81	0.37	ppb
Barium	135-1	38.07	38.71	38.37	38.38	0.84	ppb
Barium	137-1	38.67	38.83	38.36	38.62	0.61	ppb
Beryllium	9-1	0.15	0.17	0.18	0.17	8.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.17	1.18	1.16	2.10	ppb
Cadmium	106-1	0.94	0.76	0.62	0.77	20.66	ppb
Cadmium	111-1	0.94	0.94	0.92	0.93	1.17	ppb
Calcium	43-1	3722.62	3755.51	3742.98	3740.37	0.44	ppb
Calcium	44-1	3481.08	3601.88	3586.37	3556.44	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.36	86.01	85.08	85.48	0.55	ppb
Cobalt	59-2	30.82	30.90	30.47	30.73	0.74	ppb
Copper	63-2	207.09	206.90	207.23	207.07	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				104		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	47710.40	47077.53	46636.72	47141.55	1.14	ppb
Iron	57-2	46698.12	46521.22	46573.26	46597.53	0.20	ppb
Iron	54-2	47382.39	46989.32	46874.93	47082.21	0.57	ppb
Krypton	83-1						cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:36:36	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.26	27.88	27.85	27.66	1.27	ppb
Lead	207-1	27.30	27.98	27.71	27.67	1.23	ppb
Lead	208-1	26.97	27.65	27.49	27.37	1.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	14542.88	14707.14	14399.55	14549.86	1.06	ppb
Manganese	55-2	814.72	821.01	807.67	814.47	0.82	ppb
Molybdenum	94-1	2.92	2.96	3.03	2.97	1.98	ppb
Molybdenum	95-1	0.02	0.04	0.04	0.04	30.43	ppb
Molybdenum	96-1	0.64	0.68	0.69	0.67	4.18	ppb
Molybdenum	97-1	0.01	0.06	0.02	0.03	101.42	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	8.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.94	54.45	52.98	53.79	1.39	ppb
Phosphorus	31-2	234.28	240.32	224.81	233.14	3.35	ppb
Potassium	39-2	335.72	337.61	332.54	335.29	0.76	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.81	0.26	0.19	0.42	81.56	ppb
Selenium	77-2	3.12	1.87	1.74	2.24	33.86	ppb
Selenium	78-2	1.63	0.21	0.29	0.71	112.25	ppb
Silicon	28-1	620.30	640.62	631.08	630.67	1.61	ppb
Silver	107-1	0.28	0.28	0.28	0.28	0.88	ppb
Silver	109-1	0.27	0.29	0.27	0.28	2.54	ppb
Sodium	23-2	27.12	26.58	27.12	26.94	1.17	ppb
Strontium	86-1	387.26	393.20	392.34	390.93	0.82	ppb
Strontium	88-1	386.33	385.70	390.16	387.39	0.62	ppb
Sulfur	34-1	-1151.14	-1097.45	-1106.49	-1118.36		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	10.54	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.52	ppb
Tin	118-1	0.30	0.28	0.29	0.29	2.05	ppb
Titanium	47-1	615.26	631.52	622.79	623.19	1.31	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:36:36	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.12	0.11	0.12	3.05	ppb
Vanadium	51-2	106.96	106.92	105.73	106.54	0.66	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	96.66	97.87	97.75	97.43	0.68	ppb
Zirconium	90-1	1.61	1.62	1.61	1.61	0.26	ppb
Zirconium	91-1	1.59	1.66	1.60	1.62	2.26	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:39:47	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19835.95	19800.56	19726.67	19787.72	0.28	ppb
Antimony	121-1	0.28	0.31	0.29	0.29	5.60	ppb
Arsenic	75-2	42.06	40.55	41.47	41.36	1.84	ppb
Barium	135-1	34.27	36.69	36.78	35.91	3.96	ppb
Barium	137-1	34.20	36.70	37.20	36.03	4.47	ppb
Beryllium	9-1	0.10	0.10	0.17	0.13	31.12	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.93	1.12	1.32	1.12	17.40	ppb
Cadmium	106-1	1.52	0.91	0.21	0.88	74.57	ppb
Cadmium	111-1	0.86	0.83	0.81	0.84	3.09	ppb
Calcium	43-1	3309.04	3628.76	3586.87	3508.22	4.95	ppb
Calcium	44-1	3207.76	3443.52	3491.18	3380.82	4.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.67	83.03	83.32	83.01	0.39	ppb
Cobalt	59-2	29.87	29.94	30.02	29.95	0.25	ppb
Copper	63-2	201.16	200.55	201.03	200.91	0.16	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				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	45702.39	45671.77	45520.00	45631.38	0.21	ppb
Iron	57-2	44607.11	45099.26	45304.17	45003.51	0.80	ppb
Iron	54-2	45577.77	45814.29	45564.08	45652.04	0.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:39:47	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.44	26.58	26.80	25.94	5.01	ppb
Lead	207-1	24.28	26.36	26.25	25.63	4.56	ppb
Lead	208-1	24.13	26.09	26.27	25.50	4.67	ppb
Lithium	6-1				103		%
Magnesium	24-2	14022.18	14025.16	13979.58	14008.97	0.18	ppb
Manganese	55-2	797.05	798.17	795.07	796.76	0.20	ppb
Molybdenum	94-1	2.67	3.00	3.04	2.90	6.94	ppb
Molybdenum	95-1	0.02	0.05	0.01	0.03	62.38	ppb
Molybdenum	96-1	0.61	0.66	0.65	0.64	4.14	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	45.88	ppb
Molybdenum	98-1	0.00	0.04	0.02	0.02	94.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.95	52.18	52.03	52.05	0.23	ppb
Phosphorus	31-2	239.12	229.84	225.47	231.48	3.01	ppb
Potassium	39-2	333.37	332.23	330.61	332.07	0.42	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.44	0.48	0.81	0.58	35.28	ppb
Selenium	77-2	1.72	2.38	1.83	1.97	17.86	ppb
Selenium	78-2	-0.18	-0.03	0.23	0.00	5191.80	ppb
Silicon	28-1	576.22	653.96	658.69	629.62	7.36	ppb
Silver	107-1	0.22	0.25	0.26	0.24	9.13	ppb
Silver	109-1	0.21	0.24	0.24	0.23	6.03	ppb
Sodium	23-2	26.01	26.15	25.31	25.82	1.73	ppb
Strontium	86-1	345.75	375.24	383.27	368.09	5.37	ppb
Strontium	88-1	348.27	376.71	383.35	369.44	5.04	ppb
Sulfur	34-1	-1356.17	-1147.24	-1128.55	-1210.66		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.02	0.02	0.02	25.57	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	23.60	ppb
Tin	118-1	0.23	0.27	0.26	0.25	7.94	ppb
Titanium	47-1	558.13	616.23	619.47	597.94	5.77	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:39:47	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.11	0.12	0.11	7.09	ppb
Vanadium	51-2	103.50	103.63	103.91	103.68	0.20	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	93.63	93.60	93.39	93.54	0.14	ppb
Zirconium	90-1	1.45	1.58	1.60	1.54	5.29	ppb
Zirconium	91-1	1.51	1.63	1.67	1.61	5.30	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:42:55	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4232.25	4166.98	4260.04	4219.76	1.13	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	12.56	ppb
Arsenic	75-2	8.48	8.92	8.44	8.61	3.11	ppb
Barium	135-1	7.52	7.55	7.43	7.50	0.80	ppb
Barium	137-1	7.60	7.75	7.57	7.64	1.23	ppb
Beryllium	9-1	-0.04	0.00	-0.01	-0.02		ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.37	0.14	0.14	0.22	63.04	ppb
Cadmium	106-1	0.40	0.07	-0.63	-0.06		ppb
Cadmium	111-1	0.16	0.17	0.12	0.15	18.68	ppb
Calcium	43-1	752.23	762.47	759.16	757.95	0.69	ppb
Calcium	44-1	752.67	751.85	766.87	757.13	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.57	17.50	17.55	17.54	0.19	ppb
Cobalt	59-2	6.33	6.38	6.31	6.34	0.53	ppb
Copper	63-2	43.08	43.45	42.96	43.16	0.59	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				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	9709.56	9710.28	9647.50	9689.11	0.37	ppb
Iron	57-2	9723.50	9783.01	9702.69	9736.40	0.43	ppb
Iron	54-2	9625.51	9806.46	9626.99	9686.32	1.07	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:42:55	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.51	5.44	5.43	5.46	0.80	ppb
Lead	207-1	5.47	5.42	5.46	5.45	0.52	ppb
Lead	208-1	5.45	5.34	5.38	5.39	1.05	ppb
Lithium	6-1				101		%
Magnesium	24-2	2997.19	2956.92	2987.12	2980.41	0.70	ppb
Manganese	55-2	163.13	165.77	165.04	164.65	0.83	ppb
Molybdenum	94-1	0.44	0.46	0.45	0.45	2.35	ppb
Molybdenum	95-1	-0.15	-0.16	-0.16	-0.16		ppb
Molybdenum	96-1	-0.02	-0.03	-0.03	-0.03		ppb
Molybdenum	97-1	-0.17	-0.17	-0.16	-0.16		ppb
Molybdenum	98-1	-0.16	-0.14	-0.15	-0.15		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.21	11.30	11.20	11.23	0.50	ppb
Phosphorus	31-2	32.94	30.89	34.85	32.89	6.02	ppb
Potassium	39-2	61.56	59.60	62.15	61.10	2.19	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.04	0.19	0.12	0.12	62.86	ppb
Selenium	77-2	0.32	0.19	0.04	0.18	76.34	ppb
Selenium	78-2	-0.02	-0.21	0.12	-0.04		ppb
Silicon	28-1	90.66	89.83	93.03	91.18	1.82	ppb
Silver	107-1	0.04	0.03	0.03	0.03	12.73	ppb
Silver	109-1	0.04	0.04	0.03	0.04	12.78	ppb
Sodium	23-2	-3.42	-2.82	-2.13	-2.79		ppb
Strontium	86-1	79.26	79.35	79.25	79.28	0.07	ppb
Strontium	88-1	78.33	79.11	79.98	79.14	1.05	ppb
Sulfur	34-1	-1035.20	-1008.55	-992.66	-1012.14		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.06	0.08	0.07	15.21	ppb
Titanium	47-1	127.56	129.05	126.93	127.85	0.85	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:42:55	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	10.06	ppb
Vanadium	51-2	21.86	22.05	21.81	21.91	0.58	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	19.94	19.97	19.97	19.96	0.06	ppb
Zirconium	90-1	0.32	0.31	0.34	0.32	4.16	ppb
Zirconium	91-1	0.32	0.33	0.31	0.32	2.39	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:46:09	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90518.66	89828.99	90952.97	90433.54	0.63	ppb
Antimony	121-1	71.87	71.66	71.08	71.54	0.58	ppb
Arsenic	75-2	214.56	216.16	217.94	216.22	0.78	ppb
Barium	135-1	1593.44	1629.66	1601.89	1608.33	1.18	ppb
Barium	137-1	1590.87	1601.95	1574.47	1589.10	0.87	ppb
Beryllium	9-1	34.72	34.44	34.45	34.54	0.47	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	39.20	37.71	38.38	38.43	1.94	ppb
Cadmium	106-1	38.22	39.92	37.72	38.62	2.98	ppb
Cadmium	111-1	40.08	39.57	39.52	39.72	0.77	ppb
Calcium	43-1	16171.64	16416.47	16824.64	16470.92	2.00	ppb
Calcium	44-1	15550.16	15697.25	16093.44	15780.29	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.76	505.43	504.92	505.37	0.08	ppb
Cobalt	59-2	437.73	430.89	433.86	434.16	0.79	ppb
Copper	63-2	1035.46	1035.88	1030.57	1033.97	0.29	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				107		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	205153.49	204721.40	204845.70	204906.86	0.11	ppb
Iron	57-2	204953.54	205256.42	203674.21	204628.06	0.41	ppb
Iron	54-2	210322.06	206328.37	207042.29	207897.57	1.02	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:46:09	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	149.39	149.57	150.43	149.80	0.37	ppb
Lead	207-1	148.03	148.67	148.13	148.28	0.23	ppb
Lead	208-1	152.64	151.59	152.44	152.22	0.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	63269.46	63154.00	63321.48	63248.32	0.14	ppb
Manganese	55-2	3921.47	3864.41	3897.00	3894.29	0.74	ppb
Molybdenum	94-1	14.14	14.02	14.26	14.14	0.85	ppb
Molybdenum	95-1	0.63	0.66	0.70	0.66	4.80	ppb
Molybdenum	96-1	3.57	3.61	3.62	3.60	0.76	ppb
Molybdenum	97-1	0.63	0.68	0.64	0.65	3.95	ppb
Molybdenum	98-1	0.63	0.60	0.64	0.62	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.41	514.49	520.19	517.36	0.55	ppb
Phosphorus	31-2	1047.89	1081.73	1071.38	1067.00	1.63	ppb
Potassium	39-2	1482.59	1474.38	1487.81	1481.59	0.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	63.60	64.71	66.39	64.90	2.16	ppb
Selenium	77-2	74.92	73.86	80.13	76.30	4.40	ppb
Selenium	78-2	67.35	69.14	69.31	68.60	1.58	ppb
Silicon	28-1	3888.79	3917.87	4114.91	3973.86	3.10	ppb
Silver	107-1	34.14	34.13	32.22	33.50	3.31	ppb
Silver	109-1	34.71	34.73	34.49	34.64	0.39	ppb
Sodium	23-2	141.12	141.91	144.24	142.42	1.14	ppb
Strontium	86-1	1787.74	1784.81	1815.52	1796.02	0.94	ppb
Strontium	88-1	1833.10	1832.70	1852.87	1839.56	0.63	ppb
Sulfur	34-1	-1338.02	-1270.47	-1129.46	-1245.98		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	33.16	33.16	33.51	33.28	0.61	ppb
Thallium	205-1	33.27	33.37	33.43	33.36	0.24	ppb
Tin	118-1	1.16	1.15	1.14	1.15	0.98	ppb
Titanium	47-1	2945.83	2947.27	2982.81	2958.64	0.71	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:46:09	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.65	0.64	0.64	0.54	ppb
Vanadium	51-2	787.89	774.51	788.57	783.66	1.01	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	693.85	700.10	704.04	699.33	0.73	ppb
Zirconium	90-1	7.39	7.46	7.50	7.45	0.70	ppb
Zirconium	91-1	7.47	7.50	7.47	7.48	0.24	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:49:07	DataFile Name :	153CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50583.52	50208.87	50931.58	50574.66	0.71	ppb
Antimony	121-1	484.10	494.08	498.16	492.11	1.47	ppb
Arsenic	75-2	516.19	513.70	512.27	514.05	0.39	ppb
Barium	135-1	2419.71	2533.47	2529.11	2494.10	2.58	ppb
Barium	137-1	2407.10	2521.65	2494.34	2474.36	2.42	ppb
Beryllium	9-1	469.50	484.03	489.62	481.05	2.16	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	475.29	493.38	500.74	489.80	2.67	ppb
Cadmium	106-1	484.90	494.32	503.70	494.31	1.90	ppb
Cadmium	111-1	476.81	468.88	489.83	478.50	2.21	ppb
Calcium	43-1	241332.60	255024.79	250030.34	248795.91	2.79	ppb
Calcium	44-1	245031.29	252060.13	249295.69	248795.71	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.05	494.69	500.71	497.48	0.61	ppb
Cobalt	59-2	483.79	492.60	489.87	488.75	0.92	ppb
Copper	63-2	4695.97	4765.74	4771.46	4744.39	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				101		%
Holmium	165-2				102		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	127092.97	127501.88	127696.85	127430.57	0.24	ppb
Iron	57-2	127253.00	127762.52	128058.52	127691.34	0.32	ppb
Iron	54-2	128463.80	127321.11	128804.64	128196.52	0.61	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:49:07	DataFile Name :	153CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2538.93	2554.34	2564.78	2552.68	0.51	ppb
Lead	207-1	2490.52	2537.13	2520.67	2516.10	0.94	ppb
Lead	208-1	2495.02	2535.39	2521.55	2517.32	0.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	248064.17	248166.70	250408.56	248879.81	0.53	ppb
Manganese	55-2	4923.34	4912.53	4937.10	4924.32	0.25	ppb
Molybdenum	94-1	4789.40	5099.64	5048.47	4979.17	3.34	ppb
Molybdenum	95-1	4816.53	5059.84	5072.72	4983.03	2.90	ppb
Molybdenum	96-1	4882.62	5103.09	5045.70	5010.47	2.28	ppb
Molybdenum	97-1	4824.87	5076.51	5009.96	4970.45	2.62	ppb
Molybdenum	98-1	4792.74	5071.72	5000.34	4954.93	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.97	468.41	466.62	466.67	0.37	ppb
Phosphorus	31-2	9908.74	9872.81	9903.74	9895.10	0.20	ppb
Potassium	39-2	123908.23	122679.22	124288.34	123625.27	0.68	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				84		%
Selenium	82-1	485.48	513.09	507.72	502.10	2.92	ppb
Selenium	77-2	525.01	511.12	518.58	518.24	1.34	ppb
Selenium	78-2	507.43	508.95	504.69	507.02	0.43	ppb
Silicon	28-1	435.17	471.66	470.01	458.95	4.49	ppb
Silver	107-1	488.85	491.55	495.89	492.10	0.72	ppb
Silver	109-1	480.20	488.19	487.26	485.22	0.90	ppb
Sodium	23-2	246926.64	247059.64	247601.60	247195.96	0.14	ppb
Strontium	86-1	12348.64	12762.71	12519.86	12543.74	1.66	ppb
Strontium	88-1	12151.28	12709.11	12615.42	12491.94	2.39	ppb
Sulfur	34-1	9490.09	9978.96	9856.05	9775.03	2.60	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	515.50	503.84	511.60	510.32	1.16	ppb
Thallium	205-1	510.18	518.89	504.79	511.29	1.39	ppb
Tin	118-1	492.51	495.08	505.44	497.68	1.38	ppb
Titanium	47-1	4732.57	4925.38	4911.26	4856.40	2.21	ppb

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:49:07	DataFile Name :	153CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	500.26	503.89	503.76	502.64	0.41	ppb
Vanadium	51-2	505.91	501.59	497.46	501.65	0.84	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	4678.62	4682.75	4737.96	4699.78	0.71	ppb
Zirconium	90-1	483.03	500.91	502.71	495.55	2.20	ppb
Zirconium	91-1	484.48	501.71	504.12	496.77	2.16	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:51:50	DataFile Name :	154CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.72	1.54	0.81	1.36	35.52	ppb
Antimony	121-1	0.19	0.18	0.16	0.18	9.20	ppb
Arsenic	75-2	0.02	-0.01	0.00	0.00	2192.64	ppb
Barium	135-1	0.34	0.32	0.17	0.28	32.97	ppb
Barium	137-1	0.29	0.29	0.21	0.26	17.46	ppb
Beryllium	9-1	0.09	0.06	0.07	0.07	15.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.03	0.02	0.03	25.66	ppb
Cadmium	106-1	0.69	-0.22	-0.13	0.11	448.25	ppb
Cadmium	111-1	0.11	0.04	0.03	0.06	79.35	ppb
Calcium	43-1	29.10	27.16	23.67	26.64	10.32	ppb
Calcium	44-1	28.18	25.36	17.11	23.55	24.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.01	0.02	61.10	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	57.67	ppb
Copper	63-2	0.64	0.53	0.50	0.56	12.82	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				101		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	7.00	4.93	3.12	5.02	38.69	ppb
Iron	57-2	6.34	3.45	0.95	3.58	75.34	ppb
Iron	54-2	6.06	4.35	3.04	4.48	33.85	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:51:50	DataFile Name :	154CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.34	0.28	0.22	0.28	21.49	ppb
Lead	207-1	0.30	0.28	0.19	0.26	21.88	ppb
Lead	208-1	0.31	0.26	0.20	0.26	22.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	9.64	6.97	3.41	6.67	46.85	ppb
Manganese	55-2	0.22	0.13	0.05	0.13	64.58	ppb
Molybdenum	94-1	0.70	0.63	0.46	0.60	21.13	ppb
Molybdenum	95-1	0.69	0.59	0.44	0.58	21.77	ppb
Molybdenum	96-1	0.67	0.56	0.46	0.56	18.97	ppb
Molybdenum	97-1	0.71	0.57	0.45	0.58	23.15	ppb
Molybdenum	98-1	0.68	0.55	0.45	0.56	20.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.08	0.06	0.07	20.85	ppb
Phosphorus	31-2	-14.91	-18.49	-18.96	-17.45		ppb
Potassium	39-2	6.13	2.35	3.13	3.87	51.53	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	0.16	0.09	-0.06	0.06	170.59	ppb
Selenium	77-2	-0.10	0.06	0.06	0.00	1822.46	ppb
Selenium	78-2	-1.01	-0.74	-0.91	-0.89		ppb
Silicon	28-1	-93.52	-92.79	-94.45	-93.59		ppb
Silver	107-1	0.11	0.10	0.08	0.09	16.21	ppb
Silver	109-1	0.12	0.10	0.08	0.10	20.83	ppb
Sodium	23-2	18.51	14.03	11.09	14.54	25.70	ppb
Strontium	86-1	1.80	1.73	1.09	1.54	25.52	ppb
Strontium	88-1	1.57	1.48	1.12	1.39	17.02	ppb
Sulfur	34-1	-207.44	-41.63	-130.38	-126.48		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.08	0.06	0.08	27.96	ppb
Thallium	205-1	0.09	0.08	0.06	0.08	18.16	ppb
Tin	118-1	0.11	0.08	0.07	0.08	24.10	ppb
Titanium	47-1	0.72	0.59	0.40	0.57	28.28	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:51:50	DataFile Name :	154CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.05	0.04	0.05	21.49	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	52.40	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	0.35	0.38	0.18	0.30	35.85	ppb
Zirconium	90-1	0.07	0.06	0.04	0.06	20.62	ppb
Zirconium	91-1	0.07	0.06	0.06	0.06	4.74	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:55:06	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94593.63	96475.50	95765.59	95611.57	0.99	ppb
Antimony	121-1	369.96	371.32	373.50	371.59	0.48	ppb
Arsenic	75-2	328.16	331.53	328.90	329.53	0.54	ppb
Barium	135-1	7383.35	7509.29	7574.44	7489.03	1.30	ppb
Barium	137-1	7424.94	7547.09	7671.80	7547.94	1.64	ppb
Beryllium	9-1	175.26	177.80	178.40	177.15	0.94	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	168.68	170.62	173.16	170.82	1.32	ppb
Cadmium	106-1	168.90	167.01	168.98	168.30	0.66	ppb
Cadmium	111-1	179.41	181.88	185.61	182.30	1.71	ppb
Calcium	43-1	16105.58	16219.89	16150.56	16158.68	0.36	ppb
Calcium	44-1	15386.25	15614.67	15594.34	15531.76	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1029.96	1012.17	1026.65	1022.93	0.92	ppb
Cobalt	59-2	1723.57	1732.08	1723.87	1726.51	0.28	ppb
Copper	63-2	1637.29	1670.26	1658.38	1655.31	1.01	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				107		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	206988.69	207654.98	207595.55	207413.07	0.18	ppb
Iron	57-2	203550.62	205531.63	204801.03	204627.76	0.49	ppb
Iron	54-2	207950.32	208592.71	207770.00	208104.34	0.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:55:06	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	212.52	214.89	220.11	215.84	1.80	ppb
Lead	207-1	212.45	209.75	215.54	212.58	1.36	ppb
Lead	208-1	209.50	210.29	214.81	211.53	1.35	ppb
Lithium	6-1				104		%
Magnesium	24-2	63330.17	63827.05	63970.63	63709.28	0.53	ppb
Manganese	55-2	5143.70	5107.91	5135.65	5129.09	0.37	ppb
Molybdenum	94-1	13.61	13.73	13.72	13.69	0.49	ppb
Molybdenum	95-1	0.69	0.74	0.74	0.72	4.23	ppb
Molybdenum	96-1	3.42	3.51	3.48	3.47	1.26	ppb
Molybdenum	97-1	0.64	0.65	0.65	0.64	1.32	ppb
Molybdenum	98-1	0.69	0.70	0.68	0.69	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1850.57	1849.38	1850.27	1850.07	0.03	ppb
Phosphorus	31-2	1063.75	1057.87	1074.52	1065.38	0.79	ppb
Potassium	39-2	1457.38	1474.05	1479.76	1470.40	0.79	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	350.28	354.93	355.28	353.49	0.79	ppb
Selenium	77-2	369.87	395.94	386.97	384.26	3.45	ppb
Selenium	78-2	370.91	381.42	372.87	375.07	1.49	ppb
Silicon	28-1	4104.26	4097.15	4124.73	4108.72	0.35	ppb
Silver	107-1	137.01	166.47	155.68	153.05	9.74	ppb
Silver	109-1	138.05	173.05	156.08	155.73	11.24	ppb
Sodium	23-2	150.88	147.98	151.76	150.21	1.32	ppb
Strontium	86-1	1709.13	1744.00	1739.34	1730.82	1.09	ppb
Strontium	88-1	1787.57	1821.45	1799.60	1802.87	0.95	ppb
Sulfur	34-1	-770.77	-822.20	-902.22	-831.73		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	178.58	179.97	182.66	180.40	1.15	ppb
Thallium	205-1	177.48	177.13	181.88	178.83	1.48	ppb
Tin	118-1	1.11	1.10	1.13	1.11	1.24	ppb
Titanium	47-1	2941.08	2906.40	2910.78	2919.42	0.65	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:55:06	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.63	0.64	0.64	1.01	ppb
Vanadium	51-2	2070.52	2063.93	2060.03	2064.83	0.26	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	1995.73	2039.40	2006.86	2014.00	1.13	ppb
Zirconium	90-1	7.10	7.21	7.22	7.18	0.94	ppb
Zirconium	91-1	7.30	7.42	7.32	7.35	0.84	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:57:59	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4549.46	4501.47	4540.14	4530.36	0.56	ppb
Antimony	121-1	0.13	0.12	0.11	0.12	8.38	ppb
Arsenic	75-2	6.22	5.85	6.22	6.10	3.58	ppb
Barium	135-1	37.76	38.45	38.71	38.31	1.28	ppb
Barium	137-1	38.52	39.07	38.64	38.74	0.74	ppb
Beryllium	9-1	0.15	0.16	0.13	0.15	12.65	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.19	0.20	0.18	0.19	3.78	ppb
Cadmium	106-1	0.69	0.73	0.04	0.49	79.61	ppb
Cadmium	111-1	0.15	0.19	0.11	0.15	25.06	ppb
Calcium	43-1	2101.79	2113.83	2169.25	2128.29	1.69	ppb
Calcium	44-1	2043.24	2020.51	2084.98	2049.58	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.65	10.67	10.61	10.65	0.28	ppb
Cobalt	59-2	6.12	6.19	6.15	6.15	0.57	ppb
Copper	63-2	30.15	30.30	30.24	30.23	0.26	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				104		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	10794.71	10787.49	10783.16	10788.45	0.05	ppb
Iron	57-2	10821.64	10832.76	10805.26	10819.89	0.13	ppb
Iron	54-2	10913.28	10831.15	10885.65	10876.69	0.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:57:59	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.24	6.27	6.36	6.29	0.94	ppb
Lead	207-1	6.02	6.11	6.07	6.07	0.73	ppb
Lead	208-1	6.05	6.06	6.14	6.08	0.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	2918.66	2941.08	2932.47	2930.74	0.39	ppb
Manganese	55-2	215.89	215.33	215.43	215.55	0.14	ppb
Molybdenum	94-1	1.35	1.41	1.40	1.39	2.55	ppb
Molybdenum	95-1	-0.13	-0.12	-0.14	-0.13		ppb
Molybdenum	96-1	0.11	0.12	0.09	0.11	15.43	ppb
Molybdenum	97-1	-0.15	-0.14	-0.14	-0.14		ppb
Molybdenum	98-1	-0.13	-0.13	-0.14	-0.13		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.67	9.50	9.40	9.52	1.45	ppb
Phosphorus	31-2	334.84	343.70	326.02	334.85	2.64	ppb
Potassium	39-2	856.43	846.97	854.15	852.52	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	0.11	-0.53	0.30	-0.04		ppb
Selenium	77-2	2.08	1.77	2.23	2.02	11.54	ppb
Selenium	78-2	-1.36	-0.04	0.44	-0.32		ppb
Silicon	28-1	260.03	259.53	263.96	261.17	0.93	ppb
Silver	107-1	0.08	0.05	0.04	0.06	32.11	ppb
Silver	109-1	0.08	0.05	0.04	0.05	38.91	ppb
Sodium	23-2	30.94	32.84	31.90	31.90	2.98	ppb
Strontium	86-1	219.47	218.43	223.19	220.36	1.14	ppb
Strontium	88-1	217.99	219.87	224.09	220.65	1.42	ppb
Sulfur	34-1	-696.48	-721.63	-677.99	-698.70		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.07	0.07	0.07	6.60	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	10.38	ppb
Tin	118-1	0.03	0.03	0.02	0.03	19.40	ppb
Titanium	47-1	110.15	109.61	110.77	110.18	0.53	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:57:59	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.10	0.11	0.10	3.50	ppb
Vanadium	51-2	23.85	23.79	23.99	23.88	0.44	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	45.80	44.77	45.76	45.44	1.29	ppb
Zirconium	90-1	0.81	0.85	0.83	0.83	2.67	ppb
Zirconium	91-1	0.80	0.81	0.84	0.82	2.67	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:01:09	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4881.96	4870.54	4858.51	4870.34	0.24	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	21.22	ppb
Arsenic	75-2	6.87	7.33	6.89	7.03	3.71	ppb
Barium	135-1	40.62	42.43	42.19	41.75	2.36	ppb
Barium	137-1	40.65	42.85	42.74	42.08	2.95	ppb
Beryllium	9-1	0.09	0.11	0.11	0.10	10.98	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.25	0.13	0.16	43.00	ppb
Cadmium	106-1	0.08	-0.40	0.53	0.07	660.31	ppb
Cadmium	111-1	0.08	0.08	0.13	0.10	33.92	ppb
Calcium	43-1	2350.19	2467.25	2530.38	2449.28	3.73	ppb
Calcium	44-1	2280.03	2355.57	2384.42	2340.00	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.11	11.22	11.19	11.17	0.52	ppb
Cobalt	59-2	6.66	6.62	6.59	6.63	0.53	ppb
Copper	63-2	30.78	30.60	30.17	30.52	1.04	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				105		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	11733.10	11723.30	11493.70	11650.03	1.16	ppb
Iron	57-2	11678.49	11792.09	11499.89	11656.83	1.26	ppb
Iron	54-2	11864.63	11975.72	11680.36	11840.24	1.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:01:09	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.43	7.84	7.84	7.71	3.04	ppb
Lead	207-1	7.24	7.68	7.74	7.55	3.62	ppb
Lead	208-1	7.20	7.70	7.65	7.52	3.65	ppb
Lithium	6-1				103		%
Magnesium	24-2	3167.12	3146.80	3099.30	3137.74	1.11	ppb
Manganese	55-2	239.92	239.46	237.32	238.90	0.58	ppb
Molybdenum	94-1	1.19	1.33	1.28	1.27	5.92	ppb
Molybdenum	95-1	-0.13	-0.12	-0.13	-0.13		ppb
Molybdenum	96-1	0.08	0.11	0.10	0.10	17.24	ppb
Molybdenum	97-1	-0.13	-0.13	-0.14	-0.13		ppb
Molybdenum	98-1	-0.13	-0.13	-0.13	-0.13		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.27	10.56	10.28	10.37	1.60	ppb
Phosphorus	31-2	376.07	397.51	385.20	386.26	2.79	ppb
Potassium	39-2	918.54	925.30	915.67	919.84	0.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	0.24	0.03	-0.05	0.07	213.49	ppb
Selenium	77-2	1.31	1.63	2.89	1.95	42.94	ppb
Selenium	78-2	-0.92	-0.17	0.21	-0.29		ppb
Silicon	28-1	245.32	259.93	277.38	260.87	6.15	ppb
Silver	107-1	0.02	0.02	0.01	0.02	20.49	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.40	ppb
Sodium	23-2	38.04	38.28	37.25	37.86	1.42	ppb
Strontium	86-1	236.39	254.04	250.27	246.90	3.76	ppb
Strontium	88-1	239.15	251.07	253.19	247.80	3.05	ppb
Sulfur	34-1	-898.80	-798.91	-747.15	-814.95		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.75	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	8.74	ppb
Tin	118-1	0.08	0.03	0.04	0.05	50.81	ppb
Titanium	47-1	110.21	115.88	117.09	114.40	3.21	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:01:09	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.12	0.12	0.11	3.82	ppb
Vanadium	51-2	24.14	23.98	24.12	24.08	0.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	59.55	59.62	58.33	59.17	1.22	ppb
Zirconium	90-1	0.73	0.78	0.80	0.77	4.38	ppb
Zirconium	91-1	0.74	0.81	0.82	0.79	5.71	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 00:04:22	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	904.33	905.50	903.65	904.50	0.10	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00		ppb
Arsenic	75-2	1.29	1.25	1.22	1.25	2.65	ppb
Barium	135-1	7.02	7.59	7.46	7.36	4.01	ppb
Barium	137-1	7.09	7.60	7.49	7.39	3.59	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.04	-0.04	-0.03		ppb
Cadmium	106-1	-0.38	-0.73	-0.71	-0.61		ppb
Cadmium	111-1	-0.04	-0.05	-0.05	-0.04		ppb
Calcium	43-1	397.92	430.64	425.78	418.12	4.22	ppb
Calcium	44-1	394.91	417.73	415.92	409.52	3.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.13	2.15	2.14	0.36	ppb
Cobalt	59-2	1.21	1.20	1.21	1.21	0.44	ppb
Copper	63-2	6.39	6.48	6.26	6.37	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				104		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2165.83	2165.67	2156.59	2162.70	0.24	ppb
Iron	57-2	2161.05	2208.36	2171.84	2180.42	1.14	ppb
Iron	54-2	2203.26	2204.70	2206.22	2204.73	0.07	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 00:04:22	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.12	1.18	1.20	1.17	3.67	ppb
Lead	207-1	1.04	1.14	1.06	1.08	4.55	ppb
Lead	208-1	1.08	1.13	1.11	1.11	2.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	560.89	563.08	562.22	562.06	0.20	ppb
Manganese	55-2	43.65	44.04	43.73	43.81	0.46	ppb
Molybdenum	94-1	0.13	0.14	0.12	0.13	8.58	ppb
Molybdenum	95-1	-0.19	-0.19	-0.19	-0.19		ppb
Molybdenum	96-1	-0.15	-0.14	-0.14	-0.14		ppb
Molybdenum	97-1	-0.20	-0.20	-0.20	-0.20		ppb
Molybdenum	98-1	-0.18	-0.18	-0.17	-0.18		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	1.97	2.01	1.97	1.88	ppb
Phosphorus	31-2	59.17	39.47	56.98	51.87	20.82	ppb
Potassium	39-2	165.91	168.84	165.00	166.58	1.20	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	0.08	-0.07	-0.18	-0.06		ppb
Selenium	77-2	0.19	0.05	0.34	0.19	75.23	ppb
Selenium	78-2	-0.67	-0.54	0.14	-0.36		ppb
Silicon	28-1	-0.46	14.19	2.12	5.28	148.10	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	0.97	0.56	0.50	0.68	37.72	ppb
Strontium	86-1	42.25	44.79	45.89	44.31	4.21	ppb
Strontium	88-1	41.93	44.93	44.09	43.65	3.54	ppb
Sulfur	34-1	-1096.05	-952.81	-1007.69	-1018.85		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	0.01	0.03	0.01	133.31	ppb
Titanium	47-1	20.45	22.14	21.52	21.37	4.00	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 00:04:22	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	14.49	ppb
Vanadium	51-2	4.76	4.75	4.77	4.76	0.22	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	9.38	9.79	9.46	9.54	2.30	ppb
Zirconium	90-1	0.13	0.15	0.14	0.14	7.16	ppb
Zirconium	91-1	0.14	0.16	0.16	0.15	10.07	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:07:36	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5411.01	5503.53	5425.04	5446.52	0.92	ppb
Antimony	121-1	20.10	20.18	20.05	20.11	0.32	ppb
Arsenic	75-2	15.34	14.98	15.30	15.21	1.31	ppb
Barium	135-1	467.97	470.66	473.08	470.57	0.54	ppb
Barium	137-1	469.56	478.94	472.49	473.66	1.01	ppb
Beryllium	9-1	10.33	10.65	10.40	10.46	1.59	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.60	9.12	9.51	9.08	5.06	ppb
Cadmium	106-1	9.04	9.00	9.17	9.07	1.00	ppb
Cadmium	111-1	10.24	10.39	10.11	10.25	1.37	ppb
Calcium	43-1	2373.18	2393.35	2451.24	2405.92	1.68	ppb
Calcium	44-1	2255.04	2274.58	2302.77	2277.46	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.84	53.72	54.13	53.90	0.40	ppb
Cobalt	59-2	111.03	111.34	110.79	111.05	0.25	ppb
Copper	63-2	82.83	82.43	82.29	82.52	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				105		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	12008.38	12035.85	12208.52	12084.25	0.90	ppb
Iron	57-2	12185.82	11975.33	12110.76	12090.64	0.88	ppb
Iron	54-2	12240.41	12148.12	12197.24	12195.26	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:07:36	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.96	11.22	11.17	11.12	1.24	ppb
Lead	207-1	10.38	10.68	10.60	10.55	1.47	ppb
Lead	208-1	10.52	10.76	10.70	10.66	1.15	ppb
Lithium	6-1				100		%
Magnesium	24-2	3205.36	3205.32	3258.48	3223.05	0.95	ppb
Manganese	55-2	353.57	346.31	352.54	350.81	1.12	ppb
Molybdenum	94-1	1.49	1.59	1.47	1.52	4.20	ppb
Molybdenum	95-1	-0.13	-0.04	-0.13	-0.10		ppb
Molybdenum	96-1	0.13	0.20	0.12	0.15	29.45	ppb
Molybdenum	97-1	-0.13	-0.05	-0.15	-0.11		ppb
Molybdenum	98-1	-0.14	-0.07	-0.13	-0.11		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.68	115.67	117.51	116.62	0.79	ppb
Phosphorus	31-2	377.28	391.67	382.34	383.76	1.90	ppb
Potassium	39-2	942.15	941.09	949.14	944.13	0.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	18.09	17.97	18.20	18.08	0.63	ppb
Selenium	77-2	17.81	22.13	21.13	20.36	11.09	ppb
Selenium	78-2	17.11	19.91	18.38	18.46	7.59	ppb
Silicon	28-1	294.56	288.31	301.73	294.87	2.28	ppb
Silver	107-1	10.55	10.74	10.88	10.72	1.52	ppb
Silver	109-1	10.58	10.86	10.86	10.77	1.51	ppb
Sodium	23-2	34.33	34.34	34.92	34.53	0.99	ppb
Strontium	86-1	243.60	248.16	250.40	247.39	1.40	ppb
Strontium	88-1	244.36	249.59	248.88	247.61	1.14	ppb
Sulfur	34-1	-985.25	-1007.08	-966.41	-986.25		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	9.27	9.37	9.27	9.30	0.64	ppb
Thallium	205-1	9.28	9.42	9.39	9.36	0.80	ppb
Tin	118-1	0.03	0.04	0.50	0.19	142.62	ppb
Titanium	47-1	120.14	121.32	122.32	121.26	0.90	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:07:36	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.12	0.12	0.12	0.40	ppb
Vanadium	51-2	129.44	128.78	129.04	129.09	0.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	156.70	156.10	154.96	155.92	0.57	ppb
Zirconium	90-1	0.85	0.90	0.89	0.88	3.26	ppb
Zirconium	91-1	0.89	0.90	0.89	0.89	0.83	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:10:46	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6001.44	5919.49	6056.41	5992.45	1.15	ppb
Antimony	121-1	77.68	77.73	77.94	77.78	0.18	ppb
Arsenic	75-2	38.83	37.34	39.94	38.70	3.37	ppb
Barium	135-1	1631.63	1619.40	1630.69	1627.24	0.42	ppb
Barium	137-1	1628.10	1623.00	1633.54	1628.21	0.32	ppb
Beryllium	9-1	37.21	38.38	39.19	38.26	2.60	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.40	37.87	38.22	37.83	1.08	ppb
Cadmium	106-1	36.81	35.32	35.86	36.00	2.09	ppb
Cadmium	111-1	39.88	40.06	39.61	39.85	0.57	ppb
Calcium	43-1	2140.84	2201.06	2196.45	2179.45	1.54	ppb
Calcium	44-1	2088.13	2090.77	2075.14	2084.68	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166.30	166.31	166.37	166.33	0.02	ppb
Cobalt	59-2	409.12	399.40	402.48	403.67	1.23	ppb
Copper	63-2	213.26	210.94	211.71	211.97	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				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	11708.35	11550.03	11464.15	11574.18	1.07	ppb
Iron	57-2	11338.26	11585.19	11297.23	11406.89	1.37	ppb
Iron	54-2	11711.86	11758.79	11751.78	11740.81	0.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:10:46	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.19	21.53	21.72	21.48	1.25	ppb
Lead	207-1	20.16	20.36	20.32	20.28	0.54	ppb
Lead	208-1	20.52	20.57	20.65	20.58	0.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	2918.97	2868.26	2904.94	2897.39	0.90	ppb
Manganese	55-2	609.12	606.09	605.73	606.98	0.31	ppb
Molybdenum	94-1	1.30	1.34	1.35	1.33	2.00	ppb
Molybdenum	95-1	-0.14	-0.12	-0.12	-0.13		ppb
Molybdenum	96-1	0.10	0.09	0.09	0.10	7.39	ppb
Molybdenum	97-1	-0.15	-0.16	-0.15	-0.15		ppb
Molybdenum	98-1	-0.11	-0.12	-0.12	-0.12		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	398.34	396.47	395.08	396.63	0.41	ppb
Phosphorus	31-2	344.92	342.09	322.06	336.36	3.71	ppb
Potassium	39-2	857.49	859.31	848.51	855.10	0.68	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	84.52	83.85	85.90	84.75	1.24	ppb
Selenium	77-2	96.16	89.69	97.42	94.42	4.39	ppb
Selenium	78-2	91.52	88.66	89.50	89.89	1.63	ppb
Silicon	28-1	250.33	254.43	261.09	255.28	2.13	ppb
Silver	107-1	39.03	39.66	39.77	39.49	1.01	ppb
Silver	109-1	39.14	39.92	39.98	39.68	1.19	ppb
Sodium	23-2	30.97	30.89	30.93	30.93	0.13	ppb
Strontium	86-1	224.08	225.32	228.92	226.11	1.11	ppb
Strontium	88-1	223.72	223.59	227.32	224.87	0.94	ppb
Sulfur	34-1	-1122.74	-1126.86	-1121.73	-1123.78		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	35.84	35.74	36.03	35.87	0.41	ppb
Thallium	205-1	35.61	35.87	36.39	35.96	1.10	ppb
Tin	118-1	0.06	0.17	0.06	0.10	67.35	ppb
Titanium	47-1	108.66	110.29	111.54	110.16	1.31	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:10:46	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.11	0.11	0.11	5.20	ppb
Vanadium	51-2	409.22	405.90	414.26	409.79	1.03	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	434.80	433.19	432.62	433.53	0.26	ppb
Zirconium	90-1	0.78	0.80	0.80	0.79	1.58	ppb
Zirconium	91-1	0.81	0.78	0.81	0.80	2.01	ppb

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5154-16A	Instrumnet Name :	P7
Client Sample ID :	ME28Q4A	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:13:49	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9958.55	10049.49	9986.57	9998.20	0.47	ppb
Antimony	121-1	4.03	4.06	4.10	4.06	0.91	ppb
Arsenic	75-2	29.75	30.39	30.25	30.13	1.12	ppb
Barium	135-1	281.74	279.03	279.44	280.07	0.52	ppb
Barium	137-1	293.30	290.52	287.31	290.38	1.03	ppb
Beryllium	9-1	2.05	1.94	2.01	2.00	2.79	ppb
Bismuth	209-1				116		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	11.98	12.17	11.04	11.73	5.16	ppb
Cadmium	106-1	12.56	11.57	12.08	12.07	4.10	ppb
Cadmium	111-1	9.92	9.93	9.82	9.89	0.61	ppb
Calcium	43-1	97570.76	96237.08	97988.24	97265.36	0.94	ppb
Calcium	44-1	96876.66	96047.63	97201.05	96708.45	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1489.31	1490.78	1498.20	1492.76	0.32	ppb
Cobalt	59-2	22.31	22.25	22.16	22.24	0.34	ppb
Copper	63-2	478.28	467.80	468.12	471.40	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				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	313977.44	309396.81	311763.27	311712.51	0.73	ppb
Iron	57-2	311277.60	309558.69	312755.82	311197.37	0.51	ppb
Iron	54-2	313879.47	312638.11	316314.65	314277.41	0.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5154-16A	Instrumnet Name :	P7
Client Sample ID :	ME28Q4A	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:13:49	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2030.69	2027.63	2036.39	2031.57	0.22	ppb
Lead	207-1	1891.44	1909.17	1912.83	1904.48	0.60	ppb
Lead	208-1	1935.29	1950.24	1956.91	1947.48	0.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	18366.90	18474.36	18509.77	18450.34	0.40	ppb
Manganese	55-2	11188.00	11057.74	11234.63	11160.12	0.82	ppb
Molybdenum	94-1	31.86	32.47	32.72	32.35	1.36	ppb
Molybdenum	95-1	32.16	32.66	32.94	32.59	1.20	ppb
Molybdenum	96-1	34.00	34.86	35.02	34.62	1.58	ppb
Molybdenum	97-1	32.25	32.95	32.89	32.70	1.18	ppb
Molybdenum	98-1	31.96	32.45	32.61	32.34	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	888.49	874.96	890.65	884.70	0.96	ppb
Phosphorus	31-2	1141.79	1182.16	1163.74	1162.56	1.74	ppb
Potassium	39-2	1857.20	1897.46	1908.88	1887.85	1.44	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	82-1	1.18	1.18	1.18	1.18	0.30	ppb
Selenium	77-2	4.87	4.73	3.51	4.37	17.17	ppb
Selenium	78-2	-0.45	0.15	-0.74	-0.35		ppb
Silicon	28-1	7378.56	7144.16	7196.45	7239.72	1.70	ppb
Silver	107-1	6.02	6.08	6.02	6.04	0.53	ppb
Silver	109-1	6.19	6.06	6.02	6.09	1.46	ppb
Sodium	23-2	615.93	623.17	620.16	619.76	0.59	ppb
Strontium	86-1	3519.73	3593.89	3612.72	3575.45	1.37	ppb
Strontium	88-1	3624.39	3705.24	3652.31	3660.65	1.12	ppb
Sulfur	34-1	1565.56	1568.76	1586.87	1573.73	0.73	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	2.33	2.37	2.44	2.38	2.34	ppb
Thallium	205-1	2.30	2.39	2.39	2.36	2.15	ppb
Tin	118-1	22.23	22.13	22.08	22.15	0.33	ppb
Titanium	47-1	493.38	490.34	494.66	492.79	0.45	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5154-16A	Instrumnet Name :	P7
Client Sample ID :	ME28Q4A	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:13:49	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.85	0.86	0.86	0.36	ppb
Vanadium	51-2	61.97	61.47	62.31	61.92	0.69	ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	5573.86	5525.08	5618.65	5572.53	0.84	ppb
Zirconium	90-1	2.84	2.87	2.88	2.86	0.77	ppb
Zirconium	91-1	2.93	2.97	2.89	2.93	1.28	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5172-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ38ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:16:49	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30529.96	30076.92	30830.22	30479.03	1.24	ppb
Antimony	121-1	0.74	0.76	0.76	0.75	1.02	ppb
Arsenic	75-2	99.02	98.42	96.64	98.03	1.26	ppb
Barium	135-1	279.17	284.18	282.73	282.03	0.91	ppb
Barium	137-1	287.70	298.18	299.60	295.16	2.20	ppb
Beryllium	9-1	1.06	1.09	1.03	1.06	2.66	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.74	1.96	2.17	1.96	11.11	ppb
Cadmium	106-1	3.51	2.97	3.11	3.19	8.71	ppb
Cadmium	111-1	1.60	1.52	1.56	1.56	2.49	ppb
Calcium	43-1	11551.86	11802.20	11824.32	11726.12	1.29	ppb
Calcium	44-1	11105.06	11175.86	11209.85	11163.59	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.09	55.99	55.92	56.00	0.15	ppb
Cobalt	59-2	133.05	131.62	133.01	132.56	0.61	ppb
Copper	63-2	108.79	107.45	108.62	108.29	0.67	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				107		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	86847.79	86184.76	86666.11	86566.22	0.40	ppb
Iron	57-2	85142.74	85377.55	85748.45	85422.92	0.36	ppb
Iron	54-2	87006.94	86086.09	87464.77	86852.60	0.81	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5172-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ38ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:16:49	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	592.27	594.42	596.33	594.34	0.34	ppb
Lead	207-1	592.82	600.57	597.84	597.07	0.66	ppb
Lead	208-1	588.39	593.60	597.31	593.10	0.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	14579.88	14392.66	14593.00	14521.84	0.77	ppb
Manganese	55-2	1364.84	1371.33	1372.91	1369.69	0.31	ppb
Molybdenum	94-1	15.73	15.79	15.83	15.78	0.34	ppb
Molybdenum	95-1	0.92	0.89	0.93	0.91	2.12	ppb
Molybdenum	96-1	3.04	3.10	3.17	3.10	2.05	ppb
Molybdenum	97-1	0.89	0.93	0.96	0.92	3.58	ppb
Molybdenum	98-1	0.93	0.95	0.94	0.94	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	185.16	184.52	186.37	185.35	0.50	ppb
Phosphorus	31-2	2900.11	2881.13	2881.38	2887.54	0.38	ppb
Potassium	39-2	10067.84	9900.74	10021.09	9996.56	0.86	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	1.39	0.88	1.28	1.18	22.93	ppb
Selenium	77-2	14.11	11.76	13.30	13.06	9.14	ppb
Selenium	78-2	2.01	1.18	1.33	1.51	29.47	ppb
Silicon	28-1	6052.99	6094.37	6049.38	6065.58	0.41	ppb
Silver	107-1	2.53	2.57	2.59	2.57	1.19	ppb
Silver	109-1	2.49	2.60	2.64	2.57	3.04	ppb
Sodium	23-2	210.91	207.23	208.80	208.98	0.88	ppb
Strontium	86-1	1431.76	1438.63	1460.32	1443.57	1.03	ppb
Strontium	88-1	1477.00	1486.06	1507.99	1490.35	1.07	ppb
Sulfur	34-1	-386.59	-377.39	-440.98	-401.65		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.25	0.25	0.25	2.35	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	1.06	ppb
Tin	118-1	0.68	0.68	0.70	0.69	1.55	ppb
Titanium	47-1	938.54	983.03	960.41	960.66	2.32	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5172-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ38ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:16:49	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.94	0.94	0.94	0.41	ppb
Vanadium	51-2	376.16	380.37	376.62	377.72	0.61	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	397.15	394.97	396.37	396.16	0.28	ppb
Zirconium	90-1	8.20	8.18	8.35	8.24	1.12	ppb
Zirconium	91-1	8.13	8.39	8.44	8.32	1.99	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5173-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ58ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:19:51	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30263.42	30200.72	30315.25	30259.80	0.19	ppb
Antimony	121-1	0.66	0.72	0.72	0.70	4.89	ppb
Arsenic	75-2	96.14	96.32	93.82	95.43	1.46	ppb
Barium	135-1	258.04	278.91	277.16	271.37	4.27	ppb
Barium	137-1	271.93	290.69	294.56	285.73	4.24	ppb
Beryllium	9-1	0.98	1.05	1.00	1.01	3.80	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.07	1.95	1.82	1.95	6.40	ppb
Cadmium	106-1	2.60	3.38	2.42	2.80	18.24	ppb
Cadmium	111-1	1.40	1.60	1.57	1.52	7.16	ppb
Calcium	43-1	10869.30	11514.23	11699.69	11361.07	3.84	ppb
Calcium	44-1	10366.30	10964.85	11165.41	10832.19	3.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.93	54.48	54.76	54.72	0.42	ppb
Cobalt	59-2	36.91	36.77	36.86	36.85	0.19	ppb
Copper	63-2	107.17	107.38	107.71	107.42	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				110		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	85278.43	85461.79	85065.71	85268.64	0.23	ppb
Iron	57-2	84911.34	84505.59	84698.93	84705.29	0.24	ppb
Iron	54-2	85504.06	85920.19	85650.04	85691.43	0.25	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5173-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ58ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:19:51	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	128.79	138.97	139.61	135.79	4.47	ppb
Lead	207-1	126.49	135.31	136.06	132.62	4.01	ppb
Lead	208-1	131.11	139.34	139.93	136.79	3.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	14351.57	14344.21	14316.47	14337.41	0.13	ppb
Manganese	55-2	1349.26	1359.60	1356.27	1355.04	0.39	ppb
Molybdenum	94-1	14.53	15.71	15.57	15.27	4.21	ppb
Molybdenum	95-1	0.84	0.92	0.94	0.90	5.94	ppb
Molybdenum	96-1	2.83	2.95	3.02	2.93	3.29	ppb
Molybdenum	97-1	0.84	0.91	0.91	0.89	4.93	ppb
Molybdenum	98-1	0.84	0.89	0.91	0.88	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.49	41.97	42.42	41.96	1.11	ppb
Phosphorus	31-2	2824.35	2812.50	2818.21	2818.35	0.21	ppb
Potassium	39-2	9823.99	9904.27	9899.29	9875.85	0.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	1.25	1.09	1.20	1.18	6.74	ppb
Selenium	77-2	10.54	11.41	10.29	10.74	5.49	ppb
Selenium	78-2	1.04	1.55	2.39	1.66	40.99	ppb
Silicon	28-1	5621.06	5996.99	6081.51	5899.85	4.15	ppb
Silver	107-1	2.38	2.57	2.56	2.50	4.22	ppb
Silver	109-1	2.36	2.57	2.53	2.49	4.51	ppb
Sodium	23-2	203.12	202.17	203.22	202.84	0.29	ppb
Strontium	86-1	1338.84	1435.26	1442.30	1405.47	4.11	ppb
Strontium	88-1	1391.46	1468.04	1467.58	1442.36	3.06	ppb
Sulfur	34-1	-778.74	-601.80	-590.02	-656.85		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.23	0.22	0.22	1.83	ppb
Thallium	205-1	0.21	0.23	0.24	0.22	6.98	ppb
Tin	118-1	0.72	0.68	0.69	0.70	3.10	ppb
Titanium	47-1	894.68	938.73	953.41	928.94	3.29	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5173-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ58ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:19:51	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.93	0.94	0.92	3.89	ppb
Vanadium	51-2	134.88	133.12	134.49	134.16	0.69	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	391.13	387.96	389.81	389.63	0.41	ppb
Zirconium	90-1	7.66	8.10	8.32	8.03	4.21	ppb
Zirconium	91-1	7.79	8.27	8.33	8.13	3.62	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:22:59	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80200.77	81526.24	80957.08	80894.69	0.82	ppb
Antimony	121-1	4.36	4.38	4.31	4.35	0.76	ppb
Arsenic	75-2	270.80	271.97	265.14	269.30	1.36	ppb
Barium	135-1	194.15	192.79	193.85	193.60	0.37	ppb
Barium	137-1	195.23	195.64	196.45	195.77	0.32	ppb
Beryllium	9-1	2.79	2.80	2.61	2.73	3.85	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.20	7.54	7.69	7.48	3.40	ppb
Cadmium	106-1	7.75	8.04	7.58	7.79	2.98	ppb
Cadmium	111-1	7.42	7.29	7.31	7.34	0.95	ppb
Calcium	43-1	10701.19	10814.10	10744.11	10753.14	0.53	ppb
Calcium	44-1	10311.70	10291.74	10329.79	10311.08	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	354.53	354.58	356.85	355.32	0.37	ppb
Cobalt	59-2	105.63	107.70	106.45	106.59	0.98	ppb
Copper	63-2	896.19	913.66	885.96	898.60	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				108		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	171124.06	171723.63	171350.34	171399.34	0.18	ppb
Iron	57-2	168815.46	171386.96	169923.19	170041.87	0.76	ppb
Iron	54-2	172532.79	171088.95	172872.63	172164.79	0.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:22:59	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	206.77	209.74	210.60	209.04	0.96	ppb
Lead	207-1	217.03	213.75	213.85	214.87	0.87	ppb
Lead	208-1	211.25	209.13	210.42	210.26	0.51	ppb
Lithium	6-1				102		%
Magnesium	24-2	56686.58	58570.30	56956.95	57404.61	1.77	ppb
Manganese	55-2	3170.01	3203.54	3208.35	3193.97	0.65	ppb
Molybdenum	94-1	7.59	7.64	7.65	7.63	0.37	ppb
Molybdenum	95-1	0.36	0.39	0.39	0.38	3.70	ppb
Molybdenum	96-1	2.46	2.46	2.40	2.44	1.35	ppb
Molybdenum	97-1	0.45	0.36	0.38	0.40	11.31	ppb
Molybdenum	98-1	0.33	0.33	0.34	0.33	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	196.63	202.13	196.93	198.56	1.56	ppb
Phosphorus	31-2	857.15	878.58	857.02	864.25	1.44	ppb
Potassium	39-2	1880.07	1885.93	1881.36	1882.45	0.16	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				117		%
Scandium	45-2				112		%
Selenium	82-1	11.67	12.08	12.01	11.92	1.82	ppb
Selenium	77-2	17.29	19.27	20.45	19.00	8.42	ppb
Selenium	78-2	11.47	11.75	12.09	11.77	2.65	ppb
Silicon	28-1	8175.22	8292.34	8344.92	8270.83	1.05	ppb
Silver	107-1	3.22	3.29	3.34	3.28	1.73	ppb
Silver	109-1	3.26	3.31	3.29	3.29	0.80	ppb
Sodium	23-2	167.11	174.62	172.30	171.34	2.25	ppb
Strontium	86-1	1184.75	1192.30	1191.17	1189.41	0.34	ppb
Strontium	88-1	1242.02	1221.85	1211.02	1224.97	1.28	ppb
Sulfur	34-1	-1408.23	-1370.82	-1364.80	-1381.28		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	2.03	2.02	2.10	2.05	2.07	ppb
Thallium	205-1	2.02	2.04	2.08	2.05	1.58	ppb
Tin	118-1	0.62	0.63	0.61	0.62	1.55	ppb
Titanium	47-1	1242.61	1228.50	1210.12	1227.08	1.33	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:22:59	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.59	0.62	0.61	2.76	ppb
Vanadium	51-2	453.13	451.14	456.37	453.55	0.58	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	559.48	574.01	560.30	564.60	1.45	ppb
Zirconium	90-1	3.94	3.99	4.03	3.99	1.14	ppb
Zirconium	91-1	4.06	4.19	4.09	4.11	1.69	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5186-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:25:59	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47904.62	48022.68	48210.99	48046.10	0.32	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	13.42	ppb
Arsenic	75-2	52.73	52.34	52.20	52.43	0.52	ppb
Barium	135-1	74.54	74.70	75.41	74.88	0.61	ppb
Barium	137-1	75.05	74.77	75.94	75.26	0.81	ppb
Beryllium	9-1	0.43	0.47	0.49	0.46	6.11	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.61	0.82	0.58	0.67	19.41	ppb
Cadmium	106-1	1.54	0.69	1.38	1.20	37.61	ppb
Cadmium	111-1	0.50	0.43	0.49	0.47	8.04	ppb
Calcium	43-1	11249.75	11523.45	11416.20	11396.47	1.21	ppb
Calcium	44-1	10754.85	11009.82	10838.01	10867.56	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139.08	139.35	139.50	139.31	0.15	ppb
Cobalt	59-2	71.02	70.68	70.67	70.79	0.28	ppb
Copper	63-2	323.29	321.39	322.13	322.27	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				109		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	121176.86	121464.95	121850.75	121497.52	0.28	ppb
Iron	57-2	120459.24	119971.11	120591.85	120340.73	0.27	ppb
Iron	54-2	120453.74	120969.37	121481.06	120968.06	0.42	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5186-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:25:59	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.09	12.72	12.93	12.91	1.46	ppb
Lead	207-1	12.73	12.38	12.76	12.62	1.69	ppb
Lead	208-1	12.65	12.42	12.75	12.61	1.34	ppb
Lithium	6-1				102		%
Magnesium	24-2	34838.50	34781.33	34884.81	34834.88	0.15	ppb
Manganese	55-2	1562.68	1560.96	1562.72	1562.12	0.06	ppb
Molybdenum	94-1	1.88	1.84	1.88	1.87	1.27	ppb
Molybdenum	95-1	0.23	0.25	0.24	0.24	4.29	ppb
Molybdenum	96-1	1.24	1.32	1.26	1.27	3.39	ppb
Molybdenum	97-1	0.23	0.20	0.20	0.21	8.81	ppb
Molybdenum	98-1	0.19	0.21	0.20	0.20	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	232.10	230.56	232.62	231.76	0.46	ppb
Phosphorus	31-2	1141.33	1146.39	1142.43	1143.38	0.23	ppb
Potassium	39-2	1729.20	1727.20	1747.63	1734.68	0.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	0.44	0.39	0.00	0.28	88.26	ppb
Selenium	77-2	4.94	5.25	6.01	5.40	10.23	ppb
Selenium	78-2	-0.20	0.22	0.37	0.13	224.26	ppb
Silicon	28-1	900.74	933.61	935.04	923.13	2.10	ppb
Silver	107-1	1.96	2.01	2.05	2.01	2.40	ppb
Silver	109-1	1.97	2.01	2.02	2.00	1.35	ppb
Sodium	23-2	266.12	266.47	268.39	266.99	0.46	ppb
Strontium	86-1	1199.73	1223.58	1200.23	1207.85	1.13	ppb
Strontium	88-1	1230.92	1236.87	1247.68	1238.49	0.69	ppb
Sulfur	34-1	-1245.21	-1134.55	-1138.26	-1172.68		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.06	0.06	0.06	13.73	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	3.79	ppb
Tin	118-1	0.33	0.32	0.32	0.32	1.65	ppb
Titanium	47-1	573.75	581.87	583.92	579.85	0.93	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5186-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:25:59	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.29	0.29	0.29	2.28	ppb
Vanadium	51-2	650.82	645.87	642.91	646.53	0.62	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	170.68	172.01	170.48	171.05	0.48	ppb
Zirconium	90-1	0.89	0.90	0.89	0.89	0.65	ppb
Zirconium	91-1	0.91	0.92	0.90	0.91	1.15	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BL	Instrumnet Name :	P7
Client Sample ID :	PBW674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:29:08	DataFile Name :	166CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.92	2.01	1.09	2.01	45.46	ppb
Antimony	121-1	-0.01	-0.02	-0.01	-0.01		ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.09	-0.09	-0.09	-0.09		ppb
Barium	137-1	-0.09	-0.09	-0.10	-0.09		ppb
Beryllium	9-1	-0.04	-0.06	-0.04	-0.05		ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.07	-0.03	-0.04	-0.05		ppb
Cadmium	106-1	0.47	-0.32	-0.17	-0.01		ppb
Cadmium	111-1	0.01	-0.05	-0.03	-0.03		ppb
Calcium	43-1	-10.15	-10.93	-9.31	-10.13		ppb
Calcium	44-1	-14.33	-14.29	-14.03	-14.22		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	-0.04	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.32	0.30	0.32	0.32	4.00	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				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	8.57	6.36	4.06	6.33	35.56	ppb
Iron	57-2	7.08	4.48	3.12	4.89	41.11	ppb
Iron	54-2	8.70	5.73	3.26	5.90	46.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BL	Instrumnet Name :	P7
Client Sample ID :	PBW674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:29:08	DataFile Name :	166CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.09	-0.08	-0.09	-0.08		ppb
Lead	207-1	-0.09	-0.09	-0.10	-0.09		ppb
Lead	208-1	-0.09	-0.09	-0.09	-0.09		ppb
Lithium	6-1				98		%
Magnesium	24-2	-7.19	-7.83	-7.93	-7.65		ppb
Manganese	55-2	-0.03	-0.05	-0.08	-0.05		ppb
Molybdenum	94-1	-0.19	-0.20	-0.19	-0.19		ppb
Molybdenum	95-1	-0.20	-0.21	-0.20	-0.20		ppb
Molybdenum	96-1	-0.20	-0.20	-0.20	-0.20		ppb
Molybdenum	97-1	-0.21	-0.21	-0.21	-0.21		ppb
Molybdenum	98-1	-0.19	-0.20	-0.20	-0.20		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.05	0.06	0.06	23.22	ppb
Phosphorus	31-2	-19.93	-19.95	-18.38	-19.42		ppb
Potassium	39-2	-8.51	-7.83	-9.19	-8.51		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	-0.48	-0.42	-0.46	-0.45		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-1.95	-1.20	-1.27	-1.48		ppb
Silicon	28-1	-91.09	-87.25	-86.85	-88.40		ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	-9.24	-9.10	-9.35	-9.23		ppb
Strontium	86-1	0.18	0.00	0.15	0.11	87.29	ppb
Strontium	88-1	-0.23	-0.28	-0.26	-0.26		ppb
Sulfur	34-1	-931.13	-830.16	-779.08	-846.79		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.01	0.00	413.34	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	31.62	ppb
Tin	118-1	0.02	0.01	0.00	0.01	70.63	ppb
Titanium	47-1	-0.13	-0.15	-0.10	-0.13		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BL	Instrumnet Name :	P7
Client Sample ID :	PBW674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:29:08	DataFile Name :	166CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	13.11	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.07	-0.04	-0.01	0.01	805.76	ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.02	-0.02	-0.02	-0.02		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BS	Instrumnet Name :	P7
Client Sample ID :	LCS674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:32:25	DataFile Name :	167LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.74	36.16	36.18	36.03	0.69	ppb
Antimony	121-1	3.86	3.93	3.95	3.91	1.28	ppb
Arsenic	75-2	2.04	2.21	2.06	2.10	4.40	ppb
Barium	135-1	18.29	18.74	19.08	18.71	2.11	ppb
Barium	137-1	18.70	18.76	19.24	18.90	1.58	ppb
Beryllium	9-1	1.83	2.02	1.93	1.93	5.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.12	1.88	2.16	2.05	7.39	ppb
Cadmium	106-1	2.11	1.37	2.17	1.88	23.61	ppb
Cadmium	111-1	1.92	2.02	2.00	1.98	2.59	ppb
Calcium	43-1	968.46	1000.71	1015.12	994.76	2.40	ppb
Calcium	44-1	988.21	1009.02	1001.52	999.58	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.76	3.65	3.76	3.72	1.66	ppb
Cobalt	59-2	1.95	1.93	1.95	1.94	0.49	ppb
Copper	63-2	4.13	4.29	4.28	4.23	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				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	398.12	398.31	401.90	399.45	0.53	ppb
Iron	57-2	403.06	405.93	404.90	404.63	0.36	ppb
Iron	54-2	408.54	409.05	406.68	408.09	0.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BS	Instrumnet Name :	P7
Client Sample ID :	LCS674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:32:25	DataFile Name :	167LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.67	1.73	1.74	1.71	2.31	ppb
Lead	207-1	1.64	1.66	1.74	1.68	3.03	ppb
Lead	208-1	1.67	1.68	1.72	1.69	1.65	ppb
Lithium	6-1				98		%
Magnesium	24-2	913.81	910.29	904.88	909.66	0.49	ppb
Manganese	55-2	1.81	1.74	1.77	1.77	1.80	ppb
Molybdenum	94-1	10.66	10.72	11.20	10.86	2.74	ppb
Molybdenum	95-1	8.87	9.03	9.08	9.00	1.23	ppb
Molybdenum	96-1	9.10	9.18	9.38	9.22	1.59	ppb
Molybdenum	97-1	8.83	9.05	9.39	9.09	3.12	ppb
Molybdenum	98-1	8.94	9.02	9.26	9.07	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	2.00	2.00	2.02	1.94	ppb
Phosphorus	31-2	30.30	28.62	33.90	30.94	8.72	ppb
Potassium	39-2	980.79	984.49	986.66	983.98	0.30	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	9.81	9.26	9.60	9.56	2.88	ppb
Selenium	77-2	8.91	10.31	10.28	9.83	8.10	ppb
Selenium	78-2	9.25	9.16	11.40	9.94	12.76	ppb
Silicon	28-1	-66.87	-63.83	-63.20	-64.63		ppb
Silver	107-1	1.99	1.99	2.06	2.01	1.90	ppb
Silver	109-1	1.93	1.97	2.00	1.97	1.84	ppb
Sodium	23-2	898.36	898.43	899.48	898.76	0.07	ppb
Strontium	86-1	46.00	46.49	48.05	46.85	2.29	ppb
Strontium	88-1	46.24	47.26	47.87	47.13	1.75	ppb
Sulfur	34-1	-720.98	-630.39	-585.88	-645.75		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1.74	1.82	1.85	1.80	2.92	ppb
Thallium	205-1	1.77	1.78	1.83	1.79	1.70	ppb
Tin	118-1	9.88	10.03	10.12	10.01	1.23	ppb
Titanium	47-1	2.02	1.97	2.06	2.01	2.28	ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BS	Instrumnet Name :	P7
Client Sample ID :	LCS674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:32:25	DataFile Name :	167LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.63	1.65	1.67	1.65	1.28	ppb
Vanadium	51-2	9.58	9.87	9.55	9.67	1.86	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	9.77	10.05	9.90	9.91	1.40	ppb
Zirconium	90-1	1.79	1.82	1.85	1.82	1.69	ppb
Zirconium	91-1	1.81	1.82	1.82	1.82	0.24	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-01	Instrumnet Name :	P7
Client Sample ID :	MYCPM3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:35:42	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.26	1.58	1.47	1.44	11.39	ppb
Antimony	121-1	-0.01	-0.02	-0.02	-0.02		ppb
Arsenic	75-2	-0.02	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.76	0.72	0.74	0.74	2.65	ppb
Barium	137-1	0.70	0.74	0.68	0.71	4.37	ppb
Beryllium	9-1	-0.05	-0.07	-0.06	-0.06		ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Cadmium	106-1	-0.08	-0.49	-1.12	-0.56		ppb
Cadmium	111-1	-0.03	-0.06	-0.10	-0.06		ppb
Calcium	43-1	22.15	22.30	22.29	22.25	0.38	ppb
Calcium	44-1	16.80	16.95	18.30	17.35	4.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.06	0.10	0.08	21.09	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.13	-0.11	-0.12	-0.12		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				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	32.46	32.20	32.24	32.30	0.43	ppb
Iron	57-2	31.75	29.88	32.10	31.24	3.82	ppb
Iron	54-2	32.50	32.41	34.72	33.21	3.94	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-01	Instrumnet Name :	P7
Client Sample ID :	MYCPM3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:35:42	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.05	0.03	0.03	28.76	ppb
Lead	207-1	0.03	0.04	0.03	0.03	15.03	ppb
Lead	208-1	0.03	0.03	0.02	0.03	15.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	-8.49	-8.75	-8.27	-8.50		ppb
Manganese	55-2	1.52	1.53	1.56	1.54	1.38	ppb
Molybdenum	94-1	-0.19	-0.18	-0.19	-0.19		ppb
Molybdenum	95-1	-0.20	-0.20	-0.19	-0.19		ppb
Molybdenum	96-1	-0.20	-0.20	-0.19	-0.20		ppb
Molybdenum	97-1	-0.20	-0.20	-0.20	-0.20		ppb
Molybdenum	98-1	-0.19	-0.18	-0.19	-0.19		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	0.00	-0.02		ppb
Phosphorus	31-2	-19.71	-20.42	-18.51	-19.55		ppb
Potassium	39-2	-0.50	-2.37	-1.32	-1.40		ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	-0.17	0.28	-0.02	0.03	769.24	ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.51	-0.90	0.03	-0.46		ppb
Silicon	28-1	-84.22	-80.57	-77.97	-80.92		ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	75.88	76.86	78.00	76.91	1.38	ppb
Strontium	86-1	0.81	1.37	0.70	0.96	37.22	ppb
Strontium	88-1	0.88	0.96	0.82	0.89	8.38	ppb
Sulfur	34-1	-795.40	-723.62	-653.24	-724.09		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.14	0.15	0.15	0.15	5.27	ppb
Titanium	47-1	-0.10	-0.09	-0.08	-0.09		ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-01	Instrumnet Name :	P7
Client Sample ID :	MYCPM3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:35:42	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.33	2.32	2.60	2.41	6.63	ppb
Zirconium	90-1	-0.01	-0.01	-0.02	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-02	Instrumnet Name :	P7
Client Sample ID :	MYCPM7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:38:58	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	-0.09	0.39	0.01	2785.04	ppb
Antimony	121-1	-0.02	-0.01	-0.02	-0.02		ppb
Arsenic	75-2	-0.03	-0.03	-0.01	-0.02		ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.03	-0.03	-0.02	-0.03		ppb
Beryllium	9-1	-0.07	-0.07	-0.06	-0.07		ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	-0.03	-0.06	-0.04		ppb
Cadmium	106-1	-0.19	-0.30	-0.28	-0.26		ppb
Cadmium	111-1	-0.04	-0.05	-0.04	-0.04		ppb
Calcium	43-1	31.27	29.57	29.44	30.09	3.39	ppb
Calcium	44-1	27.19	25.92	26.78	26.63	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.80	0.84	0.80	4.23	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.14	-0.17	-0.15	-0.15		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				105		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	0.38	-0.07	0.04	0.12	202.90	ppb
Iron	57-2	-0.14	-1.05	-0.05	-0.41		ppb
Iron	54-2	0.38	-0.38	-0.20	-0.07		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-02	Instrumnet Name :	P7
Client Sample ID :	MYCPM7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:38:58	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.09	-0.09	-0.09	-0.09		ppb
Lead	207-1	-0.09	-0.10	-0.09	-0.09		ppb
Lead	208-1	-0.09	-0.09	-0.09	-0.09		ppb
Lithium	6-1				100		%
Magnesium	24-2	-7.99	-8.32	-8.28	-8.20		ppb
Manganese	55-2	0.49	0.53	0.49	0.50	4.52	ppb
Molybdenum	94-1	-0.20	-0.20	-0.20	-0.20		ppb
Molybdenum	95-1	-0.20	-0.19	-0.19	-0.20		ppb
Molybdenum	96-1	-0.20	-0.20	-0.20	-0.20		ppb
Molybdenum	97-1	-0.21	-0.21	-0.21	-0.21		ppb
Molybdenum	98-1	-0.19	-0.19	-0.19	-0.19		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.76	0.76	0.75	2.19	ppb
Phosphorus	31-2	-19.63	-19.66	-18.21	-19.17		ppb
Potassium	39-2	-5.49	-6.68	-4.94	-5.70		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.12	-0.01	0.00	0.04	176.85	ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.97	-0.71	0.04	-0.55		ppb
Silicon	28-1	-84.78	-82.86	-80.86	-82.83		ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	12.91	13.42	12.95	13.09	2.16	ppb
Strontium	86-1	0.54	0.63	0.66	0.61	9.57	ppb
Strontium	88-1	0.48	0.47	0.48	0.48	0.62	ppb
Sulfur	34-1	-674.76	-687.09	-621.59	-661.14		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.04	0.06	0.05	0.05	27.66	ppb
Titanium	47-1	-0.13	-0.13	-0.11	-0.12		ppb

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-02	Instrumnet Name :	P7
Client Sample ID :	MYCPM7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:38:58	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.59	0.61	0.62	0.61	2.52	ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.02	-0.02	-0.02	-0.02		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-03	Instrumnet Name :	P7
Client Sample ID :	MYCPN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:42:16	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	0.70	0.61	0.70	11.87	ppb
Antimony	121-1	-0.02	-0.02	-0.02	-0.02		ppb
Arsenic	75-2	-0.02	-0.03	-0.04	-0.03		ppb
Barium	135-1	0.03	0.03	0.02	0.03	8.02	ppb
Barium	137-1	0.05	0.03	0.02	0.03	38.10	ppb
Beryllium	9-1	-0.06	-0.06	-0.05	-0.06		ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.07	-0.03	-0.06	-0.05		ppb
Cadmium	106-1	-0.38	0.02	0.11	-0.08		ppb
Cadmium	111-1	-0.05	-0.03	-0.02	-0.03		ppb
Calcium	43-1	3.13	5.23	5.50	4.62	28.13	ppb
Calcium	44-1	-0.97	2.51	2.63	1.39	147.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.91	2.86	2.92	2.90	1.18	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.16	-0.16	-0.15	-0.15		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				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	10.69	10.61	10.61	10.64	0.42	ppb
Iron	57-2	8.78	9.86	10.63	9.75	9.53	ppb
Iron	54-2	12.86	11.65	11.41	11.97	6.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-03	Instrumnet Name :	P7
Client Sample ID :	MYCPN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:42:16	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.10	-0.10	-0.09	-0.10		ppb
Lead	207-1	-0.10	-0.10	-0.10	-0.10		ppb
Lead	208-1	-0.11	-0.10	-0.10	-0.10		ppb
Lithium	6-1				102		%
Magnesium	24-2	-8.76	-9.02	-8.99	-8.92		ppb
Manganese	55-2	0.50	0.48	0.50	0.49	2.51	ppb
Molybdenum	94-1	-0.16	-0.16	-0.15	-0.16		ppb
Molybdenum	95-1	-0.15	-0.15	-0.16	-0.15		ppb
Molybdenum	96-1	-0.15	-0.15	-0.16	-0.16		ppb
Molybdenum	97-1	-0.17	-0.17	-0.16	-0.17		ppb
Molybdenum	98-1	-0.15	-0.15	-0.15	-0.15		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.61	0.69	0.66	7.61	ppb
Phosphorus	31-2	-20.60	-17.00	-16.18	-17.93		ppb
Potassium	39-2	-7.63	-7.54	-7.98	-7.72		ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	0.19	-0.14	-0.13	-0.03		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-1.41	-0.64	-0.39	-0.81		ppb
Silicon	28-1	-88.27	-82.09	-80.11	-83.49		ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	20.62	20.24	19.85	20.24	1.90	ppb
Strontium	86-1	0.61	0.03	-0.25	0.13	333.90	ppb
Strontium	88-1	0.12	0.19	0.16	0.16	24.23	ppb
Sulfur	34-1	-854.79	-682.24	-561.89	-699.64		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.04	0.06	0.05	0.05	26.07	ppb
Titanium	47-1	-0.05	-0.12	-0.09	-0.09		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-03	Instrumnet Name :	P7
Client Sample ID :	MYCPN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:42:16	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	0.83	0.76	0.73	0.77	6.81	ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb
Zirconium	91-1	-0.01	-0.03	-0.01	-0.02		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-04	Instrumnet Name :	P7
Client Sample ID :	MYD034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:45:32	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	-0.43	-0.49	-0.41		ppb
Antimony	121-1	-0.02	-0.02	-0.02	-0.02		ppb
Arsenic	75-2	-0.02	-0.02	-0.03	-0.02		ppb
Barium	135-1	-0.07	-0.07	-0.06	-0.07		ppb
Barium	137-1	-0.06	-0.07	-0.07	-0.07		ppb
Beryllium	9-1	-0.05	-0.06	-0.06	-0.06		ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.07	-0.04	-0.06	-0.06		ppb
Cadmium	106-1	-0.06	-0.31	-0.44	-0.27		ppb
Cadmium	111-1	-0.03	-0.05	-0.05	-0.04		ppb
Calcium	43-1	5.80	3.52	4.92	4.75	24.24	ppb
Calcium	44-1	0.95	1.13	1.01	1.03	8.78	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	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	-0.16	-0.12	-0.13	-0.14		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				106		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	-1.16	-1.13	-1.09	-1.12		ppb
Iron	57-2	-1.33	-2.41	-1.45	-1.73		ppb
Iron	54-2	-2.47	-1.63	-1.10	-1.74		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-04	Instrumnet Name :	P7
Client Sample ID :	MYD034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:45:32	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.12	-0.12	-0.12	-0.12		ppb
Lead	207-1	-0.11	-0.12	-0.11	-0.11		ppb
Lead	208-1	-0.12	-0.12	-0.12	-0.12		ppb
Lithium	6-1				101		%
Magnesium	24-2	-9.85	-9.83	-9.92	-9.87		ppb
Manganese	55-2	0.99	1.00	1.02	1.00	1.63	ppb
Molybdenum	94-1	-0.20	-0.20	-0.20	-0.20		ppb
Molybdenum	95-1	-0.20	-0.20	-0.19	-0.20		ppb
Molybdenum	96-1	-0.19	-0.20	-0.20	-0.20		ppb
Molybdenum	97-1	-0.20	-0.21	-0.20	-0.20		ppb
Molybdenum	98-1	-0.19	-0.19	-0.19	-0.19		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.07	-0.04	-0.06		ppb
Phosphorus	31-2	-17.59	-19.24	-18.32	-18.38		ppb
Potassium	39-2	-6.35	-6.94	-5.95	-6.41		ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	-0.30	-0.28	0.00	-0.19		ppb
Selenium	77-2	0.05	-0.10	-0.10	-0.05		ppb
Selenium	78-2	-0.20	-0.89	-0.03	-0.37		ppb
Silicon	28-1	-84.87	-84.83	-84.42	-84.71		ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	28.02	29.36	28.08	28.49	2.66	ppb
Strontium	86-1	0.35	-0.03	0.33	0.21	100.36	ppb
Strontium	88-1	0.10	0.00	0.07	0.06	90.01	ppb
Sulfur	34-1	-546.43	-552.41	-533.55	-544.13		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.10	0.12	0.12	0.11	12.02	ppb
Titanium	47-1	-0.11	-0.14	-0.13	-0.13		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-04	Instrumnet Name :	P7
Client Sample ID :	MYD034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:45:32	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.88	0.81	0.82	0.83	4.72	ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.02	-0.02	-0.02	-0.02		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-05	Instrumnet Name :	P7
Client Sample ID :	MYD037	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:48:50	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	1.14	0.80	0.77	49.12	ppb
Antimony	121-1	-0.02	-0.01	-0.02	-0.02		ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.04	0.09	0.08	0.07	37.91	ppb
Barium	137-1	0.08	0.06	0.06	0.07	16.79	ppb
Beryllium	9-1	-0.07	-0.06	-0.07	-0.07		ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.08	-0.07	-0.07	-0.07		ppb
Cadmium	106-1	0.41	0.36	0.21	0.33	32.13	ppb
Cadmium	111-1	0.00	0.00	-0.01	0.00		ppb
Calcium	43-1	105.47	104.73	102.34	104.18	1.57	ppb
Calcium	44-1	98.95	101.64	100.00	100.20	1.35	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	13.39	ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.10	-0.09	-0.12	-0.10		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				106		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	2.91	2.64	2.83	2.79	5.02	ppb
Iron	57-2	2.49	2.11	3.17	2.59	20.81	ppb
Iron	54-2	2.87	2.34	2.39	2.53	11.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-05	Instrumnet Name :	P7
Client Sample ID :	MYD037	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:48:50	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.11	-0.11	-0.11	-0.11		ppb
Lead	207-1	-0.10	-0.11	-0.10	-0.11		ppb
Lead	208-1	-0.11	-0.11	-0.11	-0.11		ppb
Lithium	6-1				101		%
Magnesium	24-2	18.27	19.16	18.75	18.73	2.37	ppb
Manganese	55-2	0.97	0.92	1.00	0.96	4.27	ppb
Molybdenum	94-1	-0.17	-0.17	-0.18	-0.18		ppb
Molybdenum	95-1	-0.17	-0.18	-0.18	-0.18		ppb
Molybdenum	96-1	-0.18	-0.17	-0.18	-0.18		ppb
Molybdenum	97-1	-0.19	-0.19	-0.19	-0.19		ppb
Molybdenum	98-1	-0.17	-0.16	-0.17	-0.17		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.03	0.02	56.48	ppb
Phosphorus	31-2	-16.03	-16.73	-15.81	-16.19		ppb
Potassium	39-2	-0.55	-1.47	-0.25	-0.76		ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.02	-0.10	-0.52	-0.20		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-1.80	-0.14	-0.37	-0.77		ppb
Silicon	28-1	-65.07	-62.14	-61.82	-63.01		ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	144.69	145.77	147.13	145.86	0.84	ppb
Strontium	86-1	23.93	24.89	24.16	24.33	2.06	ppb
Strontium	88-1	23.91	24.24	23.95	24.03	0.74	ppb
Sulfur	34-1	-471.78	-391.07	-381.21	-414.69		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.04	0.04	0.04	0.04	3.43	ppb
Titanium	47-1	-0.11	-0.10	-0.09	-0.10		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-05	Instrumnet Name :	P7
Client Sample ID :	MYD037	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:48:50	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	26.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1.16	1.27	1.31	1.24	6.25	ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb
Zirconium	91-1	-0.03	-0.01	-0.01	-0.02		ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:52:05	DataFile Name :	173CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50938.16	50565.61	50694.67	50732.81	0.37	ppb
Antimony	121-1	494.36	491.64	500.54	495.52	0.92	ppb
Arsenic	75-2	507.04	504.44	506.12	505.87	0.26	ppb
Barium	135-1	2508.85	2492.56	2531.15	2510.85	0.77	ppb
Barium	137-1	2506.91	2521.35	2526.92	2518.39	0.41	ppb
Beryllium	9-1	476.96	487.91	483.59	482.82	1.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	493.22	487.98	494.48	491.89	0.70	ppb
Cadmium	106-1	491.70	490.35	504.84	495.63	1.62	ppb
Cadmium	111-1	490.86	485.74	478.88	485.16	1.24	ppb
Calcium	43-1	249635.63	252784.37	255135.44	252518.48	1.09	ppb
Calcium	44-1	247628.54	253309.99	253154.87	251364.47	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.12	493.94	496.88	496.98	0.62	ppb
Cobalt	59-2	488.95	487.31	487.26	487.84	0.20	ppb
Copper	63-2	4770.57	4776.78	4716.34	4754.56	0.70	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				90		%
Indium	115-2				86		%
Iron	56-2	128788.27	128275.26	128358.35	128473.96	0.21	ppb
Iron	57-2	128792.98	127342.97	126640.16	127592.04	0.86	ppb
Iron	54-2	127883.70	128374.42	127736.01	127998.04	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:52:05	DataFile Name :	173CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2558.05	2546.48	2536.97	2547.17	0.41	ppb
Lead	207-1	2533.70	2533.10	2497.70	2521.50	0.82	ppb
Lead	208-1	2532.71	2527.71	2499.23	2519.88	0.72	ppb
Lithium	6-1				95		%
Magnesium	24-2	251675.60	251004.95	250778.17	251152.91	0.19	ppb
Manganese	55-2	4948.21	4933.48	4963.32	4948.34	0.30	ppb
Molybdenum	94-1	4953.22	5003.10	5137.02	5031.11	1.89	ppb
Molybdenum	95-1	4947.06	4986.67	5095.86	5009.86	1.54	ppb
Molybdenum	96-1	4988.93	5030.50	5107.96	5042.46	1.20	ppb
Molybdenum	97-1	4907.34	5016.42	5136.23	5020.00	2.28	ppb
Molybdenum	98-1	4909.05	4972.74	5101.06	4994.28	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.15	466.70	466.54	466.46	0.06	ppb
Phosphorus	31-2	9884.92	9764.10	9869.22	9839.41	0.67	ppb
Potassium	39-2	123503.19	122863.05	122916.73	123094.32	0.29	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				83		%
Selenium	82-1	493.37	500.60	512.68	502.22	1.94	ppb
Selenium	77-2	492.78	501.31	498.92	497.67	0.88	ppb
Selenium	78-2	498.82	501.68	500.00	500.16	0.29	ppb
Silicon	28-1	447.24	480.09	478.02	468.45	3.93	ppb
Silver	107-1	490.85	486.33	498.34	491.84	1.23	ppb
Silver	109-1	493.87	490.43	499.85	494.72	0.96	ppb
Sodium	23-2	247374.42	249752.55	246439.08	247855.35	0.69	ppb
Strontium	86-1	12560.81	12687.23	12832.21	12693.41	1.07	ppb
Strontium	88-1	12448.88	12507.60	12596.40	12517.63	0.59	ppb
Sulfur	34-1	9551.74	9906.32	10096.70	9851.59	2.81	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	517.81	509.13	510.32	512.42	0.92	ppb
Thallium	205-1	516.89	513.48	506.04	512.13	1.08	ppb
Tin	118-1	506.54	496.33	506.13	503.00	1.15	ppb
Titanium	47-1	4777.81	4920.59	4953.25	4883.88	1.91	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:52:05	DataFile Name :	173CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	512.73	506.27	502.08	507.03	1.06	ppb
Vanadium	51-2	507.91	498.08	501.33	502.44	1.00	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%
Zinc	66-2	4728.03	4715.19	4658.81	4700.68	0.78	ppb
Zirconium	90-1	493.00	500.69	497.39	497.03	0.78	ppb
Zirconium	91-1	493.81	498.14	511.70	501.22	1.86	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:54:49	DataFile Name :	174CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	1.43	0.98	1.50	36.95	ppb
Antimony	121-1	0.20	0.18	0.15	0.18	12.97	ppb
Arsenic	75-2	0.04	0.04	-0.01	0.02	126.29	ppb
Barium	135-1	0.30	0.27	0.19	0.25	23.27	ppb
Barium	137-1	0.27	0.26	0.22	0.25	10.07	ppb
Beryllium	9-1	0.08	0.04	0.01	0.04	80.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.04	0.05	0.03	96.60	ppb
Cadmium	106-1	0.33	0.08	0.09	0.17	83.17	ppb
Cadmium	111-1	0.10	0.08	0.05	0.08	33.25	ppb
Calcium	43-1	32.65	33.92	21.08	29.22	24.23	ppb
Calcium	44-1	28.60	25.29	18.83	24.24	20.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	0.01	0.01	108.71	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	53.15	ppb
Copper	63-2	0.61	0.56	0.48	0.55	11.40	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				102		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	6.67	5.14	3.56	5.12	30.34	ppb
Iron	57-2	4.57	3.04	1.86	3.16	42.90	ppb
Iron	54-2	5.66	4.61	2.96	4.41	30.78	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:54:49	DataFile Name :	174CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.31	0.26	0.21	0.26	18.46	ppb
Lead	207-1	0.30	0.27	0.21	0.26	17.40	ppb
Lead	208-1	0.29	0.27	0.20	0.25	18.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	11.22	8.58	5.73	8.51	32.28	ppb
Manganese	55-2	0.25	0.16	0.14	0.19	31.99	ppb
Molybdenum	94-1	0.72	0.66	0.53	0.64	15.40	ppb
Molybdenum	95-1	0.70	0.60	0.49	0.60	17.22	ppb
Molybdenum	96-1	0.68	0.62	0.51	0.60	14.48	ppb
Molybdenum	97-1	0.74	0.62	0.43	0.59	26.39	ppb
Molybdenum	98-1	0.69	0.61	0.48	0.60	17.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.06	0.03	0.04	39.03	ppb
Phosphorus	31-2	-20.53	-19.06	-19.07	-19.55		ppb
Potassium	39-2	8.61	4.19	3.67	5.49	49.46	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	82-1	-0.13	-0.22	0.00	-0.12		ppb
Selenium	77-2	0.06	-0.10	0.06	0.01	1326.03	ppb
Selenium	78-2	-0.97	-1.56	-1.99	-1.51		ppb
Silicon	28-1	-94.88	-93.49	-93.94	-94.11		ppb
Silver	107-1	0.11	0.08	0.07	0.09	18.77	ppb
Silver	109-1	0.10	0.09	0.08	0.09	12.95	ppb
Sodium	23-2	18.91	15.12	12.47	15.50	20.87	ppb
Strontium	86-1	1.15	1.71	1.47	1.45	19.40	ppb
Strontium	88-1	1.70	1.39	1.11	1.40	21.13	ppb
Sulfur	34-1	-201.44	-101.21	-67.59	-123.41		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.06	0.04	0.06	27.62	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	13.48	ppb
Tin	118-1	0.09	0.09	0.09	0.09	4.86	ppb
Titanium	47-1	0.67	0.61	0.41	0.57	23.75	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:54:49	DataFile Name :	174CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.04	0.05	21.34	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	29.20	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	0.47	0.49	0.34	0.43	19.56	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	13.18	ppb
Zirconium	91-1	0.08	0.06	0.04	0.06	35.97	ppb

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	997	903	850	917	8.10	cps
Antimony	121-1	333	290	317	313	6.98	cps
Arsenic	75-2	50	17	23	30	58.79	cps
Barium	135-1	343	353	520	406	24.47	cps
Barium	137-1	697	623	730	683	7.99	cps
Beryllium	9-1	113	130	160	134	17.59	cps
Bismuth	209-1	9065228	8951470	8868950	8961883	1.10	cps
Bismuth	209-2	7859693	7858569	7797653	7838638	0.45	cps
Bromine	81-1	16429	16379	15752	16187	2.33	cps
Bromine	81-2	193	187	183	188	2.71	cps
Cadmium	108-1	30	23	17	23	28.56	cps
Cadmium	106-1	3424	3450	3567	3480	2.19	cps
Cadmium	111-1	2477	2520	2590	2529	2.26	cps
Calcium	43-1	827	683	600	703	16.30	cps
Calcium	44-1	19950	17640	17460	18350	7.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1317	1323	1223	1288	4.34	cps
Cobalt	59-2	340	353	383	359	6.18	cps
Copper	63-2	2394	2197	2407	2332	5.04	cps
Dysprosium	156-1	27	33	47	36	28.64	cps
Dysprosium	156-2	0	13	13	9	86.60	cps
Erbium	164-1	37	73	67	59	33.16	cps
Erbium	164-2	40	50	47	46	11.18	cps
Gadolinium	160-1	27	50	43	40	30.04	cps
Gadolinium	160-2	543	610	690	614	11.95	cps
Holmium	165-1	15207699	14945602	14918723	15024008	1.06	cps
Holmium	165-2	11116303	10992641	10944792	11017912	0.80	cps
Indium	115-1	12926860	12819497	12854868	12867075	0.43	cps
Indium	115-2	4825271	4830984	4851686	4835980	0.29	cps
Iron	56-2	47615	48364	48311	48097	0.87	cps
Iron	57-2	2144	1817	1910	1957	8.60	cps
Iron	54-2	4254	4181	4331	4255	1.76	cps
Krypton	83-1	233	273	253	253	7.89	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1823	1817	1847	1829	0.86	cps
Lead	207-1	1530	1767	1547	1615	8.18	cps
Lead	208-1	7441	7504	7341	7429	1.11	cps
Lithium	6-1	1639746	1576169	1602943	1606286	1.99	cps
Magnesium	24-2	6568	6315	6545	6476	2.16	cps
Manganese	55-2	1410	1403	1323	1379	3.50	cps
Molybdenum	94-1	1277	1333	1243	1285	3.54	cps
Molybdenum	95-1	1513	1630	1543	1562	3.88	cps
Molybdenum	96-1	1710	1897	1780	1796	5.25	cps
Molybdenum	97-1	1037	993	1027	1019	2.23	cps
Molybdenum	98-1	2340	2524	2484	2449	3.94	cps
Neodymium	150-1	17	3	7	9	78.08	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	590	580	513	561	7.43	cps
Phosphorus	31-2	167	187	170	174	6.14	cps
Potassium	39-2	63783	65196	65149	64709	1.24	cps
Rhodium	103-1	12201881	12173633	12071223	12148912	0.57	cps
Rhodium	103-2	7317125	7398393	7301088	7338869	0.71	cps
Scandium	45-1	7143020	7148401	7193008	7161476	0.38	cps
Scandium	45-2	637212	640553	631737	636500	0.70	cps
Selenium	82-1	257	212	200	223	13.48	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	533	563	510	536	4.99	cps
Silicon	28-1	1217071	1228125	1210753	1218650	0.72	cps
Silver	107-1	439	479	476	465	4.78	cps
Silver	109-1	400	427	410	412	3.27	cps
Sodium	23-2	30570	31272	30554	30799	1.33	cps
Strontium	86-1	487	457	437	460	5.47	cps
Strontium	88-1	1073	950	1040	1021	6.25	cps
Sulfur	34-1	210013	211422	210549	210661	0.34	cps
Terbium	159-1	15586299	15245741	15326444	15386161	1.16	cps
Terbium	159-2	11008654	10900743	10918149	10942516	0.53	cps
Thallium	203-1	690	637	687	671	4.45	cps
Thallium	205-1	1337	1467	1497	1433	5.93	cps
Tin	118-1	2127	2207	2110	2148	2.41	cps
Titanium	47-1	433	513	503	483	9.02	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:04:22	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	700	643	770	704	9.01	cps
Vanadium	51-2	150	100	147	132	21.14	cps
Yttrium	89-1	15377204	15215798	15276099	15289700	0.53	cps
Yttrium	89-2	4177811	4197064	4124520	4166465	0.90	cps
Zinc	66-2	630	650	663	648	2.59	cps
Zirconium	90-1	1250	1070	1203	1175	7.95	cps
Zirconium	91-1	277	210	247	244	13.66	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7122	7292	7015	7143	1.95	cps
Antimony	121-1	30679	31030	30232	30647	1.31	cps
Arsenic	75-2	890	947	973	937	4.54	cps
Barium	135-1	37225	37155	37573	37318	0.60	cps
Barium	137-1	64803	64191	64887	64627	0.59	cps
Beryllium	9-1	1687	1717	1660	1688	1.68	cps
Bismuth	209-1	9195179	9499762	9535746	9410229	1.99	cps
Bismuth	209-2	8197264	8091039	8063214	8117172	0.87	cps
Bromine	81-1	17023	16826	17097	16982	0.82	cps
Bromine	81-2	163	130	207	167	23.07	cps
Cadmium	108-1	333	290	293	306	7.89	cps
Cadmium	106-1	4397	4307	3937	4214	5.79	cps
Cadmium	111-1	7027	6857	6749	6877	2.04	cps
Calcium	43-1	22196	22183	22530	22303	0.88	cps
Calcium	44-1	362421	365297	369237	365652	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14400	14400	14140	14314	1.05	cps
Cobalt	59-2	11211	10831	11118	11053	1.79	cps
Copper	63-2	15702	15545	15792	15679	0.80	cps
Dysprosium	156-1	17	30	27	24	28.38	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	87	77	53	72	23.69	cps
Erbium	164-2	30	67	27	41	53.99	cps
Gadolinium	160-1	53	63	57	58	8.81	cps
Gadolinium	160-2	717	747	730	731	2.06	cps
Holmium	165-1	15367199	15316472	15240906	15308192	0.42	cps
Holmium	165-2	11306761	11334669	11315301	11318910	0.13	cps
Indium	115-1	13338893	13161293	13193124	13231103	0.72	cps
Indium	115-2	5013240	4966764	5039790	5006598	0.74	cps
Iron	56-2	337540	335143	334462	335715	0.48	cps
Iron	57-2	9486	9386	9927	9600	2.99	cps
Iron	54-2	20841	20387	21035	20754	1.60	cps
Krypton	83-1	253	323	293	290	12.11	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11662	11935	11688	11762	1.28	cps
Lead	207-1	10207	9840	10050	10033	1.84	cps
Lead	208-1	46047	46732	46007	46262	0.88	cps
Lithium	6-1	1623996	1654734	1651456	1643395	1.03	cps
Magnesium	24-2	292153	292822	291633	292203	0.20	cps
Manganese	55-2	5851	5748	5608	5736	2.13	cps
Molybdenum	94-1	31263	32296	31678	31746	1.64	cps
Molybdenum	95-1	39533	39176	38551	39086	1.27	cps
Molybdenum	96-1	43093	43909	42792	43265	1.34	cps
Molybdenum	97-1	24107	24521	23956	24194	1.21	cps
Molybdenum	98-1	61181	62851	62315	62116	1.37	cps
Neodymium	150-1	10	10	7	9	21.63	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	3324	3244	3327	3298	1.43	cps
Phosphorus	31-2	663	760	803	742	9.66	cps
Potassium	39-2	441671	444822	444120	443537	0.37	cps
Rhodium	103-1	12456248	12486951	12685771	12542990	0.99	cps
Rhodium	103-2	7666884	7612951	7478767	7586201	1.28	cps
Scandium	45-1	7300173	7370621	7398761	7356518	0.69	cps
Scandium	45-2	654447	655940	647883	652757	0.66	cps
Selenium	82-1	1436	1370	1391	1399	2.42	cps
Selenium	77-2	137	120	133	130	6.79	cps
Selenium	78-2	1033	1097	1000	1043	4.71	cps
Silicon	28-1	1206438	1178946	1193046	1192810	1.15	cps
Silver	107-1	19746	20309	20179	20078	1.47	cps
Silver	109-1	18879	18358	18709	18649	1.42	cps
Sodium	23-2	463786	466169	466039	465331	0.29	cps
Strontium	86-1	5478	5491	5251	5407	2.50	cps
Strontium	88-1	43544	43267	43721	43511	0.53	cps
Sulfur	34-1	223230	221910	220829	221990	0.54	cps
Terbium	159-1	15722827	15921694	15646273	15763598	0.90	cps
Terbium	159-2	11270519	11289014	11117524	11225685	0.84	cps
Thallium	203-1	13216	13594	13684	13498	1.84	cps
Thallium	205-1	32910	33147	32659	32905	0.74	cps
Tin	118-1	66673	66084	65997	66251	0.56	cps
Titanium	47-1	9843	9700	9613	9719	1.20	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:10:54	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39141	38613	38636	38796	0.77	cps
Vanadium	51-2	28320	28467	28430	28406	0.27	cps
Yttrium	89-1	15514516	15924902	15872621	15770680	1.42	cps
Yttrium	89-2	4317503	4288698	4253876	4286692	0.74	cps
Zinc	66-2	7605	7345	7625	7525	2.08	cps
Zirconium	90-1	27202	27299	26738	27079	1.11	cps
Zirconium	91-1	5978	6091	5848	5972	2.04	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328563	326071	325525	326720	0.50	cps
Antimony	121-1	728383	736038	729357	731259	0.57	cps
Arsenic	75-2	40338	40114	39345	39932	1.30	cps
Barium	135-1	905410	904267	898398	902691	0.42	cps
Barium	137-1	1559522	1614062	1610993	1594859	1.92	cps
Beryllium	9-1	77984	79020	76973	77992	1.31	cps
Bismuth	209-1	9551605	9574623	9283567	9469932	1.71	cps
Bismuth	209-2	8120260	8244070	8123673	8162668	0.86	cps
Bromine	81-1	16376	16906	16573	16618	1.61	cps
Bromine	81-2	263	260	270	264	1.92	cps
Cadmium	108-1	14838	14854	14517	14736	1.29	cps
Cadmium	106-1	24370	24377	23876	24208	1.19	cps
Cadmium	111-1	203015	204450	202364	203276	0.53	cps
Calcium	43-1	208299	207218	207573	207697	0.27	cps
Calcium	44-1	3263614	3228696	3170030	3220780	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	301774	299002	300565	300447	0.46	cps
Cobalt	59-2	480187	478423	474706	477772	0.59	cps
Copper	63-2	3583437	3589083	3510343	3560954	1.23	cps
Dysprosium	156-1	27	33	50	37	32.78	cps
Dysprosium	156-2	67	63	80	70	12.60	cps
Erbium	164-1	67	70	90	76	16.70	cps
Erbium	164-2	77	43	33	51	44.40	cps
Gadolinium	160-1	60	53	53	56	6.93	cps
Gadolinium	160-2	650	667	667	661	1.46	cps
Holmium	165-1	15528166	15643364	15431594	15534375	0.68	cps
Holmium	165-2	11396452	11384023	11316483	11365653	0.38	cps
Indium	115-1	13351082	13087993	13158040	13199039	1.03	cps
Indium	115-2	4889563	4849518	4827816	4855632	0.65	cps
Iron	56-2	14167496	14039381	13945797	14050891	0.79	cps
Iron	57-2	363784	361169	358727	361227	0.70	cps
Iron	54-2	810090	798554	798046	802230	0.85	cps
Krypton	83-1	260	263	200	241	14.78	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2729210	2799418	2791146	2773258	1.38	cps
Lead	207-1	2450998	2488238	2432131	2457123	1.16	cps
Lead	208-1	11108194	11237804	11069879	11138626	0.79	cps
Lithium	6-1	1693594	1652559	1657884	1668013	1.34	cps
Magnesium	24-2	2619816	2616953	2645686	2627485	0.60	cps
Manganese	55-2	2408531	2402108	2337213	2382617	1.66	cps
Molybdenum	94-1	2612264	2572564	2581167	2588665	0.81	cps
Molybdenum	95-1	3791532	3760177	3756522	3769410	0.51	cps
Molybdenum	96-1	4152597	4162953	4088393	4134648	0.98	cps
Molybdenum	97-1	2357584	2358995	2308594	2341724	1.23	cps
Molybdenum	98-1	6098838	6067975	5960677	6042497	1.20	cps
Neodymium	150-1	80	73	50	68	23.24	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	123849	122411	121615	122625	0.92	cps
Phosphorus	31-2	16789	15855	16449	16364	2.89	cps
Potassium	39-2	1782306	1793495	1768984	1781595	0.69	cps
Rhodium	103-1	12422017	12401736	12143035	12322263	1.26	cps
Rhodium	103-2	7422184	7349601	7326809	7366198	0.68	cps
Scandium	45-1	7387634	7261046	7218836	7289172	1.21	cps
Scandium	45-2	633246	624279	623991	627172	0.84	cps
Selenium	82-1	12384	12583	12349	12439	1.02	cps
Selenium	77-2	1200	1250	1220	1223	2.06	cps
Selenium	78-2	4711	4407	4781	4633	4.28	cps
Silicon	28-1	1459334	1463727	1455909	1459657	0.27	cps
Silver	107-1	986441	996243	985289	989325	0.61	cps
Silver	109-1	929149	940526	935064	934913	0.61	cps
Sodium	23-2	4304623	4270228	4289165	4288005	0.40	cps
Strontium	86-1	233939	235094	234626	234553	0.25	cps
Strontium	88-1	2106655	2073910	2079864	2086810	0.84	cps
Sulfur	34-1	277871	278231	276866	277656	0.25	cps
Terbium	159-1	15948358	15833536	15973594	15918496	0.47	cps
Terbium	159-2	10982123	11245564	11185815	11137834	1.24	cps
Thallium	203-1	653874	657033	660123	657010	0.48	cps
Thallium	205-1	1536252	1560491	1552812	1549852	0.80	cps
Tin	118-1	605671	609328	613451	609483	0.64	cps
Titanium	47-1	922693	922928	915344	920321	0.47	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:14:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2058725	2051796	2051966	2054162	0.19	cps
Vanadium	51-2	262810	261168	258952	260977	0.74	cps
Yttrium	89-1	15691930	15488351	15529252	15569844	0.69	cps
Yttrium	89-2	4169448	4174078	4118961	4154163	0.74	cps
Zinc	66-2	586900	585195	579176	583757	0.70	cps
Zirconium	90-1	1255556	1254857	1247669	1252694	0.35	cps
Zirconium	91-1	279413	280459	278513	279461	0.35	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	752097	743168	738040	744435	0.96	cps
Antimony	121-1	1754084	1773296	1826125	1784502	2.09	cps
Arsenic	75-2	90514	88793	89350	89552	0.98	cps
Barium	135-1	2242613	2253764	2224377	2240251	0.66	cps
Barium	137-1	3815633	3873912	3776664	3822070	1.28	cps
Beryllium	9-1	187425	186610	185802	186613	0.43	cps
Bismuth	209-1	9322589	9294410	9403111	9340037	0.60	cps
Bismuth	209-2	7954971	7986584	7841566	7927707	0.96	cps
Bromine	81-1	14954	14888	14040	14627	3.48	cps
Bromine	81-2	143	120	113	126	12.55	cps
Cadmium	108-1	34448	34765	34006	34406	1.11	cps
Cadmium	106-1	51852	51745	51206	51601	0.67	cps
Cadmium	111-1	472007	474875	471137	472673	0.41	cps
Calcium	43-1	484146	481856	479004	481669	0.53	cps
Calcium	44-1	7426779	7449257	7458902	7444979	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	687270	679564	671186	679340	1.18	cps
Cobalt	59-2	1084030	1078665	1062251	1074982	1.06	cps
Copper	63-2	8139291	8086827	7944386	8056834	1.25	cps
Dysprosium	156-1	50	30	40	40	25.00	cps
Dysprosium	156-2	107	110	87	101	12.48	cps
Erbium	164-1	90	107	63	87	25.22	cps
Erbium	164-2	63	50	67	60	14.70	cps
Gadolinium	160-1	73	63	67	68	7.51	cps
Gadolinium	160-2	640	580	733	651	11.87	cps
Holmium	165-1	15393544	15020690	15096504	15170246	1.30	cps
Holmium	165-2	11134869	11162378	10959433	11085560	0.99	cps
Indium	115-1	12612722	12330150	12374574	12439149	1.22	cps
Indium	115-2	4522030	4517452	4525881	4521788	0.09	cps
Iron	56-2	32754084	32308905	32158785	32407258	0.96	cps
Iron	57-2	835136	821237	821537	825970	0.96	cps
Iron	54-2	1814866	1812489	1779201	1802185	1.11	cps
Krypton	83-1	233	223	240	232	3.61	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6645710	6753727	6756443	6718626	0.94	cps
Lead	207-1	5964181	6012034	6023073	5999763	0.52	cps
Lead	208-1	26909560	27152683	27374785	27145676	0.86	cps
Lithium	6-1	1625110	1648381	1608482	1627324	1.23	cps
Magnesium	24-2	6034128	5915593	5872468	5940729	1.41	cps
Manganese	55-2	5542561	5492756	5502321	5512546	0.48	cps
Molybdenum	94-1	6094467	6166864	6134053	6131795	0.59	cps
Molybdenum	95-1	8870940	8957971	8790432	8873114	0.94	cps
Molybdenum	96-1	9789495	9756540	9722994	9756343	0.34	cps
Molybdenum	97-1	5557152	5549668	5555052	5553957	0.07	cps
Molybdenum	98-1	14253635	14258006	14150890	14220844	0.43	cps
Neodymium	150-1	120	133	120	124	6.19	cps
Neodymium	150-2	30	37	43	37	18.18	cps
Nickel	60-2	278132	273030	274836	275333	0.94	cps
Phosphorus	31-2	37222	36032	35939	36398	1.97	cps
Potassium	39-2	3969454	3896449	3865649	3910517	1.36	cps
Rhodium	103-1	11711007	11668197	11560365	11646523	0.67	cps
Rhodium	103-2	6955276	6825163	6728016	6836152	1.67	cps
Scandium	45-1	6927148	6857555	6801288	6861997	0.92	cps
Scandium	45-2	574937	571689	565451	570692	0.84	cps
Selenium	82-1	28608	28540	28138	28429	0.89	cps
Selenium	77-2	2890	2847	2810	2849	1.41	cps
Selenium	78-2	10517	10290	10100	10303	2.03	cps
Silicon	28-1	1818831	1815805	1808659	1814432	0.29	cps
Silver	107-1	2400881	2417912	2347832	2388875	1.53	cps
Silver	109-1	2258348	2261962	2225663	2248658	0.89	cps
Sodium	23-2	9858427	9693922	9712176	9754842	0.92	cps
Strontium	86-1	548682	554384	547116	550061	0.70	cps
Strontium	88-1	4912089	4894358	4901756	4902734	0.18	cps
Sulfur	34-1	340228	335616	332864	336236	1.11	cps
Terbium	159-1	15580591	15456175	15421475	15486080	0.54	cps
Terbium	159-2	10839324	10794522	10655027	10762957	0.89	cps
Thallium	203-1	1589899	1596632	1602371	1596301	0.39	cps
Thallium	205-1	3989895	4111602	4029143	4043547	1.54	cps
Tin	118-1	1429431	1438539	1439321	1435764	0.38	cps
Titanium	47-1	2203209	2194751	2148648	2182203	1.35	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:17:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5057247	5149741	5153915	5120301	1.07	cps
Vanadium	51-2	596807	591252	587264	591775	0.81	cps
Yttrium	89-1	15001067	14633359	14539216	14724547	1.66	cps
Yttrium	89-2	3917191	3861846	3739940	3839659	2.36	cps
Zinc	66-2	1343681	1322753	1318263	1328232	1.02	cps
Zirconium	90-1	3037805	2983356	3018664	3013275	0.92	cps
Zirconium	91-1	657101	660533	652751	656795	0.59	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1389954	1367459	1373951	1377121	0.84	cps
Antimony	121-1	3409033	3366863	3330595	3368831	1.17	cps
Arsenic	75-2	164898	163341	161740	163327	0.97	cps
Barium	135-1	4276903	4212784	4227782	4239156	0.79	cps
Barium	137-1	7264959	7311924	7223982	7266955	0.61	cps
Beryllium	9-1	361807	367151	365761	364906	0.76	cps
Bismuth	209-1	9228457	9178487	9022460	9143135	1.18	cps
Bismuth	209-2	7852679	7806977	7829766	7829807	0.29	cps
Bromine	81-1	12112	11705	11755	11857	1.87	cps
Bromine	81-2	107	113	153	124	20.28	cps
Cadmium	108-1	63374	63254	61968	62865	1.24	cps
Cadmium	106-1	92579	91854	90342	91592	1.25	cps
Cadmium	111-1	876553	885137	869974	877221	0.87	cps
Calcium	43-1	879319	874641	850332	868097	1.79	cps
Calcium	44-1	13689466	13612511	13145377	13482451	2.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1228269	1220457	1217409	1222045	0.46	cps
Cobalt	59-2	2007574	1991835	1966344	1988584	1.05	cps
Copper	63-2	14489119	14431881	14362882	14427960	0.44	cps
Dysprosium	156-1	73	67	73	71	5.41	cps
Dysprosium	156-2	260	210	197	222	15.03	cps
Erbium	164-1	83	60	120	88	34.46	cps
Erbium	164-2	33	50	53	46	23.52	cps
Gadolinium	160-1	100	73	113	96	21.32	cps
Gadolinium	160-2	600	707	643	650	8.25	cps
Holmium	165-1	14889099	14470895	14435189	14598394	1.73	cps
Holmium	165-2	10936709	10733879	10796520	10822370	0.96	cps
Indium	115-1	11886170	11550407	11326222	11587599	2.43	cps
Indium	115-2	4224006	4274078	4211723	4236602	0.78	cps
Iron	56-2	58860799	58756377	58561631	58726269	0.26	cps
Iron	57-2	1471791	1478455	1481969	1477405	0.35	cps
Iron	54-2	3244826	3267737	3216545	3243036	0.79	cps
Krypton	83-1	190	180	157	176	9.74	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13190254	13122052	13151506	13154604	0.26	cps
Lead	207-1	11757246	11776409	11684250	11739302	0.41	cps
Lead	208-1	53176707	53424583	52995297	53198862	0.41	cps
Lithium	6-1	1619678	1573469	1561212	1584786	1.95	cps
Magnesium	24-2	10913456	10674707	10732107	10773423	1.16	cps
Manganese	55-2	10011560	10030473	9915990	9986008	0.61	cps
Molybdenum	94-1	11398755	11307782	11138844	11281794	1.17	cps
Molybdenum	95-1	16492650	16522627	16039467	16351581	1.66	cps
Molybdenum	96-1	18043615	18122786	17468456	17878286	2.00	cps
Molybdenum	97-1	10313087	10245831	9929375	10162764	2.02	cps
Molybdenum	98-1	26518822	26275913	25581115	26125283	1.86	cps
Neodymium	150-1	213	220	227	220	3.03	cps
Neodymium	150-2	33	57	47	46	25.70	cps
Nickel	60-2	488936	489932	486984	488617	0.31	cps
Phosphorus	31-2	66065	64669	63769	64834	1.78	cps
Potassium	39-2	6923205	6970580	6918562	6937449	0.41	cps
Rhodium	103-1	11052508	10643464	10402957	10699643	3.07	cps
Rhodium	103-2	6417785	6399644	6392064	6403165	0.21	cps
Scandium	45-1	6503547	6172074	6027281	6234301	3.92	cps
Scandium	45-2	518394	513911	514467	515591	0.47	cps
Selenium	82-1	52631	53108	51697	52479	1.37	cps
Selenium	77-2	5458	5261	5231	5317	2.32	cps
Selenium	78-2	17884	18221	17647	17918	1.61	cps
Silicon	28-1	2398014	2367403	2339753	2368390	1.23	cps
Silver	107-1	4384212	4348803	4239385	4324133	1.75	cps
Silver	109-1	4192742	4124884	4111190	4142939	1.05	cps
Sodium	23-2	17943303	17688114	17618212	17749876	0.96	cps
Strontium	86-1	1014063	1012480	991346	1005963	1.26	cps
Strontium	88-1	9096260	9083797	8868456	9016171	1.42	cps
Sulfur	34-1	427367	425376	410727	421157	2.16	cps
Terbium	159-1	15299105	14891813	14795037	14995318	1.78	cps
Terbium	159-2	10769774	10480458	10429515	10559916	1.74	cps
Thallium	203-1	3306338	3313335	3312086	3310586	0.11	cps
Thallium	205-1	7786941	7857580	7776903	7807141	0.56	cps
Tin	118-1	2774461	2766500	2702097	2747686	1.44	cps
Titanium	47-1	3918075	3897758	3887430	3901088	0.40	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:19:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9984314	10353204	10174546	10170688	1.81	cps
Vanadium	51-2	1070983	1068045	1059550	1066192	0.56	cps
Yttrium	89-1	14111321	13572556	13298764	13660880	3.03	cps
Yttrium	89-2	3649349	3588967	3542245	3593520	1.49	cps
Zinc	66-2	2493978	2425179	2488352	2469170	1.55	cps
Zirconium	90-1	5586231	5527042	5533760	5549011	0.58	cps
Zirconium	91-1	1213915	1214615	1188312	1205614	1.24	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2662864	2715770	2683318	2687317	0.99	cps
Antimony	121-1	6342684	6491417	6507411	6447171	1.41	cps
Arsenic	75-2	321625	318845	318652	319708	0.52	cps
Barium	135-1	8143813	8225933	8240434	8203393	0.64	cps
Barium	137-1	13975436	14147544	14178111	14100363	0.77	cps
Beryllium	9-1	701293	711083	697807	703395	0.98	cps
Bismuth	209-1	9011804	9022689	9075156	9036549	0.37	cps
Bismuth	209-2	7754114	7700107	7765623	7739948	0.45	cps
Bromine	81-1	11218	11485	11191	11298	1.44	cps
Bromine	81-2	103	117	100	107	8.27	cps
Cadmium	108-1	118066	120996	119440	119500	1.23	cps
Cadmium	106-1	171742	171114	173003	171953	0.56	cps
Cadmium	111-1	1696773	1712973	1708414	1706053	0.49	cps
Calcium	43-1	1608919	1591346	1591607	1597291	0.63	cps
Calcium	44-1	25419341	25705776	25553380	25559499	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2426361	2399465	2422411	2416079	0.60	cps
Cobalt	59-2	3847018	3831055	3852761	3843611	0.29	cps
Copper	63-2	28035947	28030335	27983571	28016618	0.10	cps
Dysprosium	156-1	123	123	137	128	6.03	cps
Dysprosium	156-2	343	317	357	339	6.01	cps
Erbium	164-1	133	127	143	134	6.24	cps
Erbium	164-2	80	90	77	82	8.44	cps
Gadolinium	160-1	117	107	117	113	5.09	cps
Gadolinium	160-2	583	577	630	597	4.87	cps
Holmium	165-1	14629175	14565599	14602486	14599087	0.22	cps
Holmium	165-2	10981337	10775246	10862936	10873173	0.95	cps
Indium	115-1	11145189	11201295	11138391	11161625	0.31	cps
Indium	115-2	4221267	4191585	4150551	4187801	0.85	cps
Iron	56-2	114865128	114060538	113679832	114201833	0.53	cps
Iron	57-2	2873868	2865066	2849303	2862745	0.43	cps
Iron	54-2	6288172	6279409	6248603	6272061	0.33	cps
Krypton	83-1	223	253	197	224	12.63	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26273411	26428825	26200007	26300748	0.44	cps
Lead	207-1	23029795	23163175	23171024	23121331	0.34	cps
Lead	208-1	105256108	105848858	105600000	105568322	0.28	cps
Lithium	6-1	1567383	1535241	1569440	1557355	1.23	cps
Magnesium	24-2	21058313	21189679	21105395	21117796	0.32	cps
Manganese	55-2	19449528	19403623	19304276	19385809	0.38	cps
Molybdenum	94-1	21468573	21663939	21495541	21542684	0.49	cps
Molybdenum	95-1	31365854	31416859	31356545	31379752	0.10	cps
Molybdenum	96-1	34289591	34548455	34304000	34380682	0.42	cps
Molybdenum	97-1	19436206	19586491	19451518	19491405	0.42	cps
Molybdenum	98-1	50043539	50319329	50472363	50278410	0.43	cps
Neodymium	150-1	360	433	367	387	10.49	cps
Neodymium	150-2	123	63	93	93	32.15	cps
Nickel	60-2	954068	940191	938409	944223	0.91	cps
Phosphorus	31-2	125926	125159	125923	125669	0.35	cps
Potassium	39-2	13632253	13491804	13653579	13592545	0.65	cps
Rhodium	103-1	10067567	10050425	10103604	10073865	0.27	cps
Rhodium	103-2	6301953	6243371	6200192	6248506	0.82	cps
Scandium	45-1	5853423	5879251	5873702	5868792	0.23	cps
Scandium	45-2	509982	503737	505498	506406	0.64	cps
Selenium	82-1	97922	98895	98699	98505	0.52	cps
Selenium	77-2	10237	10457	10003	10233	2.22	cps
Selenium	78-2	34330	34096	34757	34394	0.98	cps
Silicon	28-1	3499357	3609986	3614025	3574456	1.82	cps
Silver	107-1	8154888	8372859	8323955	8283901	1.38	cps
Silver	109-1	7720186	7807560	7816153	7781300	0.68	cps
Sodium	23-2	34613835	34715482	34576081	34635133	0.21	cps
Strontium	86-1	1962314	1972182	1952145	1962214	0.51	cps
Strontium	88-1	17131200	17369808	17285631	17262213	0.70	cps
Sulfur	34-1	598378	608307	608138	604941	0.94	cps
Terbium	159-1	14684496	14683107	14744827	14704143	0.24	cps
Terbium	159-2	10675325	10618769	10547867	10613987	0.60	cps
Thallium	203-1	6559724	6670169	6608783	6612892	0.84	cps
Thallium	205-1	15541360	15673271	15449304	15554645	0.72	cps
Tin	118-1	5320106	5356589	5390224	5355640	0.65	cps
Titanium	47-1	7367062	7450753	7390326	7402714	0.58	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:22:45	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20120291	20461529	20523268	20368363	1.07	cps
Vanadium	51-2	2151544	2119002	2111719	2127422	1.00	cps
Yttrium	89-1	12990526	13065629	12990672	13015609	0.33	cps
Yttrium	89-2	3552238	3553282	3564514	3556678	0.19	cps
Zinc	66-2	4784742	4772545	4755272	4770853	0.31	cps
Zirconium	90-1	10567855	10712639	10694399	10658298	0.74	cps
Zirconium	91-1	2303778	2328656	2363980	2332138	1.30	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5359364	5282054	5355701	5332373	0.82	cps
Antimony	121-1	12774680	12880315	12911573	12855523	0.56	cps
Arsenic	75-2	636098	635229	639581	636969	0.36	cps
Barium	135-1	16192406	16319612	16313347	16275122	0.44	cps
Barium	137-1	27718957	28322468	28191134	28077520	1.13	cps
Beryllium	9-1	1394732	1413214	1370252	1392733	1.55	cps
Bismuth	209-1	9007350	9003500	8980024	8996958	0.16	cps
Bismuth	209-2	7709618	7658774	7687266	7685219	0.33	cps
Bromine	81-1	11371	11264	11565	11400	1.34	cps
Bromine	81-2	110	123	130	121	8.41	cps
Cadmium	108-1	232890	237595	235288	235258	1.00	cps
Cadmium	106-1	327096	332173	330231	329834	0.78	cps
Cadmium	111-1	3313476	3318234	3368056	3333256	0.91	cps
Calcium	43-1	3088361	3116647	3192413	3132474	1.72	cps
Calcium	44-1	50016179	50776188	50827636	50540001	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4831124	4800261	4747225	4792870	0.89	cps
Cobalt	59-2	7528949	7601536	7643433	7591306	0.76	cps
Copper	63-2	55457404	55387321	55360803	55401843	0.09	cps
Dysprosium	156-1	273	220	250	248	10.79	cps
Dysprosium	156-2	753	887	743	794	10.07	cps
Erbium	164-1	140	143	163	149	8.48	cps
Erbium	164-2	140	110	110	120	14.43	cps
Gadolinium	160-1	127	173	150	150	15.56	cps
Gadolinium	160-2	690	690	723	701	2.74	cps
Holmium	165-1	14778209	14470399	14819748	14689452	1.30	cps
Holmium	165-2	11105132	10938102	10946909	10996714	0.85	cps
Indium	115-1	11068389	10983496	11066094	11039326	0.44	cps
Indium	115-2	4194377	4155910	4155218	4168502	0.54	cps
Iron	56-2	227878030	229178877	227976803	228344570	0.32	cps
Iron	57-2	5704524	5678410	5661466	5681467	0.38	cps
Iron	54-2	12527662	12487804	12514214	12509893	0.16	cps
Krypton	83-1	203	237	227	222	7.70	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	51563051	51621313	51746689	51643684	0.18	cps
Lead	207-1	45560139	45711609	45837458	45703069	0.30	cps
Lead	208-1	209113922	208330757	208513722	208652800	0.20	cps
Lithium	6-1	1524581	1532091	1509645	1522106	0.75	cps
Magnesium	24-2	41530974	42288502	41575453	41798310	1.02	cps
Manganese	55-2	38801473	39007178	38796473	38868374	0.31	cps
Molybdenum	94-1	42311561	42855086	42820906	42662518	0.71	cps
Molybdenum	95-1	61495691	62501151	62637074	62211305	1.00	cps
Molybdenum	96-1	67786904	68056314	68354751	68065990	0.42	cps
Molybdenum	97-1	38554086	38911670	38957098	38807618	0.57	cps
Molybdenum	98-1	100194582	100829645	100711149	100578459	0.34	cps
Neodymium	150-1	750	720	790	753	4.66	cps
Neodymium	150-2	190	187	180	186	2.74	cps
Nickel	60-2	1924234	1953800	1901958	1926664	1.35	cps
Phosphorus	31-2	252713	251053	249461	251076	0.65	cps
Potassium	39-2	26946049	27158705	26989868	27031540	0.42	cps
Rhodium	103-1	9990035	9988403	9912732	9963723	0.44	cps
Rhodium	103-2	6242476	6254652	6232072	6243066	0.18	cps
Scandium	45-1	5794593	5892270	5871053	5852639	0.88	cps
Scandium	45-2	519175	515271	517218	517221	0.38	cps
Selenium	82-1	192073	192515	192827	192472	0.20	cps
Selenium	77-2	20154	19603	20127	19961	1.56	cps
Selenium	78-2	68096	66153	67242	67164	1.45	cps
Silicon	28-1	5950978	6114642	6196993	6087538	2.06	cps
Silver	107-1	16018568	16153131	16100791	16090830	0.42	cps
Silver	109-1	15121167	15184018	15220737	15175307	0.33	cps
Sodium	23-2	68448309	69131724	68492376	68690803	0.56	cps
Strontium	86-1	3889133	3960561	3922129	3923941	0.91	cps
Strontium	88-1	34032969	34208249	34316565	34185928	0.42	cps
Sulfur	34-1	1010942	1022575	1024329	1019282	0.71	cps
Terbium	159-1	15064768	14798154	14874257	14912393	0.92	cps
Terbium	159-2	10891204	10700918	10654689	10748937	1.17	cps
Thallium	203-1	12853579	12932394	13045006	12943660	0.74	cps
Thallium	205-1	30742032	30805358	30983707	30843699	0.41	cps
Tin	118-1	10482281	10569856	10579278	10543805	0.51	cps
Titanium	47-1	14704117	14871625	14773753	14783165	0.57	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:25:28	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40892281	40860703	40872834	40875273	0.04	cps
Vanadium	51-2	4274208	4266970	4215659	4252279	0.75	cps
Yttrium	89-1	13150351	13000894	13128815	13093353	0.62	cps
Yttrium	89-2	3625141	3554879	3616436	3598819	1.06	cps
Zinc	66-2	9383010	9301308	9235761	9306693	0.79	cps
Zirconium	90-1	21166133	21319772	21213334	21233080	0.37	cps
Zirconium	91-1	4650931	4679923	4718960	4683271	0.73	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29496672	29268065	29760505	29508414	0.84	cps
Antimony	121-1	8099	7112	6275	7162	12.75	cps
Arsenic	75-2	357	380	367	368	3.18	cps
Barium	135-1	8893	7899	7399	8063	9.43	cps
Barium	137-1	14948	13513	12736	13732	8.17	cps
Beryllium	9-1	567	470	473	503	10.90	cps
Bismuth	209-1	8295851	8117429	8061174	8158151	1.50	cps
Bismuth	209-2	7051772	7006006	6958929	7005569	0.66	cps
Bromine	81-1	12892	13336	13506	13245	2.39	cps
Bromine	81-2	123	173	193	163	22.07	cps
Cadmium	108-1	123	133	130	129	3.95	cps
Cadmium	106-1	3494	3254	3414	3387	3.61	cps
Cadmium	111-1	3235	2939	3004	3060	5.07	cps
Calcium	43-1	15625338	15788407	15900618	15771454	0.88	cps
Calcium	44-1	250256670	256075063	258688456	255006730	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9315	7695	8029	8347	10.25	cps
Cobalt	59-2	21072	21783	21218	21358	1.76	cps
Copper	63-2	11354	10954	10884	11064	2.29	cps
Dysprosium	156-1	500	453	520	491	6.97	cps
Dysprosium	156-2	380	423	397	400	5.46	cps
Erbium	164-1	490	573	607	557	10.80	cps
Erbium	164-2	390	460	373	408	11.28	cps
Gadolinium	160-1	447	487	497	477	5.55	cps
Gadolinium	160-2	953	923	883	920	3.82	cps
Holmium	165-1	14766524	14452689	14395977	14538397	1.37	cps
Holmium	165-2	10849973	10868102	10677377	10798484	0.97	cps
Indium	115-1	11245994	10821201	10782212	10949802	2.35	cps
Indium	115-2	4169160	4242824	4210344	4207443	0.88	cps
Iron	56-2	1176723902	1174592783	1198288595	1183201760	1.11	cps
Iron	57-2	29273816	29391613	29977403	29547611	1.28	cps
Iron	54-2	63509211	63831459	64833944	64058205	1.08	cps
Krypton	83-1	293	280	303	292	4.01	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17962	15746	14027	15912	12.40	cps
Lead	207-1	16383	13470	12539	14131	14.19	cps
Lead	208-1	72365	62654	56292	63770	12.69	cps
Lithium	6-1	1522834	1497078	1500999	1506970	0.92	cps
Magnesium	24-2	228698777	229095843	232727797	230174139	0.96	cps
Manganese	55-2	19693	19633	18975	19434	2.05	cps
Molybdenum	94-1	15755	13683	11605	13681	15.17	cps
Molybdenum	95-1	17277	13530	11331	14046	21.40	cps
Molybdenum	96-1	28855	24414	22908	25392	12.18	cps
Molybdenum	97-1	10494	8046	7352	8630	19.13	cps
Molybdenum	98-1	26190	20952	17901	21681	19.34	cps
Neodymium	150-1	290	233	257	260	10.95	cps
Neodymium	150-2	183	183	150	172	11.18	cps
Nickel	60-2	8162	8162	8232	8186	0.49	cps
Phosphorus	31-2	363	313	310	329	9.08	cps
Potassium	39-2	147225678	146849344	148841098	147638707	0.72	cps
Rhodium	103-1	9693981	9378329	9406717	9493009	1.84	cps
Rhodium	103-2	5963879	5987301	6026883	5992688	0.53	cps
Scandium	45-1	6029411	5995189	5984118	6002906	0.39	cps
Scandium	45-2	550657	553324	557958	553979	0.67	cps
Selenium	82-1	371	337	340	349	5.43	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	383	423	433	413	6.40	cps
Silicon	28-1	751892	747350	741419	746887	0.70	cps
Silver	107-1	4596	3778	3174	3849	18.55	cps
Silver	109-1	4177	3567	2890	3545	18.16	cps
Sodium	23-2	370469701	371535741	376222594	372742679	0.82	cps
Strontium	86-1	12646	12419	12125	12396	2.10	cps
Strontium	88-1	103222	103111	104618	103650	0.81	cps
Sulfur	34-1	164050	167106	176388	169181	3.80	cps
Terbium	159-1	14836309	14682224	14614608	14711047	0.77	cps
Terbium	159-2	10597401	10461605	10569554	10542854	0.68	cps
Thallium	203-1	3024	2320	1970	2438	22.01	cps
Thallium	205-1	7395	5938	4447	5927	24.87	cps
Tin	118-1	5534	5114	4367	5005	11.81	cps
Titanium	47-1	3921	2980	2727	3209	19.60	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:28:14	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7772	5888	4578	6079	26.42	cps
Vanadium	51-2	1130	960	967	1019	9.45	cps
Yttrium	89-1	13175619	13037949	13154638	13122735	0.57	cps
Yttrium	89-2	3694604	3749818	3733582	3726001	0.76	cps
Zinc	66-2	10280	10654	10747	10560	2.34	cps
Zirconium	90-1	15749	14124	14140	14671	6.36	cps
Zirconium	91-1	3450	3230	2960	3214	7.64	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160546	159272	159071	159630	0.50	cps
Antimony	121-1	2886307	2960446	2963852	2936868	1.49	cps
Arsenic	75-2	158102	158663	156205	157657	0.82	cps
Barium	135-1	352298	357475	357700	355824	0.86	cps
Barium	137-1	609448	616400	627607	617818	1.48	cps
Beryllium	9-1	158708	162093	163116	161305	1.43	cps
Bismuth	209-1	9475849	9454413	9618973	9516412	0.94	cps
Bismuth	209-2	8366528	8325944	8334165	8342213	0.26	cps
Bromine	81-1	13716	13693	13086	13498	2.65	cps
Bromine	81-2	193	213	190	199	6.35	cps
Cadmium	108-1	25048	24898	24975	24974	0.30	cps
Cadmium	106-1	36890	37822	37809	37507	1.43	cps
Cadmium	111-1	379838	383567	388333	383913	1.11	cps
Calcium	43-1	76692	76562	77416	76890	0.60	cps
Calcium	44-1	1173586	1199164	1187450	1186733	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	599211	600113	598474	599266	0.14	cps
Cobalt	59-2	954551	950301	953444	952765	0.23	cps
Copper	63-2	674102	672814	669191	672036	0.38	cps
Dysprosium	156-1	20	13	17	17	20.01	cps
Dysprosium	156-2	23	23	17	21	18.21	cps
Erbium	164-1	43	93	93	77	37.65	cps
Erbium	164-2	43	60	37	47	25.75	cps
Gadolinium	160-1	47	67	40	51	27.15	cps
Gadolinium	160-2	620	690	613	641	6.63	cps
Holmium	165-1	15028011	15167933	15260713	15152219	0.77	cps
Holmium	165-2	11525394	11508219	11466147	11499920	0.27	cps
Indium	115-1	12305713	12363365	12738691	12469257	1.89	cps
Indium	115-2	4746680	4824510	4757072	4776087	0.88	cps
Iron	56-2	11071884	11029179	11086191	11062418	0.27	cps
Iron	57-2	281922	282564	278533	281007	0.77	cps
Iron	54-2	638647	638300	635284	637410	0.29	cps
Krypton	83-1	247	277	247	257	6.75	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2322825	2346247	2333523	2334198	0.50	cps
Lead	207-1	1945843	1911193	1961473	1939503	1.33	cps
Lead	208-1	9122728	9037114	9250222	9136688	1.17	cps
Lithium	6-1	1664527	1637549	1724408	1675495	2.65	cps
Magnesium	24-2	598524	597639	593969	596711	0.40	cps
Manganese	55-2	474664	472279	471872	472938	0.32	cps
Molybdenum	94-1	640	660	557	619	8.85	cps
Molybdenum	95-1	213	400	330	314	29.99	cps
Molybdenum	96-1	500	657	553	570	13.98	cps
Molybdenum	97-1	160	2295	160	872	141.42	cps
Molybdenum	98-1	537	9732	510	3593	147.98	cps
Neodymium	150-1	23	10	17	17	39.99	cps
Neodymium	150-2	20	7	20	16	49.47	cps
Nickel	60-2	245823	244650	246718	245730	0.42	cps
Phosphorus	31-2	177	187	217	193	10.77	cps
Potassium	39-2	1362061	1360478	1347153	1356564	0.60	cps
Rhodium	103-1	11604614	11686461	11732920	11674665	0.56	cps
Rhodium	103-2	7222434	7191029	7212714	7208726	0.22	cps
Scandium	45-1	6738940	6766604	6891160	6798901	1.19	cps
Scandium	45-2	607013	609459	605988	607487	0.29	cps
Selenium	82-1	46103	46191	46452	46249	0.39	cps
Selenium	77-2	4851	5401	5188	5147	5.39	cps
Selenium	78-2	17420	17667	17447	17512	0.77	cps
Silicon	28-1	701568	700757	703584	701970	0.21	cps
Silver	107-1	898055	917730	926077	913954	1.57	cps
Silver	109-1	862426	881575	881983	875328	1.28	cps
Sodium	23-2	1691134	1696958	1649522	1679205	1.54	cps
Strontium	86-1	1480	1550	1523	1518	2.33	cps
Strontium	88-1	10070	10140	10214	10141	0.71	cps
Sulfur	34-1	205496	206468	204481	205482	0.48	cps
Terbium	159-1	15426789	15246117	15515041	15395982	0.89	cps
Terbium	159-2	11300599	11272246	11450289	11341045	0.84	cps
Thallium	203-1	2796579	2872262	2879634	2849491	1.61	cps
Thallium	205-1	6733030	6792710	6837407	6787716	0.77	cps
Tin	118-1	3360	3494	3367	3407	2.21	cps
Titanium	47-1	140	127	123	130	6.78	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 15:49:00	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	307	33	131	116.22	cps
Vanadium	51-2	511579	512122	508701	510801	0.36	cps
Yttrium	89-1	14574102	14482419	14614124	14556882	0.46	cps
Yttrium	89-2	4071212	4083032	4002875	4052373	1.07	cps
Zinc	66-2	226763	226312	226061	226379	0.16	cps
Zirconium	90-1	1140	1253	1127	1173	5.93	cps
Zirconium	91-1	580	500	540	540	7.41	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427	430	447	434	2.47	cps
Antimony	121-1	180	233	200	204	13.18	cps
Arsenic	75-2	10	13	10	11	17.30	cps
Barium	135-1	50	60	43	51	16.42	cps
Barium	137-1	73	63	80	72	11.62	cps
Beryllium	9-1	87	73	97	86	13.69	cps
Bismuth	209-1	9465381	9489523	9500158	9485020	0.19	cps
Bismuth	209-2	8200511	8376955	8307526	8294997	1.07	cps
Bromine	81-1	14604	15008	14511	14707	1.80	cps
Bromine	81-2	247	217	290	251	14.68	cps
Cadmium	108-1	17	13	13	14	13.35	cps
Cadmium	106-1	3694	3834	3627	3718	2.84	cps
Cadmium	111-1	2617	2704	2573	2632	2.54	cps
Calcium	43-1	273	343	353	323	13.48	cps
Calcium	44-1	11111	10594	10597	10767	2.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1053	1073	993	1040	4.00	cps
Cobalt	59-2	167	160	113	147	19.82	cps
Copper	63-2	907	953	907	922	2.92	cps
Dysprosium	156-1	10	30	23	21	48.24	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	63	53	90	69	27.52	cps
Erbium	164-2	33	40	37	37	9.10	cps
Gadolinium	160-1	23	40	63	42	47.59	cps
Gadolinium	160-2	637	690	643	657	4.43	cps
Holmium	165-1	15078756	15311020	15419508	15269761	1.14	cps
Holmium	165-2	11502500	11551434	11426229	11493388	0.55	cps
Indium	115-1	12758950	12849182	12842557	12816896	0.39	cps
Indium	115-2	4781938	4899293	4909270	4863500	1.46	cps
Iron	56-2	17741	17877	17337	17652	1.59	cps
Iron	57-2	973	1053	1070	1032	5.01	cps
Iron	54-2	2644	2610	2497	2584	2.98	cps
Krypton	83-1	237	253	270	253	6.58	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1030	927	957	971	5.47	cps
Lead	207-1	800	957	950	902	9.82	cps
Lead	208-1	4097	3964	4034	4031	1.65	cps
Lithium	6-1	1694998	1675530	1676345	1682291	0.65	cps
Magnesium	24-2	1090	1083	1190	1121	5.33	cps
Manganese	55-2	313	373	360	349	9.03	cps
Molybdenum	94-1	267	257	263	262	1.94	cps
Molybdenum	95-1	140	130	137	136	3.76	cps
Molybdenum	96-1	237	203	163	201	18.26	cps
Molybdenum	97-1	83	63	63	70	16.50	cps
Molybdenum	98-1	180	157	170	169	6.93	cps
Neodymium	150-1	3	3	3	3	0.00	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	437	520	460	472	9.10	cps
Phosphorus	31-2	170	187	197	184	7.30	cps
Potassium	39-2	56959	57495	57093	57182	0.49	cps
Rhodium	103-1	11964251	12019781	11998937	11994323	0.23	cps
Rhodium	103-2	7402095	7322125	7372918	7365713	0.55	cps
Scandium	45-1	7004870	6939607	6878295	6940924	0.91	cps
Scandium	45-2	624374	622485	621518	622792	0.23	cps
Selenium	82-1	240	213	198	217	9.78	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	563	550	497	537	6.57	cps
Silicon	28-1	722410	722490	720521	721807	0.15	cps
Silver	107-1	244	300	230	258	14.42	cps
Silver	109-1	207	190	173	190	8.77	cps
Sodium	23-2	26116	25434	25421	25657	1.55	cps
Strontium	86-1	403	347	403	384	8.51	cps
Strontium	88-1	223	200	293	239	20.33	cps
Sulfur	34-1	212737	211810	211533	212027	0.30	cps
Terbium	159-1	15654854	15672054	15633016	15653308	0.12	cps
Terbium	159-2	11172503	11434367	11277259	11294710	1.17	cps
Thallium	203-1	440	407	337	394	13.37	cps
Thallium	205-1	970	843	843	886	8.26	cps
Tin	118-1	1933	1930	2074	1979	4.13	cps
Titanium	47-1	97	97	90	94	4.08	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:07:29	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	33	30	29	17.63	cps
Vanadium	51-2	3	13	20	12	68.66	cps
Yttrium	89-1	14829734	15033117	14988368	14950406	0.71	cps
Yttrium	89-2	4153554	4176931	4160482	4163656	0.29	cps
Zinc	66-2	993	993	993	993	0.00	cps
Zirconium	90-1	617	777	813	736	14.22	cps
Zirconium	91-1	153	167	170	163	5.40	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28290140	28023037	28312244	28208473	0.57	cps
Antimony	121-1	15886	16316	16369	16190	1.64	cps
Arsenic	75-2	263	293	240	266	10.07	cps
Barium	135-1	4984	5001	4991	4992	0.17	cps
Barium	137-1	8433	9020	8839	8764	3.43	cps
Beryllium	9-1	483	487	507	492	2.56	cps
Bismuth	209-1	9127477	9116717	9210788	9151661	0.56	cps
Bismuth	209-2	7924127	7878445	7928956	7910509	0.35	cps
Bromine	81-1	14831	15215	15325	15123	1.71	cps
Bromine	81-2	400	497	413	437	12.00	cps
Cadmium	108-1	2480	2467	2400	2449	1.75	cps
Cadmium	106-1	3427	3437	3164	3343	4.64	cps
Cadmium	111-1	3965	3588	3630	3727	5.55	cps
Calcium	43-1	3494087	3555089	3582349	3543842	1.28	cps
Calcium	44-1	56334734	57102329	57629922	57022329	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112112	110142	109077	110444	1.39	cps
Cobalt	59-2	10607	11004	10827	10813	1.84	cps
Copper	63-2	45285	45987	45549	45607	0.78	cps
Dysprosium	156-1	87	57	63	69	22.87	cps
Dysprosium	156-2	40	37	53	43	20.34	cps
Erbium	164-1	97	100	123	107	13.62	cps
Erbium	164-2	90	40	80	70	37.80	cps
Gadolinium	160-1	90	93	87	90	3.70	cps
Gadolinium	160-2	633	627	683	648	4.78	cps
Holmium	165-1	15486419	15451800	15538385	15492201	0.28	cps
Holmium	165-2	11525376	11420758	11453107	11466414	0.47	cps
Indium	115-1	12055420	12001246	11961319	12005995	0.39	cps
Indium	115-2	4516095	4476989	4489943	4494342	0.44	cps
Iron	56-2	516750712	512550366	516721952	515341010	0.47	cps
Iron	57-2	12866468	12709386	12896430	12824095	0.78	cps
Iron	54-2	28008336	27834645	27912855	27918612	0.31	cps
Krypton	83-1	223	203	257	228	11.83	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	62188	58067	58308	59521	3.89	cps
Lead	207-1	50075	47269	46041	47795	4.33	cps
Lead	208-1	235338	222156	216849	224781	4.24	cps
Lithium	6-1	1609918	1545012	1559273	1571401	2.17	cps
Magnesium	24-2	46816328	46878924	46546861	46747371	0.38	cps
Manganese	55-2	35124	34633	34516	34758	0.93	cps
Molybdenum	94-1	7714053	7785209	7820583	7773282	0.70	cps
Molybdenum	95-1	13638283	13833406	13907407	13793032	1.01	cps
Molybdenum	96-1	14809516	14828570	15033589	14890558	0.83	cps
Molybdenum	97-1	8451097	8481951	8656854	8529967	1.30	cps
Molybdenum	98-1	21749840	22258472	22226064	22078125	1.29	cps
Neodymium	150-1	70	70	77	72	5.33	cps
Neodymium	150-2	73	37	37	49	43.29	cps
Nickel	60-2	12272	12008	12012	12097	1.25	cps
Phosphorus	31-2	1422696	1452829	1432704	1436076	1.07	cps
Potassium	39-2	60485256	59668734	60135306	60096432	0.68	cps
Rhodium	103-1	10808264	10657535	10804983	10756927	0.80	cps
Rhodium	103-2	6680908	6741859	6593025	6671931	1.12	cps
Scandium	45-1	6538988	6445921	6624081	6536330	1.36	cps
Scandium	45-2	562424	559296	562926	561549	0.35	cps
Selenium	82-1	245	307	218	256	17.82	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	360	423	420	401	8.89	cps
Silicon	28-1	712290	705521	712382	710065	0.55	cps
Silver	107-1	1116	1086	866	1023	13.34	cps
Silver	109-1	1187	810	953	983	19.33	cps
Sodium	23-2	77157191	76831532	77007324	76998682	0.21	cps
Strontium	86-1	146359	150527	150981	149289	1.71	cps
Strontium	88-1	1279688	1302489	1320096	1300758	1.56	cps
Sulfur	34-1	5195299	5110643	5225142	5177028	1.15	cps
Terbium	159-1	15687770	15664862	15688897	15680510	0.09	cps
Terbium	159-2	11342960	11215070	11182811	11246947	0.75	cps
Thallium	203-1	2704	3174	3227	3035	9.49	cps
Thallium	205-1	6455	7475	7569	7166	8.62	cps
Tin	118-1	7819	7859	6778	7485	8.18	cps
Titanium	47-1	3348253	3420779	3445303	3404778	1.48	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:10:47	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	750	710	747	736	3.02	cps
Vanadium	51-2	913	937	860	903	4.35	cps
Yttrium	89-1	14299462	14186521	14416674	14300886	0.80	cps
Yttrium	89-2	3928994	3932531	3857542	3906356	1.08	cps
Zinc	66-2	14868	15595	15852	15438	3.31	cps
Zirconium	90-1	2604	2827	2684	2705	4.18	cps
Zirconium	91-1	563	623	623	603	5.74	cps

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Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30406242	30242474	30439959	30362891	0.35	cps
Antimony	121-1	300661	305875	303479	303338	0.86	cps
Arsenic	75-2	15068	15048	14817	14978	0.93	cps
Barium	135-1	75432	76685	77365	76494	1.28	cps
Barium	137-1	131330	133401	132076	132269	0.79	cps
Beryllium	9-1	29405	30450	30290	30048	1.87	cps
Bismuth	209-1	9168706	9231079	9280341	9226709	0.61	cps
Bismuth	209-2	7768037	7898508	7853429	7839991	0.85	cps
Bromine	81-1	15965	16613	16019	16199	2.22	cps
Bromine	81-2	450	530	513	498	8.48	cps
Cadmium	108-1	6995	7335	7159	7163	2.37	cps
Cadmium	106-1	9797	9850	9947	9865	0.77	cps
Cadmium	111-1	74634	75545	75998	75392	0.92	cps
Calcium	43-1	3830977	3840392	3868651	3846673	0.51	cps
Calcium	44-1	61509111	62238111	62363192	62036805	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	226925	225747	224973	225881	0.44	cps
Cobalt	59-2	182097	181422	180929	181483	0.32	cps
Copper	63-2	165790	166346	165928	166021	0.17	cps
Dysprosium	156-1	67	63	43	58	21.85	cps
Dysprosium	156-2	63	20	67	50	52.07	cps
Erbium	164-1	113	93	93	100	11.55	cps
Erbium	164-2	70	70	70	70	0.00	cps
Gadolinium	160-1	107	103	117	109	6.37	cps
Gadolinium	160-2	617	593	613	608	2.08	cps
Holmium	165-1	15763747	15746266	15569705	15693240	0.68	cps
Holmium	165-2	11390142	11444815	11249267	11361408	0.89	cps
Indium	115-1	12369390	12328202	12302339	12333311	0.27	cps
Indium	115-2	4463095	4496838	4432322	4464085	0.72	cps
Iron	56-2	553558698	552509525	547079605	551049276	0.63	cps
Iron	57-2	13750028	13571985	13684414	13668809	0.66	cps
Iron	54-2	30107451	29767582	29886015	29920349	0.58	cps
Krypton	83-1	203	243	237	228	9.41	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	270385	276122	275270	273926	1.13	cps
Lead	207-1	226678	230168	231875	229573	1.15	cps
Lead	208-1	1048330	1065635	1065046	1059671	0.93	cps
Lithium	6-1	1559787	1548966	1542662	1550472	0.56	cps
Magnesium	24-2	50011664	49978926	50374551	50121714	0.44	cps
Manganese	55-2	124550	123925	124365	124280	0.26	cps
Molybdenum	94-1	8449465	8588954	8539884	8526101	0.83	cps
Molybdenum	95-1	14860206	15002324	15280004	15047511	1.42	cps
Molybdenum	96-1	16109362	16299167	16354246	16254258	0.79	cps
Molybdenum	97-1	9302322	9429892	9363292	9365168	0.68	cps
Molybdenum	98-1	24215712	24375993	24232870	24274858	0.36	cps
Neodymium	150-1	80	30	53	54	45.95	cps
Neodymium	150-2	27	27	23	26	7.55	cps
Nickel	60-2	55291	55867	55579	55579	0.52	cps
Phosphorus	31-2	1541655	1547696	1529765	1539705	0.59	cps
Potassium	39-2	64949747	64285801	64035879	64423809	0.73	cps
Rhodium	103-1	11087667	10963186	10854635	10968496	1.06	cps
Rhodium	103-2	6642116	6702506	6573708	6639443	0.97	cps
Scandium	45-1	6622582	6590013	6585178	6599258	0.31	cps
Scandium	45-2	558541	564071	562238	561617	0.50	cps
Selenium	82-1	4416	4551	4475	4481	1.51	cps
Selenium	77-2	470	460	503	478	4.75	cps
Selenium	78-2	1943	1990	1897	1943	2.40	cps
Silicon	28-1	738340	745395	747814	743849	0.66	cps
Silver	107-1	334461	339606	338680	337582	0.81	cps
Silver	109-1	323559	324066	326929	324851	0.56	cps
Sodium	23-2	82379465	81717577	83117094	82404712	0.85	cps
Strontium	86-1	163391	165633	163974	164333	0.71	cps
Strontium	88-1	1414760	1432905	1440899	1429521	0.94	cps
Sulfur	34-1	5649898	5536930	5501740	5562856	1.39	cps
Terbium	159-1	16078970	16120130	15887989	16029030	0.77	cps
Terbium	159-2	11171714	11309068	11121560	11200781	0.87	cps
Thallium	203-1	270442	274785	278858	274695	1.53	cps
Thallium	205-1	640600	649724	652053	647459	0.93	cps
Tin	118-1	4397	4457	4414	4423	0.70	cps
Titanium	47-1	3603631	3701050	3710387	3671689	1.61	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:13:49	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	827	820	873	840	3.46	cps
Vanadium	51-2	95449	95087	95489	95342	0.23	cps
Yttrium	89-1	14762374	14550839	14555387	14622867	0.83	cps
Yttrium	89-2	3856352	3863476	3903612	3874480	0.66	cps
Zinc	66-2	34249	34456	34289	34332	0.32	cps
Zirconium	90-1	1733	1920	1973	1876	6.72	cps
Zirconium	91-1	417	393	433	414	4.85	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15413301	15192717	15158686	15254901	0.91	cps
Antimony	121-1	6840217	6930696	6882351	6884421	0.66	cps
Arsenic	75-2	355997	356391	357092	356493	0.16	cps
Barium	135-1	8741741	8884056	8737319	8787705	0.95	cps
Barium	137-1	15066675	15247056	15196166	15169965	0.61	cps
Beryllium	9-1	683965	691655	696308	690642	0.90	cps
Bismuth	209-1	8865849	8843706	8732237	8813931	0.81	cps
Bismuth	209-2	7563726	7457273	7464473	7495157	0.79	cps
Bromine	81-1	13690	13563	13243	13498	1.71	cps
Bromine	81-2	83	97	100	93	9.45	cps
Cadmium	108-1	127501	127831	127548	127627	0.14	cps
Cadmium	106-1	180020	182497	182076	181531	0.73	cps
Cadmium	111-1	1800093	1857425	1821793	1826437	1.58	cps
Calcium	43-1	8641999	8677890	8662316	8660735	0.21	cps
Calcium	44-1	140274988	140506688	139568615	140116763	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2639416	2660545	2635283	2645082	0.51	cps
Cobalt	59-2	4062526	4130505	4102053	4098361	0.83	cps
Copper	63-2	29166676	29109525	29249950	29175384	0.24	cps
Dysprosium	156-1	340	323	343	336	3.19	cps
Dysprosium	156-2	603	607	660	623	5.10	cps
Erbium	164-1	357	280	373	337	14.78	cps
Erbium	164-2	280	217	200	232	18.18	cps
Gadolinium	160-1	367	303	373	348	11.11	cps
Gadolinium	160-2	773	850	803	809	4.78	cps
Holmium	165-1	15327166	15406411	15141321	15291633	0.89	cps
Holmium	165-2	11067959	11066605	11201190	11111918	0.70	cps
Indium	115-1	11721729	11747384	11744115	11737743	0.12	cps
Indium	115-2	4324187	4255788	4279023	4286333	0.81	cps
Iron	56-2	619427684	616578817	617487257	617831253	0.24	cps
Iron	57-2	15593083	15532514	15367673	15497757	0.75	cps
Iron	54-2	33843935	33713315	33870114	33809121	0.25	cps
Krypton	83-1	243	210	243	232	8.29	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26363985	26577555	26975156	26638898	1.16	cps
Lead	207-1	23290656	23664054	23509770	23488160	0.80	cps
Lead	208-1	105833208	107400388	107104769	106779455	0.78	cps
Lithium	6-1	1528266	1556691	1508970	1531309	1.57	cps
Magnesium	24-2	119666978	117519952	119138335	118775088	0.94	cps
Manganese	55-2	20986596	21046924	20940288	20991269	0.25	cps
Molybdenum	94-1	23718625	23983776	23643094	23781832	0.75	cps
Molybdenum	95-1	34272998	34714511	34229875	34405795	0.78	cps
Molybdenum	96-1	37705189	38406116	38229867	38113724	0.96	cps
Molybdenum	97-1	21569142	21711484	21366322	21548983	0.80	cps
Molybdenum	98-1	54742986	56091576	55216621	55350394	1.24	cps
Neodymium	150-1	590	550	560	567	3.67	cps
Neodymium	150-2	133	147	170	150	12.37	cps
Nickel	60-2	994728	991654	985314	990565	0.48	cps
Phosphorus	31-2	139774	137901	137581	138419	0.86	cps
Potassium	39-2	75238927	75336959	75524351	75366746	0.19	cps
Rhodium	103-1	10544334	10400237	10356515	10433696	0.94	cps
Rhodium	103-2	6401977	6323271	6302971	6342740	0.82	cps
Scandium	45-1	6437681	6415567	6353121	6402123	0.68	cps
Scandium	45-2	556681	556786	554948	556138	0.19	cps
Selenium	82-1	106313	107182	107551	107015	0.59	cps
Selenium	77-2	10941	10951	11007	10966	0.33	cps
Selenium	78-2	37424	37324	37050	37266	0.52	cps
Silicon	28-1	3646902	3723294	3774556	3714917	1.73	cps
Silver	107-1	8895768	8974593	8940324	8936895	0.44	cps
Silver	109-1	8341188	8479918	8447651	8422919	0.86	cps
Sodium	23-2	189317424	189986537	189785704	189696555	0.18	cps
Strontium	86-1	2168320	2170534	2158892	2165915	0.29	cps
Strontium	88-1	18698354	18947346	19008792	18884831	0.87	cps
Sulfur	34-1	635128	640246	642055	639143	0.56	cps
Terbium	159-1	15696633	15374833	15548539	15540002	1.04	cps
Terbium	159-2	10892369	10950672	10855716	10899585	0.44	cps
Thallium	203-1	6701633	6748422	6786486	6745514	0.63	cps
Thallium	205-1	15961025	15860420	16127680	15983042	0.84	cps
Tin	118-1	5667849	5730335	5774981	5724388	0.94	cps
Titanium	47-1	8113985	8202294	8161590	8159290	0.54	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:16:53	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21316968	21623668	21289831	21410156	0.87	cps
Vanadium	51-2	2357932	2369023	2381741	2369565	0.50	cps
Yttrium	89-1	14223006	13918582	14070370	14070653	1.08	cps
Yttrium	89-2	3784966	3786987	3761686	3777880	0.37	cps
Zinc	66-2	4853266	4857997	4836199	4849154	0.24	cps
Zirconium	90-1	11659398	11748528	11627545	11678490	0.54	cps
Zirconium	91-1	2549777	2636303	2610637	2598906	1.71	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1240	1370	1090	1233	11.36	cps
Antimony	121-1	3407	2887	2470	2921	16.07	cps
Arsenic	75-2	37	37	30	34	11.18	cps
Barium	135-1	1457	1207	930	1198	22.00	cps
Barium	137-1	2730	2010	1553	2098	28.28	cps
Beryllium	9-1	317	270	270	286	9.43	cps
Bismuth	209-1	9514310	9540408	9595289	9550002	0.43	cps
Bismuth	209-2	8387548	8217535	8305466	8303516	1.02	cps
Bromine	81-1	13073	12922	12689	12895	1.50	cps
Bromine	81-2	157	133	153	148	8.54	cps
Cadmium	108-1	50	37	47	44	15.61	cps
Cadmium	106-1	3440	3500	3614	3518	2.50	cps
Cadmium	111-1	2747	2716	2751	2738	0.69	cps
Calcium	43-1	1793	1343	1130	1422	23.81	cps
Calcium	44-1	35472	28610	25091	29724	17.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1300	1343	1343	1329	1.88	cps
Cobalt	59-2	443	417	373	411	8.59	cps
Copper	63-2	3730	3280	3007	3339	10.94	cps
Dysprosium	156-1	10	13	13	12	15.73	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	53	60	60	58	6.67	cps
Erbium	164-2	30	27	37	31	16.37	cps
Gadolinium	160-1	47	57	23	42	40.52	cps
Gadolinium	160-2	607	580	553	580	4.60	cps
Holmium	165-1	15196432	15212446	15269463	15226114	0.25	cps
Holmium	165-2	11274678	11285982	11406403	11322354	0.64	cps
Indium	115-1	12398836	12314632	12266919	12326796	0.54	cps
Indium	115-2	4611170	4705689	4644386	4653749	1.03	cps
Iron	56-2	69908	63744	57111	63588	10.06	cps
Iron	57-2	2194	2067	1923	2061	6.55	cps
Iron	54-2	5114	4797	4664	4859	4.76	cps
Krypton	83-1	240	237	197	224	10.74	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6318	5354	4461	5378	17.27	cps
Lead	207-1	5861	4674	3774	4770	21.95	cps
Lead	208-1	26170	21200	17808	21726	19.36	cps
Lithium	6-1	1594736	1567844	1606918	1589833	1.26	cps
Magnesium	24-2	9636	8356	7172	8388	14.70	cps
Manganese	55-2	1870	1637	1517	1675	10.73	cps
Molybdenum	94-1	5051	3881	3124	4018	24.16	cps
Molybdenum	95-1	6655	5001	4011	5222	25.58	cps
Molybdenum	96-1	7449	5735	4347	5843	26.59	cps
Molybdenum	97-1	4064	3230	2530	3275	23.45	cps
Molybdenum	98-1	10661	8212	6388	8420	25.46	cps
Neodymium	150-1	3	10	7	7	50.03	cps
Neodymium	150-2	13	0	0	4	173.21	cps
Nickel	60-2	527	530	523	527	0.63	cps
Phosphorus	31-2	200	160	190	183	11.35	cps
Potassium	39-2	58073	57799	57173	57682	0.80	cps
Rhodium	103-1	11264873	11239485	11317963	11274107	0.36	cps
Rhodium	103-2	7061880	6977155	7046984	7028673	0.64	cps
Scandium	45-1	6436238	6442642	6495013	6457964	0.50	cps
Scandium	45-2	567373	564737	564698	565603	0.27	cps
Selenium	82-1	245	214	199	219	10.62	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	433	463	403	433	6.92	cps
Silicon	28-1	647681	644366	642676	644908	0.39	cps
Silver	107-1	2328	1750	1390	1823	25.95	cps
Silver	109-1	2127	1757	1283	1722	24.55	cps
Sodium	23-2	56038	53596	51613	53749	4.12	cps
Strontium	86-1	817	687	683	729	10.43	cps
Strontium	88-1	3480	2487	2057	2675	27.30	cps
Sulfur	34-1	179507	182357	180280	180715	0.82	cps
Terbium	159-1	15520204	15514816	15508807	15514609	0.04	cps
Terbium	159-2	11164222	11163922	11077153	11135099	0.45	cps
Thallium	203-1	2947	2287	2170	2468	16.97	cps
Thallium	205-1	6922	5901	5101	5975	15.27	cps
Tin	118-1	3114	2827	2767	2903	6.38	cps
Titanium	47-1	1570	1193	820	1195	31.40	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:19:45	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3414	2487	2074	2658	25.82	cps
Vanadium	51-2	163	140	140	148	9.12	cps
Yttrium	89-1	14203574	14115477	14233765	14184272	0.43	cps
Yttrium	89-2	3890423	3920142	3901411	3903992	0.38	cps
Zinc	66-2	977	873	777	876	11.42	cps
Zirconium	90-1	3380	2594	2290	2755	20.43	cps
Zirconium	91-1	677	633	460	590	19.43	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	863	890	803	852	5.21	cps
Antimony	121-1	670	623	667	653	3.99	cps
Arsenic	75-2	27	33	17	26	32.81	cps
Barium	135-1	420	433	350	401	11.16	cps
Barium	137-1	720	663	683	689	4.17	cps
Beryllium	9-1	97	127	93	106	17.39	cps
Bismuth	209-1	9754980	9616413	9694563	9688652	0.72	cps
Bismuth	209-2	8464698	8394271	8412418	8423796	0.43	cps
Bromine	81-1	13903	13917	14621	14147	2.90	cps
Bromine	81-2	213	190	290	231	22.64	cps
Cadmium	108-1	23	13	10	16	44.60	cps
Cadmium	106-1	3691	3791	3604	3695	2.53	cps
Cadmium	111-1	2672	2749	2614	2678	2.53	cps
Calcium	43-1	647	653	613	638	3.36	cps
Calcium	44-1	16142	16219	15955	16105	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1123	1260	1210	1198	5.77	cps
Cobalt	59-2	257	343	347	316	16.17	cps
Copper	63-2	2614	2684	2727	2675	2.14	cps
Dysprosium	156-1	13	10	20	14	35.26	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	57	60	57	58	3.33	cps
Erbium	164-2	50	43	37	43	15.38	cps
Gadolinium	160-1	60	73	43	59	25.53	cps
Gadolinium	160-2	587	587	580	584	0.66	cps
Holmium	165-1	15504548	15405268	15476869	15462228	0.33	cps
Holmium	165-2	11516225	11503148	11551720	11523698	0.22	cps
Indium	115-1	12750183	12775649	12816543	12780792	0.26	cps
Indium	115-2	4772196	4780618	4752680	4768498	0.30	cps
Iron	56-2	46575	46445	46411	46477	0.19	cps
Iron	57-2	1600	1683	1627	1637	2.60	cps
Iron	54-2	4011	3801	4004	3938	3.03	cps
Krypton	83-1	247	213	250	237	8.57	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2520	2597	2520	2546	1.74	cps
Lead	207-1	2280	2210	2330	2274	2.65	cps
Lead	208-1	9995	10158	10238	10130	1.22	cps
Lithium	6-1	1634356	1583765	1619785	1612636	1.61	cps
Magnesium	24-2	6395	6038	6245	6226	2.88	cps
Manganese	55-2	1243	1310	1140	1231	6.96	cps
Molybdenum	94-1	1470	1360	1410	1413	3.90	cps
Molybdenum	95-1	1557	1560	1663	1593	3.81	cps
Molybdenum	96-1	1970	1867	1933	1923	2.72	cps
Molybdenum	97-1	983	1047	960	997	4.50	cps
Molybdenum	98-1	2567	2504	2514	2528	1.35	cps
Neodymium	150-1	17	0	10	9	94.38	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	530	507	547	528	3.81	cps
Phosphorus	31-2	203	193	227	208	8.23	cps
Potassium	39-2	58813	58649	58421	58628	0.34	cps
Rhodium	103-1	11778660	11486238	11764589	11676496	1.41	cps
Rhodium	103-2	7237418	7323283	7215171	7258624	0.79	cps
Scandium	45-1	6735283	6611567	6710015	6685622	0.98	cps
Scandium	45-2	588333	586739	590816	588630	0.35	cps
Selenium	82-1	191	250	163	201	22.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	467	423	487	459	7.06	cps
Silicon	28-1	657584	654756	654001	655447	0.29	cps
Silver	107-1	663	673	727	688	5.00	cps
Silver	109-1	597	597	497	563	10.25	cps
Sodium	23-2	41262	40791	40740	40931	0.70	cps
Strontium	86-1	490	460	500	483	4.31	cps
Strontium	88-1	953	970	1093	1006	7.61	cps
Sulfur	34-1	191386	193479	194869	193244	0.91	cps
Terbium	159-1	15851656	15701834	15591294	15714928	0.83	cps
Terbium	159-2	11331469	11304880	11303528	11313292	0.14	cps
Thallium	203-1	1313	1330	1373	1339	2.31	cps
Thallium	205-1	3360	3207	3247	3272	2.43	cps
Tin	118-1	2277	2184	2180	2214	2.48	cps
Titanium	47-1	470	490	430	463	6.59	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BL	Instrumnet Name :	P7
Client Sample ID :	PBS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:26:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	827	803	887	839	5.12	cps
Vanadium	51-2	113	140	137	130	11.17	cps
Yttrium	89-1	14717544	14659475	14619731	14665583	0.34	cps
Yttrium	89-2	3986295	4064985	3999842	4017041	1.05	cps
Zinc	66-2	640	627	590	619	4.18	cps
Zirconium	90-1	1143	1360	1230	1245	8.76	cps
Zirconium	91-1	253	303	240	266	12.57	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2938097	2880956	2883938	2900997	1.11	cps
Antimony	121-1	6940642	6987949	7055494	6994695	0.83	cps
Arsenic	75-2	345761	346359	344552	345557	0.27	cps
Barium	135-1	8735790	8836077	8758950	8776939	0.60	cps
Barium	137-1	15044068	15211182	15130610	15128620	0.55	cps
Beryllium	9-1	714802	735348	733625	727925	1.57	cps
Bismuth	209-1	9190517	9306044	9373787	9290116	1.00	cps
Bismuth	209-2	8134203	8232145	8035013	8133787	1.21	cps
Bromine	81-1	13129	13103	12922	13051	0.86	cps
Bromine	81-2	137	180	147	154	14.69	cps
Cadmium	108-1	128980	129882	130642	129834	0.64	cps
Cadmium	106-1	184060	185630	184499	184730	0.44	cps
Cadmium	111-1	1822337	1831428	1837738	1830501	0.42	cps
Calcium	43-1	1738898	1754158	1758782	1750613	0.59	cps
Calcium	44-1	27962059	28251200	27678107	27963789	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2660213	2640278	2618029	2639507	0.80	cps
Cobalt	59-2	4118344	4182951	4180466	4160587	0.88	cps
Copper	63-2	30764719	30629754	30441295	30611923	0.53	cps
Dysprosium	156-1	127	117	110	118	7.12	cps
Dysprosium	156-2	437	490	403	443	9.86	cps
Erbium	164-1	107	140	137	128	14.37	cps
Erbium	164-2	90	90	127	102	20.71	cps
Gadolinium	160-1	100	123	143	122	17.75	cps
Gadolinium	160-2	637	637	690	654	4.70	cps
Holmium	165-1	15115301	15351872	15440439	15302537	1.10	cps
Holmium	165-2	11318771	11464564	11368907	11384081	0.65	cps
Indium	115-1	11852532	11916924	12011065	11926840	0.67	cps
Indium	115-2	4401316	4430654	4382751	4404907	0.55	cps
Iron	56-2	123454701	123960978	123397905	123604528	0.25	cps
Iron	57-2	3089862	3088927	3074022	3084270	0.29	cps
Iron	54-2	6871073	6731266	6779704	6794014	1.04	cps
Krypton	83-1	200	233	173	202	14.87	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27316565	27665224	27434380	27472057	0.65	cps
Lead	207-1	23949029	24320852	24439224	24236368	1.06	cps
Lead	208-1	108903315	110993257	110619427	110171999	1.01	cps
Lithium	6-1	1606329	1609328	1592743	1602800	0.55	cps
Magnesium	24-2	22946694	22820325	22735014	22834011	0.47	cps
Manganese	55-2	21210130	20923836	21034651	21056206	0.69	cps
Molybdenum	94-1	23648986	23659189	23613041	23640405	0.10	cps
Molybdenum	95-1	33826485	34504343	34328773	34219867	1.03	cps
Molybdenum	96-1	37598644	37721551	37834143	37718112	0.31	cps
Molybdenum	97-1	21149701	21322766	21306813	21259760	0.45	cps
Molybdenum	98-1	55003531	54825009	55063774	54964105	0.23	cps
Neodymium	150-1	363	450	463	426	12.76	cps
Neodymium	150-2	100	113	63	92	28.08	cps
Nickel	60-2	1027202	1025127	1020228	1024185	0.35	cps
Phosphorus	31-2	136997	136841	135621	136486	0.55	cps
Potassium	39-2	14881859	14637267	14640222	14719783	0.95	cps
Rhodium	103-1	10886076	10663447	10754155	10767893	1.04	cps
Rhodium	103-2	6722489	6633291	6658082	6671287	0.69	cps
Scandium	45-1	6372376	6332016	6314330	6339574	0.47	cps
Scandium	45-2	550254	551472	550162	550629	0.13	cps
Selenium	82-1	107696	108614	108620	108310	0.49	cps
Selenium	77-2	11174	10981	11318	11158	1.52	cps
Selenium	78-2	36532	37257	36572	36787	1.11	cps
Silicon	28-1	3740799	3803633	3894997	3813143	2.03	cps
Silver	107-1	8976592	9131858	9047515	9051988	0.86	cps
Silver	109-1	8453251	8606284	8597339	8552291	1.00	cps
Sodium	23-2	37798523	37525262	37324259	37549348	0.63	cps
Strontium	86-1	2130970	2153340	2160312	2148207	0.71	cps
Strontium	88-1	18640748	18845907	18929681	18805446	0.79	cps
Sulfur	34-1	652321	654048	649795	652054	0.33	cps
Terbium	159-1	15474332	15312268	15462334	15416311	0.59	cps
Terbium	159-2	11096287	11165555	10998497	11086779	0.76	cps
Thallium	203-1	6903574	7025347	6956673	6961864	0.88	cps
Thallium	205-1	16132081	16446301	16396805	16325062	1.03	cps
Tin	118-1	5689706	5759295	5794555	5747852	0.93	cps
Titanium	47-1	8116521	8033936	8111860	8087439	0.57	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165717BS	Instrumnet Name :	P7
Client Sample ID :	LCS717	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 16:35:30	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20853179	21136358	21328379	21105972	1.13	cps
Vanadium	51-2	2312144	2300188	2303104	2305145	0.27	cps
Yttrium	89-1	13882164	13780016	14026746	13896308	0.89	cps
Yttrium	89-2	3761801	3791666	3786042	3779836	0.42	cps
Zinc	66-2	5121734	5117571	5198739	5146015	0.89	cps
Zirconium	90-1	11382720	11571570	11702452	11552247	1.39	cps
Zirconium	91-1	2533111	2559210	2594936	2562419	1.21	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30815	29956	31445	30739	2.43	cps
Antimony	121-1	1790	1693	1500	1661	8.89	cps
Arsenic	75-2	93	87	87	89	4.33	cps
Barium	135-1	13687	13200	13600	13495	1.93	cps
Barium	137-1	22858	23186	24161	23402	2.89	cps
Beryllium	9-1	217	213	213	214	0.90	cps
Bismuth	209-1	9326357	9254825	9503030	9361404	1.36	cps
Bismuth	209-2	8258493	8171790	8276433	8235572	0.68	cps
Bromine	81-1	13032	12966	13083	13027	0.45	cps
Bromine	81-2	207	270	233	237	13.44	cps
Cadmium	108-1	47	40	47	44	8.66	cps
Cadmium	106-1	3147	3117	3294	3186	2.97	cps
Cadmium	111-1	2347	2347	2402	2365	1.35	cps
Calcium	43-1	2550	2557	2644	2584	2.02	cps
Calcium	44-1	46615	46999	47354	46989	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5091	5121	5028	5080	0.94	cps
Cobalt	59-2	1050	980	970	1000	4.36	cps
Copper	63-2	4787	4761	4604	4717	2.10	cps
Dysprosium	156-1	1210	1337	1277	1275	4.97	cps
Dysprosium	156-2	1020	1050	1163	1078	7.01	cps
Erbium	164-1	1323	1420	1347	1363	3.70	cps
Erbium	164-2	1027	1027	987	1013	2.28	cps
Gadolinium	160-1	1327	1257	1080	1221	10.41	cps
Gadolinium	160-2	1550	1500	1623	1558	3.98	cps
Holmium	165-1	14626696	14555611	14788236	14656848	0.81	cps
Holmium	165-2	11348738	11268863	11347765	11321789	0.40	cps
Indium	115-1	11747258	12029915	12056150	11944441	1.43	cps
Indium	115-2	4581194	4590225	4609242	4593553	0.31	cps
Iron	56-2	966094	1000826	974915	980612	1.84	cps
Iron	57-2	25201	24607	23492	24433	3.55	cps
Iron	54-2	56391	54505	54030	54975	2.27	cps
Krypton	83-1	243	133	203	193	28.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7852	7696	7285	7611	3.85	cps
Lead	207-1	6522	6402	6241	6388	2.20	cps
Lead	208-1	30497	29953	28852	29767	2.81	cps
Lithium	6-1	1579201	1589176	1545012	1571130	1.47	cps
Magnesium	24-2	8482	8242	8532	8419	1.84	cps
Manganese	55-2	8036	8149	7946	8043	1.27	cps
Molybdenum	94-1	6882	6692	6385	6653	3.77	cps
Molybdenum	95-1	3080	2597	2497	2725	11.45	cps
Molybdenum	96-1	4164	4014	3584	3921	7.68	cps
Molybdenum	97-1	1873	1840	1660	1791	6.41	cps
Molybdenum	98-1	5184	4201	4207	4531	12.49	cps
Neodymium	150-1	1477	1533	1673	1561	6.49	cps
Neodymium	150-2	993	1150	1070	1071	7.31	cps
Nickel	60-2	813	763	717	764	6.32	cps
Phosphorus	31-2	247	247	277	257	6.75	cps
Potassium	39-2	72441	72220	72455	72372	0.18	cps
Rhodium	103-1	10896743	11283997	11165322	11115354	1.78	cps
Rhodium	103-2	7002297	6986682	7005754	6998244	0.15	cps
Scandium	45-1	6182641	6242172	6241443	6222085	0.55	cps
Scandium	45-2	553195	555482	554493	554390	0.21	cps
Selenium	82-1	194	296	212	234	23.12	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	430	457	400	429	6.61	cps
Silicon	28-1	1293810	1383385	1235109	1304101	5.73	cps
Silver	107-1	957	862	891	903	5.41	cps
Silver	109-1	910	770	697	792	13.68	cps
Sodium	23-2	43471	43418	42682	43190	1.02	cps
Strontium	86-1	1640	1560	1663	1621	3.34	cps
Strontium	88-1	11101	10758	11488	11116	3.29	cps
Sulfur	34-1	172198	174322	173644	173388	0.63	cps
Terbium	159-1	14903117	15505220	15439895	15282744	2.16	cps
Terbium	159-2	11120997	10897063	10987982	11002014	1.02	cps
Thallium	203-1	1360	1257	1097	1238	10.72	cps
Thallium	205-1	3304	2930	2724	2986	9.85	cps
Tin	118-1	7249	7435	7275	7320	1.38	cps
Titanium	47-1	5228	7991	5341	6186	25.27	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:39:46	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3424	3187	2984	3198	6.89	cps
Vanadium	51-2	3811	3804	3937	3851	1.95	cps
Yttrium	89-1	13910594	13978525	13881137	13923419	0.36	cps
Yttrium	89-2	3907426	3853222	3830171	3863607	1.03	cps
Zinc	66-2	1213	1127	1247	1196	5.18	cps
Zirconium	90-1	14300	14127	13977	14135	1.15	cps
Zirconium	91-1	3094	3120	3989	3401	14.98	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31186	34245	32439	32623	4.71	cps
Antimony	121-1	583	650	620	618	5.40	cps
Arsenic	75-2	63	73	83	73	13.64	cps
Barium	135-1	13550	14097	13767	13805	2.00	cps
Barium	137-1	23890	24064	24197	24050	0.64	cps
Beryllium	9-1	133	157	127	139	11.34	cps
Bismuth	209-1	9300383	9340051	9506734	9382389	1.17	cps
Bismuth	209-2	8317224	8273582	8312500	8301102	0.29	cps
Bromine	81-1	12752	13193	13199	13048	1.96	cps
Bromine	81-2	167	197	170	178	9.25	cps
Cadmium	108-1	30	20	20	23	24.74	cps
Cadmium	106-1	3347	3347	3414	3369	1.14	cps
Cadmium	111-1	2366	2378	2440	2395	1.66	cps
Calcium	43-1	2330	2407	2314	2350	2.12	cps
Calcium	44-1	42550	43462	43372	43128	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5058	5078	5201	5112	1.52	cps
Cobalt	59-2	727	713	753	731	2.79	cps
Copper	63-2	3287	3717	3597	3534	6.28	cps
Dysprosium	156-1	1333	1207	1200	1247	6.03	cps
Dysprosium	156-2	1050	1107	1080	1079	2.63	cps
Erbium	164-1	1290	1283	1250	1275	1.68	cps
Erbium	164-2	1017	993	1107	1039	5.76	cps
Gadolinium	160-1	1183	1263	1213	1220	3.31	cps
Gadolinium	160-2	1487	1520	1643	1550	5.32	cps
Holmium	165-1	14425677	14924442	15161337	14837152	2.53	cps
Holmium	165-2	11431490	11176599	11286707	11298265	1.13	cps
Indium	115-1	11850455	12114390	12217674	12060840	1.57	cps
Indium	115-2	4679408	4635033	4626140	4646860	0.61	cps
Iron	56-2	975869	990679	975303	980617	0.89	cps
Iron	57-2	24794	24894	25085	24924	0.59	cps
Iron	54-2	54839	55676	55080	55199	0.78	cps
Krypton	83-1	217	260	247	241	9.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6211	6221	6368	6267	1.40	cps
Lead	207-1	5128	5538	5068	5245	4.88	cps
Lead	208-1	23945	24653	24425	24341	1.48	cps
Lithium	6-1	1555844	1554741	1595904	1568830	1.49	cps
Magnesium	24-2	4621	4597	4537	4585	0.94	cps
Manganese	55-2	7188	7165	7108	7154	0.58	cps
Molybdenum	94-1	5411	5171	5521	5368	3.34	cps
Molybdenum	95-1	917	870	893	893	2.61	cps
Molybdenum	96-1	1780	1883	1893	1852	3.39	cps
Molybdenum	97-1	553	530	510	531	4.08	cps
Molybdenum	98-1	1410	1607	1440	1486	7.13	cps
Neodymium	150-1	1597	1720	1617	1645	4.03	cps
Neodymium	150-2	963	1050	1130	1048	7.96	cps
Nickel	60-2	633	653	703	663	5.44	cps
Phosphorus	31-2	270	280	273	274	1.86	cps
Potassium	39-2	69012	69779	69951	69581	0.72	cps
Rhodium	103-1	11161497	11153304	11317104	11210635	0.82	cps
Rhodium	103-2	7099707	7094128	7076021	7089952	0.17	cps
Scandium	45-1	6307729	6332240	6420388	6353452	0.93	cps
Scandium	45-2	567395	569164	564036	566865	0.46	cps
Selenium	82-1	194	197	195	195	1.01	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	403	430	430	421	3.66	cps
Silicon	28-1	1355561	1512130	1498173	1455288	5.95	cps
Silver	107-1	270	314	314	299	8.54	cps
Silver	109-1	257	213	223	231	9.82	cps
Sodium	23-2	35357	35651	35778	35596	0.61	cps
Strontium	86-1	1740	1530	1520	1597	7.78	cps
Strontium	88-1	10277	10514	10414	10402	1.14	cps
Sulfur	34-1	173802	173287	176955	174681	1.14	cps
Terbium	159-1	15235489	15311123	15327777	15291463	0.32	cps
Terbium	159-2	11151303	11237152	10998966	11129140	1.08	cps
Thallium	203-1	747	670	683	700	5.85	cps
Thallium	205-1	1783	1593	1600	1659	6.50	cps
Tin	118-1	7385	7275	7525	7395	1.70	cps
Titanium	47-1	5788	4827	6015	5544	11.37	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:43:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2064	2982	2217	2421	20.33	cps
Vanadium	51-2	3991	3827	4081	3966	3.24	cps
Yttrium	89-1	13817917	14041841	14144642	14001467	1.19	cps
Yttrium	89-2	3852994	3924918	3825232	3867715	1.33	cps
Zinc	66-2	860	910	810	860	5.81	cps
Zirconium	90-1	13660	14549	15660	14623	6.85	cps
Zirconium	91-1	3070	3090	3180	3114	1.88	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5885	5771	5965	5873	1.65	cps
Antimony	121-1	273	340	333	316	11.64	cps
Arsenic	75-2	37	13	17	22	56.80	cps
Barium	135-1	2834	2947	2664	2815	5.07	cps
Barium	137-1	4681	4914	4661	4752	2.97	cps
Beryllium	9-1	97	73	90	87	13.87	cps
Bismuth	209-1	9478555	9612584	9651482	9580873	0.95	cps
Bismuth	209-2	8429713	8478996	8399473	8436061	0.48	cps
Bromine	81-1	13433	13633	13496	13521	0.76	cps
Bromine	81-2	173	160	157	163	5.40	cps
Cadmium	108-1	3	13	17	11	62.48	cps
Cadmium	106-1	3510	3397	3517	3475	1.94	cps
Cadmium	111-1	2506	2403	2478	2462	2.16	cps
Calcium	43-1	740	730	713	728	1.85	cps
Calcium	44-1	17263	17157	17657	17359	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1783	1997	1780	1853	6.70	cps
Cobalt	59-2	247	240	200	229	11.03	cps
Copper	63-2	1527	1440	1557	1508	4.02	cps
Dysprosium	156-1	257	287	253	266	6.91	cps
Dysprosium	156-2	250	200	273	241	15.54	cps
Erbium	164-1	307	317	340	321	5.33	cps
Erbium	164-2	313	227	213	251	21.62	cps
Gadolinium	160-1	273	360	257	297	18.70	cps
Gadolinium	160-2	740	907	787	811	10.60	cps
Holmium	165-1	15132743	15284637	15060094	15159158	0.76	cps
Holmium	165-2	11683426	11542017	11410197	11545213	1.18	cps
Indium	115-1	12419379	12579584	12625752	12541571	0.86	cps
Indium	115-2	4746044	4747302	4744421	4745922	0.03	cps
Iron	56-2	212572	214034	210476	212360	0.84	cps
Iron	57-2	6088	5751	5895	5911	2.86	cps
Iron	54-2	13036	12936	12916	12962	0.50	cps
Krypton	83-1	243	297	197	246	20.38	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2024	2150	2157	2110	3.56	cps
Lead	207-1	1820	1667	1770	1752	4.46	cps
Lead	208-1	8181	8031	8348	8187	1.94	cps
Lithium	6-1	1614171	1589883	1590300	1598118	0.87	cps
Magnesium	24-2	1867	1850	2037	1918	5.39	cps
Manganese	55-2	1837	1927	1710	1825	5.97	cps
Molybdenum	94-1	1497	1337	1427	1420	5.65	cps
Molybdenum	95-1	323	320	317	320	1.04	cps
Molybdenum	96-1	570	460	553	528	11.23	cps
Molybdenum	97-1	213	187	183	194	8.46	cps
Molybdenum	98-1	540	377	500	472	18.03	cps
Neodymium	150-1	270	370	377	339	17.63	cps
Neodymium	150-2	207	220	183	203	9.13	cps
Nickel	60-2	483	497	510	497	2.68	cps
Phosphorus	31-2	183	150	167	167	10.00	cps
Potassium	39-2	58147	57438	58251	57945	0.76	cps
Rhodium	103-1	11401057	11695076	11494922	11530351	1.30	cps
Rhodium	103-2	7194082	7223891	7200801	7206258	0.22	cps
Scandium	45-1	6481951	6458506	6535134	6491864	0.60	cps
Scandium	45-2	581337	581525	575712	579525	0.57	cps
Selenium	82-1	243	126	233	201	32.46	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	497	423	443	454	8.34	cps
Silicon	28-1	745149	971263	742566	819660	16.02	cps
Silver	107-1	194	147	157	166	14.88	cps
Silver	109-1	120	143	140	134	9.39	cps
Sodium	23-2	29131	28967	29007	29035	0.29	cps
Strontium	86-1	603	623	650	626	3.74	cps
Strontium	88-1	2417	2210	2337	2321	4.49	cps
Sulfur	34-1	182414	182499	185511	183475	0.96	cps
Terbium	159-1	15443462	15525067	15472323	15480284	0.27	cps
Terbium	159-2	11408455	11333572	11179525	11307184	1.03	cps
Thallium	203-1	540	520	603	554	7.85	cps
Thallium	205-1	1267	1440	1233	1313	8.45	cps
Tin	118-1	2990	2867	2787	2881	3.56	cps
Titanium	47-1	1080	1007	1063	1050	3.66	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	25
Date & Time Acquired :	2024-12-19 16:46:16	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	480	477	410	456	8.67	cps
Vanadium	51-2	790	817	910	839	7.51	cps
Yttrium	89-1	14283193	14280356	14297864	14287138	0.07	cps
Yttrium	89-2	3957082	4000511	3966260	3974618	0.58	cps
Zinc	66-2	610	673	617	633	5.50	cps
Zirconium	90-1	3224	3304	3370	3299	2.23	cps
Zirconium	91-1	713	720	790	741	5.73	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	651735	655674	659430	655613	0.59	cps
Antimony	121-1	1738642	1777115	1767229	1760995	1.13	cps
Arsenic	75-2	91158	91449	90719	91109	0.40	cps
Barium	135-1	1982782	1986401	1985833	1985005	0.10	cps
Barium	137-1	3415018	3430477	3456898	3434131	0.62	cps
Beryllium	9-1	183699	184194	186814	184903	0.91	cps
Bismuth	209-1	9513082	9582198	9603219	9566166	0.49	cps
Bismuth	209-2	8403157	8341304	8340305	8361588	0.43	cps
Bromine	81-1	13790	14220	13833	13948	1.70	cps
Bromine	81-2	217	173	190	193	11.31	cps
Cadmium	108-1	33398	34007	33970	33792	1.01	cps
Cadmium	106-1	51180	50879	51648	51235	0.76	cps
Cadmium	111-1	476840	480676	481692	479736	0.53	cps
Calcium	43-1	373976	381678	380028	378560	1.07	cps
Calcium	44-1	5793581	5921961	5863985	5859842	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	665763	666194	661305	664421	0.41	cps
Cobalt	59-2	1083590	1082286	1080905	1082260	0.12	cps
Copper	63-2	6337492	6322455	6273041	6310996	0.53	cps
Dysprosium	156-1	1127	1177	1273	1192	6.25	cps
Dysprosium	156-2	1123	1210	1183	1172	3.79	cps
Erbium	164-1	1260	1327	1280	1289	2.65	cps
Erbium	164-2	1007	953	967	976	2.84	cps
Gadolinium	160-1	1237	1307	1263	1269	2.78	cps
Gadolinium	160-2	1433	1543	1533	1503	4.05	cps
Holmium	165-1	15242641	15215534	15338433	15265536	0.42	cps
Holmium	165-2	11638896	11580963	11476802	11565554	0.71	cps
Indium	115-1	12509265	12446335	12531258	12495619	0.35	cps
Indium	115-2	4678915	4658129	4638869	4658638	0.43	cps
Iron	56-2	29665692	29712414	29889754	29755953	0.40	cps
Iron	57-2	757735	755235	752944	755305	0.32	cps
Iron	54-2	1642348	1610249	1630520	1627706	1.00	cps
Krypton	83-1	243	273	260	259	5.81	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5217258	5179323	5312929	5236503	1.31	cps
Lead	207-1	4643259	4632219	4691636	4655705	0.68	cps
Lead	208-1	20960137	20873939	21191377	21008484	0.78	cps
Lithium	6-1	1605107	1620118	1642735	1622653	1.17	cps
Magnesium	24-2	4763409	4713061	4710849	4729106	0.63	cps
Manganese	55-2	4037454	3992246	3978332	4002677	0.77	cps
Molybdenum	94-1	3701075	3708633	3754161	3721290	0.77	cps
Molybdenum	95-1	4690900	4676559	4689966	4685808	0.17	cps
Molybdenum	96-1	5217293	5237562	5257453	5237436	0.38	cps
Molybdenum	97-1	2907008	2905285	2910964	2907752	0.10	cps
Molybdenum	98-1	7565507	7476139	7550930	7530858	0.64	cps
Neodymium	150-1	1630	1673	1557	1620	3.64	cps
Neodymium	150-2	957	930	1020	969	4.77	cps
Nickel	60-2	269409	269918	268625	269317	0.24	cps
Phosphorus	31-2	243	270	267	260	5.59	cps
Potassium	39-2	3520584	3473331	3428643	3474186	1.32	cps
Rhodium	103-1	11424409	11458727	11607211	11496782	0.85	cps
Rhodium	103-2	7160237	7157132	7096742	7138037	0.50	cps
Scandium	45-1	6664428	6646125	6613192	6641249	0.39	cps
Scandium	45-2	583109	580849	575503	579820	0.67	cps
Selenium	82-1	27606	28244	28047	27966	1.17	cps
Selenium	77-2	3010	2860	2870	2914	2.88	cps
Selenium	78-2	10093	10197	9880	10057	1.61	cps
Silicon	28-1	1945992	2340166	2027517	2104558	9.89	cps
Silver	107-1	45693	46631	46338	46220	1.04	cps
Silver	109-1	2587	2390	2614	2530	4.82	cps
Sodium	23-2	7768771	7666476	7693741	7709662	0.69	cps
Strontium	86-1	537987	537262	539923	538391	0.26	cps
Strontium	88-1	4733670	4768478	4888856	4797001	1.70	cps
Sulfur	34-1	184907	183750	184721	184460	0.34	cps
Terbium	159-1	15460024	15708950	15789766	15652914	1.10	cps
Terbium	159-2	11269692	11273617	11256567	11266625	0.08	cps
Thallium	203-1	1594891	1627400	1630317	1617536	1.22	cps
Thallium	205-1	3998424	4029583	4087755	4038587	1.12	cps
Tin	118-1	1263685	1276626	1282043	1274118	0.74	cps
Titanium	47-1	723974	730123	720828	724975	0.65	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:49:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5179881	5282902	5256690	5239824	1.02	cps
Vanadium	51-2	601004	596441	591154	596200	0.83	cps
Yttrium	89-1	14313612	14562625	14532206	14469481	0.94	cps
Yttrium	89-2	4014270	3988464	3956463	3986399	0.73	cps
Zinc	66-2	1019203	1021322	1018640	1019722	0.14	cps
Zirconium	90-1	2925597	2984851	2972781	2961076	1.06	cps
Zirconium	91-1	642372	642352	647004	643910	0.42	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	655827	651842	653675	653781	0.31	cps
Antimony	121-1	1724164	1721647	1749824	1731878	0.90	cps
Arsenic	75-2	91134	91047	90356	90846	0.47	cps
Barium	135-1	1983874	1984256	1979658	1982596	0.13	cps
Barium	137-1	3423254	3386625	3430901	3413594	0.69	cps
Beryllium	9-1	186268	190583	188977	188610	1.16	cps
Bismuth	209-1	9618411	9624967	9570356	9604578	0.31	cps
Bismuth	209-2	8304820	8322677	8413459	8346985	0.70	cps
Bromine	81-1	14147	13957	14157	14087	0.80	cps
Bromine	81-2	180	163	160	168	6.39	cps
Cadmium	108-1	33515	34668	34431	34205	1.78	cps
Cadmium	106-1	50889	52090	52043	51674	1.32	cps
Cadmium	111-1	473745	483051	479699	478832	0.98	cps
Calcium	43-1	371040	376089	378113	375081	0.97	cps
Calcium	44-1	5705144	5829256	5819071	5784490	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	662862	657821	660548	660410	0.38	cps
Cobalt	59-2	1078343	1065024	1074045	1072471	0.63	cps
Copper	63-2	6271037	6203362	6266751	6247050	0.61	cps
Dysprosium	156-1	1317	1253	1403	1325	5.69	cps
Dysprosium	156-2	1013	1187	1193	1131	9.02	cps
Erbium	164-1	1233	1370	1273	1292	5.44	cps
Erbium	164-2	1013	1070	943	1009	6.29	cps
Gadolinium	160-1	1093	1287	1220	1200	8.18	cps
Gadolinium	160-2	1417	1527	1460	1468	3.78	cps
Holmium	165-1	15612406	15341692	15407021	15453706	0.91	cps
Holmium	165-2	11611692	11523488	11629230	11588137	0.49	cps
Indium	115-1	12496560	12269135	12308218	12357971	0.98	cps
Indium	115-2	4610542	4633589	4586113	4610081	0.51	cps
Iron	56-2	29470381	29288936	29407283	29388867	0.31	cps
Iron	57-2	748783	750011	744733	747842	0.37	cps
Iron	54-2	1613501	1631316	1642734	1629184	0.90	cps
Krypton	83-1	260	240	213	238	9.85	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5253730	5345202	5270859	5289930	0.92	cps
Lead	207-1	4610224	4663240	4740182	4671215	1.40	cps
Lead	208-1	21103823	21298592	21225780	21209398	0.46	cps
Lithium	6-1	1663359	1626460	1646849	1645556	1.12	cps
Magnesium	24-2	4674530	4742393	4705188	4707370	0.72	cps
Manganese	55-2	3962174	3899028	3981861	3947687	1.10	cps
Molybdenum	94-1	3684343	3748872	3679642	3704286	1.04	cps
Molybdenum	95-1	4661152	4711027	4625717	4665965	0.92	cps
Molybdenum	96-1	5123432	5188014	5124286	5145244	0.72	cps
Molybdenum	97-1	2881849	2936451	2910471	2909590	0.94	cps
Molybdenum	98-1	7420592	7502450	7458160	7460401	0.55	cps
Neodymium	150-1	1717	1740	1790	1749	2.14	cps
Neodymium	150-2	1037	943	1100	1027	7.68	cps
Nickel	60-2	269732	270898	267442	269358	0.65	cps
Phosphorus	31-2	257	213	280	250	13.53	cps
Potassium	39-2	3467879	3464356	3416617	3449617	0.83	cps
Rhodium	103-1	11476763	11420041	11380722	11425842	0.42	cps
Rhodium	103-2	7074863	7062512	7015438	7050938	0.44	cps
Scandium	45-1	6667581	6594302	6568614	6610165	0.78	cps
Scandium	45-2	567029	566032	573269	568777	0.69	cps
Selenium	82-1	27461	27751	28036	27749	1.04	cps
Selenium	77-2	2980	2970	2884	2945	1.81	cps
Selenium	78-2	10437	10207	10070	10238	1.81	cps
Silicon	28-1	1907543	1871106	1945525	1908058	1.95	cps
Silver	107-1	46258	46421	46948	46542	0.78	cps
Silver	109-1	2380	2624	2444	2482	5.09	cps
Sodium	23-2	7707782	7658161	7623033	7662992	0.56	cps
Strontium	86-1	531263	535055	535001	533773	0.41	cps
Strontium	88-1	4762171	4759151	4768243	4763189	0.10	cps
Sulfur	34-1	189739	189240	186695	188558	0.87	cps
Terbium	159-1	15680973	15560687	15756137	15665933	0.63	cps
Terbium	159-2	11177047	11310551	11187900	11225166	0.66	cps
Thallium	203-1	1605338	1604216	1629001	1612852	0.87	cps
Thallium	205-1	4065123	4177128	4093077	4111776	1.42	cps
Tin	118-1	1262914	1272312	1271934	1269053	0.42	cps
Titanium	47-1	708826	720620	725561	718336	1.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:52:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5249638	5278359	5338432	5288810	0.86	cps
Vanadium	51-2	588508	592099	587884	589497	0.39	cps
Yttrium	89-1	14409794	14518382	14333240	14420472	0.65	cps
Yttrium	89-2	3949176	3916604	3885777	3917186	0.81	cps
Zinc	66-2	1012457	1013015	1008779	1011417	0.23	cps
Zirconium	90-1	2875230	2954943	2932299	2920824	1.41	cps
Zirconium	91-1	635604	640698	643663	639988	0.64	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	654624	645960	645350	648644	0.80	cps
Antimony	121-1	1722817	1736078	1754124	1737673	0.90	cps
Arsenic	75-2	90493	90738	89689	90307	0.61	cps
Barium	135-1	1989990	1993920	2003798	1995903	0.36	cps
Barium	137-1	3432983	3419330	3474697	3442337	0.84	cps
Beryllium	9-1	186859	191387	189750	189332	1.21	cps
Bismuth	209-1	9561511	9534310	9521490	9539104	0.21	cps
Bismuth	209-2	8303551	8187899	8178617	8223355	0.85	cps
Bromine	81-1	13963	13900	13923	13929	0.23	cps
Bromine	81-2	197	160	167	174	11.20	cps
Cadmium	108-1	33191	33218	33308	33239	0.18	cps
Cadmium	106-1	51133	51468	51133	51244	0.38	cps
Cadmium	111-1	473005	480735	479786	477842	0.88	cps
Calcium	43-1	370188	374725	374718	373211	0.70	cps
Calcium	44-1	5690150	5780235	5818801	5763062	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	662740	652233	651320	655431	0.97	cps
Cobalt	59-2	1071460	1066326	1067072	1068286	0.26	cps
Copper	63-2	6265304	6185433	6263196	6237978	0.73	cps
Dysprosium	156-1	1397	1283	1327	1336	4.28	cps
Dysprosium	156-2	1073	1047	1100	1073	2.49	cps
Erbium	164-1	1203	1237	1233	1225	1.50	cps
Erbium	164-2	837	980	953	923	8.26	cps
Gadolinium	160-1	1187	1233	1290	1237	4.18	cps
Gadolinium	160-2	1377	1473	1433	1428	3.40	cps
Holmium	165-1	15272589	15376368	15327739	15325565	0.34	cps
Holmium	165-2	11366714	11329960	11246331	11314335	0.55	cps
Indium	115-1	12251059	12260386	12307243	12272896	0.25	cps
Indium	115-2	4586148	4582833	4541023	4570002	0.55	cps
Iron	56-2	29482909	29250465	29337545	29356973	0.40	cps
Iron	57-2	747888	740015	739541	742482	0.63	cps
Iron	54-2	1603511	1612607	1594596	1603572	0.56	cps
Krypton	83-1	230	227	257	238	6.92	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5237917	5316021	5301586	5285175	0.79	cps
Lead	207-1	4651906	4658559	4672642	4661036	0.23	cps
Lead	208-1	21087789	21208893	21198286	21164989	0.32	cps
Lithium	6-1	1640592	1638867	1656749	1645403	0.60	cps
Magnesium	24-2	4689365	4733817	4642687	4688623	0.97	cps
Manganese	55-2	3980576	3931437	3921005	3944339	0.81	cps
Molybdenum	94-1	3651760	3687167	3730018	3689648	1.06	cps
Molybdenum	95-1	4606901	4701373	4704110	4670795	1.19	cps
Molybdenum	96-1	5159818	5147049	5219820	5175562	0.75	cps
Molybdenum	97-1	2889595	2913770	2859807	2887724	0.94	cps
Molybdenum	98-1	7368085	7433526	7431109	7410907	0.50	cps
Neodymium	150-1	1623	1727	1593	1648	4.25	cps
Neodymium	150-2	1057	903	1007	989	7.91	cps
Nickel	60-2	267349	266659	264640	266216	0.53	cps
Phosphorus	31-2	190	227	310	242	25.39	cps
Potassium	39-2	3487665	3423689	3423028	3444794	1.08	cps
Rhodium	103-1	11443182	11393319	11315559	11384020	0.56	cps
Rhodium	103-2	6950487	6929538	6951715	6943913	0.18	cps
Scandium	45-1	6447239	6519943	6618966	6528716	1.32	cps
Scandium	45-2	569058	566152	560901	565370	0.73	cps
Selenium	82-1	27940	27634	27911	27828	0.61	cps
Selenium	77-2	3054	2764	2817	2878	5.36	cps
Selenium	78-2	10080	10190	10264	10178	0.91	cps
Silicon	28-1	1908782	2004133	1912115	1941677	2.79	cps
Silver	107-1	45777	45878	46116	45923	0.38	cps
Silver	109-1	2327	2507	2430	2421	3.73	cps
Sodium	23-2	7753179	7740700	7614852	7702910	0.99	cps
Strontium	86-1	530163	539283	539372	536273	0.99	cps
Strontium	88-1	4661085	4756367	4810399	4742617	1.59	cps
Sulfur	34-1	186193	185200	186273	185889	0.32	cps
Terbium	159-1	15594224	15601715	15720048	15638662	0.45	cps
Terbium	159-2	11143755	11255872	10978893	11126173	1.25	cps
Thallium	203-1	1603347	1629833	1639782	1624321	1.16	cps
Thallium	205-1	3999744	4088279	4142531	4076851	1.77	cps
Tin	118-1	1252475	1274299	1271648	1266141	0.94	cps
Titanium	47-1	706978	720079	717848	714968	0.98	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5117-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB04I-10-1203	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 16:55:21	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5203277	5249206	5246903	5233129	0.49	cps
Vanadium	51-2	594237	590355	583011	589201	0.97	cps
Yttrium	89-1	14480007	14175795	14365762	14340522	1.07	cps
Yttrium	89-2	3862612	3837230	3838730	3846191	0.37	cps
Zinc	66-2	1018664	1008993	1001795	1009817	0.84	cps
Zirconium	90-1	2930933	2976285	2917995	2941738	1.04	cps
Zirconium	91-1	634974	640396	646409	640593	0.89	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14752801	14663250	14664339	14693463	0.35	cps
Antimony	121-1	6636981	6655999	6687512	6660164	0.38	cps
Arsenic	75-2	327185	325910	326213	326436	0.20	cps
Barium	135-1	8427706	8529024	8461626	8472785	0.61	cps
Barium	137-1	14535649	14797928	14633209	14655595	0.90	cps
Beryllium	9-1	695440	708444	705184	703023	0.96	cps
Bismuth	209-1	8717397	8736274	8887723	8780465	1.06	cps
Bismuth	209-2	7374628	7478168	7400227	7417674	0.73	cps
Bromine	81-1	12182	12275	12175	12211	0.46	cps
Bromine	81-2	140	173	137	150	13.52	cps
Cadmium	108-1	118640	120781	120855	120092	1.05	cps
Cadmium	106-1	169472	171549	171020	170680	0.63	cps
Cadmium	111-1	1637401	1688943	1689459	1671934	1.79	cps
Calcium	43-1	8265140	8340582	8288158	8297960	0.47	cps
Calcium	44-1	134247531	135184925	133298461	134243639	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2544589	2547298	2567898	2553261	0.50	cps
Cobalt	59-2	3964448	3961041	3929265	3951585	0.49	cps
Copper	63-2	27812572	27940865	27869634	27874357	0.23	cps
Dysprosium	156-1	337	350	340	342	2.03	cps
Dysprosium	156-2	657	587	617	620	5.66	cps
Erbium	164-1	353	373	317	348	8.26	cps
Erbium	164-2	220	270	237	242	10.51	cps
Gadolinium	160-1	257	310	233	267	14.74	cps
Gadolinium	160-2	727	700	723	717	2.03	cps
Holmium	165-1	14854309	14936204	14985176	14925230	0.44	cps
Holmium	165-2	11010503	11092779	10897516	11000266	0.89	cps
Indium	115-1	11122400	11092464	11352365	11189076	1.27	cps
Indium	115-2	4134370	4232553	4151806	4172910	1.26	cps
Iron	56-2	593737364	596531671	598978284	596415773	0.44	cps
Iron	57-2	14912637	14879684	15043789	14945370	0.58	cps
Iron	54-2	32377811	32602494	32715358	32565221	0.53	cps
Krypton	83-1	300	243	230	258	14.42	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26112294	26420761	26335284	26289446	0.61	cps
Lead	207-1	22989394	23227587	22935455	23050812	0.67	cps
Lead	208-1	105179067	105916379	105300285	105465244	0.37	cps
Lithium	6-1	1544102	1580936	1584065	1569701	1.42	cps
Magnesium	24-2	115385315	113873852	114798345	114685837	0.66	cps
Manganese	55-2	20174981	20299091	20258758	20244277	0.31	cps
Molybdenum	94-1	22532605	22985253	22934175	22817344	1.09	cps
Molybdenum	95-1	32823762	32962745	33327375	33037961	0.79	cps
Molybdenum	96-1	36123486	36428062	36618209	36389919	0.69	cps
Molybdenum	97-1	20511750	20640732	20705560	20619347	0.48	cps
Molybdenum	98-1	52801091	53259864	53619703	53226886	0.77	cps
Neodymium	150-1	497	503	477	492	2.82	cps
Neodymium	150-2	180	163	160	168	6.39	cps
Nickel	60-2	949676	952420	951114	951070	0.14	cps
Phosphorus	31-2	133600	132773	132188	132854	0.53	cps
Potassium	39-2	72345334	72571591	72049551	72322158	0.36	cps
Rhodium	103-1	9927049	9997948	9988772	9971256	0.39	cps
Rhodium	103-2	6104432	6211141	6116222	6143931	0.95	cps
Scandium	45-1	6113888	6185667	6040973	6113509	1.18	cps
Scandium	45-2	534070	534764	536074	534969	0.19	cps
Selenium	82-1	96982	97901	97754	97545	0.51	cps
Selenium	77-2	10327	10070	10137	10178	1.31	cps
Selenium	78-2	33758	34326	33742	33942	0.98	cps
Silicon	28-1	3599880	3631957	3655954	3629264	0.78	cps
Silver	107-1	8139792	8247652	8262518	8216654	0.82	cps
Silver	109-1	7641166	7730406	7741919	7704497	0.72	cps
Sodium	23-2	185027044	185292744	182686077	184335288	0.78	cps
Strontium	86-1	2062760	2085367	2077668	2075265	0.55	cps
Strontium	88-1	18021533	18171451	17958224	18050403	0.61	cps
Sulfur	34-1	622806	625954	625297	624686	0.27	cps
Terbium	159-1	14909464	14994148	15090981	14998198	0.61	cps
Terbium	159-2	10774599	10749701	10697182	10740494	0.37	cps
Thallium	203-1	6460960	6639143	6692949	6597684	1.84	cps
Thallium	205-1	15603344	15809018	15803884	15738749	0.75	cps
Tin	118-1	5446921	5526992	5407845	5460586	1.11	cps
Titanium	47-1	7663570	7819886	7739185	7740880	1.01	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:01:10	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21015492	21139894	20863068	21006151	0.66	cps
Vanadium	51-2	2269097	2287646	2254870	2270537	0.72	cps
Yttrium	89-1	13265426	13499979	13402542	13389316	0.88	cps
Yttrium	89-2	3663010	3633781	3669890	3655560	0.52	cps
Zinc	66-2	4607644	4656245	4618396	4627429	0.55	cps
Zirconium	90-1	11034766	11310962	11241986	11195905	1.28	cps
Zirconium	91-1	2457561	2532757	2477570	2489296	1.56	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1897	1683	1527	1702	10.91	cps
Antimony	121-1	4084	3420	3050	3518	14.89	cps
Arsenic	75-2	60	50	73	61	19.15	cps
Barium	135-1	1820	1293	1217	1443	22.76	cps
Barium	137-1	3157	2667	2167	2664	18.59	cps
Beryllium	9-1	307	343	280	310	10.26	cps
Bismuth	209-1	9311518	9424007	9423112	9386212	0.69	cps
Bismuth	209-2	8255163	8387943	8272395	8305167	0.87	cps
Bromine	81-1	11848	12572	12862	12428	4.20	cps
Bromine	81-2	237	273	273	261	8.11	cps
Cadmium	108-1	33	33	27	31	12.36	cps
Cadmium	106-1	3217	3314	3017	3183	4.76	cps
Cadmium	111-1	2724	2656	2459	2613	5.27	cps
Calcium	43-1	2290	1527	1547	1788	24.34	cps
Calcium	44-1	39959	33738	29509	34402	15.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1337	1183	1270	1263	6.09	cps
Cobalt	59-2	537	620	613	590	7.85	cps
Copper	63-2	4901	4704	4251	4619	7.22	cps
Dysprosium	156-1	10	10	20	13	43.30	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	73	83	43	67	31.23	cps
Erbium	164-2	50	37	43	43	15.38	cps
Gadolinium	160-1	67	53	53	58	13.33	cps
Gadolinium	160-2	583	593	620	599	3.17	cps
Holmium	165-1	14697611	14738177	14852917	14762902	0.55	cps
Holmium	165-2	11409148	11421634	11310039	11380274	0.54	cps
Indium	115-1	11681135	11928195	11998918	11869416	1.41	cps
Indium	115-2	4598579	4590866	4548587	4579344	0.59	cps
Iron	56-2	91979	86128	81194	86434	6.25	cps
Iron	57-2	2567	2600	2584	2584	0.65	cps
Iron	54-2	6705	5971	5724	6134	8.31	cps
Krypton	83-1	193	180	193	189	4.08	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7412	6025	5338	6258	16.88	cps
Lead	207-1	6348	5348	4691	5462	15.28	cps
Lead	208-1	29212	24439	21210	24954	16.13	cps
Lithium	6-1	1598539	1617632	1623342	1613171	0.81	cps
Magnesium	24-2	14674	13950	13026	13883	5.95	cps
Manganese	55-2	2980	2520	2527	2676	9.86	cps
Molybdenum	94-1	5928	4751	4204	4961	17.76	cps
Molybdenum	95-1	7826	6351	5184	6454	20.51	cps
Molybdenum	96-1	8646	6828	5921	7132	19.45	cps
Molybdenum	97-1	4931	3874	3227	4011	21.45	cps
Molybdenum	98-1	12255	10274	8566	10365	17.81	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	573	550	610	578	5.24	cps
Phosphorus	31-2	160	140	197	166	17.36	cps
Potassium	39-2	61992	61062	60188	61081	1.48	cps
Rhodium	103-1	10735996	10932167	10974204	10880789	1.17	cps
Rhodium	103-2	6970453	7016140	7008648	6998414	0.35	cps
Scandium	45-1	6105773	6220871	6252598	6193081	1.25	cps
Scandium	45-2	553846	554179	555159	554395	0.12	cps
Selenium	82-1	252	214	239	235	8.11	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	453	413	373	413	9.68	cps
Silicon	28-1	641878	642711	640979	641856	0.13	cps
Silver	107-1	2743	2290	1864	2299	19.12	cps
Silver	109-1	2684	2227	1743	2218	21.20	cps
Sodium	23-2	72546	68089	64729	68455	5.73	cps
Strontium	86-1	750	813	577	713	17.18	cps
Strontium	88-1	4027	3397	2827	3417	17.57	cps
Sulfur	34-1	171908	176222	176297	174809	1.44	cps
Terbium	159-1	14791469	14995443	15251036	15012649	1.53	cps
Terbium	159-2	10996825	11229679	11115721	11114075	1.05	cps
Thallium	203-1	2330	2020	1900	2084	10.65	cps
Thallium	205-1	5781	4658	4211	4883	16.57	cps
Tin	118-1	3064	3057	2847	2989	4.12	cps
Titanium	47-1	1990	1597	1237	1608	23.44	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:03:52	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4461	3260	2964	3562	22.26	cps
Vanadium	51-2	293	223	227	248	15.94	cps
Yttrium	89-1	13285967	13729414	13793416	13602932	2.03	cps
Yttrium	89-2	3816689	3889690	3814065	3840148	1.12	cps
Zinc	66-2	947	1070	853	957	11.36	cps
Zirconium	90-1	3697	3367	2840	3302	13.09	cps
Zirconium	91-1	830	680	637	716	14.18	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	619227	612836	622478	618180	0.79	cps
Antimony	121-1	917	780	873	857	8.15	cps
Arsenic	75-2	1077	1090	1117	1094	1.86	cps
Barium	135-1	26425	26672	26839	26645	0.78	cps
Barium	137-1	45325	46322	46328	45992	1.26	cps
Beryllium	9-1	217	187	223	209	9.35	cps
Bismuth	209-1	9435412	9747570	9496911	9559964	1.73	cps
Bismuth	209-2	8665222	8622911	8500099	8596077	1.00	cps
Bromine	81-1	14380	14764	14958	14701	2.00	cps
Bromine	81-2	443	460	377	427	10.33	cps
Cadmium	108-1	103	133	117	118	12.77	cps
Cadmium	106-1	3627	3717	3794	3713	2.25	cps
Cadmium	111-1	2574	2607	2689	2623	2.26	cps
Calcium	43-1	1247	1323	1290	1287	2.99	cps
Calcium	44-1	26941	27241	26977	27053	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37807	37473	37764	37681	0.48	cps
Cobalt	59-2	3620	3437	3580	3546	2.72	cps
Copper	63-2	18438	18355	18068	18287	1.06	cps
Dysprosium	156-1	13663	13930	13854	13816	0.99	cps
Dysprosium	156-2	11702	11895	11558	11718	1.44	cps
Erbium	164-1	13266	13366	13113	13249	0.96	cps
Erbium	164-2	9987	9837	9894	9906	0.77	cps
Gadolinium	160-1	12726	12799	13557	13027	3.53	cps
Gadolinium	160-2	11195	11034	11114	11114	0.72	cps
Holmium	165-1	15015391	15324612	15367676	15235893	1.26	cps
Holmium	165-2	11650410	11705216	11495160	11616929	0.94	cps
Indium	115-1	12144285	12373543	12511059	12342962	1.50	cps
Indium	115-2	4787205	4742137	4733689	4754344	0.61	cps
Iron	56-2	18537242	18899201	18603469	18679970	1.03	cps
Iron	57-2	469177	469426	471285	469963	0.25	cps
Iron	54-2	1027926	1033095	1030880	1030634	0.25	cps
Krypton	83-1	210	220	237	222	6.06	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206(	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27535	27388	27631	27518	0.45	cps
Lead	207-1	22292	23063	22963	22772	1.84	cps
Lead	208-1	106490	107202	109398	107697	1.41	cps
Lithium	6-1	1604861	1617021	1680169	1634017	2.47	cps
Magnesium	24-2	31629	32190	32314	32045	1.14	cps
Manganese	55-2	86842	86450	85736	86342	0.65	cps
Molybdenum	94-1	44892	45096	45377	45121	0.54	cps
Molybdenum	95-1	2210	2000	2074	2095	5.09	cps
Molybdenum	96-1	9713	9513	9880	9702	1.89	cps
Molybdenum	97-1	1293	1260	1323	1292	2.45	cps
Molybdenum	98-1	3420	3310	3447	3393	2.14	cps
Neodymium	150-1	17895	17521	18182	17866	1.85	cps
Neodymium	150-2	11618	11378	11445	11480	1.08	cps
Nickel	60-2	1963	2170	1930	2021	6.43	cps
Phosphorus	31-2	1313	1223	1333	1290	4.54	cps
Potassium	39-2	140109	138930	140594	139878	0.61	cps
Rhodium	103-1	11240099	11474781	11425672	11380184	1.09	cps
Rhodium	103-2	7304124	7240190	7112427	7218914	1.35	cps
Scandium	45-1	6405953	6690494	6618336	6571594	2.25	cps
Scandium	45-2	581915	583730	589736	585127	0.70	cps
Selenium	82-1	301	226	259	262	14.42	cps
Selenium	77-2	27	47	40	38	26.95	cps
Selenium	78-2	463	433	443	447	3.42	cps
Silicon	28-1	2639563	2648962	2923081	2737202	5.88	cps
Silver	107-1	759	711	736	736	3.24	cps
Silver	109-1	460	440	477	459	4.00	cps
Sodium	23-2	38909	37739	37733	38127	1.78	cps
Strontium	86-1	2390	2514	2367	2424	3.25	cps
Strontium	88-1	16786	16429	17394	16870	2.89	cps
Sulfur	34-1	189253	190103	189023	189460	0.30	cps
Terbium	159-1	15213125	15549891	15637185	15466734	1.45	cps
Terbium	159-2	11567928	11337271	11392644	11432614	1.05	cps
Thallium	203-1	1040	967	920	976	6.20	cps
Thallium	205-1	2424	2270	2400	2365	3.49	cps
Tin	118-1	5668	5651	5481	5600	1.85	cps
Titanium	47-1	31954	32375	32528	32286	0.92	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5213-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03I-15-1206	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:07:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18613	19334	19114	19020	1.94	cps
Vanadium	51-2	53263	52983	53621	53289	0.60	cps
Yttrium	89-1	14394894	14594887	14522115	14503965	0.70	cps
Yttrium	89-2	4044836	4123151	4050085	4072691	1.07	cps
Zinc	66-2	3764	3844	3787	3798	1.08	cps
Zirconium	90-1	119018	120143	120825	119995	0.76	cps
Zirconium	91-1	26270	26751	27626	26883	2.56	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	615019	613482	621294	616599	0.67	cps
Antimony	121-1	983	1123	993	1033	7.56	cps
Arsenic	75-2	8016	8069	8189	8091	1.10	cps
Barium	135-1	43305	44085	43964	43785	0.96	cps
Barium	137-1	74922	76679	75603	75735	1.17	cps
Beryllium	9-1	203	270	267	247	15.23	cps
Bismuth	209-1	9496349	9574602	9752128	9607693	1.36	cps
Bismuth	209-2	8576563	8481493	8435270	8497775	0.85	cps
Bromine	81-1	14741	15612	15635	15329	3.32	cps
Bromine	81-2	800	613	647	687	14.50	cps
Cadmium	108-1	457	437	407	433	5.81	cps
Cadmium	106-1	5351	5164	4951	5155	3.88	cps
Cadmium	111-1	3700	3598	3407	3568	4.17	cps
Calcium	43-1	1777	1877	1733	1796	4.09	cps
Calcium	44-1	33851	36190	34516	34852	3.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	232386	231466	232172	232008	0.21	cps
Cobalt	59-2	713	620	590	641	10.03	cps
Copper	63-2	59133	58383	58571	58695	0.66	cps
Dysprosium	156-1	67672	67839	68422	67978	0.58	cps
Dysprosium	156-2	56563	56972	56858	56798	0.37	cps
Erbium	164-1	73716	76129	75586	75144	1.68	cps
Erbium	164-2	56323	55824	56818	56322	0.88	cps
Gadolinium	160-1	69672	71103	71274	70683	1.24	cps
Gadolinium	160-2	55432	55161	56574	55722	1.35	cps
Holmium	165-1	15253221	14997262	15230994	15160492	0.94	cps
Holmium	165-2	11573586	11755847	11719151	11682861	0.83	cps
Indium	115-1	12502633	12300108	12448894	12417212	0.84	cps
Indium	115-2	4812403	4778726	4814780	4801970	0.42	cps
Iron	56-2	49788438	49348363	50163163	49766654	0.82	cps
Iron	57-2	1258025	1241251	1255593	1251623	0.72	cps
Iron	54-2	2745916	2762879	2752032	2753609	0.31	cps
Krypton	83-1	330	323	333	329	1.55	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	78069	78579	78612	78420	0.39	cps
Lead	207-1	63146	63213	63578	63312	0.37	cps
Lead	208-1	297815	300719	301182	299906	0.61	cps
Lithium	6-1	1620021	1670913	1659695	1650210	1.62	cps
Magnesium	24-2	8779	9063	9206	9016	2.41	cps
Manganese	55-2	6438	6495	6391	6441	0.80	cps
Molybdenum	94-1	209536	211508	214053	211699	1.07	cps
Molybdenum	95-1	1737	2665	1700	2034	26.87	cps
Molybdenum	96-1	37154	39169	38484	38269	2.68	cps
Molybdenum	97-1	967	1761	987	1238	36.56	cps
Molybdenum	98-1	2617	4106	2510	3078	28.98	cps
Neodymium	150-1	82141	84494	84323	83653	1.57	cps
Neodymium	150-2	53441	52865	53621	53309	0.74	cps
Nickel	60-2	1173	1240	1173	1196	3.22	cps
Phosphorus	31-2	1017	963	957	979	3.36	cps
Potassium	39-2	265749	265425	268366	266513	0.61	cps
Rhodium	103-1	11346123	11422865	11551031	11440007	0.90	cps
Rhodium	103-2	7280999	7254752	7269876	7268542	0.18	cps
Scandium	45-1	7000526	6934057	6978061	6970881	0.49	cps
Scandium	45-2	612774	609870	619321	613988	0.79	cps
Selenium	82-1	353	365	322	347	6.44	cps
Selenium	77-2	173	160	160	164	4.68	cps
Selenium	78-2	610	590	633	611	3.55	cps
Silicon	28-1	2434276	2560051	2531454	2508594	2.63	cps
Silver	107-1	1393	1466	1373	1410	3.45	cps
Silver	109-1	313	383	347	348	10.07	cps
Sodium	23-2	38705	38882	38678	38755	0.29	cps
Strontium	86-1	9090	9723	9126	9313	3.82	cps
Strontium	88-1	73918	78399	75985	76100	2.95	cps
Sulfur	34-1	190690	190013	190775	190493	0.22	cps
Terbium	159-1	15413701	15376128	15783815	15524548	1.45	cps
Terbium	159-2	11563289	11441502	11548738	11517843	0.58	cps
Thallium	203-1	1410	1503	1400	1438	3.96	cps
Thallium	205-1	3304	3651	3537	3497	5.06	cps
Tin	118-1	7602	7819	7725	7715	1.41	cps
Titanium	47-1	15135	15044	15259	15146	0.71	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5236-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL3-SB03D-3-12072	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76985	79442	79576	78668	1.85	cps
Vanadium	51-2	301503	297721	301368	300197	0.71	cps
Yttrium	89-1	15216515	15451753	15478554	15382274	0.94	cps
Yttrium	89-2	4277253	4257675	4266674	4267201	0.23	cps
Zinc	66-2	1180	1313	1347	1280	6.89	cps
Zirconium	90-1	574801	581249	579417	578489	0.57	cps
Zirconium	91-1	125693	127894	128725	127437	1.23	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1998550	2020666	1963920	1994379	1.43	cps
Antimony	121-1	507	547	610	554	9.40	cps
Arsenic	75-2	2844	2820	2657	2774	3.67	cps
Barium	135-1	140316	142679	142592	141863	0.94	cps
Barium	137-1	249057	249567	251700	250108	0.56	cps
Beryllium	9-1	767	810	757	778	3.65	cps
Bismuth	209-1	9395411	9444527	9577557	9472498	0.99	cps
Bismuth	209-2	8407882	8416518	8396539	8406980	0.12	cps
Bromine	81-1	14624	14624	14978	14742	1.39	cps
Bromine	81-2	407	383	383	391	3.45	cps
Cadmium	108-1	177	187	173	179	3.88	cps
Cadmium	106-1	4074	4284	3974	4111	3.85	cps
Cadmium	111-1	2907	3062	2819	2929	4.19	cps
Calcium	43-1	12232	12455	12595	12427	1.48	cps
Calcium	44-1	203556	206617	204020	204731	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83942	83982	84274	84066	0.22	cps
Cobalt	59-2	49715	50595	49391	49900	1.25	cps
Copper	63-2	51598	51792	51488	51626	0.30	cps
Dysprosium	156-1	25443	26141	26368	25984	1.86	cps
Dysprosium	156-2	22281	22281	21703	22089	1.51	cps
Erbium	164-1	20208	20178	20582	20323	1.11	cps
Erbium	164-2	15255	15085	15946	15429	2.96	cps
Gadolinium	160-1	22862	22799	22441	22701	1.00	cps
Gadolinium	160-2	18172	18265	18319	18252	0.41	cps
Holmium	165-1	15227868	15600129	15382602	15403533	1.21	cps
Holmium	165-2	11521601	11450057	11476250	11482636	0.32	cps
Indium	115-1	12530932	12751973	12448807	12577237	1.25	cps
Indium	115-2	4728599	4710579	4671965	4703714	0.62	cps
Iron	56-2	74340647	74500544	74104167	74315119	0.27	cps
Iron	57-2	1876586	1847725	1851293	1858535	0.85	cps
Iron	54-2	4014209	4038199	4046582	4032997	0.42	cps
Krypton	83-1	237	293	260	263	10.82	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	89307	91324	89438	90023	1.25	cps
Lead	207-1	74563	74492	74680	74578	0.13	cps
Lead	208-1	346022	351154	350040	349072	0.77	cps
Lithium	6-1	1654788	1647513	1671105	1657802	0.73	cps
Magnesium	24-2	376574	376664	379887	377708	0.50	cps
Manganese	55-2	645011	643964	644937	644637	0.09	cps
Molybdenum	94-1	72374	74461	74227	73687	1.55	cps
Molybdenum	95-1	4314	4274	4271	4286	0.56	cps
Molybdenum	96-1	17561	17447	17460	17489	0.35	cps
Molybdenum	97-1	2724	2734	2767	2741	0.83	cps
Molybdenum	98-1	6708	6775	6902	6795	1.45	cps
Neodymium	150-1	38011	38736	38325	38358	0.95	cps
Neodymium	150-2	23800	24839	23997	24212	2.28	cps
Nickel	60-2	14053	14000	13790	13948	1.00	cps
Phosphorus	31-2	2884	2854	2630	2789	4.96	cps
Potassium	39-2	423638	422345	422107	422697	0.19	cps
Rhodium	103-1	11808364	11940811	11730096	11826423	0.90	cps
Rhodium	103-2	7291789	7198678	7225347	7238605	0.66	cps
Scandium	45-1	6778558	6870686	6874960	6841401	0.80	cps
Scandium	45-2	593599	591462	590259	591773	0.29	cps
Selenium	82-1	279	225	239	248	11.42	cps
Selenium	77-2	103	83	83	90	12.83	cps
Selenium	78-2	490	487	440	472	5.92	cps
Silicon	28-1	4968396	4961091	5292191	5073893	3.73	cps
Silver	107-1	885	978	896	920	5.56	cps
Silver	109-1	480	560	493	511	8.39	cps
Sodium	23-2	44765	43949	43675	44130	1.28	cps
Strontium	86-1	13613	13633	13873	13706	1.06	cps
Strontium	88-1	115217	116775	117300	116431	0.93	cps
Sulfur	34-1	197127	196105	193938	195723	0.83	cps
Terbium	159-1	15898391	15751574	15863110	15837692	0.48	cps
Terbium	159-2	11324164	11287924	11273879	11295323	0.23	cps
Thallium	203-1	1890	1797	1813	1833	2.72	cps
Thallium	205-1	4351	4311	4214	4292	1.64	cps
Tin	118-1	3587	3294	3834	3572	7.57	cps
Titanium	47-1	303399	311886	310732	308672	1.49	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5076-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TAPIAL2-SB02I-7.5-1202	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 17:14:20	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36012	35196	36122	35777	1.41	cps
Vanadium	51-2	123805	123016	122556	123126	0.51	cps
Yttrium	89-1	14865190	14956400	14956498	14926030	0.35	cps
Yttrium	89-2	4098698	4042994	4049612	4063768	0.75	cps
Zinc	66-2	20180	20167	19967	20105	0.60	cps
Zirconium	90-1	191241	196942	196381	194855	1.61	cps
Zirconium	91-1	43110	43400	44206	43572	1.30	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14566071	14747722	14488544	14600779	0.91	cps
Antimony	121-1	6436423	6561476	6528596	6508832	1.00	cps
Arsenic	75-2	325688	320346	321758	322597	0.86	cps
Barium	135-1	8295930	8442409	8392366	8376902	0.89	cps
Barium	137-1	14171220	14482989	14481681	14378630	1.25	cps
Beryllium	9-1	693040	707142	710465	703549	1.32	cps
Bismuth	209-1	8776940	8694254	8589237	8686811	1.08	cps
Bismuth	209-2	7412006	7389467	7354149	7385207	0.39	cps
Bromine	81-1	12565	12319	12198	12361	1.51	cps
Bromine	81-2	187	203	197	196	4.29	cps
Cadmium	108-1	117212	119547	119561	118773	1.14	cps
Cadmium	106-1	166542	170170	168572	168428	1.08	cps
Cadmium	111-1	1607915	1631072	1633535	1624174	0.87	cps
Calcium	43-1	8203584	8340568	8283322	8275825	0.83	cps
Calcium	44-1	131325348	133697775	133045158	132689427	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2524624	2511456	2496562	2510881	0.56	cps
Cobalt	59-2	3906375	3935288	3901668	3914443	0.47	cps
Copper	63-2	27576075	27714892	27732754	27674574	0.31	cps
Dysprosium	156-1	377	263	337	326	17.65	cps
Dysprosium	156-2	603	583	617	601	2.79	cps
Erbium	164-1	317	340	360	339	6.40	cps
Erbium	164-2	263	253	307	274	10.33	cps
Gadolinium	160-1	267	310	290	289	7.51	cps
Gadolinium	160-2	730	717	793	747	5.49	cps
Holmium	165-1	15123612	14824742	14821425	14923260	1.16	cps
Holmium	165-2	10777782	10873707	10872449	10841312	0.51	cps
Indium	115-1	11517114	11215311	11137492	11289972	1.78	cps
Indium	115-2	4125258	4179394	4115801	4140151	0.83	cps
Iron	56-2	596032178	595515604	588870471	593472751	0.67	cps
Iron	57-2	14866941	14876740	14656022	14799901	0.84	cps
Iron	54-2	32229303	32280984	32045470	32185252	0.38	cps
Krypton	83-1	230	237	287	251	12.33	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25238654	26162218	25950613	25783828	1.88	cps
Lead	207-1	22208935	22877066	22814900	22633634	1.63	cps
Lead	208-1	101561403	104466703	104036844	103354983	1.52	cps
Lithium	6-1	1620043	1550112	1586990	1585715	2.21	cps
Magnesium	24-2	113417955	114940285	113568388	113975543	0.74	cps
Manganese	55-2	20117237	20220066	20022533	20119945	0.49	cps
Molybdenum	94-1	22723628	22653794	22587861	22655094	0.30	cps
Molybdenum	95-1	32810305	32951682	32694019	32818669	0.39	cps
Molybdenum	96-1	35845712	35834418	35694901	35791677	0.23	cps
Molybdenum	97-1	20281851	20297885	20257758	20279165	0.10	cps
Molybdenum	98-1	52175516	52303224	52029831	52169524	0.26	cps
Neodymium	150-1	577	543	557	559	3.00	cps
Neodymium	150-2	183	173	180	179	2.85	cps
Nickel	60-2	940729	935540	940087	938785	0.30	cps
Phosphorus	31-2	131936	131469	131180	131528	0.29	cps
Potassium	39-2	71559266	71725907	71475457	71586877	0.18	cps
Rhodium	103-1	10325074	9908749	9855360	10029728	2.56	cps
Rhodium	103-2	6089536	6131784	6122714	6114678	0.36	cps
Scandium	45-1	6395513	6205329	6207319	6269387	1.74	cps
Scandium	45-2	532303	534982	526018	531101	0.87	cps
Selenium	82-1	95838	97003	96989	96610	0.69	cps
Selenium	77-2	9903	10190	10013	10036	1.44	cps
Selenium	78-2	34129	33518	33598	33748	0.98	cps
Silicon	28-1	3535273	3653248	3636410	3608310	1.77	cps
Silver	107-1	8084104	8124745	8171747	8126865	0.54	cps
Silver	109-1	7631482	7516851	7710373	7619569	1.28	cps
Sodium	23-2	183079077	183510104	181888437	182825873	0.46	cps
Strontium	86-1	2010635	2042675	2074011	2042440	1.55	cps
Strontium	88-1	17871297	17807115	17950071	17876161	0.40	cps
Sulfur	34-1	634578	634014	626502	631698	0.71	cps
Terbium	159-1	15387075	15173656	14870558	15143763	1.71	cps
Terbium	159-2	10693295	10817542	10540581	10683806	1.30	cps
Thallium	203-1	6487572	6566991	6574758	6543107	0.74	cps
Thallium	205-1	15333506	15565500	15665266	15521424	1.10	cps
Tin	118-1	5361008	5414272	5339936	5371739	0.71	cps
Titanium	47-1	7712252	7839083	7732937	7761424	0.88	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:20:37	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19989556	20850424	20726000	20521994	2.27	cps
Vanadium	51-2	2252261	2230606	2256115	2246327	0.61	cps
Yttrium	89-1	13987441	13443770	13352903	13594705	2.52	cps
Yttrium	89-2	3647002	3658625	3621343	3642323	0.52	cps
Zinc	66-2	4683944	4658895	4623988	4655609	0.65	cps
Zirconium	90-1	11086788	11190060	11147328	11141392	0.47	cps
Zirconium	91-1	2459184	2474645	2472652	2468827	0.34	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1720	1597	1417	1578	9.67	cps
Antimony	121-1	3884	3194	2780	3286	16.97	cps
Arsenic	75-2	30	37	33	33	10.01	cps
Barium	135-1	1957	1450	1143	1517	27.08	cps
Barium	137-1	3457	2637	1980	2691	27.49	cps
Beryllium	9-1	323	300	243	289	14.24	cps
Bismuth	209-1	9540387	9646528	9481489	9556135	0.88	cps
Bismuth	209-2	8306506	8415124	8389213	8370281	0.68	cps
Bromine	81-1	11845	12399	12822	12355	3.97	cps
Bromine	81-2	207	240	240	229	8.41	cps
Cadmium	108-1	57	33	27	39	40.51	cps
Cadmium	106-1	3354	3444	3520	3439	2.43	cps
Cadmium	111-1	2814	2724	2701	2746	2.18	cps
Calcium	43-1	2574	1803	1337	1905	32.79	cps
Calcium	44-1	44258	33166	28079	35168	23.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1263	1220	1243	1242	1.75	cps
Cobalt	59-2	550	497	500	516	5.79	cps
Copper	63-2	4311	3757	3670	3913	8.88	cps
Dysprosium	156-1	20	27	20	22	17.33	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	53	40	40	44	17.32	cps
Erbium	164-2	30	63	30	41	46.81	cps
Gadolinium	160-1	47	57	47	50	11.55	cps
Gadolinium	160-2	570	660	597	609	7.59	cps
Holmium	165-1	14907895	14847427	14979114	14911479	0.44	cps
Holmium	165-2	11231939	11278052	11356973	11288988	0.56	cps
Indium	115-1	12060933	12070008	12085591	12072178	0.10	cps
Indium	115-2	4629405	4580065	4549975	4586481	0.87	cps
Iron	56-2	82458	76386	70775	76540	7.63	cps
Iron	57-2	2490	2314	2220	2341	5.86	cps
Iron	54-2	5821	5678	5504	5668	2.80	cps
Krypton	83-1	203	240	250	231	10.63	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7525	5821	4828	6058	22.52	cps
Lead	207-1	6905	5228	4231	5455	24.78	cps
Lead	208-1	31351	23375	19766	24831	23.88	cps
Lithium	6-1	1603329	1633671	1651177	1629392	1.49	cps
Magnesium	24-2	12719	11564	10781	11688	8.34	cps
Manganese	55-2	2377	2330	2224	2310	3.40	cps
Molybdenum	94-1	6365	4841	3834	5013	25.42	cps
Molybdenum	95-1	8656	6048	4924	6543	29.26	cps
Molybdenum	96-1	9803	6665	5324	7264	31.65	cps
Molybdenum	97-1	5324	3977	3104	4135	27.05	cps
Molybdenum	98-1	14044	9893	7832	10590	29.88	cps
Neodymium	150-1	10	3	0	4	114.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	523	500	597	540	9.34	cps
Phosphorus	31-2	117	167	177	153	20.96	cps
Potassium	39-2	59322	59422	58518	59087	0.84	cps
Rhodium	103-1	11013733	10910814	11090475	11005008	0.82	cps
Rhodium	103-2	7082232	6961417	6855551	6966400	1.63	cps
Scandium	45-1	6183720	6248731	6277824	6236758	0.77	cps
Scandium	45-2	551384	555599	557129	554704	0.54	cps
Selenium	82-1	264	132	207	201	32.90	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	507	410	450	456	10.66	cps
Silicon	28-1	612763	612143	614035	612980	0.16	cps
Silver	107-1	2909	2116	1708	2244	27.21	cps
Silver	109-1	2630	2107	1707	2148	21.56	cps
Sodium	23-2	59832	57206	54225	57088	4.91	cps
Strontium	86-1	867	763	633	754	15.50	cps
Strontium	88-1	4704	3297	2494	3498	31.99	cps
Sulfur	34-1	176432	178580	179086	178032	0.79	cps
Terbium	159-1	15266696	14918965	15205596	15130419	1.23	cps
Terbium	159-2	11053869	11085715	10916272	11018619	0.82	cps
Thallium	203-1	2144	1723	1510	1792	17.98	cps
Thallium	205-1	5114	4181	3490	4262	19.12	cps
Tin	118-1	3370	3104	2914	3129	7.33	cps
Titanium	47-1	2054	1513	1080	1549	31.48	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:23:19	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4831	3207	2677	3572	31.42	cps
Vanadium	51-2	223	233	220	226	3.08	cps
Yttrium	89-1	13823216	13687794	13825726	13778912	0.57	cps
Yttrium	89-2	3826405	3874056	3783058	3827840	1.19	cps
Zinc	66-2	1037	1023	923	994	6.23	cps
Zirconium	90-1	4131	2994	2800	3308	21.73	cps
Zirconium	91-1	873	760	580	738	20.05	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	803	773	803	793	2.18	cps
Antimony	121-1	603	650	637	630	3.82	cps
Arsenic	75-2	27	30	23	27	12.51	cps
Barium	135-1	413	397	353	388	7.99	cps
Barium	137-1	640	637	717	664	6.81	cps
Beryllium	9-1	133	130	107	123	11.78	cps
Bismuth	209-1	9246147	9183774	9113075	9180999	0.73	cps
Bismuth	209-2	8300866	8194204	8086128	8193733	1.31	cps
Bromine	81-1	14080	13656	13993	13910	1.61	cps
Bromine	81-2	257	293	317	289	10.47	cps
Cadmium	108-1	13	10	10	11	17.30	cps
Cadmium	106-1	3097	3064	3110	3090	0.78	cps
Cadmium	111-1	2250	2236	2265	2250	0.65	cps
Calcium	43-1	493	580	630	568	12.18	cps
Calcium	44-1	14624	14614	15198	14812	2.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1140	1170	953	1088	10.79	cps
Cobalt	59-2	243	290	253	262	9.37	cps
Copper	63-2	2317	2327	2337	2327	0.43	cps
Dysprosium	156-1	20	27	13	20	33.35	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	70	50	73	64	19.58	cps
Erbium	164-2	43	30	43	39	19.79	cps
Gadolinium	160-1	60	53	33	49	28.39	cps
Gadolinium	160-2	687	527	590	601	13.40	cps
Holmium	165-1	14713186	15025247	14975721	14904718	1.13	cps
Holmium	165-2	11343991	11143277	11215621	11234296	0.90	cps
Indium	115-1	12296306	12360038	12306849	12321065	0.28	cps
Indium	115-2	4738816	4731866	4705364	4725349	0.37	cps
Iron	56-2	44218	43817	43650	43895	0.67	cps
Iron	57-2	1653	1603	1550	1602	3.23	cps
Iron	54-2	4117	3914	3847	3959	3.55	cps
Krypton	83-1	227	220	217	221	2.30	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1980	2014	1974	1989	1.08	cps
Lead	207-1	1707	1777	1643	1709	3.90	cps
Lead	208-1	7744	8031	7758	7844	2.06	cps
Lithium	6-1	1576833	1573801	1589079	1579904	0.51	cps
Magnesium	24-2	6138	5881	6048	6022	2.16	cps
Manganese	55-2	1210	1183	1190	1195	1.16	cps
Molybdenum	94-1	1200	1363	1207	1257	7.36	cps
Molybdenum	95-1	1553	1593	1453	1533	4.70	cps
Molybdenum	96-1	1767	1747	1723	1746	1.24	cps
Molybdenum	97-1	890	913	930	911	2.21	cps
Molybdenum	98-1	2600	2454	2427	2494	3.74	cps
Neodymium	150-1	3	0	3	2	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	427	487	447	453	6.74	cps
Phosphorus	31-2	143	197	203	181	18.16	cps
Potassium	39-2	58000	59543	59218	58920	1.38	cps
Rhodium	103-1	11469237	11508590	11518134	11498654	0.23	cps
Rhodium	103-2	7191696	7114831	7068898	7125141	0.87	cps
Scandium	45-1	6657379	6735857	6732648	6708628	0.66	cps
Scandium	45-2	594018	590642	586147	590269	0.67	cps
Selenium	82-1	239	244	232	238	2.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	497	477	440	471	6.10	cps
Silicon	28-1	662113	660988	666531	663211	0.44	cps
Silver	107-1	413	442	509	455	10.89	cps
Silver	109-1	467	463	380	437	11.25	cps
Sodium	23-2	33520	32538	32902	32986	1.51	cps
Strontium	86-1	423	407	470	433	7.58	cps
Strontium	88-1	883	1003	1037	974	8.28	cps
Sulfur	34-1	200126	202881	203462	202156	0.88	cps
Terbium	159-1	15109645	15213482	15156231	15159786	0.34	cps
Terbium	159-2	11151679	11073548	10837915	11021047	1.48	cps
Thallium	203-1	643	567	627	612	6.59	cps
Thallium	205-1	1260	1470	1457	1396	8.43	cps
Tin	118-1	2177	2084	2140	2134	2.20	cps
Titanium	47-1	440	363	433	412	10.30	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 17:40:10	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	750	703	750	734	3.67	cps
Vanadium	51-2	103	83	123	103	19.36	cps
Yttrium	89-1	14346640	14492657	14452815	14430704	0.52	cps
Yttrium	89-2	3994870	4014693	4006119	4005227	0.25	cps
Zinc	66-2	547	603	637	596	7.64	cps
Zirconium	90-1	1147	1343	1250	1247	7.89	cps
Zirconium	91-1	317	253	230	267	16.82	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12509	12722	13006	12745	1.96	cps
Antimony	121-1	53696	54496	54436	54209	0.82	cps
Arsenic	75-2	1490	1690	1567	1582	6.38	cps
Barium	135-1	64401	65861	65620	65294	1.20	cps
Barium	137-1	112658	113881	113353	113297	0.54	cps
Beryllium	9-1	3144	3180	3077	3134	1.67	cps
Bismuth	209-1	9407815	9317303	9428398	9384505	0.63	cps
Bismuth	209-2	8252645	8144859	8368817	8255440	1.36	cps
Bromine	81-1	15074	14704	14991	14923	1.30	cps
Bromine	81-2	227	180	230	212	13.17	cps
Cadmium	108-1	567	553	507	542	5.81	cps
Cadmium	106-1	4077	3861	4001	3979	2.76	cps
Cadmium	111-1	9711	9873	9690	9758	1.03	cps
Calcium	43-1	37309	38472	38205	37995	1.60	cps
Calcium	44-1	614415	622029	617579	618008	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23141	23195	23205	23180	0.15	cps
Cobalt	59-2	18468	18218	18531	18406	0.90	cps
Copper	63-2	31189	31059	30872	31040	0.51	cps
Dysprosium	156-1	27	17	27	23	24.74	cps
Dysprosium	156-2	10	13	23	16	44.60	cps
Erbium	164-1	57	57	90	68	28.39	cps
Erbium	164-2	17	53	37	36	51.62	cps
Gadolinium	160-1	37	60	60	52	25.79	cps
Gadolinium	160-2	610	620	613	614	0.83	cps
Holmium	165-1	15390303	15159336	15275811	15275150	0.76	cps
Holmium	165-2	11460428	11314081	11640764	11471758	1.43	cps
Indium	115-1	12811564	12798521	13068971	12893019	1.18	cps
Indium	115-2	4904223	4892082	4883594	4893300	0.21	cps
Iron	56-2	2193360	2181675	2144690	2173242	1.17	cps
Iron	57-2	55642	55903	56191	55912	0.49	cps
Iron	54-2	122627	121666	122365	122219	0.41	cps
Krypton	83-1	200	263	220	228	14.21	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20312	20916	20763	20664	1.52	cps
Lead	207-1	18116	18249	18169	18178	0.37	cps
Lead	208-1	81348	82959	83220	82509	1.23	cps
Lithium	6-1	1636221	1636446	1622100	1631589	0.50	cps
Magnesium	24-2	483412	482360	481366	482379	0.21	cps
Manganese	55-2	9637	9066	9633	9445	3.48	cps
Molybdenum	94-1	55106	56057	55990	55718	0.95	cps
Molybdenum	95-1	66671	68522	68375	67856	1.52	cps
Molybdenum	96-1	74746	76003	76532	75760	1.21	cps
Molybdenum	97-1	42258	42588	42455	42434	0.39	cps
Molybdenum	98-1	108372	108049	109956	108792	0.94	cps
Neodymium	150-1	17	7	7	10	57.72	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	5261	5351	5171	5261	1.71	cps
Phosphorus	31-2	837	1003	883	908	9.47	cps
Potassium	39-2	723471	722354	728376	724734	0.44	cps
Rhodium	103-1	12181177	12192862	12147649	12173896	0.19	cps
Rhodium	103-2	7585072	7414271	7515401	7504915	1.14	cps
Scandium	45-1	7088674	7104888	7201528	7131696	0.86	cps
Scandium	45-2	637432	632344	639486	636421	0.58	cps
Selenium	82-1	2426	2422	2385	2411	0.93	cps
Selenium	77-2	227	207	217	217	4.62	cps
Selenium	78-2	1317	1363	1330	1337	1.80	cps
Silicon	28-1	852714	853899	854211	853608	0.09	cps
Silver	107-1	34782	35468	35931	35394	1.63	cps
Silver	109-1	33278	33345	34267	33630	1.64	cps
Sodium	23-2	797415	797397	794957	796590	0.18	cps
Strontium	86-1	8803	9090	9150	9014	2.06	cps
Strontium	88-1	74581	75934	75402	75306	0.91	cps
Sulfur	34-1	219213	213324	216846	216461	1.37	cps
Terbium	159-1	15774783	15759874	15907104	15813920	0.51	cps
Terbium	159-2	11401413	11269110	11215915	11295479	0.85	cps
Thallium	203-1	25026	25243	25497	25256	0.93	cps
Thallium	205-1	58823	60300	60909	60010	1.79	cps
Tin	118-1	114839	114329	115716	114962	0.61	cps
Titanium	47-1	4247	4117	4251	4205	1.81	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:02:58	DataFile Name :	046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71039	72880	72727	72215	1.42	cps
Vanadium	51-2	50330	50257	50752	50446	0.53	cps
Yttrium	89-1	15327059	15097885	15306013	15243652	0.83	cps
Yttrium	89-2	4231934	4228070	4242856	4234287	0.18	cps
Zinc	66-2	11628	11785	11434	11616	1.51	cps
Zirconium	90-1	46801	47694	46373	46956	1.44	cps
Zirconium	91-1	10107	10264	10474	10281	1.79	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6388	6398	6448	6411	0.50	cps
Antimony	121-1	27453	27383	27500	27445	0.21	cps
Arsenic	75-2	780	807	793	793	1.68	cps
Barium	135-1	33219	33035	33566	33273	0.81	cps
Barium	137-1	57653	58497	57603	57917	0.87	cps
Beryllium	9-1	1463	1620	1540	1541	5.08	cps
Bismuth	209-1	9423569	9568463	9612230	9534754	1.04	cps
Bismuth	209-2	8368838	8357496	8260886	8329073	0.71	cps
Bromine	81-1	14601	14991	15235	14942	2.14	cps
Bromine	81-2	187	197	193	192	2.65	cps
Cadmium	108-1	243	263	250	252	4.04	cps
Cadmium	106-1	3854	3871	3807	3844	0.85	cps
Cadmium	111-1	6197	6161	6196	6185	0.33	cps
Calcium	43-1	19226	19039	19112	19125	0.49	cps
Calcium	44-1	313334	316697	317842	315958	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12699	12715	11965	12460	3.44	cps
Cobalt	59-2	9607	9336	9423	9455	1.46	cps
Copper	63-2	18078	17671	17804	17851	1.16	cps
Dysprosium	156-1	17	27	10	18	47.19	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	67	53	63	61	11.36	cps
Erbium	164-2	47	53	57	52	9.75	cps
Gadolinium	160-1	50	60	57	56	9.17	cps
Gadolinium	160-2	623	677	637	646	4.30	cps
Holmium	165-1	15343847	15600606	15464611	15469688	0.83	cps
Holmium	165-2	11650524	11556849	11437057	11548143	0.93	cps
Indium	115-1	12778541	12867090	12997669	12881100	0.86	cps
Indium	115-2	5001589	4908117	4900822	4936842	1.14	cps
Iron	56-2	1111829	1112221	1105004	1109685	0.37	cps
Iron	57-2	29115	28828	28494	28812	1.08	cps
Iron	54-2	63179	63051	63292	63174	0.19	cps
Krypton	83-1	250	317	270	279	12.27	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11235	11255	11098	11196	0.76	cps
Lead	207-1	9870	9563	9747	9727	1.59	cps
Lead	208-1	44502	44519	44579	44533	0.09	cps
Lithium	6-1	1635610	1651392	1620257	1635753	0.95	cps
Magnesium	24-2	243528	242031	245407	243655	0.69	cps
Manganese	55-2	4757	4964	4961	4894	2.42	cps
Molybdenum	94-1	27436	28294	28748	28159	2.37	cps
Molybdenum	95-1	34504	34137	33435	34025	1.60	cps
Molybdenum	96-1	38618	38841	39102	38854	0.62	cps
Molybdenum	97-1	21439	21783	21102	21441	1.59	cps
Molybdenum	98-1	54745	55950	56057	55584	1.31	cps
Neodymium	150-1	17	7	13	12	41.65	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	3167	2827	3147	3047	6.26	cps
Phosphorus	31-2	527	547	610	561	7.75	cps
Potassium	39-2	395641	394927	394191	394920	0.18	cps
Rhodium	103-1	12094365	12138964	12229883	12154404	0.57	cps
Rhodium	103-2	7643602	7475188	7523647	7547479	1.15	cps
Scandium	45-1	6998325	7228197	7197156	7141226	1.75	cps
Scandium	45-2	633216	640483	636890	636863	0.57	cps
Selenium	82-1	1285	1267	1251	1268	1.33	cps
Selenium	77-2	130	107	143	127	14.65	cps
Selenium	78-2	977	893	937	936	4.46	cps
Silicon	28-1	800762	794802	795105	796890	0.42	cps
Silver	107-1	18199	18003	18658	18287	1.84	cps
Silver	109-1	17000	16927	16947	16958	0.22	cps
Sodium	23-2	413664	411935	411399	412333	0.29	cps
Strontium	86-1	4858	4851	4981	4896	1.50	cps
Strontium	88-1	38447	39286	38544	38759	1.18	cps
Sulfur	34-1	210590	212591	215129	212770	1.07	cps
Terbium	159-1	15634556	15859599	15894204	15796120	0.89	cps
Terbium	159-2	11347034	11362300	11304956	11338097	0.26	cps
Thallium	203-1	12806	13233	12993	13011	1.65	cps
Thallium	205-1	30771	31256	31496	31175	1.18	cps
Tin	118-1	59817	59469	59997	59761	0.45	cps
Titanium	47-1	2234	2240	2117	2197	3.16	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:06:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36450	36089	36239	36259	0.50	cps
Vanadium	51-2	25291	25638	25291	25407	0.79	cps
Yttrium	89-1	15152481	15435728	15278006	15288738	0.93	cps
Yttrium	89-2	4286383	4233173	4187755	4235770	1.17	cps
Zinc	66-2	5948	5978	6355	6094	3.72	cps
Zirconium	90-1	23849	23629	24080	23853	0.94	cps
Zirconium	91-1	5194	5318	5411	5308	2.05	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	870	940	880	897	4.22	cps
Antimony	121-1	343	307	360	337	8.11	cps
Arsenic	75-2	17	37	37	30	38.49	cps
Barium	135-1	380	393	430	401	6.45	cps
Barium	137-1	590	653	677	640	7.01	cps
Beryllium	9-1	80	87	93	87	7.69	cps
Bismuth	209-1	9498555	9485985	9505922	9496821	0.11	cps
Bismuth	209-2	8322115	8335476	8242988	8300193	0.60	cps
Bromine	81-1	15171	15381	16052	15535	2.96	cps
Bromine	81-2	240	267	267	258	5.97	cps
Cadmium	108-1	20	30	13	21	39.75	cps
Cadmium	106-1	3664	3524	3681	3623	2.38	cps
Cadmium	111-1	2672	2511	2672	2618	3.56	cps
Calcium	43-1	673	577	623	624	7.74	cps
Calcium	44-1	15642	15411	15698	15584	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1243	1253	1143	1213	5.01	cps
Cobalt	59-2	317	347	333	332	4.52	cps
Copper	63-2	2350	2277	2437	2355	3.40	cps
Dysprosium	156-1	7	20	17	14	48.02	cps
Dysprosium	156-2	0	17	3	7	132.33	cps
Erbium	164-1	70	70	57	66	11.74	cps
Erbium	164-2	33	33	40	36	10.83	cps
Gadolinium	160-1	80	57	53	63	22.94	cps
Gadolinium	160-2	613	717	763	698	11.00	cps
Holmium	165-1	15370782	15471569	15401703	15414684	0.33	cps
Holmium	165-2	11399712	11571450	11609443	11526868	0.97	cps
Indium	115-1	12943033	13023031	13228306	13064790	1.13	cps
Indium	115-2	4867152	4903084	4877786	4882674	0.38	cps
Iron	56-2	46806	47150	46622	46859	0.57	cps
Iron	57-2	1803	1850	1810	1821	1.39	cps
Iron	54-2	4114	4231	4281	4208	2.03	cps
Krypton	83-1	280	243	253	259	7.32	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1763	1830	1923	1839	4.37	cps
Lead	207-1	1700	1623	1590	1638	3.44	cps
Lead	208-1	7478	7351	7468	7432	0.95	cps
Lithium	6-1	1645949	1642242	1641031	1643074	0.16	cps
Magnesium	24-2	6805	6355	6315	6491	4.19	cps
Manganese	55-2	1183	1197	1300	1227	5.21	cps
Molybdenum	94-1	1277	1293	1407	1326	5.34	cps
Molybdenum	95-1	1620	1563	1523	1569	3.10	cps
Molybdenum	96-1	1723	1920	1943	1862	6.49	cps
Molybdenum	97-1	1057	947	1037	1013	5.78	cps
Molybdenum	98-1	2320	2404	2554	2426	4.88	cps
Neodymium	150-1	13	3	3	7	86.65	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	520	493	490	501	3.28	cps
Phosphorus	31-2	163	167	143	158	8.00	cps
Potassium	39-2	63264	63364	63612	63413	0.28	cps
Rhodium	103-1	12236181	12140385	12205723	12194096	0.40	cps
Rhodium	103-2	7614004	7579457	7398428	7530630	1.54	cps
Scandium	45-1	7045258	7072095	7143917	7087090	0.72	cps
Scandium	45-2	635557	631599	634641	633932	0.33	cps
Selenium	82-1	183	210	215	203	8.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	537	533	530	533	0.62	cps
Silicon	28-1	734455	730934	728513	731301	0.41	cps
Silver	107-1	553	683	613	616	10.57	cps
Silver	109-1	500	580	543	541	7.40	cps
Sodium	23-2	32017	31813	32428	32086	0.98	cps
Strontium	86-1	477	477	513	489	4.33	cps
Strontium	88-1	987	953	997	979	2.32	cps
Sulfur	34-1	213618	213311	215903	214277	0.66	cps
Terbium	159-1	15733474	15835827	15899650	15822983	0.53	cps
Terbium	159-2	11521191	11363183	11336764	11407046	0.87	cps
Thallium	203-1	657	773	623	684	11.51	cps
Thallium	205-1	1590	1697	1567	1618	4.28	cps
Tin	118-1	2270	2330	2254	2285	1.77	cps
Titanium	47-1	503	450	487	480	5.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:09:36	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	763	777	777	772	1.00	cps
Vanadium	51-2	123	93	157	124	25.46	cps
Yttrium	89-1	15297128	15315109	15460963	15357734	0.59	cps
Yttrium	89-2	4285144	4196542	4217474	4233053	1.09	cps
Zinc	66-2	547	500	513	520	4.62	cps
Zirconium	90-1	1187	1183	1247	1206	2.96	cps
Zirconium	91-1	273	213	290	259	15.58	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13279	13232	12742	13085	2.27	cps
Antimony	121-1	55831	55761	55466	55686	0.35	cps
Arsenic	75-2	1683	1497	1663	1615	6.35	cps
Barium	135-1	68078	67723	68798	68200	0.80	cps
Barium	137-1	117729	118035	118068	117944	0.16	cps
Beryllium	9-1	3104	3037	2797	2979	5.41	cps
Bismuth	209-1	9596871	9602386	9739225	9646161	0.84	cps
Bismuth	209-2	8573337	8313499	8312333	8399723	1.79	cps
Bromine	81-1	15765	15672	16399	15945	2.48	cps
Bromine	81-2	193	170	160	174	9.81	cps
Cadmium	108-1	563	583	560	569	2.22	cps
Cadmium	106-1	4404	4614	4414	4477	2.65	cps
Cadmium	111-1	10164	10228	10153	10182	0.40	cps
Calcium	43-1	37784	39281	38763	38609	1.97	cps
Calcium	44-1	637589	634964	635589	636047	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24056	23762	24046	23955	0.70	cps
Cobalt	59-2	18735	18688	18425	18616	0.90	cps
Copper	63-2	31637	31493	31667	31599	0.29	cps
Dysprosium	156-1	27	20	13	20	33.35	cps
Dysprosium	156-2	20	10	0	10	100.00	cps
Erbium	164-1	43	77	77	66	29.36	cps
Erbium	164-2	43	30	43	39	19.79	cps
Gadolinium	160-1	57	43	43	48	16.12	cps
Gadolinium	160-2	617	723	620	653	9.28	cps
Holmium	165-1	15791332	15756007	15951536	15832959	0.66	cps
Holmium	165-2	11822358	11699687	11720886	11747644	0.56	cps
Indium	115-1	13186791	13366976	13306880	13286882	0.69	cps
Indium	115-2	5003305	5030777	4964228	4999437	0.67	cps
Iron	56-2	2237277	2238396	2219136	2231603	0.48	cps
Iron	57-2	56666	57382	57262	57104	0.67	cps
Iron	54-2	125968	124680	123917	124855	0.83	cps
Krypton	83-1	250	290	277	272	7.48	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21063	21564	21410	21346	1.20	cps
Lead	207-1	18409	18867	18913	18730	1.49	cps
Lead	208-1	84202	84739	85542	84828	0.79	cps
Lithium	6-1	1634324	1698994	1697440	1676920	2.20	cps
Magnesium	24-2	497006	490091	489345	492147	0.86	cps
Manganese	55-2	9790	9623	9990	9801	1.87	cps
Molybdenum	94-1	57639	57917	57746	57768	0.24	cps
Molybdenum	95-1	70000	69876	69444	69773	0.42	cps
Molybdenum	96-1	77108	78093	77775	77659	0.65	cps
Molybdenum	97-1	43538	43558	43765	43620	0.29	cps
Molybdenum	98-1	111370	114551	113859	113260	1.48	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	23	10	10	14	53.28	cps
Nickel	60-2	5391	5441	5551	5461	1.50	cps
Phosphorus	31-2	903	860	823	862	4.64	cps
Potassium	39-2	738484	740108	731070	736554	0.65	cps
Rhodium	103-1	12440843	12620136	12633312	12564764	0.86	cps
Rhodium	103-2	7688026	7666147	7663954	7672709	0.17	cps
Scandium	45-1	7227762	7314019	7326154	7289312	0.74	cps
Scandium	45-2	650665	645789	645718	647390	0.44	cps
Selenium	82-1	2630	2484	2459	2525	3.66	cps
Selenium	77-2	270	190	277	246	19.64	cps
Selenium	78-2	1283	1303	1293	1293	0.77	cps
Silicon	28-1	854696	861285	860735	858905	0.43	cps
Silver	107-1	36380	36702	36780	36621	0.58	cps
Silver	109-1	34775	35707	34448	34977	1.87	cps
Sodium	23-2	814851	810089	807245	810728	0.47	cps
Strontium	86-1	9416	9323	9320	9353	0.59	cps
Strontium	88-1	78565	79138	78699	78800	0.38	cps
Sulfur	34-1	219632	220406	222583	220874	0.69	cps
Terbium	159-1	16170996	16239307	16113783	16174695	0.39	cps
Terbium	159-2	11675238	11485534	11483919	11548230	0.95	cps
Thallium	203-1	26322	25898	25951	26057	0.89	cps
Thallium	205-1	62054	62442	62017	62171	0.38	cps
Tin	118-1	119753	118357	118771	118960	0.60	cps
Titanium	47-1	4317	4527	4204	4350	3.77	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:12:51	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73240	73793	73552	73528	0.38	cps
Vanadium	51-2	51467	51494	51364	51442	0.13	cps
Yttrium	89-1	15568638	15753209	15683926	15668591	0.60	cps
Yttrium	89-2	4276406	4316965	4309173	4300848	0.50	cps
Zinc	66-2	11768	12082	11898	11916	1.32	cps
Zirconium	90-1	48710	47874	48623	48403	0.95	cps
Zirconium	91-1	10681	10877	10747	10768	0.93	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6348	6495	6588	6477	1.87	cps
Antimony	121-1	27757	28335	28291	28128	1.14	cps
Arsenic	75-2	887	713	777	792	11.07	cps
Barium	135-1	33656	34278	33884	33939	0.93	cps
Barium	137-1	58265	58714	59059	58679	0.68	cps
Beryllium	9-1	1803	1637	1600	1680	6.45	cps
Bismuth	209-1	9586340	9565237	9547630	9566402	0.20	cps
Bismuth	209-2	8436935	8402637	8392085	8410552	0.28	cps
Bromine	81-1	15822	15865	16282	15990	1.59	cps
Bromine	81-2	203	157	197	186	13.60	cps
Cadmium	108-1	290	310	280	293	5.21	cps
Cadmium	106-1	4234	4401	4157	4264	2.92	cps
Cadmium	111-1	6592	6599	6659	6617	0.56	cps
Calcium	43-1	19800	19800	19563	19721	0.69	cps
Calcium	44-1	322270	326320	323748	324113	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12449	12232	12188	12290	1.13	cps
Cobalt	59-2	9506	9140	9436	9361	2.08	cps
Copper	63-2	18558	17744	17731	18011	2.63	cps
Dysprosium	156-1	7	17	10	11	45.82	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	47	67	47	53	21.65	cps
Erbium	164-2	30	30	50	37	31.49	cps
Gadolinium	160-1	30	43	37	37	18.18	cps
Gadolinium	160-2	660	683	600	648	6.64	cps
Holmium	165-1	15522696	15452449	15903346	15626163	1.55	cps
Holmium	165-2	11533686	11621491	11680491	11611889	0.64	cps
Indium	115-1	13211511	13390460	13281760	13294577	0.68	cps
Indium	115-2	4974208	4942739	5003216	4973388	0.61	cps
Iron	56-2	1125992	1131617	1128245	1128618	0.25	cps
Iron	57-2	28935	29259	28697	28964	0.97	cps
Iron	54-2	63952	63955	64323	64077	0.33	cps
Krypton	83-1	270	287	203	253	17.41	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11395	11185	11702	11427	2.28	cps
Lead	207-1	9777	10060	9837	9891	1.51	cps
Lead	208-1	44983	45173	45250	45135	0.30	cps
Lithium	6-1	1693894	1692608	1715804	1700769	0.77	cps
Magnesium	24-2	248787	247432	247503	247908	0.31	cps
Manganese	55-2	5188	5141	4988	5105	2.05	cps
Molybdenum	94-1	29009	29346	28511	28955	1.45	cps
Molybdenum	95-1	34397	35840	35282	35173	2.07	cps
Molybdenum	96-1	38862	39246	39039	39049	0.49	cps
Molybdenum	97-1	21993	21997	21706	21899	0.76	cps
Molybdenum	98-1	55411	57208	56947	56522	1.72	cps
Neodymium	150-1	20	10	10	13	43.30	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	3030	3024	3014	3023	0.28	cps
Phosphorus	31-2	540	507	540	529	3.64	cps
Potassium	39-2	402536	399789	399357	400561	0.43	cps
Rhodium	103-1	12332346	12366610	12542095	12413684	0.91	cps
Rhodium	103-2	7607880	7602669	7557754	7589435	0.36	cps
Scandium	45-1	7240207	7288822	7369752	7299594	0.90	cps
Scandium	45-2	646011	641326	646855	644731	0.46	cps
Selenium	82-1	1342	1315	1407	1355	3.48	cps
Selenium	77-2	133	127	120	127	5.27	cps
Selenium	78-2	963	893	840	899	6.88	cps
Silicon	28-1	790063	790706	791394	790721	0.08	cps
Silver	107-1	18552	18384	18639	18525	0.70	cps
Silver	109-1	17384	17671	17811	17622	1.24	cps
Sodium	23-2	417900	418063	417597	417853	0.06	cps
Strontium	86-1	4998	4934	5078	5003	1.44	cps
Strontium	88-1	39159	39439	39877	39492	0.92	cps
Sulfur	34-1	221025	222496	225207	222910	0.95	cps
Terbium	159-1	15970927	16026507	16270008	16089147	0.99	cps
Terbium	159-2	11490510	11593070	11553807	11545796	0.45	cps
Thallium	203-1	12823	12966	13016	12935	0.78	cps
Thallium	205-1	31189	32596	31957	31914	2.21	cps
Tin	118-1	61156	61206	60935	61099	0.24	cps
Titanium	47-1	2167	2324	2147	2212	4.37	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD633	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:16:07	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37095	37459	37195	37250	0.51	cps
Vanadium	51-2	25859	25642	26139	25880	0.96	cps
Yttrium	89-1	15431930	15545424	15727061	15568138	0.96	cps
Yttrium	89-2	4252637	4281247	4204106	4245997	0.92	cps
Zinc	66-2	6258	6225	6321	6268	0.78	cps
Zirconium	90-1	24591	24788	24390	24590	0.81	cps
Zirconium	91-1	5141	5454	5314	5303	2.96	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	883	760	798	9.31	cps
Antimony	121-1	343	397	360	367	7.44	cps
Arsenic	75-2	7	17	23	16	53.90	cps
Barium	135-1	467	390	413	423	9.28	cps
Barium	137-1	660	573	637	623	7.19	cps
Beryllium	9-1	97	93	120	103	14.06	cps
Bismuth	209-1	9176510	9392227	9474746	9347828	1.65	cps
Bismuth	209-2	8227837	8263758	8134224	8208606	0.81	cps
Bromine	81-1	16286	17057	16466	16603	2.43	cps
Bromine	81-2	333	293	273	300	10.18	cps
Cadmium	108-1	10	13	10	11	17.30	cps
Cadmium	106-1	3751	3911	3774	3812	2.27	cps
Cadmium	111-1	2720	2800	2733	2751	1.56	cps
Calcium	43-1	640	603	650	631	3.89	cps
Calcium	44-1	15541	15338	15224	15368	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1323	1253	1120	1232	8.38	cps
Cobalt	59-2	333	297	397	342	14.78	cps
Copper	63-2	2464	2230	2464	2386	5.65	cps
Dysprosium	156-1	7	20	7	11	69.25	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	90	67	67	74	18.09	cps
Erbium	164-2	40	47	43	43	7.70	cps
Gadolinium	160-1	90	47	57	64	35.20	cps
Gadolinium	160-2	567	580	657	601	8.08	cps
Holmium	165-1	15165684	15425150	15389198	15326677	0.92	cps
Holmium	165-2	11487211	11341265	11493216	11440564	0.75	cps
Indium	115-1	12734339	13149785	13257203	13047109	2.12	cps
Indium	115-2	4932845	4911802	4964463	4936370	0.54	cps
Iron	56-2	46893	47659	47789	47447	1.02	cps
Iron	57-2	1703	1770	1697	1723	2.35	cps
Iron	54-2	3921	4094	4321	4112	4.88	cps
Krypton	83-1	227	250	297	258	13.83	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1763	1937	1930	1877	5.23	cps
Lead	207-1	1597	1480	1550	1542	3.81	cps
Lead	208-1	7371	7364	7508	7414	1.09	cps
Lithium	6-1	1660220	1665866	1697644	1674577	1.20	cps
Magnesium	24-2	6501	6228	6231	6320	2.48	cps
Manganese	55-2	1210	1300	1240	1250	3.67	cps
Molybdenum	94-1	1363	1340	1387	1363	1.71	cps
Molybdenum	95-1	1657	1643	1637	1646	0.62	cps
Molybdenum	96-1	1800	1870	1970	1880	4.55	cps
Molybdenum	97-1	953	1023	1007	994	3.68	cps
Molybdenum	98-1	2417	2470	2370	2419	2.07	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	417	507	397	440	13.32	cps
Phosphorus	31-2	200	187	203	197	4.48	cps
Potassium	39-2	64918	64392	64583	64631	0.41	cps
Rhodium	103-1	11904510	12246076	12365400	12171995	1.97	cps
Rhodium	103-2	7566808	7520401	7507611	7531606	0.41	cps
Scandium	45-1	7081008	7119280	7242099	7147462	1.18	cps
Scandium	45-2	630315	630277	632448	631013	0.20	cps
Selenium	82-1	169	209	110	163	30.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	580	453	500	511	12.53	cps
Silicon	28-1	725723	726287	731013	727674	0.40	cps
Silver	107-1	653	673	633	653	3.07	cps
Silver	109-1	640	507	483	543	15.56	cps
Sodium	23-2	32260	32361	32297	32306	0.16	cps
Strontium	86-1	440	513	467	473	7.84	cps
Strontium	88-1	947	1010	1020	992	4.01	cps
Sulfur	34-1	225005	227034	224579	225539	0.58	cps
Terbium	159-1	15436459	15708876	15875747	15673694	1.41	cps
Terbium	159-2	11280771	11250427	11121129	11217442	0.76	cps
Thallium	203-1	820	677	797	764	10.06	cps
Thallium	205-1	1717	1760	1747	1741	1.27	cps
Tin	118-1	2084	2214	2097	2131	3.36	cps
Titanium	47-1	417	433	453	434	4.23	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BL	Instrumnet Name :	P7
Client Sample ID :	PBS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:19:22	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	757	827	810	798	4.58	cps
Vanadium	51-2	170	110	113	131	25.72	cps
Yttrium	89-1	15076578	15386806	15371189	15278191	1.14	cps
Yttrium	89-2	4170084	4211556	4215371	4199004	0.60	cps
Zinc	66-2	547	623	573	581	6.70	cps
Zirconium	90-1	1363	1277	1213	1285	5.86	cps
Zirconium	91-1	203	270	247	240	14.10	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13212	13129	13246	13196	0.46	cps
Antimony	121-1	55440	56664	56474	56193	1.17	cps
Arsenic	75-2	1513	1510	1583	1536	2.70	cps
Barium	135-1	67194	68336	67891	67807	0.85	cps
Barium	137-1	115981	118781	118340	117701	1.28	cps
Beryllium	9-1	2904	3027	3270	3067	6.08	cps
Bismuth	209-1	9992944	9557016	9477098	9675686	2.87	cps
Bismuth	209-2	8500848	8417476	8252145	8390156	1.51	cps
Bromine	81-1	15738	15512	16302	15851	2.57	cps
Bromine	81-2	187	223	207	206	8.93	cps
Cadmium	108-1	523	600	587	570	7.19	cps
Cadmium	106-1	4687	4811	4297	4599	5.83	cps
Cadmium	111-1	10264	10618	10349	10410	1.78	cps
Calcium	43-1	38829	39267	39415	39170	0.78	cps
Calcium	44-1	631202	640374	637154	636244	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23191	24066	24199	23819	2.30	cps
Cobalt	59-2	18872	18809	18819	18833	0.18	cps
Copper	63-2	31984	31827	32048	31953	0.36	cps
Dysprosium	156-1	17	23	10	17	39.99	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	80	67	53	67	20.00	cps
Erbium	164-2	40	33	53	42	24.12	cps
Gadolinium	160-1	57	37	40	44	24.11	cps
Gadolinium	160-2	657	683	717	686	4.38	cps
Holmium	165-1	16489895	15811920	15550776	15950863	3.04	cps
Holmium	165-2	11894282	11382384	11469178	11581948	2.37	cps
Indium	115-1	13975057	13298156	13124341	13465851	3.34	cps
Indium	115-2	5027870	4937039	4877784	4947564	1.53	cps
Iron	56-2	2246646	2236203	2200000	2227616	1.10	cps
Iron	57-2	57459	57389	56272	57040	1.17	cps
Iron	54-2	125359	124886	126617	125621	0.71	cps
Krypton	83-1	210	240	310	253	20.26	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21374	20459	21357	21063	2.48	cps
Lead	207-1	18035	18569	18406	18337	1.49	cps
Lead	208-1	84116	84103	83834	84017	0.19	cps
Lithium	6-1	1776049	1682730	1662459	1707079	3.55	cps
Magnesium	24-2	495672	498281	495654	496536	0.30	cps
Manganese	55-2	9773	9790	9713	9759	0.41	cps
Molybdenum	94-1	57275	57787	57171	57411	0.57	cps
Molybdenum	95-1	68556	71678	70311	70181	2.23	cps
Molybdenum	96-1	77889	78690	78214	78264	0.51	cps
Molybdenum	97-1	44123	43618	43986	43909	0.59	cps
Molybdenum	98-1	111958	113151	111834	112314	0.65	cps
Neodymium	150-1	7	10	17	11	45.82	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	5434	5241	5374	5350	1.85	cps
Phosphorus	31-2	873	763	1007	881	13.83	cps
Potassium	39-2	737722	743153	743765	741547	0.45	cps
Rhodium	103-1	13202788	12533464	12403929	12713394	3.37	cps
Rhodium	103-2	7755679	7616021	7563579	7645093	1.30	cps
Scandium	45-1	7817037	7229150	7326281	7457489	4.23	cps
Scandium	45-2	660226	643011	642303	648514	1.57	cps
Selenium	82-1	2475	2442	2337	2418	2.98	cps
Selenium	77-2	217	303	233	251	18.31	cps
Selenium	78-2	1453	1347	1380	1393	3.92	cps
Silicon	28-1	863025	873115	874554	870231	0.72	cps
Silver	107-1	36090	37865	37047	37001	2.40	cps
Silver	109-1	34635	34254	34852	34580	0.88	cps
Sodium	23-2	815064	816395	815297	815585	0.09	cps
Strontium	86-1	9500	9633	9493	9542	0.83	cps
Strontium	88-1	77054	78367	79295	78239	1.44	cps
Sulfur	34-1	226538	226694	223107	225446	0.90	cps
Terbium	159-1	17004432	16106422	16084434	16398430	3.20	cps
Terbium	159-2	11569805	11375519	11413355	11452893	0.90	cps
Thallium	203-1	25100	26523	26225	25949	2.89	cps
Thallium	205-1	60366	60979	60695	60680	0.51	cps
Tin	118-1	118889	117850	118596	118445	0.45	cps
Titanium	47-1	4344	4291	4517	4384	2.70	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BS	Instrumnet Name :	P7
Client Sample ID :	LCS655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:22:40	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	72064	74293	73009	73122	1.53	cps
Vanadium	51-2	51845	51364	51514	51574	0.48	cps
Yttrium	89-1	16498015	15760529	15616501	15958348	2.96	cps
Yttrium	89-2	4373664	4217914	4261571	4284383	1.88	cps
Zinc	66-2	12302	11945	12195	12147	1.51	cps
Zirconium	90-1	47527	48416	48031	47991	0.93	cps
Zirconium	91-1	10597	10844	10881	10774	1.43	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8959	8673	8626	8753	2.06	cps
Antimony	121-1	29273	28729	28335	28779	1.64	cps
Arsenic	75-2	863	800	953	872	8.83	cps
Barium	135-1	34438	34929	34943	34770	0.83	cps
Barium	137-1	59447	60361	60625	60144	1.03	cps
Beryllium	9-1	1477	1650	1680	1602	6.85	cps
Bismuth	209-1	9938271	9573770	9436598	9649546	2.69	cps
Bismuth	209-2	8282822	8262322	8311751	8285632	0.30	cps
Bromine	81-1	15712	15688	15448	15616	0.93	cps
Bromine	81-2	167	183	200	183	9.09	cps
Cadmium	108-1	283	253	247	261	7.48	cps
Cadmium	106-1	4307	4191	4091	4196	2.58	cps
Cadmium	111-1	6618	6515	6485	6539	1.07	cps
Calcium	43-1	19943	20093	19793	19943	0.75	cps
Calcium	44-1	328605	335133	331759	331832	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12779	12472	12635	12629	1.22	cps
Cobalt	59-2	9857	9733	9810	9800	0.64	cps
Copper	63-2	18368	18428	18622	18473	0.72	cps
Dysprosium	156-1	17	20	10	16	32.73	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	90	90	100	93	6.19	cps
Erbium	164-2	57	60	17	44	54.25	cps
Gadolinium	160-1	70	67	47	61	20.65	cps
Gadolinium	160-2	647	717	583	649	10.28	cps
Holmium	165-1	16194647	15848711	15509275	15850878	2.16	cps
Holmium	165-2	11549452	11546516	11622635	11572868	0.37	cps
Indium	115-1	13751953	13300651	13399072	13483892	1.76	cps
Indium	115-2	5005768	4977723	5017312	5000267	0.41	cps
Iron	56-2	1156209	1153063	1154914	1154728	0.14	cps
Iron	57-2	29920	29325	30047	29764	1.29	cps
Iron	54-2	65559	65846	65277	65561	0.43	cps
Krypton	83-1	273	297	203	258	18.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11482	11315	11341	11379	0.79	cps
Lead	207-1	10247	9754	9807	9936	2.73	cps
Lead	208-1	45723	44936	45530	45397	0.90	cps
Lithium	6-1	1749843	1686812	1666788	1701147	2.55	cps
Magnesium	24-2	253945	252618	254390	253651	0.36	cps
Manganese	55-2	5311	5214	4994	5173	3.14	cps
Molybdenum	94-1	29490	29617	29944	29683	0.79	cps
Molybdenum	95-1	35760	35764	35851	35792	0.14	cps
Molybdenum	96-1	39804	40366	39924	40031	0.74	cps
Molybdenum	97-1	22711	22598	22270	22526	1.02	cps
Molybdenum	98-1	58075	58510	58915	58500	0.72	cps
Neodymium	150-1	17	20	10	16	32.73	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	3137	3240	3004	3127	3.80	cps
Phosphorus	31-2	580	640	583	601	5.61	cps
Potassium	39-2	412880	412016	411426	412107	0.18	cps
Rhodium	103-1	12813903	12488197	12337854	12546651	1.94	cps
Rhodium	103-2	7627250	7541420	7615565	7594745	0.61	cps
Scandium	45-1	7531810	7442163	7250465	7408146	1.94	cps
Scandium	45-2	645692	647148	643776	645539	0.26	cps
Selenium	82-1	1339	1304	1435	1359	5.00	cps
Selenium	77-2	127	117	117	120	4.81	cps
Selenium	78-2	993	923	1080	999	7.86	cps
Silicon	28-1	815352	815005	816421	815593	0.09	cps
Silver	107-1	18441	18801	19452	18898	2.71	cps
Silver	109-1	17230	18011	17841	17694	2.32	cps
Sodium	23-2	430753	428997	427891	429214	0.34	cps
Strontium	86-1	4974	5004	4888	4955	1.22	cps
Strontium	88-1	40329	41211	40522	40687	1.14	cps
Sulfur	34-1	218756	221278	220047	220027	0.57	cps
Terbium	159-1	16555099	16181361	16209526	16315329	1.28	cps
Terbium	159-2	11448919	11365212	11332633	11382254	0.53	cps
Thallium	203-1	13337	13013	13574	13308	2.11	cps
Thallium	205-1	31991	32028	32409	32142	0.72	cps
Tin	118-1	61310	62170	62747	62076	1.17	cps
Titanium	47-1	2340	2180	2307	2276	3.71	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165655BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD655	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:25:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37055	37446	36935	37145	0.72	cps
Vanadium	51-2	26617	26116	26507	26413	1.00	cps
Yttrium	89-1	16112163	15762045	15497790	15790666	1.95	cps
Yttrium	89-2	4236841	4257936	4254626	4249801	0.27	cps
Zinc	66-2	6375	6381	6608	6455	2.06	cps
Zirconium	90-1	24848	25325	25546	25239	1.41	cps
Zirconium	91-1	5554	5658	5701	5638	1.34	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13117389	12960686	12951725	13009933	0.72	cps
Antimony	121-1	3554	3597	3767	3639	3.10	cps
Arsenic	75-2	54346	53412	53161	53640	1.16	cps
Barium	135-1	1086987	1084259	1074699	1081982	0.60	cps
Barium	137-1	1961403	1931641	1906776	1933274	1.41	cps
Beryllium	9-1	2210	2217	2184	2204	0.80	cps
Bismuth	209-1	9440823	9479554	9490376	9470251	0.28	cps
Bismuth	209-2	8406008	8359140	8304758	8356635	0.61	cps
Bromine	81-1	16332	15955	14837	15708	4.95	cps
Bromine	81-2	530	610	570	570	7.02	cps
Cadmium	108-1	367	340	390	366	6.84	cps
Cadmium	106-1	4864	4494	4267	4542	6.63	cps
Cadmium	111-1	5088	5113	4974	5059	1.47	cps
Calcium	43-1	1181537	1189355	1206481	1192458	1.07	cps
Calcium	44-1	19238998	18968271	18627991	18945087	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	319641	318184	318163	318663	0.27	cps
Cobalt	59-2	398330	396963	392977	396090	0.70	cps
Copper	63-2	652508	644718	644845	647357	0.69	cps
Dysprosium	156-1	129009	127579	127200	127929	0.75	cps
Dysprosium	156-2	108572	109898	110930	109800	1.08	cps
Erbium	164-1	109511	111319	111047	110626	0.88	cps
Erbium	164-2	82890	83839	81734	82821	1.27	cps
Gadolinium	160-1	125960	123011	125247	124739	1.23	cps
Gadolinium	160-2	96550	95449	95429	95809	0.67	cps
Holmium	165-1	16033165	15838817	15813101	15895028	0.76	cps
Holmium	165-2	11708304	11866336	11797175	11790605	0.67	cps
Indium	115-1	13125855	12881973	12942859	12983562	0.98	cps
Indium	115-2	4701525	4758167	4712758	4724150	0.63	cps
Iron	56-2	527125005	520158566	523797432	523693668	0.67	cps
Iron	57-2	12948658	12741649	12653202	12781170	1.19	cps
Iron	54-2	28481199	28237780	28323850	28347610	0.44	cps
Krypton	83-1	380	453	400	411	9.22	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	400811	397846	399375	399344	0.37	cps
Lead	207-1	339318	343402	342478	341733	0.63	cps
Lead	208-1	1554358	1562470	1553231	1556686	0.32	cps
Lithium	6-1	1663123	1652495	1634988	1650202	0.86	cps
Magnesium	24-2	9485254	9529446	9471902	9495534	0.32	cps
Manganese	55-2	8310994	8291988	8263418	8288800	0.29	cps
Molybdenum	94-1	75306	74713	76285	75434	1.05	cps
Molybdenum	95-1	6638	6498	6465	6534	1.41	cps
Molybdenum	96-1	24661	24701	24063	24475	1.46	cps
Molybdenum	97-1	4137	4104	4107	4116	0.45	cps
Molybdenum	98-1	10397	10150	10077	10208	1.64	cps
Neodymium	150-1	213349	213742	211173	212755	0.65	cps
Neodymium	150-2	133289	134964	132512	133589	0.94	cps
Nickel	60-2	115121	115168	113327	114539	0.92	cps
Phosphorus	31-2	44631	44468	45029	44709	0.65	cps
Potassium	39-2	3802550	3765177	3751073	3772933	0.71	cps
Rhodium	103-1	12192810	11938969	11665934	11932571	2.21	cps
Rhodium	103-2	7150289	7157360	7068775	7125475	0.69	cps
Scandium	45-1	7655848	7445736	7315364	7472316	2.30	cps
Scandium	45-2	631523	626176	625928	627876	0.50	cps
Selenium	82-1	531	527	450	503	9.15	cps
Selenium	77-2	347	323	350	340	4.27	cps
Selenium	78-2	813	743	800	786	4.73	cps
Silicon	28-1	44746361	40783587	40644873	42058274	5.54	cps
Silver	107-1	2898	3016	2753	2889	4.55	cps
Silver	109-1	2437	2380	2284	2367	3.28	cps
Sodium	23-2	153980	157816	148104	153300	3.19	cps
Strontium	86-1	298964	300906	294714	298194	1.06	cps
Strontium	88-1	2722264	2644730	2618745	2661913	2.02	cps
Sulfur	34-1	223112	209823	201226	211387	5.22	cps
Terbium	159-1	16464406	16190938	16185605	16280316	0.98	cps
Terbium	159-2	11451660	11558314	11614025	11541333	0.71	cps
Thallium	203-1	3741	3661	3611	3671	1.79	cps
Thallium	205-1	8716	9177	9257	9050	3.22	cps
Tin	118-1	15587	16562	19218	17122	10.97	cps
Titanium	47-1	938208	933163	909980	927117	1.62	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:29:12	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38078	37737	38248	38021	0.69	cps
Vanadium	51-2	885518	881595	873911	880341	0.67	cps
Yttrium	89-1	17224073	16812350	16561088	16865837	1.98	cps
Yttrium	89-2	4502547	4517626	4488397	4502857	0.32	cps
Zinc	66-2	231842	231598	232708	232049	0.25	cps
Zirconium	90-1	197181	195109	191690	194660	1.42	cps
Zirconium	91-1	44414	44591	43081	44029	1.88	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12817929	12827230	12736207	12793788	0.39	cps
Antimony	121-1	9957	10090	10090	10046	0.77	cps
Arsenic	75-2	53285	53075	53927	53429	0.83	cps
Barium	135-1	1051363	1066321	1063781	1060488	0.75	cps
Barium	137-1	1869824	1932858	1907613	1903431	1.67	cps
Beryllium	9-1	2860	2970	2854	2895	2.26	cps
Bismuth	209-1	10255488	9664864	9510251	9810201	4.01	cps
Bismuth	209-2	8338994	8509007	8334811	8394270	1.18	cps
Bromine	81-1	15315	15682	15408	15468	1.23	cps
Bromine	81-2	587	647	633	622	5.06	cps
Cadmium	108-1	427	393	453	424	7.08	cps
Cadmium	106-1	5078	4457	4657	4731	6.69	cps
Cadmium	111-1	7041	6595	6815	6817	3.27	cps
Calcium	43-1	1171757	1178689	1184626	1178357	0.55	cps
Calcium	44-1	18039920	18440230	18278336	18252829	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	314774	314266	313816	314285	0.15	cps
Cobalt	59-2	393430	395790	392815	394012	0.40	cps
Copper	63-2	659818	659072	658193	659028	0.12	cps
Dysprosium	156-1	122764	123938	125861	124187	1.26	cps
Dysprosium	156-2	109784	110070	109848	109901	0.14	cps
Erbium	164-1	108930	110005	108736	109224	0.63	cps
Erbium	164-2	82330	81945	82119	82132	0.24	cps
Gadolinium	160-1	119198	122916	122097	121404	1.61	cps
Gadolinium	160-2	94751	94197	95711	94886	0.81	cps
Holmium	165-1	16932576	16094605	15751528	16259569	3.74	cps
Holmium	165-2	11846777	11943713	11952844	11914445	0.49	cps
Indium	115-1	13617257	12738689	12598418	12984788	4.25	cps
Indium	115-2	4853578	4762021	4792520	4802707	0.97	cps
Iron	56-2	519573726	512714286	508717366	513668459	1.07	cps
Iron	57-2	12659796	12759636	12612491	12677308	0.59	cps
Iron	54-2	27947666	28014251	27672328	27878082	0.65	cps
Krypton	83-1	370	357	367	364	1.91	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	413128	424343	421910	419794	1.41	cps
Lead	207-1	355510	364648	358693	359617	1.29	cps
Lead	208-1	1623175	1656734	1648262	1642724	1.06	cps
Lithium	6-1	1716426	1631099	1616903	1654809	3.25	cps
Magnesium	24-2	9427215	9456183	9283812	9389070	0.98	cps
Manganese	55-2	8285937	8229105	8087119	8200720	1.25	cps
Molybdenum	94-1	91698	92919	91275	91964	0.93	cps
Molybdenum	95-1	40459	40098	40463	40340	0.52	cps
Molybdenum	96-1	59835	60698	60006	60180	0.76	cps
Molybdenum	97-1	25269	25809	25249	25442	1.25	cps
Molybdenum	98-1	64813	65506	65151	65157	0.53	cps
Neodymium	150-1	205171	210572	209419	208387	1.36	cps
Neodymium	150-2	132115	131567	131314	131666	0.31	cps
Nickel	60-2	112844	113851	112786	113160	0.53	cps
Phosphorus	31-2	44622	43906	44311	44279	0.81	cps
Potassium	39-2	3760305	3771440	3762613	3764786	0.16	cps
Rhodium	103-1	12482039	11686356	11549751	11906049	4.23	cps
Rhodium	103-2	7188186	7214153	7183239	7195193	0.23	cps
Scandium	45-1	7702599	7265320	7201122	7389680	3.69	cps
Scandium	45-2	630817	629780	621502	627366	0.81	cps
Selenium	82-1	647	665	579	630	7.15	cps
Selenium	77-2	417	347	350	371	10.64	cps
Selenium	78-2	737	740	680	719	4.69	cps
Silicon	28-1	38264824	38663839	38153744	38360802	0.70	cps
Silver	107-1	11426	11361	11379	11388	0.29	cps
Silver	109-1	10641	10547	10440	10543	0.95	cps
Sodium	23-2	332405	335615	330020	332680	0.84	cps
Strontium	86-1	289248	290537	288319	289368	0.38	cps
Strontium	88-1	2548223	2580179	2586084	2571496	0.79	cps
Sulfur	34-1	185926	181349	181855	183043	1.37	cps
Terbium	159-1	17294462	16335520	16134231	16588071	3.74	cps
Terbium	159-2	11538241	11606214	11602439	11582298	0.33	cps
Thallium	203-1	10024	10010	10381	10138	2.07	cps
Thallium	205-1	23838	24048	24305	24064	0.97	cps
Tin	118-1	11805	12573	14352	12910	10.12	cps
Titanium	47-1	876463	888429	882540	882478	0.68	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:32:19	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56004	56630	57273	56635	1.12	cps
Vanadium	51-2	869303	865942	863977	866408	0.31	cps
Yttrium	89-1	17503327	16660139	16435334	16866266	3.34	cps
Yttrium	89-2	4491918	4528043	4530913	4516958	0.48	cps
Zinc	66-2	236802	235690	235515	236002	0.30	cps
Zirconium	90-1	185523	188848	188936	187769	1.04	cps
Zirconium	91-1	42104	42665	41245	42004	1.70	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2656382	2634484	2652746	2647870	0.44	cps
Antimony	121-1	1997	1900	2084	1993	4.60	cps
Arsenic	75-2	11271	11318	11148	11245	0.78	cps
Barium	135-1	213324	214840	215656	214607	0.55	cps
Barium	137-1	371007	373905	378004	374305	0.94	cps
Beryllium	9-1	533	660	660	618	11.84	cps
Bismuth	209-1	9495371	9479907	9409188	9461489	0.49	cps
Bismuth	209-2	8431482	8272499	8428985	8377655	1.09	cps
Bromine	81-1	14727	14514	14818	14686	1.06	cps
Bromine	81-2	277	267	333	292	12.30	cps
Cadmium	108-1	103	80	107	97	15.03	cps
Cadmium	106-1	3717	3664	3664	3682	0.84	cps
Cadmium	111-1	3312	3288	3269	3290	0.65	cps
Calcium	43-1	237926	241498	243330	240918	1.14	cps
Calcium	44-1	3681916	3728519	3758236	3722890	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65619	65766	65926	65770	0.23	cps
Cobalt	59-2	82951	81875	83014	82613	0.78	cps
Copper	63-2	150077	151080	148673	149943	0.81	cps
Dysprosium	156-1	24765	25009	25293	25022	1.06	cps
Dysprosium	156-2	22024	22298	22582	22301	1.25	cps
Erbium	164-1	21867	22074	21877	21940	0.53	cps
Erbium	164-2	16994	16376	16406	16592	2.10	cps
Gadolinium	160-1	24398	25206	24047	24550	2.42	cps
Gadolinium	160-2	19908	20191	19681	19927	1.28	cps
Holmium	165-1	15370229	15485466	15581105	15478933	0.68	cps
Holmium	165-2	11719436	11570688	11746754	11678960	0.81	cps
Indium	115-1	12747636	12723191	12660306	12710378	0.35	cps
Indium	115-2	4848374	4820582	4864757	4844571	0.46	cps
Iron	56-2	107508525	106611558	105966938	106695674	0.73	cps
Iron	57-2	2671612	2672057	2628171	2657280	0.95	cps
Iron	54-2	5785763	5728698	5708496	5740986	0.70	cps
Krypton	83-1	230	240	253	241	4.86	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	85929	85923	87248	86366	0.88	cps
Lead	207-1	72794	73558	73367	73239	0.54	cps
Lead	208-1	332742	333440	337105	334429	0.70	cps
Lithium	6-1	1606071	1611321	1613550	1610314	0.24	cps
Magnesium	24-2	1954214	1955047	1939080	1949447	0.46	cps
Manganese	55-2	1703284	1696139	1700298	1699907	0.21	cps
Molybdenum	94-1	18372	19026	18732	18710	1.75	cps
Molybdenum	95-1	7966	8199	7902	8022	1.95	cps
Molybdenum	96-1	11731	12229	12082	12014	2.13	cps
Molybdenum	97-1	4968	4868	4911	4915	1.02	cps
Molybdenum	98-1	12719	12786	13346	12950	2.66	cps
Neodymium	150-1	41812	42313	41982	42036	0.61	cps
Neodymium	150-2	27026	26568	26555	26716	1.00	cps
Nickel	60-2	25472	24677	25208	25119	1.61	cps
Phosphorus	31-2	9296	9380	9356	9344	0.46	cps
Potassium	39-2	842692	849545	845522	845920	0.41	cps
Rhodium	103-1	11836436	11871104	11784186	11830576	0.37	cps
Rhodium	103-2	7341968	7279684	7299895	7307182	0.43	cps
Scandium	45-1	6902792	6905048	6878884	6895575	0.21	cps
Scandium	45-2	606624	602751	603876	604417	0.33	cps
Selenium	82-1	293	282	253	276	7.61	cps
Selenium	77-2	60	50	60	57	10.19	cps
Selenium	78-2	567	547	520	544	4.30	cps
Silicon	28-1	8348578	8421264	8599500	8456447	1.53	cps
Silver	107-1	2638	2475	2528	2547	3.25	cps
Silver	109-1	2180	2374	2314	2289	4.32	cps
Sodium	23-2	88740	88740	88050	88510	0.45	cps
Strontium	86-1	58726	58412	60032	59057	1.45	cps
Strontium	88-1	507254	515228	511148	511210	0.78	cps
Sulfur	34-1	157051	158378	161217	158882	1.34	cps
Terbium	159-1	16017457	15948526	15824467	15930150	0.61	cps
Terbium	159-2	11696756	11571927	11417617	11562100	1.21	cps
Thallium	203-1	2380	2287	2380	2349	2.29	cps
Thallium	205-1	5691	5625	5971	5762	3.19	cps
Tin	118-1	4771	4884	5238	4964	4.91	cps
Titanium	47-1	176617	179780	179682	178693	1.01	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 18:35:28	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10958	11492	10951	11134	2.79	cps
Vanadium	51-2	177921	177709	176913	177514	0.30	cps
Yttrium	89-1	15099141	15136406	15254303	15163283	0.53	cps
Yttrium	89-2	4159504	4196444	4235276	4197075	0.90	cps
Zinc	66-2	50087	50709	49562	50119	1.15	cps
Zirconium	90-1	37665	38594	38922	38393	1.70	cps
Zirconium	91-1	8619	8593	8549	8587	0.41	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13120507	13339784	13018086	13159459	1.25	cps
Antimony	121-1	1000424	1008828	1000263	1003172	0.49	cps
Arsenic	75-2	74754	74000	73732	74162	0.71	cps
Barium	135-1	6208377	6282391	6187152	6225973	0.80	cps
Barium	137-1	10720420	10726095	10598005	10681507	0.68	cps
Beryllium	9-1	55278	55803	56204	55762	0.83	cps
Bismuth	209-1	9602136	9511229	9553436	9555601	0.48	cps
Bismuth	209-2	8406695	8373209	8362178	8380694	0.28	cps
Bromine	81-1	15615	15031	15285	15310	1.91	cps
Bromine	81-2	647	630	663	647	2.58	cps
Cadmium	108-1	9063	9023	8839	8975	1.33	cps
Cadmium	106-1	16596	16536	16636	16590	0.30	cps
Cadmium	111-1	137433	138343	138394	138056	0.39	cps
Calcium	43-1	1192805	1184501	1185527	1187611	0.38	cps
Calcium	44-1	18619035	18277499	18354278	18416937	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1107074	1104381	1106569	1106008	0.13	cps
Cobalt	59-2	3539998	3515709	3583574	3546427	0.97	cps
Copper	63-2	1740614	1746272	1728997	1738628	0.51	cps
Dysprosium	156-1	125188	126076	125753	125673	0.36	cps
Dysprosium	156-2	110564	108878	109193	109545	0.82	cps
Erbium	164-1	109754	111409	110499	110554	0.75	cps
Erbium	164-2	81402	80648	81385	81145	0.53	cps
Gadolinium	160-1	122426	122604	122745	122592	0.13	cps
Gadolinium	160-2	94546	95053	94707	94769	0.27	cps
Holmium	165-1	15632708	15850217	15960764	15814563	1.06	cps
Holmium	165-2	11926384	11932523	11884866	11914591	0.22	cps
Indium	115-1	12734092	12839169	12624284	12732515	0.84	cps
Indium	115-2	4791477	4785932	4801217	4792875	0.16	cps
Iron	56-2	518337859	521484352	520294259	520038823	0.31	cps
Iron	57-2	12904588	12628714	12776258	12769853	1.08	cps
Iron	54-2	28134740	28284513	28212750	28210668	0.27	cps
Krypton	83-1	357	353	380	363	4.00	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	576199	577310	573645	575718	0.33	cps
Lead	207-1	486174	484142	483080	484465	0.32	cps
Lead	208-1	2233810	2228070	2227000	2229627	0.16	cps
Lithium	6-1	1652945	1648263	1629342	1643517	0.76	cps
Magnesium	24-2	9369711	9393824	9295550	9353029	0.55	cps
Manganese	55-2	9808564	9863863	9816318	9829582	0.30	cps
Molybdenum	94-1	92137	91966	92892	92332	0.53	cps
Molybdenum	95-1	40653	40239	40185	40359	0.63	cps
Molybdenum	96-1	60568	60642	60026	60412	0.56	cps
Molybdenum	97-1	26063	25242	25589	25631	1.61	cps
Molybdenum	98-1	64994	66089	64552	65211	1.21	cps
Neodymium	150-1	211083	210903	209212	210399	0.49	cps
Neodymium	150-2	132664	131910	130985	131853	0.64	cps
Nickel	60-2	887719	885382	883557	885553	0.24	cps
Phosphorus	31-2	44989	45130	43211	44443	2.41	cps
Potassium	39-2	3818531	3827061	3789013	3811535	0.52	cps
Rhodium	103-1	11679250	11624176	11713077	11672168	0.38	cps
Rhodium	103-2	7212293	7181958	7148535	7180929	0.44	cps
Scandium	45-1	7326435	7142838	7130099	7199791	1.53	cps
Scandium	45-2	628823	634476	624937	629412	0.76	cps
Selenium	82-1	16267	15676	16103	16015	1.90	cps
Selenium	77-2	2020	2110	2100	2077	2.38	cps
Selenium	78-2	6328	6295	6231	6285	0.78	cps
Silicon	28-1	39607556	38663904	38801522	39024327	1.31	cps
Silver	107-1	614853	620385	620775	618671	0.54	cps
Silver	109-1	589092	589990	591278	590120	0.19	cps
Sodium	23-2	328248	329776	325130	327718	0.72	cps
Strontium	86-1	293466	292979	289535	291993	0.73	cps
Strontium	88-1	2597894	2647179	2582511	2609195	1.29	cps
Sulfur	34-1	186115	182421	185423	184653	1.06	cps
Terbium	159-1	16240453	16101446	16294699	16212199	0.61	cps
Terbium	159-2	11623620	11562595	11495862	11560692	0.55	cps
Thallium	203-1	475214	478829	478860	477634	0.44	cps
Thallium	205-1	1122610	1123336	1126978	1124308	0.21	cps
Tin	118-1	13107	12144	11625	12292	6.12	cps
Titanium	47-1	890446	886171	878870	885162	0.66	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:38:37	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57062	56282	56680	56675	0.69	cps
Vanadium	51-2	2622576	2637257	2630444	2630093	0.28	cps
Yttrium	89-1	16651775	16557322	16720912	16643336	0.49	cps
Yttrium	89-2	4544150	4504112	4496320	4514861	0.57	cps
Zinc	66-2	611307	611612	604206	609042	0.69	cps
Zirconium	90-1	188645	191498	187301	189148	1.13	cps
Zirconium	91-1	42431	42007	42214	42217	0.50	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13725977	13773858	13562575	13687470	0.81	cps
Antimony	121-1	4256496	4278993	4267681	4267723	0.26	cps
Arsenic	75-2	140123	138357	136854	138445	1.18	cps
Barium	135-1	22352049	22423170	22091612	22288944	0.78	cps
Barium	137-1	38860609	38354254	38217230	38477364	0.88	cps
Beryllium	9-1	222883	224671	225152	224235	0.53	cps
Bismuth	209-1	9666008	9401072	9400572	9489217	1.61	cps
Bismuth	209-2	8245568	8252541	8149750	8215953	0.70	cps
Bromine	81-1	15975	14687	15708	15457	4.40	cps
Bromine	81-2	637	633	623	631	1.10	cps
Cadmium	108-1	35848	36847	36436	36377	1.38	cps
Cadmium	106-1	54783	53919	52404	53702	2.24	cps
Cadmium	111-1	557773	555530	545836	553046	1.15	cps
Calcium	43-1	1149428	1134854	1124130	1136138	1.12	cps
Calcium	44-1	17749079	17711351	17444190	17634874	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3568236	3545880	3533560	3549226	0.50	cps
Cobalt	59-2	13367192	13319552	13101461	13262735	1.07	cps
Copper	63-2	5056619	5049371	5049074	5051688	0.08	cps
Dysprosium	156-1	121476	122181	120813	121490	0.56	cps
Dysprosium	156-2	106916	105976	106187	106360	0.46	cps
Erbium	164-1	105471	105384	103523	104792	1.05	cps
Erbium	164-2	78901	77463	78415	78260	0.93	cps
Gadolinium	160-1	118401	119229	117686	118439	0.65	cps
Gadolinium	160-2	92600	91737	90543	91627	1.13	cps
Holmium	165-1	16022756	15694301	15707302	15808120	1.18	cps
Holmium	165-2	11676774	11586320	11541941	11601678	0.59	cps
Indium	115-1	12934768	12507635	12567435	12669946	1.83	cps
Indium	115-2	4727465	4673255	4591342	4664021	1.47	cps
Iron	56-2	508018966	498637553	495528393	500728304	1.30	cps
Iron	57-2	12571212	12392678	12348286	12437392	0.95	cps
Iron	54-2	27489981	27242998	26879285	27204088	1.13	cps
Krypton	83-1	353	350	393	366	6.60	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1056404	1066177	1065386	1062656	0.51	cps
Lead	207-1	875509	884287	868990	876262	0.88	cps
Lead	208-1	4153348	4229210	4192283	4191614	0.91	cps
Lithium	6-1	1689212	1621767	1630349	1647110	2.23	cps
Magnesium	24-2	8975287	8784347	8741938	8833858	1.41	cps
Manganese	55-2	14348866	14108570	13935847	14131094	1.47	cps
Molybdenum	94-1	88384	89095	89417	88965	0.59	cps
Molybdenum	95-1	39918	40262	39928	40036	0.49	cps
Molybdenum	96-1	59725	60361	58459	59515	1.63	cps
Molybdenum	97-1	24430	25182	24581	24731	1.61	cps
Molybdenum	98-1	64944	63296	63048	63763	1.62	cps
Neodymium	150-1	203659	203646	200028	202444	1.03	cps
Neodymium	150-2	127150	125320	124409	125626	1.11	cps
Nickel	60-2	3444239	3418104	3390066	3417470	0.79	cps
Phosphorus	31-2	42262	41576	41422	41753	1.07	cps
Potassium	39-2	3573101	3542288	3497747	3537712	1.07	cps
Rhodium	103-1	11868298	11584069	11273697	11575355	2.57	cps
Rhodium	103-2	7035913	7068740	6892325	6998993	1.34	cps
Scandium	45-1	7311062	7035532	6991557	7112717	2.43	cps
Scandium	45-2	612978	597683	592444	601035	1.78	cps
Selenium	82-1	67694	68191	67565	67817	0.49	cps
Selenium	77-2	7329	7435	7265	7343	1.17	cps
Selenium	78-2	24677	24724	23909	24437	1.87	cps
Silicon	28-1	37076186	37234099	36752140	37020809	0.66	cps
Silver	107-1	2010208	1920884	2341615	2090902	10.60	cps
Silver	109-1	2333932	2031136	2056277	2140448	7.85	cps
Sodium	23-2	320157	315634	316460	317417	0.76	cps
Strontium	86-1	279784	279211	279024	279340	0.14	cps
Strontium	88-1	2502545	2500901	2517777	2507074	0.37	cps
Sulfur	34-1	183750	180182	178624	180852	1.45	cps
Terbium	159-1	16569876	16206729	15980973	16252526	1.83	cps
Terbium	159-2	11416716	11232307	11352799	11333941	0.83	cps
Thallium	203-1	2103264	2082728	2103218	2096403	0.56	cps
Thallium	205-1	4922874	4958770	4947496	4943047	0.37	cps
Tin	118-1	12006	12312	12547	12288	2.21	cps
Titanium	47-1	852143	850298	845342	849261	0.41	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:41:39	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55090	56154	55589	55611	0.96	cps
Vanadium	51-2	7999919	7858966	7796432	7885106	1.32	cps
Yttrium	89-1	16790750	16075516	16008352	16291539	2.66	cps
Yttrium	89-2	4337620	4353433	4243036	4311363	1.38	cps
Zinc	66-2	1813963	1827131	1788102	1809732	1.10	cps
Zirconium	90-1	180157	182205	182826	181729	0.77	cps
Zirconium	91-1	41502	41164	39640	40769	2.43	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3289142	3306736	3268197	3288025	0.59	cps
Antimony	121-1	7115	7465	7095	7225	2.88	cps
Arsenic	75-2	14357	14020	14484	14287	1.68	cps
Barium	135-1	262841	266604	268499	265982	1.08	cps
Barium	137-1	459903	466829	466003	464245	0.81	cps
Beryllium	9-1	1310	1320	1153	1261	7.41	cps
Bismuth	209-1	9480490	9425463	9417888	9441280	0.36	cps
Bismuth	209-2	8309857	8202300	8151894	8221350	0.98	cps
Bromine	81-1	13660	13953	14160	13924	1.81	cps
Bromine	81-2	297	337	330	321	6.67	cps
Cadmium	108-1	203	193	190	196	3.55	cps
Cadmium	106-1	3460	3324	3314	3366	2.43	cps
Cadmium	111-1	4489	4457	4419	4455	0.79	cps
Calcium	43-1	301124	303891	303066	302693	0.47	cps
Calcium	44-1	4737323	4716359	4719925	4724535	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83533	84069	84022	83875	0.35	cps
Cobalt	59-2	103765	104061	104531	104119	0.37	cps
Copper	63-2	195850	196282	196313	196148	0.13	cps
Dysprosium	156-1	29564	29865	30727	30052	2.01	cps
Dysprosium	156-2	27029	27427	27370	27275	0.79	cps
Erbium	164-1	26148	26315	26398	26287	0.49	cps
Erbium	164-2	19851	20555	19727	20044	2.23	cps
Gadolinium	160-1	28873	29959	30089	29640	2.25	cps
Gadolinium	160-2	24294	24482	23603	24126	1.92	cps
Holmium	165-1	15439353	15187339	15082550	15236414	1.20	cps
Holmium	165-2	11704396	11518780	11465117	11562764	1.09	cps
Indium	115-1	12609355	12539351	12596910	12581872	0.30	cps
Indium	115-2	4826349	4758137	4799293	4794593	0.72	cps
Iron	56-2	132796655	131000018	131825735	131874136	0.68	cps
Iron	57-2	3324871	3251958	3253231	3276687	1.27	cps
Iron	54-2	7162539	7152012	7156028	7156859	0.07	cps
Krypton	83-1	217	290	253	253	14.47	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	119237	121319	120316	120291	0.87	cps
Lead	207-1	102617	102637	104447	103234	1.02	cps
Lead	208-1	467049	472301	476314	471888	0.98	cps
Lithium	6-1	1568422	1524891	1539784	1544366	1.43	cps
Magnesium	24-2	2539110	2496323	2487110	2507514	1.11	cps
Manganese	55-2	2107178	2095741	2117594	2106838	0.52	cps
Molybdenum	94-1	39369	41045	39289	39901	2.49	cps
Molybdenum	95-1	32600	33328	33996	33308	2.10	cps
Molybdenum	96-1	39590	40556	40185	40110	1.21	cps
Molybdenum	97-1	19960	20865	20368	20398	2.22	cps
Molybdenum	98-1	51995	53297	53661	52984	1.65	cps
Neodymium	150-1	49838	51075	51420	50778	1.64	cps
Neodymium	150-2	32554	32123	32738	32472	0.97	cps
Nickel	60-2	30454	30681	31172	30769	1.19	cps
Phosphorus	31-2	11428	11514	11808	11583	1.72	cps
Potassium	39-2	1104986	1098950	1102269	1102069	0.27	cps
Rhodium	103-1	11747061	11702760	11591911	11680578	0.68	cps
Rhodium	103-2	7181572	7137429	7308703	7209235	1.23	cps
Scandium	45-1	7033711	6939116	6910051	6960959	0.93	cps
Scandium	45-2	614449	606925	606593	609322	0.73	cps
Selenium	82-1	458	397	372	409	10.83	cps
Selenium	77-2	97	63	90	83	21.17	cps
Selenium	78-2	577	603	663	614	7.23	cps
Silicon	28-1	10209392	10411425	10723581	10448133	2.48	cps
Silver	107-1	8927	8905	9043	8958	0.83	cps
Silver	109-1	8166	8386	8376	8309	1.50	cps
Sodium	23-2	234566	233417	233503	233829	0.27	cps
Strontium	86-1	72919	74477	73840	73746	1.06	cps
Strontium	88-1	638725	643802	638426	640318	0.47	cps
Sulfur	34-1	165950	163322	162392	163888	1.13	cps
Terbium	159-1	15642668	15631007	15715654	15663109	0.29	cps
Terbium	159-2	11404117	11359315	11353776	11372402	0.24	cps
Thallium	203-1	6665	6875	7172	6904	3.69	cps
Thallium	205-1	16213	16854	17198	16755	2.98	cps
Tin	118-1	9737	11858	9874	10490	11.32	cps
Titanium	47-1	229014	230326	229467	229602	0.29	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:53:09	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26336	26112	26293	26247	0.45	cps
Vanadium	51-2	224477	222229	222844	223184	0.52	cps
Yttrium	89-1	15326521	15126120	15155138	15202593	0.71	cps
Yttrium	89-2	4199134	4208915	4178447	4195499	0.37	cps
Zinc	66-2	65232	63447	64267	64315	1.39	cps
Zirconium	90-1	55973	56481	55999	56151	0.51	cps
Zirconium	91-1	12746	12666	12549	12653	0.78	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3253299	3219717	3196894	3223303	0.88	cps
Antimony	121-1	8383	8769	8906	8686	3.13	cps
Arsenic	75-2	14100	13760	13636	13832	1.74	cps
Barium	135-1	269445	270845	270465	270251	0.27	cps
Barium	137-1	466892	471273	470165	469443	0.49	cps
Beryllium	9-1	1447	1423	1460	1443	1.29	cps
Bismuth	209-1	9667507	9497161	9512790	9559153	0.99	cps
Bismuth	209-2	8417871	8308525	8274414	8333603	0.90	cps
Bromine	81-1	14337	14741	14110	14396	2.22	cps
Bromine	81-2	277	280	340	299	11.93	cps
Cadmium	108-1	230	207	190	209	9.62	cps
Cadmium	106-1	4047	3741	3851	3879	4.01	cps
Cadmium	111-1	5361	5217	5194	5257	1.72	cps
Calcium	43-1	302362	301736	300176	301425	0.37	cps
Calcium	44-1	4613185	4710604	4740970	4688253	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81978	83697	81740	82471	1.29	cps
Cobalt	59-2	105776	104672	104393	104947	0.70	cps
Copper	63-2	201655	198950	197748	199451	1.00	cps
Dysprosium	156-1	29571	30450	30533	30185	1.77	cps
Dysprosium	156-2	27016	26953	27333	27101	0.75	cps
Erbium	164-1	26402	26682	26876	26653	0.89	cps
Erbium	164-2	19437	20385	19330	19717	2.94	cps
Gadolinium	160-1	28763	29511	29321	29198	1.33	cps
Gadolinium	160-2	23319	23520	23597	23479	0.61	cps
Holmium	165-1	15419298	15634596	15469949	15507947	0.73	cps
Holmium	165-2	11711468	11536451	11443881	11563933	1.18	cps
Indium	115-1	12848031	12775935	12695802	12773256	0.60	cps
Indium	115-2	4818155	4796706	4743304	4786055	0.81	cps
Iron	56-2	131777931	130670835	129417445	130622070	0.90	cps
Iron	57-2	3249597	3250287	3192462	3230782	1.03	cps
Iron	54-2	7108670	7138959	7031631	7093086	0.78	cps
Krypton	83-1	303	273	277	284	5.78	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	126666	126606	127901	127058	0.58	cps
Lead	207-1	107864	109050	109537	108817	0.79	cps
Lead	208-1	499278	497496	499981	498918	0.26	cps
Lithium	6-1	1584172	1553766	1625314	1587751	2.26	cps
Magnesium	24-2	2510533	2535414	2481748	2509232	1.07	cps
Manganese	55-2	2127484	2106884	2098767	2111045	0.70	cps
Molybdenum	94-1	44638	44812	45367	44939	0.85	cps
Molybdenum	95-1	41726	42227	42217	42057	0.68	cps
Molybdenum	96-1	50390	49283	50289	49987	1.22	cps
Molybdenum	97-1	26471	26200	25966	26212	0.96	cps
Molybdenum	98-1	67827	66986	67957	67590	0.78	cps
Neodymium	150-1	50253	50778	50450	50493	0.53	cps
Neodymium	150-2	32521	32441	32173	32378	0.56	cps
Nickel	60-2	29409	30200	29876	29829	1.33	cps
Phosphorus	31-2	11785	11244	11461	11497	2.37	cps
Potassium	39-2	1101050	1108857	1094583	1101497	0.65	cps
Rhodium	103-1	11758132	11754764	11860139	11791012	0.51	cps
Rhodium	103-2	7366707	7229154	7335213	7310358	0.99	cps
Scandium	45-1	6993785	7011232	6931170	6978729	0.60	cps
Scandium	45-2	617888	614850	604825	612521	1.12	cps
Selenium	82-1	400	396	354	383	6.64	cps
Selenium	77-2	120	73	77	90	28.93	cps
Selenium	78-2	603	623	580	602	3.60	cps
Silicon	28-1	9905943	10085511	9977375	9989610	0.91	cps
Silver	107-1	11477	11635	10981	11365	3.00	cps
Silver	109-1	10284	10554	10567	10468	1.53	cps
Sodium	23-2	277401	280141	277081	278208	0.60	cps
Strontium	86-1	72333	74169	74528	73676	1.60	cps
Strontium	88-1	637910	640389	646551	641617	0.69	cps
Sulfur	34-1	162425	163925	164548	163633	0.67	cps
Terbium	159-1	16051199	15819303	15878639	15916380	0.76	cps
Terbium	159-2	11170869	11375669	11294272	11280270	0.91	cps
Thallium	203-1	8599	8546	8553	8566	0.34	cps
Thallium	205-1	20449	20155	20322	20309	0.73	cps
Tin	118-1	9530	9340	9470	9447	1.03	cps
Titanium	47-1	224115	228320	228151	226862	1.05	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 18:56:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30779	31344	30873	30998	0.98	cps
Vanadium	51-2	220626	220257	220159	220347	0.11	cps
Yttrium	89-1	15379763	15228432	15314979	15307725	0.50	cps
Yttrium	89-2	4226929	4184789	4186044	4199254	0.57	cps
Zinc	66-2	64997	64847	65831	65225	0.81	cps
Zirconium	90-1	56625	56849	57217	56897	0.53	cps
Zirconium	91-1	12589	12666	12589	12614	0.35	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15343359	15153334	15259541	15252078	0.62	cps
Antimony	121-1	6738153	6767153	6665799	6723702	0.78	cps
Arsenic	75-2	339047	339824	337207	338693	0.40	cps
Barium	135-1	8581315	8599629	8512645	8564529	0.54	cps
Barium	137-1	14632896	14728926	14735136	14698986	0.39	cps
Beryllium	9-1	685293	694265	696783	692113	0.87	cps
Bismuth	209-1	8717231	8798876	8680227	8732112	0.70	cps
Bismuth	209-2	7589574	7517107	7586952	7564544	0.54	cps
Bromine	81-1	13203	12922	13219	13115	1.27	cps
Bromine	81-2	163	217	287	222	27.83	cps
Cadmium	108-1	121594	121644	121933	121724	0.15	cps
Cadmium	106-1	175067	173678	175000	174582	0.45	cps
Cadmium	111-1	1706368	1734678	1727573	1722873	0.85	cps
Calcium	43-1	8596288	8617969	8623291	8612516	0.17	cps
Calcium	44-1	138584095	138678898	138934095	138732362	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2603256	2612019	2629380	2614885	0.51	cps
Cobalt	59-2	4118114	4113802	4111301	4114406	0.08	cps
Copper	63-2	29029287	28999425	28968305	28999005	0.11	cps
Dysprosium	156-1	337	307	323	322	4.66	cps
Dysprosium	156-2	583	660	717	653	10.24	cps
Erbium	164-1	353	307	313	324	7.78	cps
Erbium	164-2	217	210	280	236	16.40	cps
Gadolinium	160-1	370	287	270	309	17.34	cps
Gadolinium	160-2	797	827	810	811	1.85	cps
Holmium	165-1	15195174	15030661	15003305	15076380	0.69	cps
Holmium	165-2	11134641	11394641	11299707	11276330	1.17	cps
Indium	115-1	11769205	11480675	11455634	11568505	1.51	cps
Indium	115-2	4324570	4290155	4310273	4308333	0.40	cps
Iron	56-2	620200831	622511577	618180817	620297742	0.35	cps
Iron	57-2	15471730	15490269	15341100	15434366	0.53	cps
Iron	54-2	33855527	33747000	33530880	33711136	0.49	cps
Krypton	83-1	230	273	277	260	10.01	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26223340	26404510	26271740	26299863	0.36	cps
Lead	207-1	22867265	23071479	23054709	22997818	0.49	cps
Lead	208-1	104072831	105663283	104175034	104637050	0.85	cps
Lithium	6-1	1558930	1524677	1518795	1534134	1.41	cps
Magnesium	24-2	118493032	119261838	116762835	118172568	1.08	cps
Manganese	55-2	21083187	21084410	20981518	21049705	0.28	cps
Molybdenum	94-1	23327322	23248003	23368084	23314470	0.26	cps
Molybdenum	95-1	34280059	34095459	33663403	34012973	0.93	cps
Molybdenum	96-1	37276936	37321512	37073069	37223839	0.36	cps
Molybdenum	97-1	21259497	21209146	20987223	21151955	0.68	cps
Molybdenum	98-1	54151591	54346796	53664143	54054176	0.65	cps
Neodymium	150-1	540	610	520	557	8.49	cps
Neodymium	150-2	213	237	147	199	23.48	cps
Nickel	60-2	991994	985954	989064	989004	0.31	cps
Phosphorus	31-2	136022	137702	138820	137515	1.02	cps
Potassium	39-2	75110784	75137091	74939971	75062615	0.14	cps
Rhodium	103-1	10588688	10362165	10264088	10404980	1.60	cps
Rhodium	103-2	6349009	6313165	6345641	6335938	0.31	cps
Scandium	45-1	6583371	6346898	6415889	6448719	1.89	cps
Scandium	45-2	556149	559908	555516	557191	0.43	cps
Selenium	82-1	100857	99836	100381	100358	0.51	cps
Selenium	77-2	10400	10424	10734	10519	1.77	cps
Selenium	78-2	35205	34881	35212	35099	0.54	cps
Silicon	28-1	3668846	3665527	3701363	3678579	0.54	cps
Silver	107-1	8490987	8419972	8413000	8441320	0.51	cps
Silver	109-1	7894582	7983822	7922339	7933581	0.58	cps
Sodium	23-2	190377257	189626477	189867397	189957044	0.20	cps
Strontium	86-1	2118028	2122407	2144817	2128417	0.68	cps
Strontium	88-1	18643147	18524263	18643298	18603570	0.37	cps
Sulfur	34-1	652432	642440	644126	646332	0.83	cps
Terbium	159-1	15623553	15331758	15423371	15459561	0.97	cps
Terbium	159-2	10926637	10974142	10782223	10894334	0.92	cps
Thallium	203-1	6616008	6616862	6629043	6620638	0.11	cps
Thallium	205-1	15701309	15765892	15550559	15672587	0.71	cps
Tin	118-1	5547771	5579215	5535683	5554223	0.40	cps
Titanium	47-1	8033128	7989888	8207721	8076912	1.43	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 18:59:29	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20595821	20823244	20919029	20779365	0.80	cps
Vanadium	51-2	2375250	2353067	2349096	2359138	0.60	cps
Yttrium	89-1	14224750	14018334	14080445	14107843	0.75	cps
Yttrium	89-2	3787607	3822884	3726702	3779064	1.29	cps
Zinc	66-2	4874271	4874908	4796406	4848529	0.93	cps
Zirconium	90-1	11526025	11560063	11595291	11560459	0.30	cps
Zirconium	91-1	2591722	2544232	2567824	2567926	0.92	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1503	1460	1180	1381	12.71	cps
Antimony	121-1	3904	3200	2984	3363	14.31	cps
Arsenic	75-2	33	33	57	41	32.78	cps
Barium	135-1	2077	1560	1187	1608	27.80	cps
Barium	137-1	3584	2660	2180	2808	25.40	cps
Beryllium	9-1	290	300	173	254	27.68	cps
Bismuth	209-1	9751671	9595435	9542177	9629761	1.13	cps
Bismuth	209-2	8423012	8407007	8261032	8363684	1.07	cps
Bromine	81-1	13490	13306	13613	13470	1.15	cps
Bromine	81-2	133	167	183	161	15.80	cps
Cadmium	108-1	57	23	20	33	60.84	cps
Cadmium	106-1	3570	3427	3410	3469	2.54	cps
Cadmium	111-1	2882	2777	2742	2800	2.60	cps
Calcium	43-1	2437	1817	1540	1931	23.78	cps
Calcium	44-1	43178	36073	31269	36840	16.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1390	1237	1170	1266	8.91	cps
Cobalt	59-2	523	493	397	471	14.05	cps
Copper	63-2	7839	7429	6888	7385	6.45	cps
Dysprosium	156-1	17	3	17	12	63.01	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	47	70	60	59	19.88	cps
Erbium	164-2	53	57	47	52	9.75	cps
Gadolinium	160-1	43	57	43	48	16.12	cps
Gadolinium	160-2	640	547	620	602	8.16	cps
Holmium	165-1	15617477	15017336	15293559	15309457	1.96	cps
Holmium	165-2	11503891	11505836	11394775	11468167	0.55	cps
Indium	115-1	12747919	12502128	12500790	12583612	1.13	cps
Indium	115-2	4736647	4707082	4742238	4728655	0.40	cps
Iron	56-2	84479	75555	67672	75902	11.08	cps
Iron	57-2	2567	2547	2207	2440	8.29	cps
Iron	54-2	6218	5538	5124	5627	9.82	cps
Krypton	83-1	193	217	313	241	26.39	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7275	5781	4861	5973	20.40	cps
Lead	207-1	6285	5218	4301	5268	18.85	cps
Lead	208-1	28562	23171	19673	23802	18.81	cps
Lithium	6-1	1671877	1614096	1619518	1635164	1.95	cps
Magnesium	24-2	12478	11101	9416	10999	13.94	cps
Manganese	55-2	2334	2094	1927	2118	9.65	cps
Molybdenum	94-1	6155	5161	4234	5183	18.53	cps
Molybdenum	95-1	8382	6828	5414	6875	21.59	cps
Molybdenum	96-1	9040	7592	5798	7476	21.72	cps
Molybdenum	97-1	5141	4281	3324	4248	21.40	cps
Molybdenum	98-1	13646	10587	8966	11067	21.48	cps
Neodymium	150-1	10	7	7	8	24.71	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	793	760	697	750	6.55	cps
Phosphorus	31-2	177	117	187	160	23.66	cps
Potassium	39-2	60858	59867	58559	59761	1.93	cps
Rhodium	103-1	11681356	11551066	11575577	11602666	0.60	cps
Rhodium	103-2	7279859	7175694	7163641	7206398	0.89	cps
Scandium	45-1	6719615	6632812	6601939	6651455	0.92	cps
Scandium	45-2	577493	579102	575741	577445	0.29	cps
Selenium	82-1	274	230	55	186	62.15	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	440	517	417	458	11.43	cps
Silicon	28-1	616114	615044	614483	615213	0.13	cps
Silver	107-1	2743	2236	1879	2286	18.99	cps
Silver	109-1	2577	2027	1570	2058	24.50	cps
Sodium	23-2	49021	46584	44036	46547	5.36	cps
Strontium	86-1	887	807	667	787	14.16	cps
Strontium	88-1	4747	3554	3057	3786	22.95	cps
Sulfur	34-1	184401	187033	186192	185875	0.72	cps
Terbium	159-1	15739764	15437172	15628491	15601809	0.98	cps
Terbium	159-2	11315489	11311077	11121467	11249344	0.98	cps
Thallium	203-1	1974	1553	1373	1633	18.85	cps
Thallium	205-1	4641	3707	3270	3873	18.08	cps
Tin	118-1	3951	3684	3310	3648	8.81	cps
Titanium	47-1	2040	1703	1367	1703	19.77	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:02:11	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4444	3637	2720	3601	23.95	cps
Vanadium	51-2	273	217	170	220	23.52	cps
Yttrium	89-1	14611466	14441387	14500906	14517920	0.59	cps
Yttrium	89-2	4028941	3957571	3952045	3979519	1.08	cps
Zinc	66-2	1053	1010	973	1012	3.96	cps
Zirconium	90-1	3771	3150	2940	3287	13.13	cps
Zirconium	91-1	910	623	547	693	27.62	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	652786	650842	646200	649943	0.52	cps
Antimony	121-1	8769	8726	8776	8757	0.31	cps
Arsenic	75-2	3110	3224	3224	3186	2.05	cps
Barium	135-1	62007	61351	61465	61608	0.57	cps
Barium	137-1	106770	107831	108124	107575	0.66	cps
Beryllium	9-1	1013	1010	1053	1026	2.35	cps
Bismuth	209-1	9769423	9459075	9573437	9600645	1.63	cps
Bismuth	209-2	8465052	8394853	8347964	8402623	0.70	cps
Bromine	81-1	14427	14527	14274	14409	0.89	cps
Bromine	81-2	157	250	183	197	24.44	cps
Cadmium	108-1	163	183	153	167	9.16	cps
Cadmium	106-1	4021	3757	3634	3804	5.19	cps
Cadmium	111-1	5025	4731	4699	4818	3.74	cps
Calcium	43-1	68497	69120	70158	69258	1.21	cps
Calcium	44-1	1132518	1128417	1141079	1134005	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19640	20133	20120	19964	1.41	cps
Cobalt	59-2	25081	25562	25398	25347	0.96	cps
Copper	63-2	72361	72170	71855	72128	0.35	cps
Dysprosium	156-1	5891	6101	6148	6047	2.26	cps
Dysprosium	156-2	5538	5328	5568	5478	2.39	cps
Erbium	164-1	5564	5321	5638	5508	3.01	cps
Erbium	164-2	3984	4124	4107	4072	1.88	cps
Gadolinium	160-1	5918	6078	5975	5990	1.35	cps
Gadolinium	160-2	5218	5351	5481	5350	2.46	cps
Holmium	165-1	15162900	15458949	15210959	15277603	1.04	cps
Holmium	165-2	11619947	11477622	11554103	11550557	0.62	cps
Indium	115-1	12330355	12662849	12734346	12575850	1.71	cps
Indium	115-2	4839539	4793471	4779780	4804263	0.65	cps
Iron	56-2	26856872	27086776	26864845	26936164	0.48	cps
Iron	57-2	677266	678894	673516	676558	0.41	cps
Iron	54-2	1487545	1465944	1474353	1475947	0.74	cps
Krypton	83-1	277	273	190	247	19.91	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50547	50229	50631	50469	0.42	cps
Lead	207-1	43496	43275	43446	43406	0.27	cps
Lead	208-1	199938	201052	197610	199533	0.88	cps
Lithium	6-1	1671663	1697612	1638503	1669259	1.77	cps
Magnesium	24-2	596879	602051	596289	598406	0.53	cps
Manganese	55-2	437103	433493	432653	434416	0.54	cps
Molybdenum	94-1	30549	31474	31163	31062	1.52	cps
Molybdenum	95-1	40021	38968	40302	39764	1.77	cps
Molybdenum	96-1	44327	44340	44544	44404	0.27	cps
Molybdenum	97-1	25021	25065	24744	24944	0.70	cps
Molybdenum	98-1	65111	64542	65342	64998	0.63	cps
Neodymium	150-1	10454	10744	10434	10544	1.65	cps
Neodymium	150-2	6245	6525	6565	6445	2.71	cps
Nickel	60-2	7405	7552	7269	7409	1.91	cps
Phosphorus	31-2	2547	2577	2540	2555	0.76	cps
Potassium	39-2	345686	346024	343921	345210	0.33	cps
Rhodium	103-1	11698550	11617264	11621878	11645897	0.39	cps
Rhodium	103-2	7349284	7266858	7199889	7272011	1.03	cps
Scandium	45-1	6789741	6723679	6844563	6785994	0.89	cps
Scandium	45-2	590353	595824	588067	591414	0.67	cps
Selenium	82-1	265	237	317	273	15.00	cps
Selenium	77-2	23	33	40	32	26.04	cps
Selenium	78-2	517	453	453	474	7.71	cps
Silicon	28-1	2750112	2745245	2780335	2758564	0.69	cps
Silver	107-1	10828	10835	10719	10794	0.60	cps
Silver	109-1	10000	10230	10090	10107	1.15	cps
Sodium	23-2	257959	259433	258223	258538	0.30	cps
Strontium	86-1	16950	17087	17027	17021	0.40	cps
Strontium	88-1	146713	147507	145437	146553	0.71	cps
Sulfur	34-1	195669	195172	194704	195182	0.25	cps
Terbium	159-1	15664431	15619985	15468455	15584290	0.66	cps
Terbium	159-2	11307960	11486811	11243630	11346134	1.11	cps
Thallium	203-1	7842	8119	8076	8012	1.86	cps
Thallium	205-1	19210	19334	19010	19185	0.85	cps
Tin	118-1	8749	11985	9403	10046	17.03	cps
Titanium	47-1	53066	52825	53952	53281	1.11	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 19:05:28	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24205	24680	24342	24409	1.00	cps
Vanadium	51-2	46324	45940	46267	46177	0.45	cps
Yttrium	89-1	15158659	14818974	14874516	14950716	1.22	cps
Yttrium	89-2	4028126	4084645	4058024	4056932	0.70	cps
Zinc	66-2	18769	18642	18955	18789	0.84	cps
Zirconium	90-1	21830	22567	22958	22452	2.55	cps
Zirconium	91-1	4661	5071	4961	4898	4.33	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3388254	3378490	3344281	3370342	0.69	cps
Antimony	121-1	247826	257972	255736	253844	2.10	cps
Arsenic	75-2	19573	19313	19229	19372	0.93	cps
Barium	135-1	1438396	1472900	1470170	1460489	1.31	cps
Barium	137-1	2559486	2649183	2683380	2630683	2.43	cps
Beryllium	9-1	14270	14760	14924	14651	2.32	cps
Bismuth	209-1	9657288	9466713	9414537	9512846	1.34	cps
Bismuth	209-2	8341783	8346091	8165130	8284335	1.25	cps
Bromine	81-1	14487	14210	14090	14263	1.43	cps
Bromine	81-2	327	257	317	300	12.62	cps
Cadmium	108-1	2330	2517	2420	2422	3.85	cps
Cadmium	106-1	6998	6898	6892	6929	0.86	cps
Cadmium	111-1	36795	37689	37695	37393	1.38	cps
Calcium	43-1	295140	303341	306971	301817	2.01	cps
Calcium	44-1	4665015	4691707	4736675	4697799	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	286199	283863	283702	284588	0.49	cps
Cobalt	59-2	892770	895178	883100	890350	0.72	cps
Copper	63-2	473457	472658	471743	472619	0.18	cps
Dysprosium	156-1	30366	31322	31135	30941	1.64	cps
Dysprosium	156-2	27287	27504	27206	27332	0.56	cps
Erbium	164-1	26044	26989	26742	26592	1.84	cps
Erbium	164-2	20642	20518	19934	20365	1.86	cps
Gadolinium	160-1	29391	29698	30239	29776	1.44	cps
Gadolinium	160-2	24415	23860	24017	24097	1.19	cps
Holmium	165-1	15740033	15393887	15364149	15499356	1.35	cps
Holmium	165-2	11608185	11540530	11516435	11555050	0.41	cps
Indium	115-1	12918024	12676561	12634797	12743127	1.20	cps
Indium	115-2	4681539	4764638	4663725	4703301	1.15	cps
Iron	56-2	133139888	132305901	132183768	132543186	0.39	cps
Iron	57-2	3271310	3278087	3276600	3275332	0.11	cps
Iron	54-2	7275024	7080176	7203082	7186094	1.37	cps
Krypton	83-1	223	270	233	242	10.14	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	161440	166077	164334	163950	1.43	cps
Lead	207-1	136630	141164	141265	139686	1.90	cps
Lead	208-1	630599	648993	648560	642717	1.63	cps
Lithium	6-1	1682334	1630510	1616121	1642988	2.12	cps
Magnesium	24-2	2526630	2510403	2495256	2510763	0.62	cps
Manganese	55-2	2508141	2522519	2523030	2517896	0.34	cps
Molybdenum	94-1	42578	44461	45327	44122	3.18	cps
Molybdenum	95-1	40419	41295	41569	41094	1.46	cps
Molybdenum	96-1	48818	50347	49477	49547	1.55	cps
Molybdenum	97-1	25876	26244	25572	25897	1.30	cps
Molybdenum	98-1	64435	67247	68835	66839	3.33	cps
Neodymium	150-1	50099	51958	52066	51374	2.15	cps
Neodymium	150-2	33129	32421	32417	32656	1.26	cps
Nickel	60-2	230866	228535	229364	229588	0.51	cps
Phosphorus	31-2	11381	11531	11131	11348	1.78	cps
Potassium	39-2	1107564	1103593	1101410	1104189	0.28	cps
Rhodium	103-1	12087346	11803118	11720621	11870362	1.62	cps
Rhodium	103-2	7225154	7288263	7172922	7228780	0.80	cps
Scandium	45-1	7087202	6922201	6925368	6978257	1.35	cps
Scandium	45-2	607154	602044	599053	602750	0.68	cps
Selenium	82-1	4058	4130	4260	4149	2.48	cps
Selenium	77-2	547	510	537	531	3.57	cps
Selenium	78-2	1907	1910	1930	1916	0.66	cps
Silicon	28-1	9937846	10209579	10265720	10137715	1.73	cps
Silver	107-1	157479	161502	163951	160978	2.03	cps
Silver	109-1	148683	155911	156601	153732	2.85	cps
Sodium	23-2	284209	280885	281832	282309	0.61	cps
Strontium	86-1	72832	74621	75003	74152	1.56	cps
Strontium	88-1	631224	642497	645120	639614	1.15	cps
Sulfur	34-1	194303	193586	192597	193495	0.44	cps
Terbium	159-1	15980053	15830025	15736027	15848702	0.78	cps
Terbium	159-2	11469160	11270012	11328859	11356010	0.90	cps
Thallium	203-1	120938	123672	124903	123171	1.65	cps
Thallium	205-1	284858	292440	295318	290872	1.86	cps
Tin	118-1	9326	9416	9807	9517	2.68	cps
Titanium	47-1	221418	229836	229667	226973	2.12	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:08:41	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30946	31828	32159	31644	1.98	cps
Vanadium	51-2	652212	654254	648439	651635	0.45	cps
Yttrium	89-1	15558824	15108824	15158708	15275452	1.61	cps
Yttrium	89-2	4186745	4160107	4101502	4149451	1.05	cps
Zinc	66-2	162396	162274	161559	162076	0.28	cps
Zirconium	90-1	54614	56023	56766	55801	1.96	cps
Zirconium	91-1	12482	12656	12702	12613	0.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3694958	3690315	3656801	3680691	0.57	cps
Antimony	121-1	1045135	1056195	1052580	1051303	0.54	cps
Arsenic	75-2	36932	36712	37133	36926	0.57	cps
Barium	135-1	5620270	5643098	5586294	5616554	0.51	cps
Barium	137-1	9602299	9607919	9559958	9590059	0.27	cps
Beryllium	9-1	56128	57034	56773	56645	0.82	cps
Bismuth	209-1	9499762	9315825	9470979	9428856	1.05	cps
Bismuth	209-2	8242343	8465552	8283884	8330593	1.42	cps
Bromine	81-1	13653	14060	14434	14049	2.78	cps
Bromine	81-2	333	237	317	296	17.48	cps
Cadmium	108-1	9320	9366	9333	9340	0.26	cps
Cadmium	106-1	16937	16333	16273	16514	2.22	cps
Cadmium	111-1	141331	143470	143543	142781	0.88	cps
Calcium	43-1	296882	300428	300113	299141	0.66	cps
Calcium	44-1	4635594	4626787	4607606	4623329	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	934495	933871	939392	935919	0.32	cps
Cobalt	59-2	3518655	3560108	3476708	3518490	1.19	cps
Copper	63-2	1344103	1354319	1340075	1346166	0.55	cps
Dysprosium	156-1	30102	30379	30126	30202	0.51	cps
Dysprosium	156-2	26699	27036	26709	26814	0.72	cps
Erbium	164-1	25423	26452	26525	26133	2.36	cps
Erbium	164-2	19500	19817	19430	19583	1.05	cps
Gadolinium	160-1	29949	29251	29641	29614	1.18	cps
Gadolinium	160-2	23540	24154	23790	23828	1.30	cps
Holmium	165-1	15364816	15393982	15560440	15439746	0.68	cps
Holmium	165-2	11446912	11653955	11627343	11576070	0.97	cps
Indium	115-1	12480686	12627731	12712733	12607050	0.93	cps
Indium	115-2	4738332	4826161	4766714	4777069	0.94	cps
Iron	56-2	134065758	133821181	132353445	133413461	0.69	cps
Iron	57-2	3304569	3319750	3265636	3296652	0.85	cps
Iron	54-2	7299030	7279892	7278051	7285658	0.16	cps
Krypton	83-1	263	277	270	270	2.47	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	286765	289049	287673	287829	0.40	cps
Lead	207-1	240462	245557	242216	242745	1.07	cps
Lead	208-1	1111234	1120200	1120783	1117405	0.48	cps
Lithium	6-1	1605739	1618350	1620814	1614968	0.50	cps
Magnesium	24-2	2443959	2469399	2463569	2458975	0.54	cps
Manganese	55-2	3812991	3776326	3782857	3790725	0.52	cps
Molybdenum	94-1	43601	44868	44136	44202	1.44	cps
Molybdenum	95-1	41218	41499	41599	41438	0.48	cps
Molybdenum	96-1	48891	49995	49423	49437	1.12	cps
Molybdenum	97-1	26300	26160	26093	26185	0.40	cps
Molybdenum	98-1	65750	66775	67177	66567	1.10	cps
Neodymium	150-1	50189	51694	50259	50714	1.68	cps
Neodymium	150-2	32491	31565	32126	32061	1.45	cps
Nickel	60-2	882077	877597	880912	880195	0.26	cps
Phosphorus	31-2	11311	11578	11304	11398	1.37	cps
Potassium	39-2	1097670	1095931	1090668	1094756	0.33	cps
Rhodium	103-1	11662600	11558734	11672127	11631154	0.54	cps
Rhodium	103-2	7114673	7257647	7279578	7217299	1.24	cps
Scandium	45-1	6942984	6895827	6843050	6893954	0.73	cps
Scandium	45-2	610785	611027	612803	611538	0.18	cps
Selenium	82-1	17123	17444	17570	17379	1.33	cps
Selenium	77-2	1960	1943	2084	1996	3.83	cps
Selenium	78-2	6945	6805	6515	6755	3.25	cps
Silicon	28-1	9977415	10015905	9989961	9994427	0.20	cps
Silver	107-1	624825	638490	633989	632435	1.10	cps
Silver	109-1	597030	609295	603458	603261	1.02	cps
Sodium	23-2	282144	279810	277842	279932	0.77	cps
Strontium	86-1	72913	74152	73124	73396	0.90	cps
Strontium	88-1	634730	635113	635571	635138	0.07	cps
Sulfur	34-1	181831	181629	178711	180724	0.97	cps
Terbium	159-1	15674983	15888384	15679490	15747619	0.77	cps
Terbium	159-2	11341308	11391367	11353888	11362188	0.23	cps
Thallium	203-1	492201	501004	502174	498460	1.09	cps
Thallium	205-1	1166597	1178445	1183600	1176214	0.74	cps
Tin	118-1	9877	10020	9890	9929	0.80	cps
Titanium	47-1	221182	225552	222863	223199	0.99	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 19:11:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30976	30999	31317	31097	0.61	cps
Vanadium	51-2	2110562	2094870	2088936	2098122	0.53	cps
Yttrium	89-1	15152529	15178596	15188361	15173162	0.12	cps
Yttrium	89-2	4115847	4211361	4150082	4159097	1.16	cps
Zinc	66-2	479586	477493	473507	476862	0.65	cps
Zirconium	90-1	56080	56424	55571	56025	0.77	cps
Zirconium	91-1	12148	15295	12716	13387	12.53	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12311870	12369978	12237829	12306559	0.54	cps
Antimony	121-1	3017	3044	2980	3014	1.06	cps
Arsenic	75-2	58163	57835	58210	58070	0.35	cps
Barium	135-1	1106745	1106545	1096484	1103258	0.53	cps
Barium	137-1	1979633	2001220	1974985	1985279	0.71	cps
Beryllium	9-1	2300	2250	2310	2287	1.41	cps
Bismuth	209-1	9770422	9717580	9731525	9739842	0.28	cps
Bismuth	209-2	8426591	8481327	8349587	8419168	0.79	cps
Bromine	81-1	14587	14901	14681	14723	1.09	cps
Bromine	81-2	520	563	547	543	4.02	cps
Cadmium	108-1	407	407	443	419	5.05	cps
Cadmium	106-1	4744	4661	4507	4637	2.59	cps
Cadmium	111-1	5799	5670	5627	5699	1.57	cps
Calcium	43-1	746683	747461	742322	745489	0.37	cps
Calcium	44-1	11538398	11706141	11710585	11651708	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	274255	273522	272750	273509	0.28	cps
Cobalt	59-2	360056	364141	361590	361929	0.57	cps
Copper	63-2	701784	703199	700082	701688	0.22	cps
Dysprosium	156-1	134927	135718	135705	135450	0.33	cps
Dysprosium	156-2	120064	118901	120068	119678	0.56	cps
Erbium	164-1	115263	116662	116571	116165	0.67	cps
Erbium	164-2	87277	87012	86314	86868	0.57	cps
Gadolinium	160-1	130747	132617	132018	131794	0.72	cps
Gadolinium	160-2	102515	101182	101847	101848	0.65	cps
Holmium	165-1	16185764	16166434	16101906	16151368	0.27	cps
Holmium	165-2	11999339	12035920	11843460	11959573	0.85	cps
Indium	115-1	13129456	13108035	12795247	13010913	1.44	cps
Indium	115-2	4930319	4909599	4878632	4906183	0.53	cps
Iron	56-2	530731032	521730366	517037232	523166210	1.33	cps
Iron	57-2	13186335	12979694	12894789	13020273	1.15	cps
Iron	54-2	28551361	28719846	28364806	28545338	0.62	cps
Krypton	83-1	447	383	370	400	10.24	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	476549	478186	476881	477205	0.18	cps
Lead	207-1	416709	416121	412824	415218	0.50	cps
Lead	208-1	1882790	1887315	1878273	1882793	0.24	cps
Lithium	6-1	1640956	1669263	1655784	1655334	0.86	cps
Magnesium	24-2	8853446	8907385	8910600	8890477	0.36	cps
Manganese	55-2	8100012	8128072	7915479	8047854	1.44	cps
Molybdenum	94-1	104613	105345	105073	105011	0.35	cps
Molybdenum	95-1	6945	6935	6922	6934	0.17	cps
Molybdenum	96-1	29630	29233	28862	29241	1.31	cps
Molybdenum	97-1	4401	4194	4271	4288	2.44	cps
Molybdenum	98-1	10984	10677	11418	11026	3.37	cps
Neodymium	150-1	225437	229573	227653	227554	0.91	cps
Neodymium	150-2	144717	145168	143049	144311	0.77	cps
Nickel	60-2	108207	108824	107944	108325	0.42	cps
Phosphorus	31-2	45832	46012	45287	45710	0.83	cps
Potassium	39-2	5224027	5254288	5210044	5229453	0.43	cps
Rhodium	103-1	12070451	12054397	11989744	12038198	0.35	cps
Rhodium	103-2	7269104	7365444	7407008	7347185	0.96	cps
Scandium	45-1	7517123	7421128	7431806	7456686	0.71	cps
Scandium	45-2	650553	651119	645985	649219	0.43	cps
Selenium	82-1	443	450	512	468	8.16	cps
Selenium	77-2	360	420	363	381	8.85	cps
Selenium	78-2	800	863	770	811	5.87	cps
Silicon	28-1	19888118	19782847	19784008	19818324	0.30	cps
Silver	107-1	4192	4336	4197	4242	1.94	cps
Silver	109-1	3701	3771	3504	3658	3.78	cps
Sodium	23-2	183620	183269	183469	183453	0.10	cps
Strontium	86-1	289985	288354	290780	289706	0.43	cps
Strontium	88-1	2611364	2625120	2620087	2618857	0.27	cps
Sulfur	34-1	184833	183561	181699	183365	0.86	cps
Terbium	159-1	16348401	16560563	16280654	16396539	0.89	cps
Terbium	159-2	11839781	11839293	11796199	11825091	0.21	cps
Thallium	203-1	4201	3884	3904	3996	4.44	cps
Thallium	205-1	9330	9694	9473	9499	1.93	cps
Tin	118-1	6778	6985	6755	6839	1.85	cps
Titanium	47-1	989902	1003764	994202	995956	0.71	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-01	Instrumnet Name :	P7
Client Sample ID :	MYCYZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:14:55	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41424	41147	41167	41246	0.38	cps
Vanadium	51-2	824345	825389	816375	822036	0.60	cps
Yttrium	89-1	17129783	17102852	17101369	17111334	0.09	cps
Yttrium	89-2	4646494	4637821	4669333	4651216	0.35	cps
Zinc	66-2	274283	274170	271160	273204	0.65	cps
Zirconium	90-1	275805	277475	277206	276829	0.32	cps
Zirconium	91-1	60805	61043	61247	61032	0.36	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13165610	13021899	13068173	13085227	0.56	cps
Antimony	121-1	2044	2094	1973	2037	2.96	cps
Arsenic	75-2	51372	51449	51225	51348	0.22	cps
Barium	135-1	1235936	1224466	1218717	1226373	0.71	cps
Barium	137-1	2203035	2193726	2180159	2192307	0.52	cps
Beryllium	9-1	2414	2280	2457	2384	3.86	cps
Bismuth	209-1	9896189	9731254	9650753	9759399	1.28	cps
Bismuth	209-2	8367132	8375207	8340929	8361089	0.21	cps
Bromine	81-1	14878	14667	14694	14746	0.78	cps
Bromine	81-2	563	510	573	549	6.20	cps
Cadmium	108-1	377	303	333	338	10.92	cps
Cadmium	106-1	4874	4561	4901	4779	3.96	cps
Cadmium	111-1	5416	5214	5359	5329	1.95	cps
Calcium	43-1	778505	774578	764503	772529	0.93	cps
Calcium	44-1	12118594	11880853	11883285	11960911	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297863	297058	294094	296338	0.67	cps
Cobalt	59-2	392950	391704	391183	391946	0.23	cps
Copper	63-2	646650	646130	646354	646378	0.04	cps
Dysprosium	156-1	140747	140727	139420	140298	0.54	cps
Dysprosium	156-2	121651	124032	123608	123097	1.03	cps
Erbium	164-1	121597	120222	120003	120607	0.72	cps
Erbium	164-2	89464	88206	89122	88931	0.73	cps
Gadolinium	160-1	136473	136050	133997	135507	0.98	cps
Gadolinium	160-2	104624	104398	104949	104657	0.26	cps
Holmium	165-1	16207400	16139956	16102688	16150015	0.33	cps
Holmium	165-2	11809357	11829106	11780534	11806332	0.21	cps
Indium	115-1	13202166	13084407	12901634	13062736	1.16	cps
Indium	115-2	4845344	4831344	4847155	4841281	0.18	cps
Iron	56-2	545340459	541944325	540234525	542506436	0.48	cps
Iron	57-2	13446200	13481530	13427217	13451649	0.20	cps
Iron	54-2	29103592	29373595	29282575	29253254	0.47	cps
Krypton	83-1	413	380	403	399	4.29	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	465368	459302	460884	461851	0.68	cps
Lead	207-1	395457	393401	390415	393091	0.64	cps
Lead	208-1	1804383	1794784	1792817	1797328	0.34	cps
Lithium	6-1	1658538	1654327	1673484	1662116	0.61	cps
Magnesium	24-2	9493972	9436494	9496185	9475550	0.36	cps
Manganese	55-2	8843713	8769438	8744737	8785963	0.59	cps
Molybdenum	94-1	98824	98961	98149	98645	0.44	cps
Molybdenum	95-1	6028	5798	5888	5905	1.96	cps
Molybdenum	96-1	28294	28097	27322	27904	1.84	cps
Molybdenum	97-1	3811	3544	3600	3652	3.85	cps
Molybdenum	98-1	9363	9170	8939	9157	2.32	cps
Neodymium	150-1	232495	232151	231704	232116	0.17	cps
Neodymium	150-2	145966	144242	146845	145684	0.91	cps
Nickel	60-2	113219	113334	112054	112869	0.63	cps
Phosphorus	31-2	48303	49403	48189	48631	1.38	cps
Potassium	39-2	5601849	5519544	5535403	5552265	0.79	cps
Rhodium	103-1	12193476	11899299	11847682	11980153	1.56	cps
Rhodium	103-2	7289895	7206082	7308177	7268051	0.75	cps
Scandium	45-1	7613106	7409440	7342201	7454915	1.89	cps
Scandium	45-2	650666	641446	641910	644674	0.81	cps
Selenium	82-1	509	525	471	502	5.57	cps
Selenium	77-2	403	390	390	394	1.95	cps
Selenium	78-2	820	743	863	809	7.51	cps
Silicon	28-1	18708275	18420784	18401480	18510180	0.93	cps
Silver	107-1	3103	3234	3059	3132	2.90	cps
Silver	109-1	2410	2280	2360	2350	2.79	cps
Sodium	23-2	164117	164073	163282	163824	0.29	cps
Strontium	86-1	311097	310101	305773	308990	0.92	cps
Strontium	88-1	2767456	2748500	2728336	2748097	0.71	cps
Sulfur	34-1	177902	176894	176921	177239	0.32	cps
Terbium	159-1	16783634	16170827	16253934	16402798	2.03	cps
Terbium	159-2	11661906	11814545	11636276	11704242	0.82	cps
Thallium	203-1	3891	4057	3824	3924	3.06	cps
Thallium	205-1	9924	9610	9620	9718	1.83	cps
Tin	118-1	6598	6685	6415	6566	2.10	cps
Titanium	47-1	971848	962089	948658	960865	1.21	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-02	Instrumnet Name :	P7
Client Sample ID :	MYCZ00	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:18:04	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50281	50017	49070	49789	1.28	cps
Vanadium	51-2	811129	801854	804205	805729	0.60	cps
Yttrium	89-1	17437956	17062015	16948521	17149497	1.49	cps
Yttrium	89-2	4679016	4574423	4596577	4616672	1.19	cps
Zinc	66-2	272022	270070	268886	270326	0.59	cps
Zirconium	90-1	260031	261119	256222	259124	0.99	cps
Zirconium	91-1	57579	57013	56518	57037	0.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12108226	11957748	11863252	11976409	1.03	cps
Antimony	121-1	10724	11004	11278	11002	2.52	cps
Arsenic	75-2	240958	238807	239119	239628	0.49	cps
Barium	135-1	1068889	1078009	1064808	1070569	0.63	cps
Barium	137-1	1953613	1921465	1883350	1919476	1.83	cps
Beryllium	9-1	2160	2390	2114	2221	6.67	cps
Bismuth	209-1	9877229	9712669	9768154	9786017	0.86	cps
Bismuth	209-2	8401700	8497394	8334936	8411343	0.97	cps
Bromine	81-1	15108	14327	14587	14674	2.71	cps
Bromine	81-2	530	483	557	523	7.09	cps
Cadmium	108-1	1337	1410	1260	1336	5.62	cps
Cadmium	106-1	5988	6111	6111	6070	1.17	cps
Cadmium	111-1	17461	17429	17102	17331	1.15	cps
Calcium	43-1	611379	608261	605389	608343	0.49	cps
Calcium	44-1	9413536	9390302	9386061	9396633	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	277085	272386	272581	274018	0.97	cps
Cobalt	59-2	396036	392485	388684	392402	0.94	cps
Copper	63-2	1136874	1132928	1121838	1130547	0.69	cps
Dysprosium	156-1	133204	133824	131687	132905	0.83	cps
Dysprosium	156-2	116084	116145	116744	116324	0.31	cps
Erbium	164-1	114333	115102	112965	114133	0.95	cps
Erbium	164-2	83645	85093	84225	84321	0.86	cps
Gadolinium	160-1	129660	129341	128825	129275	0.33	cps
Gadolinium	160-2	99865	99440	99527	99611	0.23	cps
Holmium	165-1	16130310	16229361	15830887	16063519	1.29	cps
Holmium	165-2	11946153	11921790	11832861	11900268	0.50	cps
Indium	115-1	13207954	12870733	12930972	13003220	1.38	cps
Indium	115-2	4869571	4826405	4823952	4839976	0.53	cps
Iron	56-2	572816245	573527898	573256831	573200325	0.06	cps
Iron	57-2	14346567	14140922	14103845	14197111	0.92	cps
Iron	54-2	31532303	31096438	31218976	31282572	0.72	cps
Krypton	83-1	357	383	427	389	9.08	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3082109	3011233	2963606	3018983	1.98	cps
Lead	207-1	2905367	2859951	2810797	2858705	1.65	cps
Lead	208-1	12623702	12426966	12362793	12471154	1.09	cps
Lithium	6-1	1698865	1671898	1682923	1684562	0.80	cps
Magnesium	24-2	9406980	9268834	9214466	9296760	1.07	cps
Manganese	55-2	8082383	8003977	8037206	8041189	0.49	cps
Molybdenum	94-1	118773	118638	117107	118173	0.78	cps
Molybdenum	95-1	9667	9487	9480	9544	1.11	cps
Molybdenum	96-1	35162	35513	34400	35025	1.62	cps
Molybdenum	97-1	6145	6005	5958	6036	1.61	cps
Molybdenum	98-1	14831	14878	14934	14881	0.35	cps
Neodymium	150-1	219407	218977	218026	218804	0.32	cps
Neodymium	150-2	138549	137277	136887	137571	0.63	cps
Nickel	60-2	106763	106971	106458	106730	0.24	cps
Phosphorus	31-2	61925	60268	61168	61120	1.36	cps
Potassium	39-2	5832189	5787959	5770804	5796984	0.55	cps
Rhodium	103-1	12071346	11951882	11872631	11965286	0.84	cps
Rhodium	103-2	7277701	7242401	7201170	7240424	0.53	cps
Scandium	45-1	7412117	7400050	7438267	7416811	0.26	cps
Scandium	45-2	635515	642202	631756	636491	0.83	cps
Selenium	82-1	911	829	890	876	4.88	cps
Selenium	77-2	450	417	403	423	5.68	cps
Selenium	78-2	867	963	893	908	5.50	cps
Silicon	28-1	17940739	18008292	17822591	17923874	0.52	cps
Silver	107-1	22865	23281	22807	22984	1.13	cps
Silver	109-1	21606	21713	21810	21710	0.47	cps
Sodium	23-2	151688	149419	149275	150128	0.90	cps
Strontium	86-1	257812	256022	255876	256570	0.42	cps
Strontium	88-1	2307133	2270580	2256019	2277911	1.16	cps
Sulfur	34-1	240399	239119	237635	239051	0.58	cps
Terbium	159-1	16750811	16536829	16462678	16583439	0.90	cps
Terbium	159-2	11788050	11604486	11534692	11642409	1.12	cps
Thallium	203-1	5418	5448	5484	5450	0.61	cps
Thallium	205-1	13100	12729	12756	12862	1.61	cps
Tin	118-1	11802	11842	11521	11722	1.49	cps
Titanium	47-1	844754	839356	832592	838901	0.73	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-03	Instrumnet Name :	P7
Client Sample ID :	MYCZ01	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:21:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40906	40802	39883	40531	1.39	cps
Vanadium	51-2	784731	782182	777543	781486	0.47	cps
Yttrium	89-1	17193051	17039616	16765531	16999399	1.27	cps
Yttrium	89-2	4623198	4558985	4526805	4569662	1.07	cps
Zinc	66-2	1180441	1173144	1174172	1175919	0.34	cps
Zirconium	90-1	309528	309976	309506	309670	0.09	cps
Zirconium	91-1	69011	69011	68291	68771	0.60	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12723829	12702339	12655098	12693755	0.28	cps
Antimony	121-1	4948	5184	4818	4983	3.73	cps
Arsenic	75-2	100672	101544	101856	101357	0.61	cps
Barium	135-1	1264956	1265803	1261955	1264238	0.16	cps
Barium	137-1	2266860	2314121	2279909	2286963	1.07	cps
Beryllium	9-1	2437	2354	2377	2389	1.80	cps
Bismuth	209-1	9686092	9640326	9585133	9637184	0.52	cps
Bismuth	209-2	8452149	8239117	8267962	8319743	1.39	cps
Bromine	81-1	14517	15428	15478	15141	3.57	cps
Bromine	81-2	683	643	607	644	5.95	cps
Cadmium	108-1	560	620	647	609	7.29	cps
Cadmium	106-1	5254	5068	4881	5068	3.68	cps
Cadmium	111-1	8146	8085	7550	7927	4.13	cps
Calcium	43-1	653746	657619	653251	654872	0.37	cps
Calcium	44-1	10163054	10176211	10095096	10144787	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	301255	298831	299198	299761	0.44	cps
Cobalt	59-2	365827	365506	360770	364034	0.78	cps
Copper	63-2	875931	870874	871831	872878	0.31	cps
Dysprosium	156-1	139593	139551	138656	139267	0.38	cps
Dysprosium	156-2	120773	120448	119899	120373	0.37	cps
Erbium	164-1	119435	119751	118080	119089	0.75	cps
Erbium	164-2	88478	87706	89045	88410	0.76	cps
Gadolinium	160-1	135360	136702	134394	135485	0.86	cps
Gadolinium	160-2	104801	104405	103106	104104	0.85	cps
Holmium	165-1	16031716	15933160	15621823	15862233	1.35	cps
Holmium	165-2	11984508	11774014	11709714	11822745	1.22	cps
Indium	115-1	12962641	12995258	12788716	12915538	0.86	cps
Indium	115-2	4834294	4892717	4749389	4825467	1.49	cps
Iron	56-2	548666832	543686552	542988472	545113952	0.57	cps
Iron	57-2	13458698	13265551	13339031	13354426	0.73	cps
Iron	54-2	29529210	29499910	29435285	29488135	0.16	cps
Krypton	83-1	463	380	420	421	9.90	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	826924	828925	824682	826844	0.26	cps
Lead	207-1	738669	740274	738322	739089	0.14	cps
Lead	208-1	3288145	3409311	3298585	3332014	2.02	cps
Lithium	6-1	1675509	1686309	1662641	1674820	0.71	cps
Magnesium	24-2	9251566	9164900	9282459	9232975	0.66	cps
Manganese	55-2	8938169	8828328	8770429	8845642	0.96	cps
Molybdenum	94-1	124900	124668	125065	124878	0.16	cps
Molybdenum	95-1	7579	7259	7435	7424	2.16	cps
Molybdenum	96-1	33208	33311	33385	33301	0.27	cps
Molybdenum	97-1	4631	4624	4587	4614	0.51	cps
Molybdenum	98-1	11124	11274	11281	11227	0.79	cps
Neodymium	150-1	229577	227807	229850	229078	0.48	cps
Neodymium	150-2	142683	142721	142225	142543	0.19	cps
Nickel	60-2	113116	110788	111178	111694	1.12	cps
Phosphorus	31-2	52687	52065	51346	52032	1.29	cps
Potassium	39-2	6165335	6166334	6101319	6144329	0.61	cps
Rhodium	103-1	11868614	11741587	11678776	11762992	0.82	cps
Rhodium	103-2	7215574	7221118	7214890	7217194	0.05	cps
Scandium	45-1	7370719	7319092	7321964	7337258	0.40	cps
Scandium	45-2	635141	637125	628683	633650	0.70	cps
Selenium	82-1	559	562	583	568	2.37	cps
Selenium	77-2	477	440	487	468	5.25	cps
Selenium	78-2	780	767	783	777	1.14	cps
Silicon	28-1	22817570	23019938	22706460	22847990	0.70	cps
Silver	107-1	7921	7965	7982	7956	0.40	cps
Silver	109-1	7102	7442	7038	7194	3.02	cps
Sodium	23-2	141244	142771	141721	141912	0.55	cps
Strontium	86-1	265493	265633	263511	264879	0.45	cps
Strontium	88-1	2367221	2344206	2370173	2360533	0.60	cps
Sulfur	34-1	214155	216258	215893	215436	0.52	cps
Terbium	159-1	16426382	16080529	16199931	16235614	1.08	cps
Terbium	159-2	11681434	11518600	11660573	11620202	0.76	cps
Thallium	203-1	4684	4714	4404	4601	3.72	cps
Thallium	205-1	11241	11025	11088	11118	1.00	cps
Tin	118-1	10324	10220	10030	10191	1.46	cps
Titanium	47-1	980207	990647	978698	983184	0.66	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-04	Instrumnet Name :	P7
Client Sample ID :	MYCZ02	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:24:16	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41484	41999	41204	41563	0.97	cps
Vanadium	51-2	849218	846316	841017	845517	0.49	cps
Yttrium	89-1	16793065	16924051	16953949	16890355	0.51	cps
Yttrium	89-2	4648450	4443224	4537499	4543058	2.26	cps
Zinc	66-2	445112	445637	443023	444591	0.31	cps
Zirconium	90-1	330905	332467	328254	330542	0.64	cps
Zirconium	91-1	74049	73784	73235	73689	0.56	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14854569	14791504	14762715	14802929	0.32	cps
Antimony	121-1	2747	2680	2787	2738	1.97	cps
Arsenic	75-2	88300	86772	88592	87888	1.11	cps
Barium	135-1	1300543	1298422	1300872	1299946	0.10	cps
Barium	137-1	2352195	2370597	2309997	2344263	1.33	cps
Beryllium	9-1	2600	2490	2547	2546	2.16	cps
Bismuth	209-1	9661763	9628776	9432623	9574387	1.29	cps
Bismuth	209-2	8374811	8409796	8296995	8360534	0.69	cps
Bromine	81-1	14974	14911	15238	15041	1.15	cps
Bromine	81-2	523	590	590	568	6.78	cps
Cadmium	108-1	653	680	773	702	8.97	cps
Cadmium	106-1	5708	5288	5301	5432	4.40	cps
Cadmium	111-1	8079	7926	7648	7884	2.77	cps
Calcium	43-1	749627	738630	735583	741280	1.00	cps
Calcium	44-1	11555594	11450394	11313247	11439745	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	365226	365493	365636	365452	0.06	cps
Cobalt	59-2	428496	426183	425714	426798	0.35	cps
Copper	63-2	823620	821358	825237	823405	0.24	cps
Dysprosium	156-1	154624	155136	153414	154391	0.57	cps
Dysprosium	156-2	133790	134786	135005	134527	0.48	cps
Erbium	164-1	133406	132074	132702	132727	0.50	cps
Erbium	164-2	98373	97262	96980	97538	0.76	cps
Gadolinium	160-1	148736	150175	148972	149294	0.52	cps
Gadolinium	160-2	114603	115168	114409	114727	0.34	cps
Holmium	165-1	16210813	15949592	15638656	15933020	1.80	cps
Holmium	165-2	11830516	11813875	11720790	11788394	0.50	cps
Indium	115-1	12873661	13060319	12843241	12925740	0.91	cps
Indium	115-2	4743253	4879725	4681184	4768054	2.13	cps
Iron	56-2	625077484	620765657	623965804	623269648	0.36	cps
Iron	57-2	15472405	15443730	15428457	15448197	0.14	cps
Iron	54-2	33895706	33483799	33887489	33755664	0.70	cps
Krypton	83-1	373	370	360	368	1.89	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	827806	818054	819409	821756	0.64	cps
Lead	207-1	747044	736452	743698	742398	0.73	cps
Lead	208-1	3436081	3390774	3408626	3411827	0.67	cps
Lithium	6-1	1682494	1701833	1683319	1689216	0.65	cps
Magnesium	24-2	10918844	10960160	10870787	10916597	0.41	cps
Manganese	55-2	9331439	9321859	9325310	9326203	0.05	cps
Molybdenum	94-1	146100	145942	145046	145696	0.39	cps
Molybdenum	95-1	8679	8012	7839	8177	5.43	cps
Molybdenum	96-1	38728	37962	37933	38208	1.18	cps
Molybdenum	97-1	5281	5201	5154	5212	1.23	cps
Molybdenum	98-1	12906	13106	13133	13048	0.95	cps
Neodymium	150-1	257226	255291	253284	255267	0.77	cps
Neodymium	150-2	160491	161977	158226	160232	1.18	cps
Nickel	60-2	129191	131207	129049	129816	0.93	cps
Phosphorus	31-2	58689	58297	58361	58449	0.36	cps
Potassium	39-2	6822261	6722909	6754803	6766658	0.75	cps
Rhodium	103-1	12008517	11758799	11649266	11805527	1.56	cps
Rhodium	103-2	7121129	7139902	7093338	7118123	0.33	cps
Scandium	45-1	7461726	7375246	7291162	7376045	1.16	cps
Scandium	45-2	633469	642782	637937	638063	0.73	cps
Selenium	82-1	610	582	540	577	6.08	cps
Selenium	77-2	393	440	440	424	6.35	cps
Selenium	78-2	740	850	780	790	7.05	cps
Silicon	28-1	15896824	15655034	15720214	15757357	0.79	cps
Silver	107-1	7193	7262	6959	7138	2.23	cps
Silver	109-1	6018	6328	6161	6169	2.52	cps
Sodium	23-2	184427	186855	186116	185799	0.67	cps
Strontium	86-1	313767	312961	313032	313253	0.14	cps
Strontium	88-1	2863274	2803086	2812530	2826297	1.15	cps
Sulfur	34-1	207777	208543	208789	208369	0.25	cps
Terbium	159-1	16454961	16338769	16204945	16332892	0.77	cps
Terbium	159-2	11544512	11600280	11615339	11586711	0.32	cps
Thallium	203-1	5014	4931	4848	4931	1.69	cps
Thallium	205-1	11422	11392	11812	11542	2.03	cps
Tin	118-1	11561	11308	11455	11441	1.11	cps
Titanium	47-1	1160466	1161752	1148531	1156916	0.63	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-05	Instrumnet Name :	P7
Client Sample ID :	MYCZ03	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:27:22	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45173	45006	43815	44665	1.66	cps
Vanadium	51-2	973814	970548	965330	969897	0.44	cps
Yttrium	89-1	17328585	17059227	16978630	17122148	1.07	cps
Yttrium	89-2	4564397	4609619	4559979	4577998	0.60	cps
Zinc	66-2	469974	469282	469026	469427	0.10	cps
Zirconium	90-1	379969	384030	379070	381023	0.69	cps
Zirconium	91-1	86798	84236	84048	85027	1.81	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8716310	8763333	8675769	8718470	0.50	cps
Antimony	121-1	1483	1170	1180	1278	13.94	cps
Arsenic	75-2	38750	38142	37818	38237	1.24	cps
Barium	135-1	922058	927813	913581	921150	0.78	cps
Barium	137-1	1676017	1658084	1652312	1662138	0.74	cps
Beryllium	9-1	2043	2097	1947	2029	3.75	cps
Bismuth	209-1	9673480	9572708	9617995	9621394	0.52	cps
Bismuth	209-2	8332272	8353687	8366632	8350863	0.21	cps
Bromine	81-1	14053	14454	14994	14501	3.26	cps
Bromine	81-2	433	430	420	428	1.62	cps
Cadmium	108-1	390	410	380	393	3.88	cps
Cadmium	106-1	5001	4778	4727	4835	3.01	cps
Cadmium	111-1	4955	4888	4731	4858	2.37	cps
Calcium	43-1	1598420	1595001	1586583	1593334	0.38	cps
Calcium	44-1	25905303	25420489	25262107	25529300	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252118	248841	247277	249412	0.99	cps
Cobalt	59-2	275309	274173	273085	274189	0.41	cps
Copper	63-2	426513	420924	417633	421690	1.06	cps
Dysprosium	156-1	109667	109838	109751	109752	0.08	cps
Dysprosium	156-2	95948	96260	96388	96199	0.24	cps
Erbium	164-1	91131	91883	91205	91406	0.45	cps
Erbium	164-2	67244	65623	67150	66672	1.36	cps
Gadolinium	160-1	103038	102125	102005	102389	0.55	cps
Gadolinium	160-2	80546	79001	77074	78874	2.21	cps
Holmium	165-1	16031296	16108349	15863371	16001005	0.78	cps
Holmium	165-2	11843327	11802208	11840010	11828515	0.19	cps
Indium	115-1	13235246	13170886	12953999	13120044	1.12	cps
Indium	115-2	4884995	4882766	4773672	4847145	1.31	cps
Iron	56-2	395644954	392978394	389788861	392804070	0.75	cps
Iron	57-2	9722952	9758925	9683973	9721950	0.39	cps
Iron	54-2	21288189	21257642	21166653	21237495	0.30	cps
Krypton	83-1	370	267	387	341	19.06	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	353379	349748	353308	352145	0.59	cps
Lead	207-1	300995	299653	299266	299972	0.30	cps
Lead	208-1	1379613	1373321	1375119	1376017	0.24	cps
Lithium	6-1	1723186	1657531	1666509	1682409	2.12	cps
Magnesium	24-2	6267633	6215985	6276443	6253354	0.52	cps
Manganese	55-2	6309044	6222435	6121463	6217647	1.51	cps
Molybdenum	94-1	105691	107165	107182	106679	0.80	cps
Molybdenum	95-1	5474	5404	5324	5401	1.39	cps
Molybdenum	96-1	27015	27165	26791	26991	0.70	cps
Molybdenum	97-1	3237	3347	3210	3265	2.22	cps
Molybdenum	98-1	8382	8346	8076	8268	2.03	cps
Neodymium	150-1	184727	185412	184328	184822	0.30	cps
Neodymium	150-2	116779	115169	114863	115603	0.89	cps
Nickel	60-2	90819	90799	89850	90490	0.61	cps
Phosphorus	31-2	35728	35665	35307	35567	0.64	cps
Potassium	39-2	3913212	3860290	3878552	3884018	0.69	cps
Rhodium	103-1	12065082	12045046	12073451	12061193	0.12	cps
Rhodium	103-2	7382620	7353759	7168641	7301673	1.59	cps
Scandium	45-1	7428681	7332853	7283706	7348414	1.00	cps
Scandium	45-2	645133	638819	632667	638873	0.98	cps
Selenium	82-1	382	485	285	384	26.06	cps
Selenium	77-2	257	303	257	272	9.90	cps
Selenium	78-2	663	693	667	674	2.44	cps
Silicon	28-1	10652402	10621498	10485311	10586403	0.84	cps
Silver	107-1	1914	2004	1959	1959	2.30	cps
Silver	109-1	1383	1290	1370	1348	3.75	cps
Sodium	23-2	122136	121971	120997	121702	0.51	cps
Strontium	86-1	261535	264054	262966	262852	0.48	cps
Strontium	88-1	2384147	2327296	2304398	2338614	1.76	cps
Sulfur	34-1	188876	197509	198147	194844	2.66	cps
Terbium	159-1	16511330	16504119	16149459	16388303	1.26	cps
Terbium	159-2	11717786	11477028	11595961	11596925	1.04	cps
Thallium	203-1	3214	3504	3254	3324	4.73	cps
Thallium	205-1	8243	7849	8336	8143	3.17	cps
Tin	118-1	6812	7108	7002	6974	2.16	cps
Titanium	47-1	812990	809817	802448	808418	0.67	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-06	Instrumnet Name :	P7
Client Sample ID :	MYCZ04	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:30:29	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38452	38459	38586	38499	0.20	cps
Vanadium	51-2	631798	629544	626132	629158	0.45	cps
Yttrium	89-1	16714310	16566875	16487924	16589703	0.69	cps
Yttrium	89-2	4554469	4443240	4481143	4492951	1.26	cps
Zinc	66-2	194847	193084	193034	193655	0.53	cps
Zirconium	90-1	283668	284015	283240	283641	0.14	cps
Zirconium	91-1	62442	64032	62847	63107	1.31	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13649117	13622834	13651582	13641178	0.12	cps
Antimony	121-1	2444	2507	2290	2414	4.62	cps
Arsenic	75-2	109124	109758	107741	108874	0.95	cps
Barium	135-1	1303811	1300060	1285187	1296353	0.76	cps
Barium	137-1	2346000	2358124	2303342	2335822	1.23	cps
Beryllium	9-1	2484	2474	2410	2456	1.62	cps
Bismuth	209-1	9666820	9480365	9440718	9529301	1.27	cps
Bismuth	209-2	8270834	8191686	8295559	8252693	0.66	cps
Bromine	81-1	14531	14554	14938	14674	1.56	cps
Bromine	81-2	570	507	590	556	7.83	cps
Cadmium	108-1	757	687	780	741	6.55	cps
Cadmium	106-1	5594	5384	5294	5424	2.84	cps
Cadmium	111-1	9535	9590	9541	9555	0.32	cps
Calcium	43-1	758585	751295	745271	751717	0.89	cps
Calcium	44-1	11781853	11579463	11702804	11688040	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	311223	310059	308307	309863	0.47	cps
Cobalt	59-2	391274	383342	384737	386451	1.10	cps
Copper	63-2	798052	794289	787703	793348	0.66	cps
Dysprosium	156-1	135577	139084	136973	137212	1.29	cps
Dysprosium	156-2	120377	120663	120891	120644	0.21	cps
Erbium	164-1	117845	117701	116863	117469	0.45	cps
Erbium	164-2	85271	86482	86760	86171	0.92	cps
Gadolinium	160-1	133135	134841	132230	133402	0.99	cps
Gadolinium	160-2	102706	104063	102515	103094	0.82	cps
Holmium	165-1	16084368	15531903	15712944	15776405	1.79	cps
Holmium	165-2	11717873	11614190	11543981	11625348	0.75	cps
Indium	115-1	13187184	12800304	12746331	12911273	1.86	cps
Indium	115-2	4744990	4700215	4732514	4725906	0.49	cps
Iron	56-2	515193139	512440486	509087392	512240339	0.60	cps
Iron	57-2	12697962	12543013	12604870	12615282	0.62	cps
Iron	54-2	28178202	27999174	27537172	27904849	1.19	cps
Krypton	83-1	413	437	367	406	8.79	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1070075	1071241	1069809	1070375	0.07	cps
Lead	207-1	982959	986325	973549	980945	0.68	cps
Lead	208-1	4537094	4514417	4445877	4499129	1.06	cps
Lithium	6-1	1705647	1642145	1647042	1664945	2.12	cps
Magnesium	24-2	9724224	9653251	9706826	9694767	0.38	cps
Manganese	55-2	8546059	8476041	8397758	8473286	0.88	cps
Molybdenum	94-1	132604	134235	131904	132914	0.90	cps
Molybdenum	95-1	6331	6261	6195	6263	1.09	cps
Molybdenum	96-1	33973	33261	33194	33476	1.29	cps
Molybdenum	97-1	3687	3974	3814	3825	3.76	cps
Molybdenum	98-1	9703	9847	9657	9736	1.02	cps
Neodymium	150-1	226589	229006	226637	227411	0.61	cps
Neodymium	150-2	143741	142016	142781	142846	0.60	cps
Nickel	60-2	117072	117261	114923	116419	1.12	cps
Phosphorus	31-2	48075	48122	48537	48245	0.53	cps
Potassium	39-2	5762585	5699500	5738695	5733593	0.56	cps
Rhodium	103-1	12070136	11799398	11557488	11809007	2.17	cps
Rhodium	103-2	7132850	7137095	7097268	7122404	0.31	cps
Scandium	45-1	7552999	7300173	7397991	7417054	1.72	cps
Scandium	45-2	636136	635200	631032	634123	0.43	cps
Selenium	82-1	586	502	557	549	7.76	cps
Selenium	77-2	383	367	407	386	5.21	cps
Selenium	78-2	833	863	820	839	2.65	cps
Silicon	28-1	15609385	16080418	15416538	15702114	2.17	cps
Silver	107-1	9043	9348	9299	9230	1.77	cps
Silver	109-1	8419	8523	8459	8467	0.62	cps
Sodium	23-2	156873	157213	157432	157172	0.18	cps
Strontium	86-1	293993	295239	289771	293001	0.98	cps
Strontium	88-1	2644663	2610039	2587225	2613975	1.11	cps
Sulfur	34-1	264336	259691	255875	259967	1.63	cps
Terbium	159-1	16471841	16199537	15967491	16212957	1.56	cps
Terbium	159-2	11539781	11450853	11311133	11433922	1.01	cps
Thallium	203-1	4424	4588	4401	4471	2.28	cps
Thallium	205-1	10201	10608	10634	10481	2.32	cps
Tin	118-1	10571	10380	10434	10462	0.94	cps
Titanium	47-1	680826	677577	675792	678065	0.38	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-07	Instrumnet Name :	P7
Client Sample ID :	MYCZ05	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:33:35	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40047	40160	39579	39929	0.77	cps
Vanadium	51-2	739882	742467	737232	739860	0.35	cps
Yttrium	89-1	17158507	16897887	16690591	16915661	1.39	cps
Yttrium	89-2	4496287	4540254	4444056	4493532	1.07	cps
Zinc	66-2	538555	538831	535837	537741	0.31	cps
Zirconium	90-1	354649	353710	350976	353112	0.54	cps
Zirconium	91-1	78281	78686	77945	78304	0.47	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6854144	6878234	6724323	6818900	1.21	cps
Antimony	121-1	1533	1550	1453	1512	3.42	cps
Arsenic	75-2	32496	30922	31771	31729	2.48	cps
Barium	135-1	762030	766410	767026	765155	0.36	cps
Barium	137-1	1320521	1332323	1323552	1325465	0.46	cps
Beryllium	9-1	1707	1630	1653	1663	2.36	cps
Bismuth	209-1	9740494	9519658	9430437	9563530	1.67	cps
Bismuth	209-2	8362178	8338806	8326194	8342393	0.22	cps
Bromine	81-1	13379	13193	13613	13395	1.57	cps
Bromine	81-2	283	293	300	292	2.87	cps
Cadmium	108-1	157	163	207	176	15.46	cps
Cadmium	106-1	4257	4057	4071	4128	2.71	cps
Cadmium	111-1	3898	3777	3714	3796	2.46	cps
Calcium	43-1	1156358	1152774	1152770	1153967	0.18	cps
Calcium	44-1	17865451	18044067	17803233	17904250	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	195173	192957	190800	192977	1.13	cps
Cobalt	59-2	286702	288147	288980	287943	0.40	cps
Copper	63-2	373372	368999	371959	371443	0.60	cps
Dysprosium	156-1	104656	106080	105341	105359	0.68	cps
Dysprosium	156-2	95408	95878	96217	95834	0.42	cps
Erbium	164-1	82397	81677	82257	82110	0.47	cps
Erbium	164-2	60192	60551	60252	60332	0.32	cps
Gadolinium	160-1	97281	96116	96117	96505	0.70	cps
Gadolinium	160-2	74477	74238	74617	74444	0.26	cps
Holmium	165-1	15960726	15692833	15547249	15733603	1.33	cps
Holmium	165-2	11700697	11786538	11637981	11708405	0.64	cps
Indium	115-1	13105029	12864582	12978640	12982750	0.93	cps
Indium	115-2	4884815	4845195	4803714	4844575	0.84	cps
Iron	56-2	374954354	378538461	374147394	375880070	0.62	cps
Iron	57-2	9192135	9193561	9281103	9222266	0.55	cps
Iron	54-2	20616916	20430024	20290856	20445932	0.80	cps
Krypton	83-1	343	323	337	334	3.04	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	282568	282525	281815	282302	0.15	cps
Lead	207-1	232714	232327	230571	231870	0.49	cps
Lead	208-1	1082189	1081109	1071235	1078178	0.56	cps
Lithium	6-1	1667356	1645992	1656384	1656577	0.64	cps
Magnesium	24-2	5993502	5928580	5995804	5972629	0.64	cps
Manganese	55-2	5610892	5598000	5550764	5586552	0.57	cps
Molybdenum	94-1	48838	48965	48062	48621	1.01	cps
Molybdenum	95-1	4774	4904	4878	4852	1.42	cps
Molybdenum	96-1	16096	16486	16312	16298	1.20	cps
Molybdenum	97-1	3220	2997	3017	3078	4.02	cps
Molybdenum	98-1	7342	7775	7629	7582	2.91	cps
Neodymium	150-1	183247	184277	184101	183875	0.30	cps
Neodymium	150-2	117494	115939	115767	116400	0.82	cps
Nickel	60-2	92630	92617	91470	92239	0.72	cps
Phosphorus	31-2	31459	30928	30885	31090	1.03	cps
Potassium	39-2	2702558	2751499	2678790	2710949	1.37	cps
Rhodium	103-1	11952514	11872631	11903159	11909435	0.34	cps
Rhodium	103-2	7313142	7320370	7206819	7280111	0.87	cps
Scandium	45-1	7258860	7292311	7195376	7248849	0.68	cps
Scandium	45-2	630372	629974	630372	630239	0.04	cps
Selenium	82-1	385	463	349	399	14.65	cps
Selenium	77-2	290	293	313	299	4.22	cps
Selenium	78-2	807	680	680	722	10.13	cps
Silicon	28-1	10693330	10655627	10734300	10694419	0.37	cps
Silver	107-1	927	970	883	926	4.69	cps
Silver	109-1	590	517	473	527	11.20	cps
Sodium	23-2	116160	116019	116271	116150	0.11	cps
Strontium	86-1	202019	201201	199799	201006	0.56	cps
Strontium	88-1	1806545	1797688	1809726	1804653	0.35	cps
Sulfur	34-1	172606	178439	179835	176960	2.17	cps
Terbium	159-1	16302717	16119397	16028254	16150123	0.87	cps
Terbium	159-2	11489533	11552944	11329102	11457193	1.01	cps
Thallium	203-1	2660	2590	2677	2643	1.74	cps
Thallium	205-1	6388	6155	6278	6274	1.86	cps
Tin	118-1	4214	4477	4337	4343	3.03	cps
Titanium	47-1	707880	705243	706143	706422	0.19	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-08	Instrumnet Name :	P7
Client Sample ID :	MYCZ06	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:36:42	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32079	30779	31167	31341	2.13	cps
Vanadium	51-2	594447	596830	589545	593607	0.63	cps
Yttrium	89-1	16470449	16352421	16134285	16319052	1.05	cps
Yttrium	89-2	4439556	4500656	4425846	4455353	0.89	cps
Zinc	66-2	152522	149890	150223	150878	0.95	cps
Zirconium	90-1	124906	125609	124761	125092	0.36	cps
Zirconium	91-1	27452	28204	27846	27834	1.35	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13894282	13734842	13799405	13809510	0.58	cps
Antimony	121-1	3090	2967	2944	3000	2.63	cps
Arsenic	75-2	98316	95679	96088	96694	1.47	cps
Barium	135-1	1413389	1419664	1414041	1415698	0.24	cps
Barium	137-1	2567634	2592619	2530139	2563464	1.23	cps
Beryllium	9-1	2337	2154	2300	2264	4.29	cps
Bismuth	209-1	9930924	9760162	9646924	9779337	1.46	cps
Bismuth	209-2	8222987	8241177	8279575	8247913	0.35	cps
Bromine	81-1	14938	15231	15875	15348	3.12	cps
Bromine	81-2	727	677	607	670	9.00	cps
Cadmium	108-1	797	770	683	750	7.90	cps
Cadmium	106-1	5328	5221	5614	5388	3.78	cps
Cadmium	111-1	9103	9108	9627	9279	3.25	cps
Calcium	43-1	890893	890254	882343	887830	0.54	cps
Calcium	44-1	13892937	13869217	13731193	13831116	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	287873	284574	282586	285011	0.94	cps
Cobalt	59-2	347242	345183	342606	345010	0.67	cps
Copper	63-2	767718	771728	766745	768730	0.34	cps
Dysprosium	156-1	134033	134668	134867	134522	0.32	cps
Dysprosium	156-2	117829	119261	117853	118314	0.69	cps
Erbium	164-1	112945	115435	113912	114098	1.10	cps
Erbium	164-2	86667	84808	85228	85567	1.14	cps
Gadolinium	160-1	128695	129505	130020	129406	0.52	cps
Gadolinium	160-2	101803	100171	101672	101215	0.90	cps
Holmium	165-1	16489094	15879459	15664143	16010899	2.67	cps
Holmium	165-2	11844643	11748851	11783545	11792346	0.41	cps
Indium	115-1	13375706	12921706	12808353	13035255	2.30	cps
Indium	115-2	4768922	4789405	4748353	4768893	0.43	cps
Iron	56-2	490218966	480260180	482057153	484178766	1.10	cps
Iron	57-2	12000174	11957223	11974842	11977413	0.18	cps
Iron	54-2	26291807	26332517	26339531	26321285	0.10	cps
Krypton	83-1	420	417	423	420	0.79	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1112617	1135050	1125342	1124337	1.00	cps
Lead	207-1	1026156	1038182	1032316	1032218	0.58	cps
Lead	208-1	4728565	4748313	4765601	4747493	0.39	cps
Lithium	6-1	1688066	1665181	1656877	1670041	0.97	cps
Magnesium	24-2	9739645	9587132	9696559	9674445	0.81	cps
Manganese	55-2	9104113	8821008	8971738	8965620	1.58	cps
Molybdenum	94-1	151645	154690	152504	152947	1.03	cps
Molybdenum	95-1	6265	6208	6275	6249	0.58	cps
Molybdenum	96-1	36850	36352	36703	36635	0.70	cps
Molybdenum	97-1	3917	3924	3817	3886	1.54	cps
Molybdenum	98-1	9747	9833	9630	9737	1.05	cps
Neodymium	150-1	225501	228769	226466	226912	0.74	cps
Neodymium	150-2	142511	142774	141835	142373	0.34	cps
Nickel	60-2	108116	108008	106938	107687	0.61	cps
Phosphorus	31-2	49480	50597	49493	49856	1.29	cps
Potassium	39-2	6208579	6140379	6129460	6159473	0.70	cps
Rhodium	103-1	12265814	11862455	11754255	11960841	2.25	cps
Rhodium	103-2	7175186	7183011	7116901	7158366	0.50	cps
Scandium	45-1	7625087	7363376	7283987	7424150	2.40	cps
Scandium	45-2	639386	632173	632926	634828	0.62	cps
Selenium	82-1	594	568	531	564	5.56	cps
Selenium	77-2	423	373	420	406	6.89	cps
Selenium	78-2	953	820	787	853	10.33	cps
Silicon	28-1	17727427	17701176	17515861	17648155	0.65	cps
Silver	107-1	9555	9651	9696	9634	0.74	cps
Silver	109-1	8329	8769	8593	8564	2.59	cps
Sodium	23-2	139848	139751	139287	139629	0.21	cps
Strontium	86-1	361436	359883	358955	360091	0.35	cps
Strontium	88-1	3154254	3247992	3190202	3197483	1.48	cps
Sulfur	34-1	252947	250295	247817	250353	1.02	cps
Terbium	159-1	16753215	16434344	16212324	16466628	1.65	cps
Terbium	159-2	11497570	11448130	11603735	11516478	0.69	cps
Thallium	203-1	4234	4191	4167	4197	0.81	cps
Thallium	205-1	9730	10254	9854	9946	2.75	cps
Tin	118-1	9653	9934	9697	9761	1.55	cps
Titanium	47-1	514135	518160	513796	515364	0.47	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-09	Instrumnet Name :	P7
Client Sample ID :	MYCZ07	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:39:49	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38221	38873	38696	38597	0.87	cps
Vanadium	51-2	702521	702123	700150	701598	0.18	cps
Yttrium	89-1	17300073	16744990	16594295	16879786	2.20	cps
Yttrium	89-2	4525729	4521490	4547899	4531706	0.31	cps
Zinc	66-2	534278	534131	529796	532735	0.48	cps
Zirconium	90-1	408317	411806	404356	408160	0.91	cps
Zirconium	91-1	90879	90735	90691	90768	0.11	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12541742	12548360	12501310	12530471	0.20	cps
Antimony	121-1	3034	3047	2960	3014	1.55	cps
Arsenic	75-2	116251	115831	116099	116060	0.18	cps
Barium	135-1	1245389	1255376	1245017	1248594	0.47	cps
Barium	137-1	2222807	2259126	2245950	2242628	0.82	cps
Beryllium	9-1	2104	2274	2220	2199	3.95	cps
Bismuth	209-1	10377508	9868655	9892277	10046147	2.86	cps
Bismuth	209-2	8532046	8412689	8443969	8462901	0.73	cps
Bromine	81-1	14671	14297	14264	14410	1.57	cps
Bromine	81-2	610	630	633	624	2.02	cps
Cadmium	108-1	927	883	920	910	2.56	cps
Cadmium	106-1	5878	5581	5741	5733	2.59	cps
Cadmium	111-1	12765	12620	12251	12545	2.12	cps
Calcium	43-1	742142	745746	741501	743130	0.31	cps
Calcium	44-1	11474047	11741437	11505223	11573569	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	303825	298950	296873	299883	1.19	cps
Cobalt	59-2	334279	333759	330388	332809	0.63	cps
Copper	63-2	836109	835312	828676	833366	0.49	cps
Dysprosium	156-1	143353	144723	143037	143704	0.62	cps
Dysprosium	156-2	126941	124822	127294	126352	1.06	cps
Erbium	164-1	121587	123150	122817	122518	0.67	cps
Erbium	164-2	90534	91279	92114	91309	0.87	cps
Gadolinium	160-1	139759	142674	142654	141696	1.18	cps
Gadolinium	160-2	109312	109950	109937	109733	0.33	cps
Holmium	165-1	17378155	16061531	16229514	16556400	4.33	cps
Holmium	165-2	12061026	12044080	11962375	12022494	0.44	cps
Indium	115-1	13921585	13279358	12936697	13379213	3.74	cps
Indium	115-2	4890869	4856205	4842410	4863161	0.51	cps
Iron	56-2	432638274	433659287	429676127	431991229	0.48	cps
Iron	57-2	10704267	10778713	10608844	10697274	0.80	cps
Iron	54-2	23638066	23579860	23619931	23612619	0.13	cps
Krypton	83-1	387	410	443	413	6.89	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1472542	1468024	1470124	1470230	0.15	cps
Lead	207-1	1356865	1367478	1358501	1360948	0.42	cps
Lead	208-1	6272164	6238550	6216675	6242463	0.45	cps
Lithium	6-1	1827241	1709944	1668245	1735143	4.75	cps
Magnesium	24-2	8615191	8650353	8567213	8610919	0.48	cps
Manganese	55-2	8838017	8859870	8808084	8835324	0.29	cps
Molybdenum	94-1	128186	129197	126406	127930	1.10	cps
Molybdenum	95-1	5868	6666	5684	6073	8.59	cps
Molybdenum	96-1	30859	32406	31240	31502	2.56	cps
Molybdenum	97-1	3504	4067	3570	3714	8.29	cps
Molybdenum	98-1	9073	9464	8746	9094	3.95	cps
Neodymium	150-1	241474	240786	240968	241076	0.15	cps
Neodymium	150-2	151942	152674	149331	151316	1.16	cps
Nickel	60-2	103417	103470	104642	103843	0.67	cps
Phosphorus	31-2	43094	43020	42800	42971	0.36	cps
Potassium	39-2	6049342	6071072	6027166	6049193	0.36	cps
Rhodium	103-1	12784568	12053468	11905440	12247825	3.84	cps
Rhodium	103-2	7389024	7346863	7277262	7337716	0.77	cps
Scandium	45-1	7745538	7362521	7391600	7499886	2.84	cps
Scandium	45-2	641006	640426	634196	638542	0.59	cps
Selenium	82-1	641	625	545	604	8.54	cps
Selenium	77-2	390	387	443	407	7.82	cps
Selenium	78-2	747	870	910	842	10.11	cps
Silicon	28-1	12877526	12930053	12887818	12898466	0.22	cps
Silver	107-1	10809	11166	10929	10968	1.66	cps
Silver	109-1	9933	10004	9737	9891	1.40	cps
Sodium	23-2	126880	127775	127529	127395	0.36	cps
Strontium	86-1	307084	308654	307275	307671	0.28	cps
Strontium	88-1	2724797	2742444	2765963	2744401	0.75	cps
Sulfur	34-1	262214	263814	262633	262887	0.32	cps
Terbium	159-1	17389755	16448126	16388114	16741999	3.36	cps
Terbium	159-2	11901989	11625141	11687424	11738185	1.24	cps
Thallium	203-1	3977	3881	4367	4075	6.32	cps
Thallium	205-1	9724	9540	9807	9690	1.41	cps
Tin	118-1	8723	8739	8926	8796	1.28	cps
Titanium	47-1	410027	412493	410358	410959	0.33	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-10	Instrumnet Name :	P7
Client Sample ID :	MYCZ08	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:42:56	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39783	39385	39819	39662	0.61	cps
Vanadium	51-2	572082	573963	572820	572955	0.17	cps
Yttrium	89-1	18006749	17127044	17116285	17416693	2.93	cps
Yttrium	89-2	4682016	4610385	4585965	4626122	1.08	cps
Zinc	66-2	684415	685781	679916	683371	0.45	cps
Zirconium	90-1	339831	341748	340744	340774	0.28	cps
Zirconium	91-1	76102	75590	74474	75389	1.10	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11078298	11148199	11110164	11112220	0.31	cps
Antimony	121-1	2597	2704	2700	2667	2.27	cps
Arsenic	75-2	121892	121653	120655	121400	0.54	cps
Barium	135-1	1026947	1024309	1011312	1020856	0.82	cps
Barium	137-1	1867569	1839886	1838425	1848626	0.89	cps
Beryllium	9-1	2187	2240	2247	2225	1.48	cps
Bismuth	209-1	9738247	9674854	9637954	9683685	0.52	cps
Bismuth	209-2	8533815	8345883	8328525	8402741	1.35	cps
Bromine	81-1	14397	14467	13940	14268	2.01	cps
Bromine	81-2	510	453	457	473	6.72	cps
Cadmium	108-1	697	600	663	653	7.52	cps
Cadmium	106-1	5074	5304	5338	5239	2.74	cps
Cadmium	111-1	9873	10051	9972	9965	0.90	cps
Calcium	43-1	499457	494016	486900	493458	1.28	cps
Calcium	44-1	7809366	7672193	7534384	7671981	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	272870	275510	273026	273802	0.54	cps
Cobalt	59-2	464083	468420	462441	464981	0.66	cps
Copper	63-2	916446	909165	905267	910293	0.62	cps
Dysprosium	156-1	129029	128810	127892	128577	0.47	cps
Dysprosium	156-2	112348	112654	110191	111731	1.20	cps
Erbium	164-1	110812	109007	109101	109640	0.93	cps
Erbium	164-2	81771	81593	81586	81650	0.13	cps
Gadolinium	160-1	124352	124080	122416	123616	0.85	cps
Gadolinium	160-2	95710	96603	94958	95757	0.86	cps
Holmium	165-1	16057661	15930396	15902087	15963381	0.52	cps
Holmium	165-2	11954464	11841154	11812807	11869475	0.63	cps
Indium	115-1	13198284	13055532	12746395	13000070	1.78	cps
Indium	115-2	4763635	4764814	4778771	4769073	0.18	cps
Iron	56-2	561549978	555649578	552814752	556671436	0.80	cps
Iron	57-2	13910238	13824858	13832433	13855843	0.34	cps
Iron	54-2	30384800	30184113	30014794	30194569	0.61	cps
Krypton	83-1	493	473	317	428	22.62	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1065968	1063999	1054288	1061418	0.59	cps
Lead	207-1	970246	971343	968138	969909	0.17	cps
Lead	208-1	4454680	4447519	4402377	4434859	0.64	cps
Lithium	6-1	1710886	1697430	1671738	1693351	1.17	cps
Magnesium	24-2	7649406	7537168	7626308	7604294	0.78	cps
Manganese	55-2	8593836	8564291	8537515	8565214	0.33	cps
Molybdenum	94-1	107470	106423	103509	105801	1.94	cps
Molybdenum	95-1	9817	9837	9366	9673	2.75	cps
Molybdenum	96-1	33549	32372	31838	32586	2.69	cps
Molybdenum	97-1	6105	5728	5831	5888	3.31	cps
Molybdenum	98-1	15465	15115	15311	15297	1.15	cps
Neodymium	150-1	214117	213215	209334	212222	1.20	cps
Neodymium	150-2	133444	132165	130426	132012	1.15	cps
Nickel	60-2	97353	97735	95649	96913	1.15	cps
Phosphorus	31-2	42913	43024	42439	42792	0.73	cps
Potassium	39-2	5161658	5160834	5104363	5142285	0.64	cps
Rhodium	103-1	12064293	11938811	11878912	11960672	0.79	cps
Rhodium	103-2	7146271	7109971	7090303	7115515	0.40	cps
Scandium	45-1	7451636	7306227	7192237	7316700	1.78	cps
Scandium	45-2	630874	627347	620538	626253	0.84	cps
Selenium	82-1	557	506	684	583	15.79	cps
Selenium	77-2	380	377	347	368	4.99	cps
Selenium	78-2	740	820	820	793	5.82	cps
Silicon	28-1	12072513	12058727	11992707	12041316	0.35	cps
Silver	107-1	9220	9029	8999	9083	1.31	cps
Silver	109-1	8496	8262	8109	8289	2.35	cps
Sodium	23-2	129166	130292	128998	129485	0.54	cps
Strontium	86-1	266310	265412	261566	264429	0.95	cps
Strontium	88-1	2393524	2400284	2295977	2363262	2.47	cps
Sulfur	34-1	192405	194954	196145	194501	0.98	cps
Terbium	159-1	16358522	16294643	16229843	16294336	0.39	cps
Terbium	159-2	11648556	11550127	11424152	11540945	0.97	cps
Thallium	203-1	4264	4497	4274	4345	3.04	cps
Thallium	205-1	10100	9850	9987	9979	1.26	cps
Tin	118-1	10274	10474	10160	10303	1.54	cps
Titanium	47-1	1128856	1133298	1107271	1123142	1.24	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-11	Instrumnet Name :	P7
Client Sample ID :	MYCZ09	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:46:01	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43350	43314	42514	43060	1.10	cps
Vanadium	51-2	935582	932432	924499	930838	0.61	cps
Yttrium	89-1	17095483	16834211	16446615	16792103	1.94	cps
Yttrium	89-2	4516094	4462689	4414207	4464330	1.14	cps
Zinc	66-2	565090	565723	561558	564124	0.40	cps
Zirconium	90-1	274007	274087	270549	272881	0.74	cps
Zirconium	91-1	62134	60400	60528	61021	1.58	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12201673	12202477	12119448	12174533	0.39	cps
Antimony	121-1	2274	2224	2244	2247	1.12	cps
Arsenic	75-2	39299	38994	38092	38795	1.62	cps
Barium	135-1	974405	968287	971517	971403	0.32	cps
Barium	137-1	1759956	1755935	1747450	1754447	0.36	cps
Beryllium	9-1	1813	1980	1800	1865	5.38	cps
Bismuth	209-1	9577890	9626965	9630129	9611661	0.30	cps
Bismuth	209-2	8514064	8401929	8386841	8434278	0.82	cps
Bromine	81-1	13797	14057	14170	14008	1.37	cps
Bromine	81-2	357	333	363	351	4.49	cps
Cadmium	108-1	300	257	273	277	7.90	cps
Cadmium	106-1	4624	4357	4437	4473	3.06	cps
Cadmium	111-1	4161	3937	3934	4011	3.25	cps
Calcium	43-1	682820	689498	683010	685109	0.55	cps
Calcium	44-1	10609750	10712654	10531931	10618112	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	322690	321639	319193	321174	0.56	cps
Cobalt	59-2	382442	377539	379465	379815	0.65	cps
Copper	63-2	582457	580441	579493	580797	0.26	cps
Dysprosium	156-1	117237	118051	116881	117390	0.51	cps
Dysprosium	156-2	102192	102819	101114	102042	0.85	cps
Erbium	164-1	100703	100615	99326	100215	0.77	cps
Erbium	164-2	74413	74396	74303	74371	0.08	cps
Gadolinium	160-1	115682	114120	114301	114701	0.75	cps
Gadolinium	160-2	88930	88551	89436	88972	0.50	cps
Holmium	165-1	15940785	15773660	15980360	15898268	0.69	cps
Holmium	165-2	11815705	11942912	11763949	11840855	0.78	cps
Indium	115-1	12894577	12768869	12813949	12825798	0.50	cps
Indium	115-2	4845289	4950900	4841079	4879089	1.28	cps
Iron	56-2	497174899	494965873	491235339	494458704	0.61	cps
Iron	57-2	12220124	12328091	12260499	12269571	0.44	cps
Iron	54-2	27171102	26957377	26689883	26939454	0.90	cps
Krypton	83-1	343	440	397	393	12.31	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	211990	214672	210826	212496	0.93	cps
Lead	207-1	173191	174978	173392	173854	0.56	cps
Lead	208-1	799574	808083	802942	803533	0.53	cps
Lithium	6-1	1701233	1674373	1697012	1690873	0.85	cps
Magnesium	24-2	9175050	9285114	9253401	9237855	0.61	cps
Manganese	55-2	7199869	7199405	7129155	7176143	0.57	cps
Molybdenum	94-1	76013	74873	75788	75558	0.80	cps
Molybdenum	95-1	5971	5898	5988	5952	0.80	cps
Molybdenum	96-1	23582	23836	23439	23619	0.85	cps
Molybdenum	97-1	3761	3774	3804	3779	0.59	cps
Molybdenum	98-1	9333	9406	9236	9325	0.91	cps
Neodymium	150-1	197814	197094	195971	196960	0.47	cps
Neodymium	150-2	123165	124530	124036	123911	0.56	cps
Nickel	60-2	108347	109059	107763	108390	0.60	cps
Phosphorus	31-2	34803	36066	35585	35484	1.80	cps
Potassium	39-2	1718182	1717264	1700555	1712000	0.58	cps
Rhodium	103-1	12029905	11878948	11959321	11956058	0.63	cps
Rhodium	103-2	7302018	7431360	7282157	7338512	1.10	cps
Scandium	45-1	7349502	7329154	7266469	7315042	0.59	cps
Scandium	45-2	641373	644075	639411	641620	0.37	cps
Selenium	82-1	509	331	317	386	27.71	cps
Selenium	77-2	433	353	323	370	15.37	cps
Selenium	78-2	763	820	757	780	4.46	cps
Silicon	28-1	18887644	19126713	18944078	18986145	0.66	cps
Silver	107-1	1834	1806	1706	1782	3.80	cps
Silver	109-1	1120	1240	1273	1211	6.66	cps
Sodium	23-2	232614	233568	235784	233989	0.69	cps
Strontium	86-1	323925	321352	321959	322412	0.42	cps
Strontium	88-1	2847472	2926466	2885367	2886435	1.37	cps
Sulfur	34-1	165886	163534	164187	164536	0.74	cps
Terbium	159-1	16236509	16220230	16270045	16242261	0.16	cps
Terbium	159-2	11842748	11626154	11560754	11676552	1.26	cps
Thallium	203-1	2700	2634	2930	2755	5.65	cps
Thallium	205-1	6708	6338	6928	6658	4.48	cps
Tin	118-1	6912	6311	6585	6603	4.55	cps
Titanium	47-1	1065686	1063670	1061962	1063773	0.18	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-12	Instrumnet Name :	P7
Client Sample ID :	MYCZ10	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:49:08	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32196	33211	32760	32723	1.56	cps
Vanadium	51-2	843915	837835	829211	836987	0.88	cps
Yttrium	89-1	16550801	16744974	16719331	16671702	0.63	cps
Yttrium	89-2	4559148	4592746	4537482	4563125	0.61	cps
Zinc	66-2	174530	174396	171093	173340	1.12	cps
Zirconium	90-1	196185	196621	195932	196246	0.18	cps
Zirconium	91-1	43671	44096	43812	43860	0.49	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9707278	9684223	9712834	9701445	0.16	cps
Antimony	121-1	1397	1597	1513	1502	6.69	cps
Arsenic	75-2	41953	41578	41408	41646	0.67	cps
Barium	135-1	933882	934500	927712	932031	0.40	cps
Barium	137-1	1669263	1667889	1677505	1671552	0.31	cps
Beryllium	9-1	1617	1460	1550	1542	5.10	cps
Bismuth	209-1	9630836	9622116	9627277	9626743	0.05	cps
Bismuth	209-2	8373042	8230126	8276121	8293096	0.88	cps
Bromine	81-1	14194	14244	14517	14318	1.22	cps
Bromine	81-2	330	317	350	332	5.05	cps
Cadmium	108-1	350	320	297	322	8.30	cps
Cadmium	106-1	4497	4481	4481	4486	0.21	cps
Cadmium	111-1	4050	4019	4051	4040	0.45	cps
Calcium	43-1	824448	829538	823377	825788	0.40	cps
Calcium	44-1	12935355	12851524	12728129	12838336	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	465850	461561	463780	463730	0.46	cps
Cobalt	59-2	383731	380579	380675	381662	0.47	cps
Copper	63-2	516032	516857	519915	517601	0.40	cps
Dysprosium	156-1	100607	100671	101070	100783	0.25	cps
Dysprosium	156-2	88339	87557	87145	87680	0.69	cps
Erbium	164-1	86677	86713	86133	86508	0.38	cps
Erbium	164-2	64227	64283	64056	64189	0.18	cps
Gadolinium	160-1	98661	98191	98506	98453	0.24	cps
Gadolinium	160-2	75958	75395	76189	75847	0.54	cps
Holmium	165-1	16041229	15661951	15831516	15844899	1.20	cps
Holmium	165-2	11878575	11578390	11723611	11726859	1.28	cps
Indium	115-1	13063663	12817111	12909905	12930226	0.96	cps
Indium	115-2	4827822	4832896	4783206	4814642	0.57	cps
Iron	56-2	452308927	450706620	449641887	450885811	0.30	cps
Iron	57-2	11252580	11145901	11146254	11181578	0.55	cps
Iron	54-2	24682500	24779617	24215263	24559127	1.23	cps
Krypton	83-1	330	333	347	337	2.62	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	205079	206270	207263	206204	0.53	cps
Lead	207-1	168629	169945	169348	169307	0.39	cps
Lead	208-1	783389	784400	784607	784132	0.08	cps
Lithium	6-1	1704372	1669263	1662256	1678630	1.34	cps
Magnesium	24-2	8837050	8736394	8830101	8801182	0.64	cps
Manganese	55-2	6494846	6443818	6407787	6448817	0.68	cps
Molybdenum	94-1	83088	83107	83147	83114	0.04	cps
Molybdenum	95-1	6822	7269	6742	6944	4.09	cps
Molybdenum	96-1	25469	25319	25202	25330	0.53	cps
Molybdenum	97-1	4187	4071	4457	4238	4.68	cps
Molybdenum	98-1	11088	10914	11064	11022	0.85	cps
Neodymium	150-1	163937	164884	166253	165025	0.71	cps
Neodymium	150-2	103513	103506	103620	103546	0.06	cps
Nickel	60-2	133444	133548	132347	133113	0.50	cps
Phosphorus	31-2	32718	31649	31846	32071	1.77	cps
Potassium	39-2	1573351	1571315	1592996	1579221	0.76	cps
Rhodium	103-1	11967286	11718463	11864087	11849945	1.05	cps
Rhodium	103-2	7235417	7243734	7227382	7235511	0.11	cps
Scandium	45-1	7368729	7254347	7196119	7273065	1.21	cps
Scandium	45-2	635195	627910	631731	631612	0.58	cps
Selenium	82-1	419	349	384	384	9.12	cps
Selenium	77-2	307	290	313	303	3.96	cps
Selenium	78-2	730	630	743	701	8.84	cps
Silicon	28-1	11809725	11961790	12203326	11991614	1.66	cps
Silver	107-1	1375	1350	1383	1369	1.26	cps
Silver	109-1	1010	1010	940	987	4.10	cps
Sodium	23-2	175052	174234	175898	175061	0.48	cps
Strontium	86-1	288542	292910	289281	290245	0.81	cps
Strontium	88-1	2586738	2592442	2572664	2583948	0.39	cps
Sulfur	34-1	180442	182290	184985	182572	1.25	cps
Terbium	159-1	16217188	16227064	16140296	16194849	0.29	cps
Terbium	159-2	11566763	11531594	11524778	11541045	0.20	cps
Thallium	203-1	2510	2664	2460	2545	4.16	cps
Thallium	205-1	6211	6615	6335	6387	3.24	cps
Tin	118-1	6842	6928	7242	7004	3.01	cps
Titanium	47-1	784684	792108	786658	787816	0.49	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-13	Instrumnet Name :	P7
Client Sample ID :	MYCZ11	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:52:16	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30181	29960	29493	29878	1.18	cps
Vanadium	51-2	793885	798850	794521	795752	0.34	cps
Yttrium	89-1	16484957	16273194	16369718	16375956	0.65	cps
Yttrium	89-2	4498472	4435644	4446208	4460108	0.75	cps
Zinc	66-2	170295	169503	170443	170080	0.30	cps
Zirconium	90-1	215687	216228	217872	216596	0.53	cps
Zirconium	91-1	48480	48359	47503	48114	1.11	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14867778	14723359	14873321	14821486	0.57	cps
Antimony	121-1	627	680	747	684	8.78	cps
Arsenic	75-2	44082	44236	43413	43910	1.00	cps
Barium	135-1	1437451	1426746	1412250	1425483	0.89	cps
Barium	137-1	2591071	2545561	2569532	2568721	0.89	cps
Beryllium	9-1	2444	2670	2594	2569	4.49	cps
Bismuth	209-1	9512874	9487004	9384089	9461322	0.72	cps
Bismuth	209-2	8265631	8164568	8198554	8209585	0.63	cps
Bromine	81-1	15131	15095	15061	15096	0.23	cps
Bromine	81-2	583	540	653	592	9.66	cps
Cadmium	108-1	373	537	450	453	18.03	cps
Cadmium	106-1	5594	5264	5054	5304	5.13	cps
Cadmium	111-1	5392	5075	4922	5130	4.67	cps
Calcium	43-1	770253	771740	759901	767298	0.84	cps
Calcium	44-1	12054147	12000966	11835858	11963657	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	382927	382097	382026	382350	0.13	cps
Cobalt	59-2	395275	395971	393740	394995	0.29	cps
Copper	63-2	649976	646057	645590	647207	0.37	cps
Dysprosium	156-1	182260	182550	179839	181549	0.82	cps
Dysprosium	156-2	158584	157975	156174	157577	0.80	cps
Erbium	164-1	150282	150581	148317	149727	0.82	cps
Erbium	164-2	111608	110294	110493	110798	0.64	cps
Gadolinium	160-1	181064	180405	177857	179775	0.94	cps
Gadolinium	160-2	136817	134871	137803	136497	1.09	cps
Holmium	165-1	16043993	15513088	15716395	15757825	1.70	cps
Holmium	165-2	11592096	11538586	11553779	11561487	0.24	cps
Indium	115-1	12968812	12763521	12652133	12794822	1.26	cps
Indium	115-2	4729821	4711664	4716713	4719399	0.20	cps
Iron	56-2	538570685	534668805	536460285	536566592	0.36	cps
Iron	57-2	13481285	13297767	13351712	13376921	0.71	cps
Iron	54-2	29320351	28881195	29252427	29151324	0.81	cps
Krypton	83-1	387	447	423	419	7.22	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	292224	292690	289764	291559	0.54	cps
Lead	207-1	240348	237971	237264	238528	0.68	cps
Lead	208-1	1106670	1107154	1099879	1104568	0.37	cps
Lithium	6-1	1701330	1691387	1644513	1679077	1.81	cps
Magnesium	24-2	11489529	11467459	11440158	11465715	0.22	cps
Manganese	55-2	9422258	9372840	9449126	9414742	0.41	cps
Molybdenum	94-1	142801	142963	141411	142392	0.60	cps
Molybdenum	95-1	6068	5718	6005	5930	3.15	cps
Molybdenum	96-1	35429	35376	34604	35137	1.31	cps
Molybdenum	97-1	3837	3767	3791	3798	0.94	cps
Molybdenum	98-1	9683	9877	9440	9667	2.27	cps
Neodymium	150-1	313304	312617	311354	312425	0.32	cps
Neodymium	150-2	194435	192894	193985	193771	0.41	cps
Nickel	60-2	129147	127170	127052	127790	0.92	cps
Phosphorus	31-2	41927	42492	42840	42420	1.09	cps
Potassium	39-2	4363985	4296338	4345184	4335169	0.81	cps
Rhodium	103-1	11960795	11785310	11531819	11759308	1.83	cps
Rhodium	103-2	7123691	7083057	7077863	7094870	0.35	cps
Scandium	45-1	7532539	7353412	7280049	7388666	1.76	cps
Scandium	45-2	634019	623204	630578	629267	0.88	cps
Selenium	82-1	465	409	434	436	6.35	cps
Selenium	77-2	480	487	497	488	1.72	cps
Selenium	78-2	757	897	877	843	8.98	cps
Silicon	28-1	7272126	7255141	7175056	7234108	0.72	cps
Silver	107-1	2507	2291	2417	2405	4.49	cps
Silver	109-1	1847	1860	1587	1765	8.73	cps
Sodium	23-2	159395	157724	159117	158745	0.56	cps
Strontium	86-1	451725	450370	445724	449273	0.70	cps
Strontium	88-1	3992735	4063760	4003119	4019871	0.95	cps
Sulfur	34-1	181450	181571	177939	180320	1.14	cps
Terbium	159-1	16421538	16259793	15851656	16177662	1.82	cps
Terbium	159-2	11477629	11406558	11333966	11406051	0.63	cps
Thallium	203-1	4071	3971	4314	4118	4.29	cps
Thallium	205-1	9413	9897	9387	9566	3.00	cps
Tin	118-1	9603	9103	9570	9425	2.97	cps
Titanium	47-1	473293	469678	463292	468755	1.08	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-14	Instrumnet Name :	P7
Client Sample ID :	MYCZ12	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:55:26	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40374	39321	39572	39756	1.38	cps
Vanadium	51-2	802102	800200	800191	800831	0.14	cps
Yttrium	89-1	17334406	17343828	17074926	17251053	0.88	cps
Yttrium	89-2	4623215	4628513	4613792	4621840	0.16	cps
Zinc	66-2	234058	232018	232586	232887	0.45	cps
Zirconium	90-1	381180	380802	374711	378897	0.96	cps
Zirconium	91-1	83861	82627	84220	83569	1.00	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7317510	7312498	7344623	7324877	0.24	cps
Antimony	121-1	5801	6121	5771	5898	3.29	cps
Arsenic	75-2	37477	36575	37594	37216	1.50	cps
Barium	135-1	518344	517919	516178	517481	0.22	cps
Barium	137-1	900039	893137	894846	896008	0.40	cps
Beryllium	9-1	1247	1200	1203	1217	2.14	cps
Bismuth	209-1	9668214	9427149	9314244	9469869	1.91	cps
Bismuth	209-2	8272499	8202592	8090936	8188676	1.12	cps
Bromine	81-1	13583	13159	13643	13462	1.96	cps
Bromine	81-2	317	250	273	280	12.08	cps
Cadmium	108-1	187	210	167	188	11.55	cps
Cadmium	106-1	4331	4057	3761	4050	7.04	cps
Cadmium	111-1	3683	3424	3241	3449	6.43	cps
Calcium	43-1	571444	572749	572286	572160	0.12	cps
Calcium	44-1	9003757	8884968	8931665	8940130	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	374084	371494	370485	372021	0.50	cps
Cobalt	59-2	300811	298806	299346	299655	0.35	cps
Copper	63-2	517837	518150	520193	518727	0.25	cps
Dysprosium	156-1	73678	74546	73035	73753	1.03	cps
Dysprosium	156-2	63727	65646	64487	64620	1.50	cps
Erbium	164-1	67622	67693	67324	67547	0.29	cps
Erbium	164-2	49471	50069	50153	49898	0.75	cps
Gadolinium	160-1	73582	73317	72550	73150	0.73	cps
Gadolinium	160-2	56975	57223	57859	57352	0.79	cps
Holmium	165-1	16064333	15798137	15487829	15783433	1.83	cps
Holmium	165-2	11470931	11613370	11548861	11544387	0.62	cps
Indium	115-1	13091363	12893056	12796192	12926870	1.16	cps
Indium	115-2	4859992	4829683	4817436	4835704	0.45	cps
Iron	56-2	419093327	419874474	416335127	418434309	0.44	cps
Iron	57-2	10326590	10404441	10257158	10329396	0.71	cps
Iron	54-2	22896919	22765859	22452410	22705062	1.01	cps
Krypton	83-1	290	353	337	327	10.05	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	148999	150569	148269	149279	0.79	cps
Lead	207-1	120047	120572	119984	120201	0.27	cps
Lead	208-1	558893	563664	556345	559634	0.66	cps
Lithium	6-1	1704287	1652120	1631549	1662652	2.26	cps
Magnesium	24-2	7267812	7271573	7243569	7260985	0.21	cps
Manganese	55-2	3979230	3999288	3940104	3972874	0.76	cps
Molybdenum	94-1	45210	44885	43966	44687	1.44	cps
Molybdenum	95-1	7892	7989	7966	7949	0.63	cps
Molybdenum	96-1	20057	20191	18886	19711	3.64	cps
Molybdenum	97-1	5058	4834	4854	4915	2.51	cps
Molybdenum	98-1	12772	12742	12535	12683	1.02	cps
Neodymium	150-1	118654	120600	118428	119227	1.00	cps
Neodymium	150-2	74830	74177	75233	74747	0.71	cps
Nickel	60-2	124266	123291	124101	123886	0.42	cps
Phosphorus	31-2	27124	27261	27909	27431	1.53	cps
Potassium	39-2	1219457	1219616	1220447	1219840	0.04	cps
Rhodium	103-1	12116016	11710076	11629966	11818686	2.20	cps
Rhodium	103-2	7275894	7247208	7117305	7213469	1.17	cps
Scandium	45-1	7384691	7179498	7057436	7207209	2.29	cps
Scandium	45-2	627794	627325	623027	626049	0.42	cps
Selenium	82-1	370	300	329	333	10.50	cps
Selenium	77-2	240	253	197	230	12.88	cps
Selenium	78-2	747	620	627	664	10.73	cps
Silicon	28-1	13004886	12941719	13021177	12989261	0.32	cps
Silver	107-1	1115	1176	1052	1114	5.57	cps
Silver	109-1	760	723	690	724	4.83	cps
Sodium	23-2	242382	243482	243300	243054	0.24	cps
Strontium	86-1	224265	221984	224668	223639	0.65	cps
Strontium	88-1	2022159	2020624	2000415	2014399	0.60	cps
Sulfur	34-1	177032	178128	178222	177794	0.37	cps
Terbium	159-1	16441197	16028441	15876911	16115517	1.81	cps
Terbium	159-2	11319414	11409599	11377867	11368960	0.40	cps
Thallium	203-1	1770	1827	1877	1825	2.93	cps
Thallium	205-1	4611	4481	4391	4494	2.46	cps
Tin	118-1	5398	5511	5258	5389	2.36	cps
Titanium	47-1	1472047	1464904	1426245	1454399	1.69	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-15	Instrumnet Name :	P7
Client Sample ID :	MYCZ13	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 19:58:32	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27649	27021	27756	27475	1.45	cps
Vanadium	51-2	801671	799245	797332	799416	0.27	cps
Yttrium	89-1	16223473	16108773	15844435	16058894	1.21	cps
Yttrium	89-2	4372653	4350580	4313053	4345428	0.69	cps
Zinc	66-2	136207	134133	135249	135196	0.77	cps
Zirconium	90-1	109723	108947	108443	109037	0.59	cps
Zirconium	91-1	24193	24577	23920	24230	1.36	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12249364	12136497	11988810	12124890	1.08	cps
Antimony	121-1	4944	4617	4644	4735	3.83	cps
Arsenic	75-2	163698	162367	161700	162588	0.63	cps
Barium	135-1	1119671	1108833	1103519	1110675	0.74	cps
Barium	137-1	1980758	2014372	1976201	1990444	1.05	cps
Beryllium	9-1	2290	2287	2320	2299	0.80	cps
Bismuth	209-1	9567693	9494642	9494580	9518972	0.44	cps
Bismuth	209-2	8287401	8273540	8203757	8254899	0.54	cps
Bromine	81-1	13843	14040	14000	13961	0.75	cps
Bromine	81-2	473	533	533	513	6.75	cps
Cadmium	108-1	1007	1023	1053	1028	2.30	cps
Cadmium	106-1	5725	5591	5418	5578	2.76	cps
Cadmium	111-1	13875	13797	13347	13673	2.08	cps
Calcium	43-1	615429	614264	612719	614137	0.22	cps
Calcium	44-1	9669567	9547130	9471701	9562799	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	292755	289562	290131	290816	0.59	cps
Cobalt	59-2	389699	385966	385969	387211	0.56	cps
Copper	63-2	1312648	1299964	1294112	1302241	0.73	cps
Dysprosium	156-1	124769	125249	123110	124376	0.90	cps
Dysprosium	156-2	108912	110060	107145	108705	1.35	cps
Erbium	164-1	109767	109189	106055	108337	1.84	cps
Erbium	164-2	80896	80554	80339	80596	0.35	cps
Gadolinium	160-1	121094	122765	120792	121550	0.87	cps
Gadolinium	160-2	94724	93915	94358	94332	0.43	cps
Holmium	165-1	16015379	15746876	15486095	15749450	1.68	cps
Holmium	165-2	11658149	11699001	11457111	11604754	1.12	cps
Indium	115-1	13030085	12689559	12570024	12763223	1.87	cps
Indium	115-2	4734454	4769908	4687214	4730525	0.88	cps
Iron	56-2	574251138	565232925	563517845	567667303	1.02	cps
Iron	57-2	14174351	14017944	13942945	14045080	0.84	cps
Iron	54-2	31081541	30513217	30595427	30730062	1.00	cps
Krypton	83-1	383	413	423	407	5.12	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1649294	1650545	1643895	1647912	0.21	cps
Lead	207-1	1513953	1524831	1508891	1515892	0.54	cps
Lead	208-1	6920385	6959794	6899124	6926434	0.44	cps
Lithium	6-1	1706483	1635717	1634378	1658859	2.49	cps
Magnesium	24-2	8289737	8309789	8213767	8271097	0.61	cps
Manganese	55-2	8568996	8508171	8401256	8492808	1.00	cps
Molybdenum	94-1	119979	121045	119627	120217	0.61	cps
Molybdenum	95-1	8006	8052	7886	7981	1.08	cps
Molybdenum	96-1	33943	33655	33622	33740	0.52	cps
Molybdenum	97-1	4931	5031	5011	4991	1.06	cps
Molybdenum	98-1	12639	12809	12445	12631	1.44	cps
Neodymium	150-1	204639	208122	206239	206333	0.85	cps
Neodymium	150-2	129416	129040	127127	128528	0.96	cps
Nickel	60-2	101725	102114	100420	101420	0.88	cps
Phosphorus	31-2	47059	46547	46467	46691	0.69	cps
Potassium	39-2	5194752	5189448	5118062	5167421	0.83	cps
Rhodium	103-1	12003692	11735008	11609860	11782853	1.71	cps
Rhodium	103-2	7108462	7064178	6982769	7051803	0.90	cps
Scandium	45-1	7365758	7214071	7134527	7238119	1.62	cps
Scandium	45-2	626020	618046	616269	620112	0.84	cps
Selenium	82-1	667	663	567	632	8.89	cps
Selenium	77-2	367	367	337	357	4.86	cps
Selenium	78-2	767	730	837	778	6.97	cps
Silicon	28-1	14344191	14332900	14201579	14292890	0.55	cps
Silver	107-1	17520	17072	17010	17201	1.62	cps
Silver	109-1	16446	16062	15792	16100	2.04	cps
Sodium	23-2	144042	142011	142761	142938	0.72	cps
Strontium	86-1	247002	245643	244270	245638	0.56	cps
Strontium	88-1	2205467	2194740	2192274	2197494	0.32	cps
Sulfur	34-1	313978	311668	310736	312127	0.53	cps
Terbium	159-1	16123302	16149328	15841310	16037980	1.07	cps
Terbium	159-2	11456411	11509531	11408135	11458026	0.44	cps
Thallium	203-1	4487	4517	4554	4520	0.74	cps
Thallium	205-1	10611	10551	10868	10676	1.58	cps
Tin	118-1	22878	23579	23322	23260	1.52	cps
Titanium	47-1	906195	904644	894102	901647	0.73	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-16	Instrumnet Name :	P7
Client Sample ID :	MYCZ14	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:01:41	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39157	39475	39198	39277	0.44	cps
Vanadium	51-2	901401	895981	888088	895157	0.75	cps
Yttrium	89-1	16941511	16441676	16325654	16569613	1.98	cps
Yttrium	89-2	4448946	4449566	4406268	4434926	0.56	cps
Zinc	66-2	748647	741443	740067	743386	0.62	cps
Zirconium	90-1	318498	318346	315288	317377	0.57	cps
Zirconium	91-1	70826	70012	70153	70331	0.62	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10396580	10420834	10351178	10389531	0.34	cps
Antimony	121-1	3704	3924	3724	3784	3.22	cps
Arsenic	75-2	185827	188329	187060	187072	0.67	cps
Barium	135-1	875242	872757	867367	871789	0.46	cps
Barium	137-1	1518109	1500813	1510040	1509654	0.57	cps
Beryllium	9-1	1887	1960	1790	1879	4.54	cps
Bismuth	209-1	9737872	9749506	9572667	9686682	1.02	cps
Bismuth	209-2	8357974	8361596	8370940	8363503	0.08	cps
Bromine	81-1	13626	14147	13396	13723	2.80	cps
Bromine	81-2	470	443	423	446	5.25	cps
Cadmium	108-1	1107	1277	1160	1181	7.36	cps
Cadmium	106-1	5558	5514	5501	5524	0.54	cps
Cadmium	111-1	17095	16144	16094	16444	3.43	cps
Calcium	43-1	516208	511625	510927	512920	0.56	cps
Calcium	44-1	8041691	8034504	7933478	8003224	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237048	236946	236695	236896	0.08	cps
Cobalt	59-2	308347	307960	306985	307764	0.23	cps
Copper	63-2	930999	933705	926698	930467	0.38	cps
Dysprosium	156-1	112603	115409	111767	113260	1.68	cps
Dysprosium	156-2	99781	100348	100792	100307	0.51	cps
Erbium	164-1	97916	97591	95433	96980	1.39	cps
Erbium	164-2	72366	72008	71244	71872	0.80	cps
Gadolinium	160-1	110192	109870	109675	109912	0.24	cps
Gadolinium	160-2	85408	85589	85418	85472	0.12	cps
Holmium	165-1	15952014	15948068	15286658	15728913	2.44	cps
Holmium	165-2	11746182	11572747	11746811	11688580	0.86	cps
Indium	115-1	12926364	12796611	12546161	12756378	1.52	cps
Indium	115-2	4769789	4778132	4715074	4754332	0.72	cps
Iron	56-2	465759153	463580966	460517540	463285886	0.57	cps
Iron	57-2	11508888	11533698	11568384	11536990	0.26	cps
Iron	54-2	25147364	24995171	24911515	25018017	0.48	cps
Krypton	83-1	327	380	363	357	7.65	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2651203	2705118	2612107	2656142	1.76	cps
Lead	207-1	2541514	2559109	2503802	2534809	1.11	cps
Lead	208-1	11105307	11090650	10939867	11045274	0.83	cps
Lithium	6-1	1717368	1684230	1595154	1665584	3.79	cps
Magnesium	24-2	7816128	7740379	7812589	7789699	0.55	cps
Manganese	55-2	7539202	7525227	7464588	7509672	0.53	cps
Molybdenum	94-1	97323	97716	98250	97763	0.48	cps
Molybdenum	95-1	10084	10194	9853	10044	1.73	cps
Molybdenum	96-1	31076	31357	30893	31109	0.75	cps
Molybdenum	97-1	6121	6355	6091	6189	2.33	cps
Molybdenum	98-1	15358	15612	16216	15729	2.80	cps
Neodymium	150-1	191336	190881	191146	191121	0.12	cps
Neodymium	150-2	120442	120950	118735	120042	0.97	cps
Nickel	60-2	88633	88844	87577	88351	0.77	cps
Phosphorus	31-2	47948	46771	48119	47613	1.54	cps
Potassium	39-2	5179636	5181201	5184009	5181615	0.04	cps
Rhodium	103-1	11873964	11814803	11459201	11715990	1.91	cps
Rhodium	103-2	7114234	7116252	7166220	7132235	0.41	cps
Scandium	45-1	7202636	7200659	7030670	7144655	1.38	cps
Scandium	45-2	620247	618064	615338	617883	0.40	cps
Selenium	82-1	857	849	772	826	5.68	cps
Selenium	77-2	377	363	330	357	6.74	cps
Selenium	78-2	820	917	867	868	5.57	cps
Silicon	28-1	7358904	7607773	7273512	7413396	2.34	cps
Silver	107-1	17808	17792	17563	17721	0.77	cps
Silver	109-1	16469	16523	16222	16405	0.98	cps
Sodium	23-2	142744	143454	141607	142601	0.65	cps
Strontium	86-1	232118	229428	229744	230430	0.64	cps
Strontium	88-1	2083387	2085539	2033915	2067614	1.41	cps
Sulfur	34-1	235375	237352	237453	236727	0.50	cps
Terbium	159-1	16323766	15982025	15912286	16072692	1.37	cps
Terbium	159-2	11446290	11497683	11584564	11509512	0.61	cps
Thallium	203-1	4407	4451	4694	4517	3.42	cps
Thallium	205-1	10651	11145	10691	10829	2.53	cps
Tin	118-1	11878	11728	11678	11762	0.89	cps
Titanium	47-1	680776	677895	672250	676974	0.64	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-17	Instrumnet Name :	P7
Client Sample ID :	MYCZ15	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:04:45	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36313	35972	36186	36157	0.48	cps
Vanadium	51-2	612719	611806	611641	612055	0.09	cps
Yttrium	89-1	16759124	16404621	16110843	16424863	1.98	cps
Yttrium	89-2	4432514	4422032	4409267	4421271	0.26	cps
Zinc	66-2	1066974	1067734	1061179	1065296	0.34	cps
Zirconium	90-1	255391	252742	251409	253181	0.80	cps
Zirconium	91-1	57251	55187	56602	56346	1.87	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12766071	12579954	12572001	12639342	0.87	cps
Antimony	121-1	5171	5184	5068	5141	1.24	cps
Arsenic	75-2	191333	191158	190911	191134	0.11	cps
Barium	135-1	1294888	1301467	1295476	1297277	0.28	cps
Barium	137-1	2363872	2325304	2349696	2346290	0.83	cps
Beryllium	9-1	2344	2377	2390	2370	1.01	cps
Bismuth	209-1	9687611	9681701	9659890	9676401	0.15	cps
Bismuth	209-2	8399598	8448860	8374499	8407653	0.45	cps
Bromine	81-1	14941	14447	14234	14541	2.50	cps
Bromine	81-2	643	627	617	629	2.14	cps
Cadmium	108-1	1020	977	997	998	2.17	cps
Cadmium	106-1	6018	5558	5695	5757	4.11	cps
Cadmium	111-1	13776	13213	13381	13457	2.15	cps
Calcium	43-1	589026	584307	584690	586008	0.45	cps
Calcium	44-1	9236433	9161693	8978295	9125473	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	281713	279699	276895	279435	0.87	cps
Cobalt	59-2	369360	366464	368240	368022	0.40	cps
Copper	63-2	979139	969519	969674	972777	0.57	cps
Dysprosium	156-1	136263	135812	136189	136088	0.18	cps
Dysprosium	156-2	119469	117611	118551	118544	0.78	cps
Erbium	164-1	116242	117757	117135	117045	0.65	cps
Erbium	164-2	86371	86666	86130	86389	0.31	cps
Gadolinium	160-1	131944	133930	131086	132320	1.10	cps
Gadolinium	160-2	100880	102521	102229	101877	0.86	cps
Holmium	165-1	15913906	15970161	15553616	15812561	1.43	cps
Holmium	165-2	11808613	11809509	11597471	11738531	1.04	cps
Indium	115-1	12955014	12850588	12585184	12796929	1.49	cps
Indium	115-2	4753136	4750410	4737326	4746957	0.18	cps
Iron	56-2	564821325	564169392	559699712	562896809	0.50	cps
Iron	57-2	14148590	13936015	13991124	14025243	0.79	cps
Iron	54-2	30708442	30611220	30373407	30564356	0.56	cps
Krypton	83-1	343	347	427	372	12.68	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2076004	2126627	2106721	2103117	1.21	cps
Lead	207-1	2012503	2003217	1994363	2003361	0.45	cps
Lead	208-1	8739192	8801189	8755153	8765178	0.37	cps
Lithium	6-1	1681830	1663552	1702347	1682577	1.15	cps
Magnesium	24-2	8537790	8440362	8538180	8505444	0.66	cps
Manganese	55-2	8378830	8289063	8380192	8349362	0.63	cps
Molybdenum	94-1	130868	131342	129741	130650	0.63	cps
Molybdenum	95-1	9410	9490	8983	9294	2.93	cps
Molybdenum	96-1	36766	36385	36542	36564	0.52	cps
Molybdenum	97-1	5691	5611	5771	5691	1.41	cps
Molybdenum	98-1	14834	14417	14624	14625	1.43	cps
Neodymium	150-1	225586	226408	224977	225657	0.32	cps
Neodymium	150-2	140889	141902	140051	140947	0.66	cps
Nickel	60-2	102678	102638	102356	102557	0.17	cps
Phosphorus	31-2	49236	48600	48617	48817	0.74	cps
Potassium	39-2	5637386	5604872	5558402	5600220	0.71	cps
Rhodium	103-1	11835120	11748009	11605877	11729669	0.99	cps
Rhodium	103-2	7125796	7151570	7076776	7118047	0.53	cps
Scandium	45-1	7321838	7152956	7121326	7198707	1.50	cps
Scandium	45-2	623899	619145	619290	620778	0.44	cps
Selenium	82-1	881	834	736	817	9.04	cps
Selenium	77-2	383	423	413	407	5.12	cps
Selenium	78-2	897	890	883	890	0.75	cps
Silicon	28-1	10534973	10416491	10345205	10432223	0.92	cps
Silver	107-1	16054	16654	16562	16423	1.97	cps
Silver	109-1	15201	14991	14748	14980	1.52	cps
Sodium	23-2	145092	145052	143811	144652	0.50	cps
Strontium	86-1	283312	281452	281813	282193	0.35	cps
Strontium	88-1	2552719	2541815	2495046	2529860	1.21	cps
Sulfur	34-1	242491	239475	241509	241158	0.64	cps
Terbium	159-1	16194299	16372324	15945841	16170821	1.32	cps
Terbium	159-2	11720547	11576377	11495467	11597464	0.98	cps
Thallium	203-1	4851	4744	5114	4903	3.89	cps
Thallium	205-1	11125	11255	11355	11245	1.03	cps
Tin	118-1	13089	12642	12516	12749	2.36	cps
Titanium	47-1	894751	879590	876706	883682	1.10	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-18	Instrumnet Name :	P7
Client Sample ID :	MYCZ16	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:07:50	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41966	43066	42832	42622	1.36	cps
Vanadium	51-2	835858	834447	826360	832221	0.62	cps
Yttrium	89-1	16763069	16645646	16437095	16615270	0.99	cps
Yttrium	89-2	4514545	4442197	4495260	4484001	0.84	cps
Zinc	66-2	917719	906051	908382	910717	0.68	cps
Zirconium	90-1	343119	342455	339951	341841	0.49	cps
Zirconium	91-1	76790	75784	76665	76413	0.72	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11391443	11193587	11229362	11271464	0.94	cps
Antimony	121-1	2844	2737	2797	2793	1.92	cps
Arsenic	75-2	49041	48787	47887	48571	1.25	cps
Barium	135-1	771379	769792	770932	770701	0.11	cps
Barium	137-1	1328462	1338210	1336252	1334308	0.39	cps
Beryllium	9-1	1687	1643	1603	1645	2.53	cps
Bismuth	209-1	9663282	9422550	9558723	9548185	1.26	cps
Bismuth	209-2	8315414	8290918	8188814	8265049	0.81	cps
Bromine	81-1	13610	13963	14067	13880	1.73	cps
Bromine	81-2	267	320	313	300	9.69	cps
Cadmium	108-1	283	317	220	273	17.97	cps
Cadmium	106-1	4864	4714	4411	4663	4.95	cps
Cadmium	111-1	4366	4183	4166	4238	2.61	cps
Calcium	43-1	1128605	1139366	1147062	1138344	0.81	cps
Calcium	44-1	17760453	17689171	17787483	17745703	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	352172	352207	353892	352757	0.28	cps
Cobalt	59-2	369452	370459	366411	368774	0.57	cps
Copper	63-2	658967	661178	654168	658104	0.54	cps
Dysprosium	156-1	112872	113974	113376	113407	0.49	cps
Dysprosium	156-2	99972	100097	98425	99498	0.94	cps
Erbium	164-1	99947	97625	99742	99105	1.30	cps
Erbium	164-2	74574	74581	72976	74043	1.25	cps
Gadolinium	160-1	110138	111801	112279	111406	1.01	cps
Gadolinium	160-2	88708	88165	86770	87881	1.14	cps
Holmium	165-1	15858548	15759401	15811291	15809746	0.31	cps
Holmium	165-2	11889116	11793344	11720485	11800982	0.72	cps
Indium	115-1	12952741	12819623	12637234	12803199	1.24	cps
Indium	115-2	4848924	4818259	4772506	4813230	0.80	cps
Iron	56-2	501495326	500893326	496617846	499668833	0.53	cps
Iron	57-2	12391773	12247603	12346354	12328577	0.60	cps
Iron	54-2	27487883	26877337	26962790	27109337	1.22	cps
Krypton	83-1	437	403	350	397	11.02	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	207413	207868	209520	208267	0.53	cps
Lead	207-1	170765	171229	172166	171387	0.42	cps
Lead	208-1	792142	789966	794293	792134	0.27	cps
Lithium	6-1	1699840	1648992	1661709	1670180	1.58	cps
Magnesium	24-2	9761559	9762704	9765267	9763177	0.02	cps
Manganese	55-2	7234584	7082306	6997322	7104737	1.69	cps
Molybdenum	94-1	87653	88046	87278	87659	0.44	cps
Molybdenum	95-1	7182	6792	6792	6922	3.25	cps
Molybdenum	96-1	26027	26955	26758	26580	1.84	cps
Molybdenum	97-1	4267	4211	4237	4238	0.67	cps
Molybdenum	98-1	10921	11485	10704	11037	3.65	cps
Neodymium	150-1	187512	189342	188265	188373	0.49	cps
Neodymium	150-2	118919	119282	118933	119045	0.17	cps
Nickel	60-2	122743	122323	121242	122103	0.63	cps
Phosphorus	31-2	40430	40383	40139	40317	0.39	cps
Potassium	39-2	1801863	1807572	1811134	1806856	0.26	cps
Rhodium	103-1	11972918	11750553	11768783	11830751	1.04	cps
Rhodium	103-2	7336898	7107901	7301387	7248728	1.70	cps
Scandium	45-1	7253828	7253226	7186197	7231084	0.54	cps
Scandium	45-2	636821	631062	637101	634994	0.54	cps
Selenium	82-1	325	365	420	370	12.95	cps
Selenium	77-2	347	323	370	347	6.73	cps
Selenium	78-2	687	713	787	729	7.10	cps
Silicon	28-1	14238789	14511429	14493630	14414616	1.06	cps
Silver	107-1	1639	1772	1864	1758	6.42	cps
Silver	109-1	1160	1310	1377	1282	8.66	cps
Sodium	23-2	274124	273475	271433	273010	0.51	cps
Strontium	86-1	314242	315217	313721	314394	0.24	cps
Strontium	88-1	2818586	2842322	2812480	2824463	0.56	cps
Sulfur	34-1	170796	173661	174073	172843	1.03	cps
Terbium	159-1	16313289	16108094	16009120	16143501	0.96	cps
Terbium	159-2	11440094	11482642	11317930	11413556	0.75	cps
Thallium	203-1	2897	2830	2830	2853	1.35	cps
Thallium	205-1	6562	7122	6458	6714	5.32	cps
Tin	118-1	7515	7602	7349	7489	1.72	cps
Titanium	47-1	963378	970561	970661	968200	0.43	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-19	Instrumnet Name :	P7
Client Sample ID :	MYCZ17	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:10:53	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31130	30649	31260	31013	1.04	cps
Vanadium	51-2	827152	822458	825630	825080	0.29	cps
Yttrium	89-1	16769965	16642761	16385205	16599310	1.18	cps
Yttrium	89-2	4506981	4441007	4443958	4463982	0.83	cps
Zinc	66-2	174075	173080	173323	173493	0.30	cps
Zirconium	90-1	227692	228439	230297	228809	0.59	cps
Zirconium	91-1	50450	51426	51165	51014	0.99	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11805267	11782361	11759892	11782507	0.19	cps
Antimony	121-1	3644	3470	3460	3525	2.92	cps
Arsenic	75-2	86460	84800	85467	85576	0.98	cps
Barium	135-1	1137146	1142964	1127852	1135987	0.67	cps
Barium	137-1	2044648	2072028	2026747	2047808	1.11	cps
Beryllium	9-1	2287	2077	2234	2199	4.96	cps
Bismuth	209-1	9838790	9544966	9285378	9556378	2.90	cps
Bismuth	209-2	8250314	8301532	8201822	8251223	0.60	cps
Bromine	81-1	15341	15048	15675	15355	2.04	cps
Bromine	81-2	677	590	577	614	8.84	cps
Cadmium	108-1	613	633	600	616	2.73	cps
Cadmium	106-1	5454	4851	4888	5064	6.68	cps
Cadmium	111-1	7969	7510	7351	7610	4.22	cps
Calcium	43-1	546758	555749	553941	552149	0.86	cps
Calcium	44-1	8574432	8708769	8537772	8606991	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253055	251972	251638	252222	0.29	cps
Cobalt	59-2	366126	362865	363409	364133	0.48	cps
Copper	63-2	1062333	1063203	1056898	1060811	0.32	cps
Dysprosium	156-1	135476	138848	138374	137566	1.33	cps
Dysprosium	156-2	122919	121479	121409	121936	0.70	cps
Erbium	164-1	112340	113318	112663	112773	0.44	cps
Erbium	164-2	84886	84202	84815	84634	0.44	cps
Gadolinium	160-1	130363	131655	130756	130925	0.51	cps
Gadolinium	160-2	101581	100111	100631	100775	0.74	cps
Holmium	165-1	16604673	15872387	15680309	16052456	3.04	cps
Holmium	165-2	11611311	11789188	11597967	11666155	0.92	cps
Indium	115-1	13647391	12710800	12481835	12946676	4.77	cps
Indium	115-2	4722091	4696912	4674860	4697955	0.50	cps
Iron	56-2	508074886	507731286	508285299	508030490	0.06	cps
Iron	57-2	12598690	12692457	12357287	12549478	1.38	cps
Iron	54-2	27839030	27557161	27185935	27527375	1.19	cps
Krypton	83-1	393	363	370	376	4.19	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	802186	821622	815112	812973	1.22	cps
Lead	207-1	739202	745166	740320	741563	0.43	cps
Lead	208-1	3372188	3448087	3391729	3404002	1.16	cps
Lithium	6-1	1723293	1641696	1628989	1664659	3.07	cps
Magnesium	24-2	8084769	7976487	7973156	8011471	0.79	cps
Manganese	55-2	8417739	8377406	8308053	8367733	0.66	cps
Molybdenum	94-1	120151	123656	120995	121601	1.50	cps
Molybdenum	95-1	6682	6775	6778	6745	0.81	cps
Molybdenum	96-1	32005	32062	31664	31910	0.67	cps
Molybdenum	97-1	4191	4481	4101	4257	4.67	cps
Molybdenum	98-1	10437	10300	10741	10493	2.15	cps
Neodymium	150-1	232368	235540	230447	232785	1.10	cps
Neodymium	150-2	147842	146013	145064	146307	0.97	cps
Nickel	60-2	95780	95287	93898	94988	1.03	cps
Phosphorus	31-2	45160	44458	44247	44622	1.07	cps
Potassium	39-2	6150246	6161205	6027733	6113061	1.21	cps
Rhodium	103-1	12460915	11599911	11565611	11875479	4.27	cps
Rhodium	103-2	7097777	7198994	7062687	7119819	0.99	cps
Scandium	45-1	7686048	7206069	7001562	7297893	4.81	cps
Scandium	45-2	615691	621596	616211	617833	0.53	cps
Selenium	82-1	558	563	490	537	7.65	cps
Selenium	77-2	423	453	427	434	3.79	cps
Selenium	78-2	820	757	797	791	4.05	cps
Silicon	28-1	8848902	8797200	8707662	8784588	0.81	cps
Silver	107-1	6431	7067	6690	6729	4.75	cps
Silver	109-1	5871	5895	5948	5905	0.67	cps
Sodium	23-2	129932	129381	128480	129265	0.57	cps
Strontium	86-1	286873	287120	282656	285550	0.88	cps
Strontium	88-1	2558993	2624969	2572044	2585335	1.35	cps
Sulfur	34-1	201861	198664	199234	199920	0.85	cps
Terbium	159-1	16948533	16129837	15883445	16320605	3.42	cps
Terbium	159-2	11408811	11400699	11479807	11429772	0.38	cps
Thallium	203-1	4301	4167	4494	4321	3.80	cps
Thallium	205-1	10000	10094	9827	9974	1.36	cps
Tin	118-1	18702	18993	19523	19073	2.18	cps
Titanium	47-1	967468	985515	963709	972231	1.20	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:14:02	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42849	43551	44377	43592	1.75	cps
Vanadium	51-2	776539	774274	770052	773622	0.43	cps
Yttrium	89-1	17453214	16586666	16686222	16908701	2.80	cps
Yttrium	89-2	4476529	4466683	4411973	4451728	0.78	cps
Zinc	66-2	429155	423841	425047	426015	0.65	cps
Zirconium	90-1	322386	326009	321262	323219	0.77	cps
Zirconium	91-1	72263	72799	70766	71943	1.47	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11762697	11701185	11581945	11681942	0.79	cps
Antimony	121-1	3150	3260	3097	3169	2.63	cps
Arsenic	75-2	84723	85232	84170	84709	0.63	cps
Barium	135-1	1139827	1132097	1131331	1134418	0.41	cps
Barium	137-1	2053995	2022153	2004705	2026951	1.23	cps
Beryllium	9-1	2217	2160	2330	2236	3.87	cps
Bismuth	209-1	9618224	9514601	9495891	9542905	0.69	cps
Bismuth	209-2	8238201	8246672	8226671	8237181	0.12	cps
Bromine	81-1	14938	15415	14691	15014	2.45	cps
Bromine	81-2	570	640	640	617	6.55	cps
Cadmium	108-1	600	637	537	591	8.56	cps
Cadmium	106-1	5261	4958	4998	5072	3.25	cps
Cadmium	111-1	7931	7424	7486	7614	3.63	cps
Calcium	43-1	550537	545520	544421	546826	0.60	cps
Calcium	44-1	8579620	8429829	8386307	8465252	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259848	257712	254713	257424	1.00	cps
Cobalt	59-2	356585	355436	353397	355139	0.45	cps
Copper	63-2	935318	934766	927716	932600	0.45	cps
Dysprosium	156-1	134934	134345	133059	134113	0.71	cps
Dysprosium	156-2	117627	118027	117836	117830	0.17	cps
Erbium	164-1	111221	111648	111420	111430	0.19	cps
Erbium	164-2	83487	82622	81861	82657	0.98	cps
Gadolinium	160-1	128281	128742	128193	128405	0.23	cps
Gadolinium	160-2	99748	99292	98325	99122	0.73	cps
Holmium	165-1	15977634	15732713	15767560	15825969	0.84	cps
Holmium	165-2	11583117	11709714	11615258	11636030	0.57	cps
Indium	115-1	13017941	12819528	12615035	12817501	1.57	cps
Indium	115-2	4744709	4776181	4719060	4746650	0.60	cps
Iron	56-2	507951352	503385286	499815993	503717544	0.81	cps
Iron	57-2	12518616	12529702	12371594	12473304	0.71	cps
Iron	54-2	27434804	27310680	27273975	27339820	0.31	cps
Krypton	83-1	373	343	503	407	20.91	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	815653	814949	812758	814453	0.19	cps
Lead	207-1	740922	737945	736529	738465	0.30	cps
Lead	208-1	3427318	3399610	3393667	3406865	0.53	cps
Lithium	6-1	1702551	1695341	1686737	1694876	0.47	cps
Magnesium	24-2	7974080	7913908	7908599	7932196	0.46	cps
Manganese	55-2	8321023	8369993	8279359	8323458	0.55	cps
Molybdenum	94-1	121337	121025	120275	120879	0.45	cps
Molybdenum	95-1	6555	6705	6772	6677	1.66	cps
Molybdenum	96-1	32459	32550	31544	32184	1.73	cps
Molybdenum	97-1	3997	4051	4014	4021	0.68	cps
Molybdenum	98-1	10450	10307	10184	10314	1.29	cps
Neodymium	150-1	226090	227550	226979	226873	0.32	cps
Neodymium	150-2	143404	142258	139616	141759	1.37	cps
Nickel	60-2	95173	94150	94096	94473	0.64	cps
Phosphorus	31-2	45427	44347	44143	44639	1.55	cps
Potassium	39-2	6144185	6105800	6099389	6116458	0.40	cps
Rhodium	103-1	11742184	11771800	11642914	11718966	0.58	cps
Rhodium	103-2	7019316	7153640	7051072	7074676	0.99	cps
Scandium	45-1	7323576	7239829	7098245	7220550	1.58	cps
Scandium	45-2	613997	616253	612929	614393	0.28	cps
Selenium	82-1	521	597	444	521	14.77	cps
Selenium	77-2	330	413	387	377	11.30	cps
Selenium	78-2	810	733	813	786	5.76	cps
Silicon	28-1	8743579	8766790	8705396	8738588	0.35	cps
Silver	107-1	6791	6765	6517	6691	2.26	cps
Silver	109-1	5818	5731	5588	5712	2.03	cps
Sodium	23-2	128080	126411	125029	126507	1.21	cps
Strontium	86-1	283933	284452	282224	283536	0.41	cps
Strontium	88-1	2590496	2576472	2502176	2556381	1.86	cps
Sulfur	34-1	199345	199238	197894	198826	0.41	cps
Terbium	159-1	16416205	16120881	16083214	16206767	1.13	cps
Terbium	159-2	11386711	11416961	11433916	11412529	0.21	cps
Thallium	203-1	4407	4437	4231	4359	2.56	cps
Thallium	205-1	10197	10484	10124	10268	1.85	cps
Tin	118-1	10951	10961	11128	11013	0.90	cps
Titanium	47-1	968559	954439	947848	956949	1.11	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:17:07	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43645	42899	43187	43243	0.87	cps
Vanadium	51-2	772889	770073	767416	770126	0.36	cps
Yttrium	89-1	16890844	16695041	16304901	16630262	1.79	cps
Yttrium	89-2	4375065	4460537	4383151	4406251	1.07	cps
Zinc	66-2	424999	426306	423303	424869	0.35	cps
Zirconium	90-1	317123	316538	315104	316255	0.33	cps
Zirconium	91-1	70880	69909	69426	70072	1.06	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2395529	2393609	2369164	2386101	0.62	cps
Antimony	121-1	713	723	793	743	5.86	cps
Arsenic	75-2	18011	17117	17407	17512	2.61	cps
Barium	135-1	222272	225710	225247	224410	0.83	cps
Barium	137-1	389103	390881	388764	389583	0.29	cps
Beryllium	9-1	433	460	443	446	3.02	cps
Bismuth	209-1	10441630	9477951	9435765	9785115	5.81	cps
Bismuth	209-2	8309607	8318660	8105837	8244701	1.46	cps
Bromine	81-1	13483	13006	13490	13326	2.08	cps
Bromine	81-2	193	230	193	206	10.30	cps
Cadmium	108-1	153	107	160	140	20.76	cps
Cadmium	106-1	4227	3600	3370	3733	11.88	cps
Cadmium	111-1	3705	3396	3061	3387	9.51	cps
Calcium	43-1	106850	109511	109595	108652	1.44	cps
Calcium	44-1	1651750	1707797	1692620	1684055	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51725	51869	52307	51967	0.58	cps
Cobalt	59-2	74205	74678	74386	74423	0.32	cps
Copper	63-2	216669	216886	217054	216869	0.09	cps
Dysprosium	156-1	27183	26492	27317	26997	1.64	cps
Dysprosium	156-2	23934	23830	24301	24022	1.03	cps
Erbium	164-1	21597	22178	22578	22118	2.23	cps
Erbium	164-2	16537	16486	16693	16572	0.65	cps
Gadolinium	160-1	24785	25323	25637	25248	1.71	cps
Gadolinium	160-2	20355	20008	20311	20225	0.94	cps
Holmium	165-1	17086033	15287039	15374805	15915959	6.37	cps
Holmium	165-2	11418146	11326987	11111861	11285664	1.39	cps
Indium	115-1	14164036	12712483	12734037	13203518	6.30	cps
Indium	115-2	4739066	4784335	4695703	4739701	0.94	cps
Iron	56-2	102705518	102338662	102260948	102435043	0.23	cps
Iron	57-2	2564565	2534679	2532180	2543808	0.71	cps
Iron	54-2	5545306	5581056	5553490	5559951	0.34	cps
Krypton	83-1	327	287	267	293	10.41	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	161895	163358	161693	162315	0.56	cps
Lead	207-1	146315	146648	145260	146075	0.50	cps
Lead	208-1	651342	654327	653194	652955	0.23	cps
Lithium	6-1	1777442	1638803	1618982	1678409	5.14	cps
Magnesium	24-2	1613039	1614871	1618375	1615428	0.17	cps
Manganese	55-2	1702427	1704048	1705319	1703931	0.09	cps
Molybdenum	94-1	23926	23843	23562	23777	0.80	cps
Molybdenum	95-1	1440	1277	1373	1363	6.02	cps
Molybdenum	96-1	6301	6301	6522	6375	1.99	cps
Molybdenum	97-1	900	863	1000	921	7.68	cps
Molybdenum	98-1	2110	2230	2080	2140	3.71	cps
Neodymium	150-1	46600	45898	45881	46126	0.89	cps
Neodymium	150-2	29130	28616	29838	29195	2.10	cps
Nickel	60-2	19353	19626	20174	19717	2.12	cps
Phosphorus	31-2	9263	9183	8939	9128	1.85	cps
Potassium	39-2	1289513	1284580	1297313	1290469	0.50	cps
Rhodium	103-1	13083043	11827611	11786520	12232391	6.02	cps
Rhodium	103-2	7190274	7120936	7142148	7151120	0.50	cps
Scandium	45-1	7529190	6854864	6940111	7108055	5.17	cps
Scandium	45-2	596089	596156	598434	596893	0.22	cps
Selenium	82-1	185	138	218	180	22.09	cps
Selenium	77-2	73	80	60	71	14.32	cps
Selenium	78-2	517	543	467	509	7.65	cps
Silicon	28-1	2409439	2407933	2423091	2413487	0.35	cps
Silver	107-1	1489	1440	1504	1478	2.29	cps
Silver	109-1	1240	1113	1183	1179	5.38	cps
Sodium	23-2	46470	46406	47630	46836	1.47	cps
Strontium	86-1	56572	56849	57274	56898	0.62	cps
Strontium	88-1	487023	494916	494103	492014	0.88	cps
Sulfur	34-1	166014	164063	164986	165021	0.59	cps
Terbium	159-1	17619303	15848596	15686024	16384641	6.54	cps
Terbium	159-2	11297257	11087612	11290291	11225053	1.06	cps
Thallium	203-1	1287	1240	1390	1306	5.88	cps
Thallium	205-1	3040	3177	3120	3113	2.21	cps
Tin	118-1	4231	3847	4007	4028	4.78	cps
Titanium	47-1	190286	191685	192457	191476	0.57	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 20:20:15	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8179	8273	8463	8305	1.74	cps
Vanadium	51-2	156289	155949	155622	155954	0.21	cps
Yttrium	89-1	16776159	15015315	15114253	15635242	6.33	cps
Yttrium	89-2	4099056	4097980	4086650	4094562	0.17	cps
Zinc	66-2	86468	86978	86170	86539	0.47	cps
Zirconium	90-1	62271	63018	63747	63012	1.17	cps
Zirconium	91-1	14100	14180	13907	14062	1.00	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11931342	11607656	11631841	11723613	1.54	cps
Antimony	121-1	1106053	1093908	1091634	1097198	0.71	cps
Arsenic	75-2	105582	105380	104740	105234	0.42	cps
Barium	135-1	7269749	7136002	7237156	7214303	0.97	cps
Barium	137-1	12482384	12431605	12304399	12406130	0.74	cps
Beryllium	9-1	64403	63998	63884	64095	0.43	cps
Bismuth	209-1	9630357	9644801	9433497	9569552	1.23	cps
Bismuth	209-2	8238929	8256953	8162175	8219352	0.61	cps
Bromine	81-1	14214	14030	14317	14187	1.02	cps
Bromine	81-2	610	607	637	618	2.66	cps
Cadmium	108-1	10254	10190	9967	10137	1.49	cps
Cadmium	106-1	18048	17828	17731	17869	0.91	cps
Cadmium	111-1	150323	150598	150748	150556	0.14	cps
Calcium	43-1	539674	537832	531842	536449	0.76	cps
Calcium	44-1	8395384	8429924	8318348	8381218	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1191423	1176655	1179149	1182409	0.67	cps
Cobalt	59-2	4141597	4081598	4067084	4096760	0.96	cps
Copper	63-2	2309987	2306485	2283971	2300147	0.61	cps
Dysprosium	156-1	134005	134699	133561	134088	0.43	cps
Dysprosium	156-2	116465	117970	116948	117128	0.66	cps
Erbium	164-1	110579	109672	111060	110437	0.64	cps
Erbium	164-2	80249	80064	80909	80407	0.55	cps
Gadolinium	160-1	128418	128469	127225	128037	0.55	cps
Gadolinium	160-2	98017	97949	97113	97693	0.52	cps
Holmium	165-1	15961736	15766759	15561298	15763264	1.27	cps
Holmium	165-2	11504692	11455986	11500841	11487173	0.24	cps
Indium	115-1	12978788	12673713	12648448	12766983	1.44	cps
Indium	115-2	4829036	4720223	4697645	4748968	1.48	cps
Iron	56-2	505172286	498295033	495486326	499651215	1.00	cps
Iron	57-2	12371364	12325162	12213346	12303291	0.66	cps
Iron	54-2	27525610	27090230	26893240	27169694	1.19	cps
Krypton	83-1	390	467	370	409	12.48	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	965773	976081	970936	970930	0.53	cps
Lead	207-1	863001	863814	862631	863149	0.07	cps
Lead	208-1	3987639	4001802	3994274	3994572	0.18	cps
Lithium	6-1	1674277	1623010	1621928	1639738	1.82	cps
Magnesium	24-2	7711777	7575466	7562752	7616665	1.08	cps
Manganese	55-2	10238360	10004843	10056862	10100022	1.21	cps
Molybdenum	94-1	118948	115702	116149	116933	1.50	cps
Molybdenum	95-1	6775	6548	6395	6573	2.91	cps
Molybdenum	96-1	31494	31323	30448	31089	1.80	cps
Molybdenum	97-1	3751	4164	4064	3993	5.40	cps
Molybdenum	98-1	10741	10070	10347	10386	3.24	cps
Neodymium	150-1	228538	226571	226632	227247	0.49	cps
Neodymium	150-2	144252	141380	141761	142464	1.09	cps
Nickel	60-2	1011152	1005195	996672	1004340	0.72	cps
Phosphorus	31-2	43488	42506	42963	42986	1.14	cps
Potassium	39-2	5982073	5947939	5853392	5927801	1.12	cps
Rhodium	103-1	11952549	11632773	11585613	11723645	1.70	cps
Rhodium	103-2	7141271	7099918	6993331	7078173	1.08	cps
Scandium	45-1	7308413	7222451	7114473	7215113	1.35	cps
Scandium	45-2	617240	612000	606037	611759	0.92	cps
Selenium	82-1	16831	16533	16606	16657	0.93	cps
Selenium	77-2	2090	2210	1900	2067	7.56	cps
Selenium	78-2	6638	6555	6582	6592	0.65	cps
Silicon	28-1	9380648	9539219	9145712	9355193	2.12	cps
Silver	107-1	732918	739933	737822	736891	0.49	cps
Silver	109-1	697721	699579	692487	696596	0.53	cps
Sodium	23-2	123174	120527	120534	121412	1.26	cps
Strontium	86-1	282071	281442	276146	279886	1.16	cps
Strontium	88-1	2552568	2497412	2483857	2511279	1.45	cps
Sulfur	34-1	191102	188352	190039	189831	0.73	cps
Terbium	159-1	16159880	16127640	15881624	16056381	0.95	cps
Terbium	159-2	11431249	11324465	11186585	11314100	1.08	cps
Thallium	203-1	517597	512283	515307	515062	0.52	cps
Thallium	205-1	1220399	1218105	1211328	1216610	0.39	cps
Tin	118-1	10711	10591	10647	10650	0.56	cps
Titanium	47-1	960280	955816	943458	953185	0.91	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:23:23	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42662	42712	41571	42315	1.52	cps
Vanadium	51-2	2850356	2808188	2835982	2831509	0.76	cps
Yttrium	89-1	16872325	16475143	16219642	16522370	1.99	cps
Yttrium	89-2	4462689	4488658	4411289	4454212	0.88	cps
Zinc	66-2	860282	852933	848350	853855	0.70	cps
Zirconium	90-1	316884	313745	309796	313475	1.13	cps
Zirconium	91-1	68974	69450	69383	69269	0.37	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12603514	12703224	12670650	12659129	0.40	cps
Antimony	121-1	4473358	4458621	4494197	4475392	0.40	cps
Arsenic	75-2	173642	170723	170510	171625	1.02	cps
Barium	135-1	21884036	22302799	22305286	22164040	1.09	cps
Barium	137-1	38363398	38301228	38346624	38337083	0.08	cps
Beryllium	9-1	215848	216847	216629	216441	0.24	cps
Bismuth	209-1	10048263	9619681	9546818	9738254	2.78	cps
Bismuth	209-2	8216889	8252769	8402179	8290613	1.19	cps
Bromine	81-1	13863	13670	13760	13764	0.70	cps
Bromine	81-2	670	540	553	588	12.17	cps
Cadmium	108-1	36887	37348	38073	37436	1.60	cps
Cadmium	106-1	55663	55757	55271	55563	0.46	cps
Cadmium	111-1	564455	574343	570310	569703	0.87	cps
Calcium	43-1	510912	517810	515236	514653	0.68	cps
Calcium	44-1	8111365	7988766	7988915	8029682	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3494433	3442940	3429076	3455483	1.00	cps
Cobalt	59-2	13113293	13037200	13039290	13063261	0.33	cps
Copper	63-2	5412609	5349726	5419979	5394104	0.72	cps
Dysprosium	156-1	128293	130452	129117	129287	0.84	cps
Dysprosium	156-2	114660	116131	115873	115555	0.68	cps
Erbium	164-1	107294	107623	108137	107685	0.39	cps
Erbium	164-2	80544	79752	79904	80067	0.52	cps
Gadolinium	160-1	124124	125567	125048	124913	0.59	cps
Gadolinium	160-2	96758	97043	96757	96853	0.17	cps
Holmium	165-1	16382609	15615856	15527519	15841994	2.97	cps
Holmium	165-2	11653688	11640039	11726928	11673552	0.40	cps
Indium	115-1	13254426	12648577	12547021	12816675	2.98	cps
Indium	115-2	4672483	4620478	4632374	4641779	0.59	cps
Iron	56-2	492840979	493764873	482573539	489726464	1.27	cps
Iron	57-2	12252832	12129593	12059501	12147308	0.81	cps
Iron	54-2	26962337	26520350	26353025	26611904	1.18	cps
Krypton	83-1	370	360	353	361	2.32	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1454578	1475145	1486582	1472102	1.10	cps
Lead	207-1	1263034	1272325	1285732	1273697	0.90	cps
Lead	208-1	5970928	6038782	6047542	6019084	0.70	cps
Lithium	6-1	1667141	1627542	1608321	1634335	1.84	cps
Magnesium	24-2	7416889	7455043	7356080	7409338	0.67	cps
Manganese	55-2	14405682	14258372	14024994	14229683	1.35	cps
Molybdenum	94-1	112491	113979	113183	113218	0.66	cps
Molybdenum	95-1	6542	6688	6311	6514	2.92	cps
Molybdenum	96-1	29914	29981	30448	30114	0.97	cps
Molybdenum	97-1	3791	3837	3817	3815	0.61	cps
Molybdenum	98-1	10627	10234	10050	10304	2.86	cps
Neodymium	150-1	219459	223517	222498	221825	0.95	cps
Neodymium	150-2	139422	137543	138744	138570	0.69	cps
Nickel	60-2	3364668	3395262	3357706	3372545	0.59	cps
Phosphorus	31-2	41693	40905	40524	41040	1.45	cps
Potassium	39-2	5760088	5705708	5663692	5709829	0.85	cps
Rhodium	103-1	12015061	11414584	11442937	11624194	2.91	cps
Rhodium	103-2	6966681	6954733	6979050	6966821	0.17	cps
Scandium	45-1	7409818	6952794	6815232	7059281	4.41	cps
Scandium	45-2	594352	595282	592305	593979	0.26	cps
Selenium	82-1	74676	75227	75432	75112	0.52	cps
Selenium	77-2	8619	8426	8276	8440	2.04	cps
Selenium	78-2	27943	27472	27686	27700	0.85	cps
Silicon	28-1	9108182	9360957	9232570	9233903	1.37	cps
Silver	107-1	1418739	1745882	1919355	1694659	15.00	cps
Silver	109-1	1464079	1744783	1638087	1615650	8.77	cps
Sodium	23-2	121124	119899	117806	119610	1.40	cps
Strontium	86-1	268005	273635	269114	270252	1.10	cps
Strontium	88-1	2385590	2434556	2360326	2393491	1.58	cps
Sulfur	34-1	182407	179099	180793	180766	0.92	cps
Terbium	159-1	16739414	15883727	15974082	16199074	2.90	cps
Terbium	159-2	11367802	11344481	11260041	11324108	0.50	cps
Thallium	203-1	2122507	2180993	2156624	2153375	1.36	cps
Thallium	205-1	5092798	5130245	5177855	5133633	0.83	cps
Tin	118-1	10294	10611	10501	10468	1.54	cps
Titanium	47-1	912622	927142	917414	919060	0.80	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:26:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41689	41766	42043	41832	0.45	cps
Vanadium	51-2	7729970	7741399	7666674	7712681	0.52	cps
Yttrium	89-1	16744811	16292675	15966162	16334549	2.39	cps
Yttrium	89-2	4356530	4323388	4380396	4353438	0.66	cps
Zinc	66-2	2028560	1976539	2017878	2007659	1.37	cps
Zirconium	90-1	300400	301083	301198	300894	0.14	cps
Zirconium	91-1	66376	67547	67789	67237	1.12	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26277253	26294900	26426546	26332900	0.31	cps
Antimony	121-1	8586	8923	8873	8794	2.07	cps
Arsenic	75-2	65433	64560	64519	64837	0.80	cps
Barium	135-1	246183	248218	248197	247533	0.47	cps
Barium	137-1	426823	430603	430787	429404	0.52	cps
Beryllium	9-1	807	877	947	877	7.99	cps
Bismuth	209-1	9165522	9256948	9265398	9229289	0.60	cps
Bismuth	209-2	7972619	8020466	7916656	7969914	0.65	cps
Bromine	81-1	14167	14020	13977	14055	0.71	cps
Bromine	81-2	327	353	363	348	5.45	cps
Cadmium	108-1	203	210	207	207	1.61	cps
Cadmium	106-1	3991	3837	3767	3865	2.96	cps
Cadmium	111-1	4169	4203	4063	4145	1.76	cps
Calcium	43-1	486921	492443	492281	490548	0.64	cps
Calcium	44-1	7554592	7635181	7590469	7593414	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1360232	1346127	1336853	1347737	0.87	cps
Cobalt	59-2	1189822	1186537	1196559	1190973	0.43	cps
Copper	63-2	2366284	2348720	2360447	2358484	0.38	cps
Dysprosium	156-1	40301	39997	40732	40343	0.92	cps
Dysprosium	156-2	32210	31766	32805	32260	1.62	cps
Erbium	164-1	58395	58933	59101	58810	0.63	cps
Erbium	164-2	44036	43370	43735	43714	0.76	cps
Gadolinium	160-1	44554	45066	45136	44918	0.71	cps
Gadolinium	160-2	35455	35174	35044	35224	0.60	cps
Holmium	165-1	15533771	15506054	15480834	15506886	0.17	cps
Holmium	165-2	11514128	11614476	11408290	11512298	0.90	cps
Indium	115-1	12355819	12435335	12412400	12401185	0.33	cps
Indium	115-2	4710472	4708642	4670086	4696400	0.49	cps
Iron	56-2	1075277451	1070091877	1084187291	1076518873	0.66	cps
Iron	57-2	26522300	26523128	26520245	26521891	0.01	cps
Iron	54-2	58110477	58038734	58858202	58335805	0.78	cps
Krypton	83-1	323	303	333	320	4.77	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	28597	29499	29946	29347	2.34	cps
Lead	207-1	24679	24919	24893	24831	0.53	cps
Lead	208-1	112350	114972	115069	114130	1.35	cps
Lithium	6-1	1601111	1586347	1584279	1590579	0.58	cps
Magnesium	24-2	29483748	29113283	29388299	29328443	0.66	cps
Manganese	55-2	18100599	18192439	18281463	18191501	0.50	cps
Molybdenum	94-1	18999	19607	19677	19427	1.92	cps
Molybdenum	95-1	4717	5041	5068	4942	3.94	cps
Molybdenum	96-1	18292	18969	18655	18639	1.82	cps
Molybdenum	97-1	2847	3014	3040	2967	3.53	cps
Molybdenum	98-1	6982	7275	7245	7167	2.25	cps
Neodymium	150-1	40217	40906	40000	40374	1.17	cps
Neodymium	150-2	25583	25590	26037	25737	1.01	cps
Nickel	60-2	378312	375697	377601	377203	0.36	cps
Phosphorus	31-2	14650	14454	14647	14584	0.77	cps
Potassium	39-2	707865	707046	712690	709201	0.43	cps
Rhodium	103-1	11199851	11381196	11382704	11321250	0.93	cps
Rhodium	103-2	6987296	6996595	7030439	7004777	0.32	cps
Scandium	45-1	7334395	7431232	7527199	7430942	1.30	cps
Scandium	45-2	664138	665350	671737	667075	0.61	cps
Selenium	82-1	369	404	301	358	14.60	cps
Selenium	77-2	63	90	100	84	22.45	cps
Selenium	78-2	597	570	580	582	2.31	cps
Silicon	28-1	26492445	26971849	27002020	26822105	1.07	cps
Silver	107-1	2981	2767	2547	2765	7.85	cps
Silver	109-1	2707	2477	2307	2497	8.04	cps
Sodium	23-2	404864	401639	405285	403930	0.49	cps
Strontium	86-1	308081	312997	313722	311600	0.98	cps
Strontium	88-1	2777907	2826957	2857906	2820923	1.43	cps
Sulfur	34-1	153091	155532	155755	154792	0.95	cps
Terbium	159-1	15601790	15852895	15871522	15775402	0.95	cps
Terbium	159-2	11294028	11226543	11293783	11271451	0.35	cps
Thallium	203-1	2290	2137	1920	2116	8.79	cps
Thallium	205-1	4901	4788	4721	4803	1.90	cps
Tin	118-1	7085	6838	7065	6996	1.96	cps
Titanium	47-1	5283360	5335811	5344198	5321123	0.62	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-01	Instrumnet Name :	P7
Client Sample ID :	MYCZB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:29:17	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7215	7149	7122	7162	0.67	cps
Vanadium	51-2	2636437	2664290	2680847	2660525	0.84	cps
Yttrium	89-1	15589211	15633797	15718323	15647110	0.42	cps
Yttrium	89-2	4282780	4347483	4379402	4336555	1.14	cps
Zinc	66-2	250335	250989	250832	250719	0.14	cps
Zirconium	90-1	43872	44838	45296	44669	1.63	cps
Zirconium	91-1	10237	10147	9857	10080	1.97	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25695926	25825775	25577179	25699627	0.48	cps
Antimony	121-1	27379	27683	27860	27641	0.88	cps
Arsenic	75-2	216804	215988	215867	216219	0.24	cps
Barium	135-1	675456	679423	679636	678172	0.35	cps
Barium	137-1	1180205	1177356	1171260	1176273	0.39	cps
Beryllium	9-1	1273	1333	1390	1332	4.38	cps
Bismuth	209-1	9518264	9576413	9490792	9528490	0.46	cps
Bismuth	209-2	8322407	8257556	8134766	8238243	1.16	cps
Bromine	81-1	15628	15632	15628	15629	0.01	cps
Bromine	81-2	607	703	680	663	7.60	cps
Cadmium	108-1	2104	2140	2184	2142	1.87	cps
Cadmium	106-1	7265	6788	6915	6990	3.53	cps
Cadmium	111-1	31827	30871	31476	31391	1.54	cps
Calcium	43-1	435447	434299	435219	434988	0.14	cps
Calcium	44-1	6781989	6765320	6762496	6769935	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1648069	1604976	1651921	1634989	1.59	cps
Cobalt	59-2	1063719	1057732	1048805	1056752	0.71	cps
Copper	63-2	8228850	8188444	8131850	8183048	0.60	cps
Dysprosium	156-1	71383	71933	72365	71894	0.68	cps
Dysprosium	156-2	58581	59458	59027	59022	0.74	cps
Erbium	164-1	83085	85613	85818	84839	1.79	cps
Erbium	164-2	63634	62613	64039	63429	1.16	cps
Gadolinium	160-1	75415	76990	76082	76162	1.04	cps
Gadolinium	160-2	59549	59100	58491	59047	0.90	cps
Holmium	165-1	15681681	15676782	15772879	15710447	0.34	cps
Holmium	165-2	11711354	11583632	11593125	11629370	0.61	cps
Indium	115-1	12621467	12679580	12480117	12593721	0.81	cps
Indium	115-2	4759037	4733049	4665363	4719149	1.02	cps
Iron	56-2	1008845025	1000746945	1003284678	1004292216	0.41	cps
Iron	57-2	25006120	24991905	24918914	24972313	0.19	cps
Iron	54-2	54978414	54789243	54785069	54850909	0.20	cps
Krypton	83-1	373	410	317	367	12.82	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3647219	3720999	3674918	3681046	1.01	cps
Lead	207-1	3291128	3282145	3349643	3307639	1.11	cps
Lead	208-1	14716931	14881326	14804731	14800996	0.56	cps
Lithium	6-1	1586808	1619271	1612778	1606286	1.07	cps
Magnesium	24-2	26452370	26565413	26344857	26454213	0.42	cps
Manganese	55-2	16802759	16847349	16799711	16816606	0.16	cps
Molybdenum	94-1	69262	69149	68894	69102	0.27	cps
Molybdenum	95-1	10801	11131	10881	10938	1.58	cps
Molybdenum	96-1	32453	32252	32426	32377	0.34	cps
Molybdenum	97-1	6625	6742	6732	6699	0.97	cps
Molybdenum	98-1	16780	16650	17053	16828	1.22	cps
Neodymium	150-1	91417	92155	92762	92111	0.73	cps
Neodymium	150-2	57862	57604	57824	57763	0.24	cps
Nickel	60-2	397412	392811	392812	394345	0.67	cps
Phosphorus	31-2	20948	21519	21432	21299	1.44	cps
Potassium	39-2	3094687	3094201	3099357	3096081	0.09	cps
Rhodium	103-1	11636616	11482466	11529188	11549423	0.68	cps
Rhodium	103-2	7005648	6965909	7031369	7000975	0.47	cps
Scandium	45-1	7869015	7812258	7794909	7825394	0.50	cps
Scandium	45-2	683420	683866	679594	682293	0.34	cps
Selenium	82-1	918	879	829	876	5.10	cps
Selenium	77-2	227	237	200	221	8.57	cps
Selenium	78-2	813	793	813	807	1.43	cps
Silicon	28-1	22994551	23545353	23151485	23230463	1.22	cps
Silver	107-1	41868	42364	41758	41997	0.77	cps
Silver	109-1	39510	39183	39360	39351	0.42	cps
Sodium	23-2	122543	121222	120880	121548	0.72	cps
Strontium	86-1	261968	262852	259925	261581	0.57	cps
Strontium	88-1	2363480	2382419	2334845	2360248	1.01	cps
Sulfur	34-1	176948	177720	175885	176851	0.52	cps
Terbium	159-1	15981255	15847994	16029587	15952945	0.59	cps
Terbium	159-2	11517681	11404643	11137483	11353269	1.72	cps
Thallium	203-1	4431	4311	4594	4445	3.20	cps
Thallium	205-1	10568	10531	10451	10516	0.57	cps
Tin	118-1	23109	23105	22845	23020	0.66	cps
Titanium	47-1	2252584	2264372	2239422	2252126	0.55	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-02	Instrumnet Name :	P7
Client Sample ID :	MYCZC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:32:23	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26476	26997	26490	26655	1.11	cps
Vanadium	51-2	2454093	2499822	2446708	2466874	1.17	cps
Yttrium	89-1	16437339	16277416	16043075	16252610	1.22	cps
Yttrium	89-2	4477605	4469144	4459901	4468883	0.20	cps
Zinc	66-2	803405	804545	803900	803950	0.07	cps
Zirconium	90-1	170085	172146	169873	170701	0.74	cps
Zirconium	91-1	39032	38998	37799	38610	1.82	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19808171	19960121	19755128	19841140	0.54	cps
Antimony	121-1	7699	7766	7776	7747	0.54	cps
Arsenic	75-2	81023	80185	80848	80685	0.55	cps
Barium	135-1	436153	437517	435317	436329	0.25	cps
Barium	137-1	759505	759945	760496	759982	0.07	cps
Beryllium	9-1	1253	1027	1173	1151	9.99	cps
Bismuth	209-1	9525028	9421509	9298052	9414863	1.21	cps
Bismuth	209-2	8141384	8067501	8039676	8082853	0.65	cps
Bromine	81-1	15108	15565	14854	15176	2.37	cps
Bromine	81-2	530	470	477	492	6.68	cps
Cadmium	108-1	447	420	437	434	3.10	cps
Cadmium	106-1	4761	4317	4197	4425	6.71	cps
Cadmium	111-1	6210	5961	5919	6030	2.61	cps
Calcium	43-1	533740	534915	530984	533213	0.38	cps
Calcium	44-1	8299882	8382862	8229168	8303971	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1002928	1000357	1003197	1002161	0.16	cps
Cobalt	59-2	1007225	1007819	1003950	1006331	0.21	cps
Copper	63-2	2324257	2353163	2365462	2347627	0.90	cps
Dysprosium	156-1	62046	62006	61417	61823	0.57	cps
Dysprosium	156-2	52002	51691	51434	51709	0.55	cps
Erbium	164-1	71887	72078	71378	71781	0.50	cps
Erbium	164-2	52886	52970	52655	52837	0.31	cps
Gadolinium	160-1	65981	64919	65505	65469	0.81	cps
Gadolinium	160-2	50424	50046	50066	50178	0.42	cps
Holmium	165-1	16046337	15984725	15573727	15868263	1.62	cps
Holmium	165-2	11498554	11508943	11686667	11564721	0.91	cps
Indium	115-1	12890327	12548866	12882026	12773740	1.52	cps
Indium	115-2	4753457	4764132	4759491	4759027	0.11	cps
Iron	56-2	836798761	828628788	831760894	832396148	0.50	cps
Iron	57-2	20460815	20528269	20485089	20491391	0.17	cps
Iron	54-2	45218299	44877528	44810999	44968942	0.49	cps
Krypton	83-1	300	357	380	346	11.91	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	367806	369909	367417	368377	0.36	cps
Lead	207-1	318696	319282	316321	318100	0.49	cps
Lead	208-1	1443573	1455895	1442415	1447294	0.52	cps
Lithium	6-1	1659063	1630681	1640796	1643513	0.88	cps
Magnesium	24-2	20356158	20463996	20147442	20322532	0.79	cps
Manganese	55-2	15550252	15306134	15449466	15435284	0.79	cps
Molybdenum	94-1	49065	49400	47871	48779	1.65	cps
Molybdenum	95-1	5154	5178	5241	5191	0.86	cps
Molybdenum	96-1	21536	22257	21232	21675	2.43	cps
Molybdenum	97-1	3157	3140	3187	3161	0.75	cps
Molybdenum	98-1	8086	7705	8122	7971	2.90	cps
Neodymium	150-1	84085	83894	83378	83786	0.44	cps
Neodymium	150-2	51922	52337	53009	52422	1.05	cps
Nickel	60-2	305507	302712	302469	303563	0.56	cps
Phosphorus	31-2	18358	18578	18615	18517	0.75	cps
Potassium	39-2	1565792	1550946	1576706	1564481	0.83	cps
Rhodium	103-1	11812592	11704848	11713516	11743652	0.51	cps
Rhodium	103-2	7129832	7046704	7157395	7111310	0.81	cps
Scandium	45-1	7677570	7661706	7641133	7660136	0.24	cps
Scandium	45-2	657845	657177	662217	659079	0.42	cps
Selenium	82-1	524	406	458	462	12.84	cps
Selenium	77-2	183	200	207	197	6.11	cps
Selenium	78-2	670	550	633	618	9.95	cps
Silicon	28-1	27372140	27205318	27376768	27318075	0.36	cps
Silver	107-1	6636	6735	6599	6657	1.05	cps
Silver	109-1	6121	6378	5928	6142	3.68	cps
Sodium	23-2	212103	210519	208876	210499	0.77	cps
Strontium	86-1	344265	346280	345614	345386	0.30	cps
Strontium	88-1	3152157	3141957	3055499	3116538	1.70	cps
Sulfur	34-1	166796	169121	168683	168200	0.73	cps
Terbium	159-1	16233449	15928811	16157646	16106635	0.98	cps
Terbium	159-2	11600543	11196763	11342209	11379838	1.80	cps
Thallium	203-1	2460	2430	2087	2326	8.92	cps
Thallium	205-1	5581	5374	5154	5370	3.98	cps
Tin	118-1	9030	8829	9106	8988	1.59	cps
Titanium	47-1	3674882	3679812	3622276	3658990	0.87	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-03	Instrumnet Name :	P7
Client Sample ID :	MYCZC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:35:23	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21421	21237	21384	21347	0.45	cps
Vanadium	51-2	1980921	1967632	1952936	1967163	0.71	cps
Yttrium	89-1	16427346	16504976	16301087	16411136	0.63	cps
Yttrium	89-2	4413359	4327333	4453380	4398024	1.46	cps
Zinc	66-2	249598	249064	248890	249184	0.15	cps
Zirconium	90-1	123050	124351	123766	123722	0.53	cps
Zirconium	91-1	27730	28150	27539	27806	1.12	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19725945	20021074	19803990	19850336	0.77	cps
Antimony	121-1	6422	6528	6718	6556	2.29	cps
Arsenic	75-2	74452	74639	73859	74317	0.55	cps
Barium	135-1	466239	466248	463731	465406	0.31	cps
Barium	137-1	805155	804629	810427	806737	0.40	cps
Beryllium	9-1	1263	1230	1283	1259	2.14	cps
Bismuth	209-1	9324754	9157654	9207187	9229865	0.93	cps
Bismuth	209-2	7929892	8087439	7838861	7952064	1.58	cps
Bromine	81-1	15178	15358	15335	15290	0.64	cps
Bromine	81-2	510	510	497	506	1.52	cps
Cadmium	108-1	353	427	330	370	13.63	cps
Cadmium	106-1	4547	4331	4377	4418	2.58	cps
Cadmium	111-1	5845	5785	5823	5817	0.52	cps
Calcium	43-1	526402	524874	525559	525612	0.15	cps
Calcium	44-1	8217119	8170624	8149836	8179193	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	914240	905382	911066	910229	0.49	cps
Cobalt	59-2	1012613	1009409	1010325	1010782	0.16	cps
Copper	63-2	2254696	2263025	2264396	2260706	0.23	cps
Dysprosium	156-1	63131	63750	62980	63287	0.64	cps
Dysprosium	156-2	53194	52093	52879	52722	1.08	cps
Erbium	164-1	75013	75325	74896	75078	0.30	cps
Erbium	164-2	55804	55449	55506	55587	0.34	cps
Gadolinium	160-1	66175	66316	66024	66172	0.22	cps
Gadolinium	160-2	52053	51411	50159	51208	1.88	cps
Holmium	165-1	15618964	15521171	15319160	15486431	0.99	cps
Holmium	165-2	11507875	11493159	11556886	11519307	0.29	cps
Indium	115-1	12686101	12525119	12530843	12580687	0.73	cps
Indium	115-2	4677243	4740843	4713966	4710684	0.68	cps
Iron	56-2	846641134	844872254	838647988	843387125	0.50	cps
Iron	57-2	21055468	20775883	20764367	20865240	0.79	cps
Iron	54-2	45929309	45912499	45517388	45786399	0.51	cps
Krypton	83-1	360	327	290	326	10.75	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	289141	291651	290476	290423	0.43	cps
Lead	207-1	250079	250592	252514	251061	0.51	cps
Lead	208-1	1136097	1140551	1142920	1139856	0.30	cps
Lithium	6-1	1660284	1658045	1604057	1640796	1.94	cps
Magnesium	24-2	19717870	19851865	19452080	19673938	1.03	cps
Manganese	55-2	15467404	15318887	15198181	15328157	0.88	cps
Molybdenum	94-1	48226	49406	48911	48848	1.21	cps
Molybdenum	95-1	6512	6675	6608	6598	1.25	cps
Molybdenum	96-1	23486	23209	22891	23195	1.28	cps
Molybdenum	97-1	3984	4067	4031	4027	1.04	cps
Molybdenum	98-1	10277	9960	10337	10191	1.99	cps
Neodymium	150-1	80964	81903	81276	81381	0.59	cps
Neodymium	150-2	50734	51691	51798	51408	1.14	cps
Nickel	60-2	281291	277101	278006	278799	0.79	cps
Phosphorus	31-2	18017	17717	18027	17921	0.98	cps
Potassium	39-2	1612624	1580284	1603161	1598690	1.04	cps
Rhodium	103-1	11688374	11450657	11471272	11536767	1.14	cps
Rhodium	103-2	7073951	7087759	7046546	7069419	0.30	cps
Scandium	45-1	7578925	7612937	7559614	7583825	0.36	cps
Scandium	45-2	653618	650999	652898	652505	0.21	cps
Selenium	82-1	445	376	522	448	16.24	cps
Selenium	77-2	140	147	187	158	16.00	cps
Selenium	78-2	690	627	573	630	9.27	cps
Silicon	28-1	22808612	23045615	22840221	22898149	0.56	cps
Silver	107-1	5235	5510	5498	5415	2.87	cps
Silver	109-1	4784	5138	4778	4900	4.20	cps
Sodium	23-2	196551	193358	196017	195309	0.88	cps
Strontium	86-1	349120	350273	349874	349756	0.17	cps
Strontium	88-1	3113021	3143887	3110353	3122420	0.60	cps
Sulfur	34-1	170256	169653	170196	170035	0.20	cps
Terbium	159-1	16003674	16000839	16038938	16014484	0.13	cps
Terbium	159-2	11386804	11299003	11198641	11294816	0.83	cps
Thallium	203-1	2347	2330	2330	2336	0.41	cps
Thallium	205-1	5581	5871	5891	5781	3.00	cps
Tin	118-1	8342	8793	8342	8493	3.06	cps
Titanium	47-1	3871052	3902717	3888493	3887420	0.41	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-04	Instrumnet Name :	P7
Client Sample ID :	MYCZC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:38:29	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20987	20760	21281	21009	1.24	cps
Vanadium	51-2	2051192	2028789	2033595	2037859	0.58	cps
Yttrium	89-1	16403089	16044787	16037419	16161765	1.29	cps
Yttrium	89-2	4395443	4316998	4330349	4347597	0.97	cps
Zinc	66-2	243893	243642	243412	243649	0.10	cps
Zirconium	90-1	122868	123128	120761	122252	1.06	cps
Zirconium	91-1	27649	27032	26688	27123	1.80	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22850119	23050059	22762500	22887559	0.64	cps
Antimony	121-1	6798	7275	6975	7016	3.44	cps
Arsenic	75-2	81247	82216	81381	81615	0.64	cps
Barium	135-1	498835	495012	500615	498154	0.57	cps
Barium	137-1	862817	867913	862399	864376	0.36	cps
Beryllium	9-1	1260	1267	1227	1251	1.71	cps
Bismuth	209-1	9157967	9144605	9171120	9157897	0.14	cps
Bismuth	209-2	7972702	7893929	7869995	7912209	0.68	cps
Bromine	81-1	15338	15031	15328	15232	1.14	cps
Bromine	81-2	527	543	573	548	4.32	cps
Cadmium	108-1	423	433	430	429	1.19	cps
Cadmium	106-1	4537	4474	4307	4440	2.68	cps
Cadmium	111-1	6321	6284	6199	6268	0.99	cps
Calcium	43-1	589928	586882	588349	588386	0.26	cps
Calcium	44-1	9120250	9244632	9100893	9155259	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1078934	1072578	1078247	1076587	0.32	cps
Cobalt	59-2	1201985	1202510	1192999	1199164	0.45	cps
Copper	63-2	2644545	2654146	2629073	2642588	0.48	cps
Dysprosium	156-1	68228	67819	69337	68461	1.15	cps
Dysprosium	156-2	57383	56885	56958	57075	0.47	cps
Erbium	164-1	81687	81067	81546	81433	0.40	cps
Erbium	164-2	61337	61320	60674	61111	0.62	cps
Gadolinium	160-1	72315	72409	72680	72468	0.26	cps
Gadolinium	160-2	55861	55262	55988	55703	0.70	cps
Holmium	165-1	15414418	15611529	15344952	15456966	0.89	cps
Holmium	165-2	11468282	11490376	11346107	11434921	0.68	cps
Indium	115-1	12578117	12563420	12405779	12515772	0.76	cps
Indium	115-2	4695618	4678588	4600348	4658184	1.09	cps
Iron	56-2	974238705	960374412	960358786	964990635	0.83	cps
Iron	57-2	23845244	24145038	23765293	23918525	0.84	cps
Iron	54-2	52991066	52522991	52317374	52610477	0.66	cps
Krypton	83-1	330	370	373	358	6.74	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	309862	308063	309331	309086	0.30	cps
Lead	207-1	264687	266442	264662	265264	0.38	cps
Lead	208-1	1208996	1211027	1212813	1210945	0.16	cps
Lithium	6-1	1619228	1614664	1620557	1618150	0.19	cps
Magnesium	24-2	23267295	23311098	23097372	23225255	0.49	cps
Manganese	55-2	17976860	17709866	17727773	17804833	0.84	cps
Molybdenum	94-1	52166	51243	52112	51840	1.00	cps
Molybdenum	95-1	7489	7475	7415	7460	0.52	cps
Molybdenum	96-1	26621	25833	25446	25967	2.31	cps
Molybdenum	97-1	4601	4778	4641	4673	1.98	cps
Molybdenum	98-1	11485	11158	11578	11407	1.93	cps
Neodymium	150-1	85892	86238	86812	86314	0.54	cps
Neodymium	150-2	55542	53742	53621	54302	1.98	cps
Nickel	60-2	328966	327992	324390	327116	0.74	cps
Phosphorus	31-2	19533	19719	19976	19743	1.13	cps
Potassium	39-2	1602658	1597111	1590791	1596853	0.37	cps
Rhodium	103-1	11505467	11460973	11454464	11473635	0.24	cps
Rhodium	103-2	6988647	6922345	6927906	6946299	0.53	cps
Scandium	45-1	7549033	7627722	7547380	7574712	0.61	cps
Scandium	45-2	659543	658510	658642	658898	0.09	cps
Selenium	82-1	410	412	346	389	9.68	cps
Selenium	77-2	213	177	177	189	11.21	cps
Selenium	78-2	693	653	620	656	5.60	cps
Silicon	28-1	19158937	19397593	19504236	19353589	0.91	cps
Silver	107-1	5993	5714	5813	5840	2.42	cps
Silver	109-1	5314	5394	5101	5270	2.88	cps
Sodium	23-2	220086	218795	217700	218860	0.55	cps
Strontium	86-1	388482	390973	387818	389091	0.43	cps
Strontium	88-1	3475495	3492991	3454845	3474444	0.55	cps
Sulfur	34-1	171807	172076	174022	172635	0.70	cps
Terbium	159-1	15913883	15835526	15878263	15875891	0.25	cps
Terbium	159-2	11248794	11169536	11222525	11213618	0.36	cps
Thallium	203-1	2627	2567	2484	2559	2.81	cps
Thallium	205-1	6198	5895	5658	5917	4.58	cps
Tin	118-1	10057	9927	9767	9917	1.47	cps
Titanium	47-1	4324697	4410711	4317372	4350927	1.19	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-05	Instrumnet Name :	P7
Client Sample ID :	MYCZC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:41:32	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21905	22489	22306	22233	1.34	cps
Vanadium	51-2	2311001	2335866	2301536	2316134	0.77	cps
Yttrium	89-1	16240411	16340782	16154679	16245290	0.57	cps
Yttrium	89-2	4395410	4378864	4343717	4372664	0.60	cps
Zinc	66-2	279216	279341	277585	278714	0.35	cps
Zirconium	90-1	127463	128553	129236	128417	0.70	cps
Zirconium	91-1	28658	28792	28959	28803	0.52	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14933444	14720145	14831663	14828417	0.72	cps
Antimony	121-1	6569546	6547504	6548615	6555222	0.19	cps
Arsenic	75-2	330761	323752	326259	326924	1.09	cps
Barium	135-1	8244285	8344388	8355387	8314686	0.74	cps
Barium	137-1	14236076	14261374	14400796	14299415	0.62	cps
Beryllium	9-1	659902	670483	669938	666774	0.89	cps
Bismuth	209-1	8343718	8367839	8504928	8405495	1.03	cps
Bismuth	209-2	7267155	7363764	7219828	7283582	1.01	cps
Bromine	81-1	13736	13486	13056	13426	2.56	cps
Bromine	81-2	180	153	160	164	8.44	cps
Cadmium	108-1	117189	120041	119087	118772	1.22	cps
Cadmium	106-1	168279	167130	169300	168236	0.65	cps
Cadmium	111-1	1612002	1685784	1622546	1640111	2.43	cps
Calcium	43-1	8375203	8508811	8536880	8473631	1.02	cps
Calcium	44-1	136555485	137165928	137208191	136976535	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2605935	2550961	2573347	2576748	1.07	cps
Cobalt	59-2	4024874	3959330	3975605	3986603	0.86	cps
Copper	63-2	28249985	28018106	27788300	28018797	0.82	cps
Dysprosium	156-1	403	347	287	346	16.88	cps
Dysprosium	156-2	570	557	580	569	2.06	cps
Erbium	164-1	290	313	317	307	4.74	cps
Erbium	164-2	247	273	180	233	20.60	cps
Gadolinium	160-1	327	353	300	327	8.16	cps
Gadolinium	160-2	860	733	730	774	9.57	cps
Holmium	165-1	14833854	14741151	14656587	14743864	0.60	cps
Holmium	165-2	10920640	10946757	10858628	10908675	0.41	cps
Indium	115-1	11472079	11581729	11459209	11504339	0.59	cps
Indium	115-2	4321333	4255540	4270269	4282381	0.81	cps
Iron	56-2	605337524	594817738	596371631	598842298	0.95	cps
Iron	57-2	15108544	14878795	14919108	14968815	0.82	cps
Iron	54-2	32874973	32576420	32565934	32672442	0.54	cps
Krypton	83-1	200	230	197	209	8.79	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24884648	24719520	25007390	24870519	0.58	cps
Lead	207-1	21538872	21778660	22009423	21775652	1.08	cps
Lead	208-1	98154814	99224600	100292016	99223810	1.08	cps
Lithium	6-1	1501385	1514252	1534031	1516556	1.08	cps
Magnesium	24-2	114910718	113892148	113967242	114256703	0.50	cps
Manganese	55-2	20576609	20324845	20337954	20413136	0.69	cps
Molybdenum	94-1	22559278	22791145	22842140	22730854	0.66	cps
Molybdenum	95-1	32986527	32991645	33089686	33022619	0.18	cps
Molybdenum	96-1	35895704	36374344	36360885	36210311	0.75	cps
Molybdenum	97-1	20357034	20546905	20629556	20511165	0.68	cps
Molybdenum	98-1	52196768	53058748	52773811	52676442	0.83	cps
Neodymium	150-1	533	483	590	536	9.96	cps
Neodymium	150-2	173	147	177	166	9.93	cps
Nickel	60-2	958964	948196	947763	951641	0.67	cps
Phosphorus	31-2	135947	133681	133970	134533	0.92	cps
Potassium	39-2	73059167	72659129	72391597	72703298	0.46	cps
Rhodium	103-1	10249789	10260281	10329601	10279890	0.42	cps
Rhodium	103-2	6269091	6251178	6323937	6281402	0.60	cps
Scandium	45-1	6459641	6448009	6392626	6433426	0.56	cps
Scandium	45-2	554055	550993	551860	552303	0.29	cps
Selenium	82-1	96252	98059	97798	97369	1.00	cps
Selenium	77-2	9953	10130	9907	9997	1.18	cps
Selenium	78-2	34356	33394	33745	33832	1.44	cps
Silicon	28-1	3627650	3653235	3736186	3672357	1.55	cps
Silver	107-1	8137112	8207957	8255071	8200047	0.72	cps
Silver	109-1	7791076	7787546	7743083	7773901	0.34	cps
Sodium	23-2	184830064	182831204	182434704	183365324	0.70	cps
Strontium	86-1	2052286	2104709	2064701	2073898	1.32	cps
Strontium	88-1	18183580	18308772	18124398	18205583	0.52	cps
Sulfur	34-1	644456	645602	641211	643756	0.35	cps
Terbium	159-1	14934963	14960011	15102021	14998999	0.60	cps
Terbium	159-2	10763634	10756912	10637977	10719507	0.66	cps
Thallium	203-1	6219455	6342727	6287838	6283340	0.98	cps
Thallium	205-1	14773065	14882429	15034374	14896623	0.88	cps
Tin	118-1	5397492	5451377	5460050	5436306	0.62	cps
Titanium	47-1	7932706	7975663	7945797	7951388	0.28	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:44:38	DataFile Name :	095CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19349288	19660263	19671941	19560497	0.94	cps
Vanadium	51-2	2310606	2288554	2288774	2295978	0.55	cps
Yttrium	89-1	13934656	13884788	13965841	13928429	0.29	cps
Yttrium	89-2	3801545	3749460	3811799	3787601	0.88	cps
Zinc	66-2	4718696	4679488	4622302	4673495	1.04	cps
Zirconium	90-1	11130710	11178939	11280733	11196794	0.68	cps
Zirconium	91-1	2496694	2470048	2491648	2486130	0.57	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	337	383	357	6.74	cps
Antimony	121-1	623	723	690	679	7.50	cps
Arsenic	75-2	17	0	30	16	96.62	cps
Barium	135-1	133	100	103	112	16.36	cps
Barium	137-1	253	280	210	248	14.26	cps
Beryllium	9-1	63	87	67	72	17.48	cps
Bismuth	209-1	9353995	9488711	9519596	9454101	0.93	cps
Bismuth	209-2	8269565	8377662	8380826	8342684	0.76	cps
Bromine	81-1	13973	14120	14000	14031	0.56	cps
Bromine	81-2	147	190	157	164	13.80	cps
Cadmium	108-1	23	13	10	16	44.60	cps
Cadmium	106-1	3400	3320	2934	3218	7.76	cps
Cadmium	111-1	2401	2345	2080	2276	7.53	cps
Calcium	43-1	320	307	377	334	11.11	cps
Calcium	44-1	10721	10624	10544	10629	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1127	1013	1123	1088	5.93	cps
Cobalt	59-2	203	237	190	210	11.45	cps
Copper	63-2	5088	5108	4971	5055	1.46	cps
Dysprosium	156-1	17	3	13	11	62.48	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	63	70	73	69	7.39	cps
Erbium	164-2	57	27	37	40	38.18	cps
Gadolinium	160-1	40	53	83	59	37.69	cps
Gadolinium	160-2	643	647	667	652	1.93	cps
Holmium	165-1	15322382	15152016	15221462	15231953	0.56	cps
Holmium	165-2	11452097	11433492	11580982	11488857	0.70	cps
Indium	115-1	12783795	12651142	12693290	12709409	0.53	cps
Indium	115-2	4920718	4846572	4801045	4856112	1.24	cps
Iron	56-2	30291	31540	31733	31188	2.51	cps
Iron	57-2	1317	1327	1320	1321	0.39	cps
Iron	54-2	2870	3017	3260	3049	6.46	cps
Krypton	83-1	243	233	247	241	2.88	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	917	977	1047	980	6.64	cps
Lead	207-1	813	873	940	876	7.24	cps
Lead	208-1	3970	4054	4170	4065	2.47	cps
Lithium	6-1	1594854	1640774	1610828	1615485	1.44	cps
Magnesium	24-2	2540	2480	2814	2611	6.81	cps
Manganese	55-2	693	683	747	708	4.81	cps
Molybdenum	94-1	583	663	753	667	12.76	cps
Molybdenum	95-1	450	433	497	460	7.14	cps
Molybdenum	96-1	507	537	620	554	10.59	cps
Molybdenum	97-1	287	310	353	317	10.68	cps
Molybdenum	98-1	777	793	823	798	2.96	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	730	680	717	709	3.65	cps
Phosphorus	31-2	147	153	150	150	2.22	cps
Potassium	39-2	57170	56685	57020	56958	0.44	cps
Rhodium	103-1	12001639	11891474	12055783	11982966	0.70	cps
Rhodium	103-2	7369233	7402323	7353408	7374988	0.34	cps
Scandium	45-1	6946516	6932978	6929250	6936248	0.13	cps
Scandium	45-2	609175	602432	608054	606554	0.60	cps
Selenium	82-1	273	254	183	237	20.03	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	490	497	440	476	6.51	cps
Silicon	28-1	655409	659237	655891	656846	0.32	cps
Silver	107-1	215	251	248	238	8.54	cps
Silver	109-1	243	227	237	236	3.56	cps
Sodium	23-2	27685	27435	27561	27560	0.45	cps
Strontium	86-1	363	510	423	432	17.06	cps
Strontium	88-1	634	417	470	507	22.30	cps
Sulfur	34-1	194872	197098	194677	195549	0.69	cps
Terbium	159-1	15788358	15635345	15736496	15720066	0.50	cps
Terbium	159-2	11298234	11316485	11251141	11288620	0.30	cps
Thallium	203-1	470	507	640	539	16.60	cps
Thallium	205-1	1280	1260	1270	1270	0.79	cps
Tin	118-1	2394	2227	2350	2324	3.72	cps
Titanium	47-1	180	210	190	193	7.90	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:52:52	DataFile Name :	096CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	160	163	183	169	7.47	cps
Vanadium	51-2	73	43	60	59	25.53	cps
Yttrium	89-1	15065346	15000791	14953286	15006474	0.37	cps
Yttrium	89-2	4142876	4110484	4123656	4125672	0.39	cps
Zinc	66-2	597	590	643	610	4.76	cps
Zirconium	90-1	1000	1173	1120	1098	8.09	cps
Zirconium	91-1	233	197	253	228	12.62	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-06	Instrumnet Name :	P7
Client Sample ID :	MYCZC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:56:06	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28260442	27739335	27687491	27895756	1.14	cps
Antimony	121-1	6815	6815	6925	6852	0.93	cps
Arsenic	75-2	100376	100776	100366	100506	0.23	cps
Barium	135-1	683984	687582	686671	686079	0.27	cps
Barium	137-1	1188643	1196919	1195827	1193797	0.38	cps
Beryllium	9-1	1353	1427	1377	1386	2.70	cps
Bismuth	209-1	9304067	9469169	9178862	9317366	1.56	cps
Bismuth	209-2	8177742	8031309	8093891	8100981	0.91	cps
Bromine	81-1	16890	16579	16446	16638	1.37	cps
Bromine	81-2	740	683	803	742	8.09	cps
Cadmium	108-1	397	450	403	417	6.97	cps
Cadmium	106-1	4544	4517	4407	4490	1.61	cps
Cadmium	111-1	5412	5453	5102	5322	3.61	cps
Calcium	43-1	694110	698971	697806	696962	0.36	cps
Calcium	44-1	10873319	10994485	10962674	10943493	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1108396	1094364	1100389	1101050	0.64	cps
Cobalt	59-2	1771338	1765748	1773821	1770303	0.23	cps
Copper	63-2	2928469	2936780	2922214	2929154	0.25	cps
Dysprosium	156-1	87503	89130	88194	88276	0.92	cps
Dysprosium	156-2	73682	72164	71558	72468	1.51	cps
Erbium	164-1	102046	104463	105575	104028	1.73	cps
Erbium	164-2	77202	77741	77379	77441	0.35	cps
Gadolinium	160-1	91667	91560	91449	91559	0.12	cps
Gadolinium	160-2	70295	70288	71394	70659	0.90	cps
Holmium	165-1	15767331	15736430	15821718	15775160	0.27	cps
Holmium	165-2	11844814	11665279	11674409	11728167	0.86	cps
Indium	115-1	13005217	12850034	12715429	12856893	1.13	cps
Indium	115-2	4831595	4763522	4816646	4803921	0.74	cps
Iron	56-2	1126016490	1109977157	1116385930	1117459859	0.72	cps
Iron	57-2	27560519	27412148	27962792	27645153	1.03	cps
Iron	54-2	60512609	60233849	60442362	60396274	0.24	cps
Krypton	83-1	360	393	380	378	4.44	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-06	Instrumnet Name :	P7
Client Sample ID :	MYCZC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:56:06	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	152784	155012	155062	154286	0.84	cps
Lead	207-1	129369	130355	130513	130079	0.48	cps
Lead	208-1	591355	600107	599565	597009	0.82	cps
Lithium	6-1	1662599	1619164	1614578	1632114	1.62	cps
Magnesium	24-2	27541702	27289331	27153758	27328264	0.72	cps
Manganese	55-2	30074519	29606342	29628471	29769777	0.89	cps
Molybdenum	94-1	50587	50610	50681	50626	0.10	cps
Molybdenum	95-1	11178	11294	11638	11370	2.10	cps
Molybdenum	96-1	30452	30966	30432	30617	0.99	cps
Molybdenum	97-1	6958	6965	7078	7001	0.96	cps
Molybdenum	98-1	16816	16773	16783	16791	0.14	cps
Neodymium	150-1	105836	107442	107247	106842	0.82	cps
Neodymium	150-2	67584	67658	67986	67743	0.32	cps
Nickel	60-2	386255	389506	385381	387048	0.56	cps
Phosphorus	31-2	19235	18645	18485	18788	2.10	cps
Potassium	39-2	1368666	1326088	1330638	1341797	1.74	cps
Rhodium	103-1	11838454	11808960	11672601	11773338	0.75	cps
Rhodium	103-2	7220188	7202924	7150500	7191204	0.50	cps
Scandium	45-1	8184428	8111373	8201455	8165752	0.59	cps
Scandium	45-2	720687	697901	710773	709787	1.61	cps
Selenium	82-1	550	483	485	506	7.63	cps
Selenium	77-2	213	207	240	220	8.02	cps
Selenium	78-2	643	620	743	669	9.80	cps
Silicon	28-1	16627444	16659480	16485418	16590780	0.56	cps
Silver	107-1	4086	4193	4219	4166	1.69	cps
Silver	109-1	3757	3787	3767	3771	0.41	cps
Sodium	23-2	321079	320859	318715	320218	0.41	cps
Strontium	86-1	471872	476463	473740	474025	0.49	cps
Strontium	88-1	4233406	4254375	4231594	4239792	0.30	cps
Sulfur	34-1	179817	173934	173081	175611	2.09	cps
Terbium	159-1	16382069	16214709	16284710	16293829	0.52	cps
Terbium	159-2	11443192	11501007	11371914	11438704	0.57	cps
Thallium	203-1	3004	3214	3127	3115	3.39	cps
Thallium	205-1	7435	7172	7252	7286	1.85	cps
Tin	118-1	10731	11221	11081	11011	2.29	cps
Titanium	47-1	1617124	1576366	1588870	1594120	1.31	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-06	Instrumnet Name :	P7
Client Sample ID :	MYCZC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:56:06	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21114	21164	21013	21097	0.36	cps
Vanadium	51-2	2762122	2733975	2764144	2753414	0.61	cps
Yttrium	89-1	16963894	17101580	16720276	16928583	1.14	cps
Yttrium	89-2	4634072	4632164	4573118	4613118	0.75	cps
Zinc	66-2	261216	260874	260416	260835	0.15	cps
Zirconium	90-1	118301	118799	117990	118363	0.35	cps
Zirconium	91-1	26407	26781	26754	26648	0.78	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-07	Instrumnet Name :	P7
Client Sample ID :	MYCZC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:59:11	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25166759	24728746	24949007	24948171	0.88	cps
Antimony	121-1	4604	4491	4477	4524	1.54	cps
Arsenic	75-2	68735	68025	69140	68633	0.82	cps
Barium	135-1	562978	567506	564237	564907	0.41	cps
Barium	137-1	974499	986335	979541	980125	0.61	cps
Beryllium	9-1	1027	1110	990	1042	5.90	cps
Bismuth	209-1	9279446	9279925	9174595	9244655	0.66	cps
Bismuth	209-2	8159990	8018905	8029832	8069576	0.97	cps
Bromine	81-1	15638	15472	15635	15582	0.61	cps
Bromine	81-2	533	623	593	583	7.86	cps
Cadmium	108-1	323	317	323	321	1.20	cps
Cadmium	106-1	4221	4447	4201	4290	3.19	cps
Cadmium	111-1	4565	4922	4711	4733	3.79	cps
Calcium	43-1	584315	583741	581336	583131	0.27	cps
Calcium	44-1	9046145	9024965	9111375	9060829	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1173762	1163301	1156054	1164372	0.76	cps
Cobalt	59-2	1585193	1576815	1575157	1579055	0.34	cps
Copper	63-2	2798434	2830145	2811223	2813267	0.57	cps
Dysprosium	156-1	48055	48336	48082	48158	0.32	cps
Dysprosium	156-2	39462	38666	39011	39046	1.02	cps
Erbium	164-1	64896	64940	64819	64885	0.09	cps
Erbium	164-2	47718	47530	47236	47495	0.51	cps
Gadolinium	160-1	51210	51896	51457	51521	0.67	cps
Gadolinium	160-2	40358	40080	40398	40279	0.43	cps
Holmium	165-1	15696112	15565264	15660159	15640511	0.43	cps
Holmium	165-2	11594955	11559174	11553150	11569093	0.20	cps
Indium	115-1	12862611	12588110	12722841	12724520	1.08	cps
Indium	115-2	4749101	4726278	4685645	4720341	0.68	cps
Iron	56-2	979167825	982500625	966499826	976056092	0.86	cps
Iron	57-2	24118543	24178942	23911609	24069698	0.58	cps
Iron	54-2	53434414	53256436	52184006	52958285	1.28	cps
Krypton	83-1	330	303	320	318	4.24	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-07	Instrumnet Name :	P7
Client Sample ID :	MYCZC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:59:11	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38441	38905	39678	39008	1.60	cps
Lead	207-1	32342	32749	32539	32543	0.63	cps
Lead	208-1	149221	151974	152431	151209	1.15	cps
Lithium	6-1	1616807	1625785	1612521	1618371	0.42	cps
Magnesium	24-2	26751894	26261550	26258750	26424065	1.07	cps
Manganese	55-2	26935214	26667320	26369730	26657421	1.06	cps
Molybdenum	94-1	30969	31380	32195	31515	1.98	cps
Molybdenum	95-1	7279	7495	7192	7322	2.13	cps
Molybdenum	96-1	21226	22134	21202	21520	2.47	cps
Molybdenum	97-1	4417	4014	4324	4252	4.97	cps
Molybdenum	98-1	10294	10811	10767	10624	2.70	cps
Neodymium	150-1	50028	50644	49761	50144	0.90	cps
Neodymium	150-2	31385	32080	31361	31609	1.29	cps
Nickel	60-2	411305	409641	410112	410353	0.21	cps
Phosphorus	31-2	11027	11034	10757	10940	1.44	cps
Potassium	39-2	1245248	1226553	1222124	1231308	1.00	cps
Rhodium	103-1	11741429	11556488	11573769	11623896	0.88	cps
Rhodium	103-2	7199766	7107181	6974576	7093841	1.60	cps
Scandium	45-1	7881417	7832411	7820793	7844874	0.41	cps
Scandium	45-2	691780	678726	678646	683051	1.11	cps
Selenium	82-1	349	372	333	351	5.57	cps
Selenium	77-2	113	90	157	120	28.19	cps
Selenium	78-2	613	647	533	598	9.74	cps
Silicon	28-1	17837856	17682565	17739518	17753313	0.44	cps
Silver	107-1	4456	4408	4523	4462	1.29	cps
Silver	109-1	4084	4044	4067	4065	0.49	cps
Sodium	23-2	267167	264312	264256	265245	0.63	cps
Strontium	86-1	354289	357365	355848	355834	0.43	cps
Strontium	88-1	3190018	3201022	3214023	3201688	0.38	cps
Sulfur	34-1	168194	165697	164828	166240	1.05	cps
Terbium	159-1	15942968	16020123	15943795	15968962	0.28	cps
Terbium	159-2	11344256	11424828	11440976	11403353	0.45	cps
Thallium	203-1	2907	2907	2640	2818	5.46	cps
Thallium	205-1	6742	6418	6795	6652	3.07	cps
Tin	118-1	8252	8526	8199	8326	2.11	cps
Titanium	47-1	2613472	2577103	2589712	2593429	0.71	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-07	Instrumnet Name :	P7
Client Sample ID :	MYCZC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 20:59:11	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10244	10121	10231	10198	0.66	cps
Vanadium	51-2	2492056	2446239	2429902	2456066	1.31	cps
Yttrium	89-1	16157434	16239449	16100605	16165829	0.43	cps
Yttrium	89-2	4493108	4372914	4303891	4389971	2.18	cps
Zinc	66-2	219908	219553	220342	219934	0.18	cps
Zirconium	90-1	76156	75141	75717	75671	0.67	cps
Zirconium	91-1	16419	17053	17204	16892	2.46	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-08	Instrumnet Name :	P7
Client Sample ID :	MYCZC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:02:14	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28502375	28282012	27247168	28010518	2.39	cps
Antimony	121-1	15262	15839	15809	15636	2.08	cps
Arsenic	75-2	100403	100661	96760	99275	2.20	cps
Barium	135-1	312172	319607	320501	317427	1.44	cps
Barium	137-1	543805	555933	560312	553350	1.55	cps
Beryllium	9-1	1123	1087	1070	1093	2.50	cps
Bismuth	209-1	9613188	9128934	9210496	9317539	2.78	cps
Bismuth	209-2	7957884	7902212	8196661	8018919	1.95	cps
Bromine	81-1	15091	15692	15071	15285	2.31	cps
Bromine	81-2	490	440	487	472	5.92	cps
Cadmium	108-1	693	693	620	669	6.33	cps
Cadmium	106-1	4891	4724	4507	4707	4.08	cps
Cadmium	111-1	6641	6499	6222	6454	3.30	cps
Calcium	43-1	642949	659662	657111	653241	1.38	cps
Calcium	44-1	9989544	10234984	10152815	10125781	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2040363	2056453	1974976	2023931	2.13	cps
Cobalt	59-2	1330423	1325591	1261068	1305694	2.97	cps
Copper	63-2	3764838	3724450	3620620	3703303	2.01	cps
Dysprosium	156-1	50966	51735	51598	51433	0.80	cps
Dysprosium	156-2	41708	41805	39679	41064	2.92	cps
Erbium	164-1	63507	67230	65563	65433	2.85	cps
Erbium	164-2	49909	49497	46641	48682	3.66	cps
Gadolinium	160-1	54884	56038	56554	55825	1.53	cps
Gadolinium	160-2	43972	43788	42658	43473	1.64	cps
Holmium	165-1	16193351	15611548	15404238	15736379	2.60	cps
Holmium	165-2	11579457	11566209	11995717	11713794	2.09	cps
Indium	115-1	13524828	12656008	12532989	12904608	4.19	cps
Indium	115-2	4726732	4672990	4811613	4737111	1.48	cps
Iron	56-2	1071702011	1049488011	1015059718	1045416580	2.73	cps
Iron	57-2	26225389	26171363	25038750	25811834	2.60	cps
Iron	54-2	57729377	57210542	55575856	56838592	1.98	cps
Krypton	83-1	320	327	320	322	1.19	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-08	Instrumnet Name :	P7
Client Sample ID :	MYCZC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:02:14	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	286287	291388	291127	289601	0.99	cps
Lead	207-1	249699	258437	258089	255408	1.94	cps
Lead	208-1	1137827	1168470	1171856	1159384	1.62	cps
Lithium	6-1	1740446	1644117	1616121	1666895	3.91	cps
Magnesium	24-2	33527903	33476879	32088531	33031104	2.47	cps
Manganese	55-2	19885948	19631522	18779404	19432291	2.98	cps
Molybdenum	94-1	44424	45400	45203	45009	1.15	cps
Molybdenum	95-1	8459	8539	8806	8601	2.11	cps
Molybdenum	96-1	25449	26384	26604	26146	2.35	cps
Molybdenum	97-1	5478	5331	5358	5389	1.45	cps
Molybdenum	98-1	12742	13119	13443	13102	2.68	cps
Neodymium	150-1	58012	60686	59465	59388	2.25	cps
Neodymium	150-2	37894	37343	36139	37125	2.42	cps
Nickel	60-2	524767	524205	504769	517914	2.20	cps
Phosphorus	31-2	14077	13640	13920	13879	1.60	cps
Potassium	39-2	634777	626449	608646	623291	2.14	cps
Rhodium	103-1	12248568	11707357	11398267	11784731	3.65	cps
Rhodium	103-2	6989559	7055862	7167518	7070980	1.27	cps
Scandium	45-1	8139037	7783698	7677346	7866693	3.07	cps
Scandium	45-2	676840	670716	692305	679953	1.64	cps
Selenium	82-1	506	479	537	508	5.77	cps
Selenium	77-2	163	153	163	160	3.61	cps
Selenium	78-2	627	623	623	624	0.31	cps
Silicon	28-1	16792161	17183801	17214958	17063640	1.38	cps
Silver	107-1	4757	4963	5145	4955	3.91	cps
Silver	109-1	4457	4604	4544	4535	1.63	cps
Sodium	23-2	147757	148636	142819	146404	2.14	cps
Strontium	86-1	284936	290624	290171	288577	1.10	cps
Strontium	88-1	2547888	2597458	2562666	2569337	0.99	cps
Sulfur	34-1	167820	168046	168454	168106	0.19	cps
Terbium	159-1	16911054	16019241	15882845	16271047	3.43	cps
Terbium	159-2	11488294	11159002	11575063	11407453	1.92	cps
Thallium	203-1	1863	1730	1750	1781	4.04	cps
Thallium	205-1	4264	4294	3997	4185	3.90	cps
Tin	118-1	9323	9320	9070	9237	1.57	cps
Titanium	47-1	4135427	4147583	4192028	4158346	0.72	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-08	Instrumnet Name :	P7
Client Sample ID :	MYCZC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:02:14	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14568	14895	15075	14846	1.73	cps
Vanadium	51-2	2344789	2345595	2285521	2325302	1.48	cps
Yttrium	89-1	16977082	16077978	15986393	16347151	3.35	cps
Yttrium	89-2	4417304	4394008	4446876	4419396	0.60	cps
Zinc	66-2	275711	271926	261249	269629	2.78	cps
Zirconium	90-1	105996	109518	112178	109230	2.84	cps
Zirconium	91-1	23359	24521	24898	24259	3.31	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-09	Instrumnet Name :	P7
Client Sample ID :	MYCZC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:05:19	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23948737	23934356	23762495	23881863	0.43	cps
Antimony	121-1	11888	11778	12145	11937	1.58	cps
Arsenic	75-2	66478	66089	66612	66393	0.41	cps
Barium	135-1	242043	243949	245380	243791	0.69	cps
Barium	137-1	420471	425818	427354	424548	0.85	cps
Beryllium	9-1	897	820	810	842	5.63	cps
Bismuth	209-1	8959982	9213410	9103876	9092423	1.40	cps
Bismuth	209-2	7969997	7980361	8014139	7988166	0.29	cps
Bromine	81-1	14734	14541	14377	14551	1.23	cps
Bromine	81-2	410	373	330	371	10.79	cps
Cadmium	108-1	457	477	447	460	3.32	cps
Cadmium	106-1	4271	4354	4197	4274	1.83	cps
Cadmium	111-1	5359	5357	5315	5344	0.46	cps
Calcium	43-1	490632	498503	496276	495137	0.82	cps
Calcium	44-1	7581041	7705449	7690267	7658919	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1751779	1729179	1773334	1751431	1.26	cps
Cobalt	59-2	1066992	1060442	1052135	1059857	0.70	cps
Copper	63-2	2812983	2783937	2782107	2793009	0.62	cps
Dysprosium	156-1	37995	37547	37436	37659	0.78	cps
Dysprosium	156-2	30059	30677	30092	30276	1.15	cps
Erbium	164-1	49912	51066	50792	50590	1.19	cps
Erbium	164-2	37834	37721	37122	37559	1.02	cps
Gadolinium	160-1	40839	42401	41916	41719	1.92	cps
Gadolinium	160-2	32658	32431	32147	32412	0.79	cps
Holmium	165-1	15248303	15345086	15504815	15366068	0.84	cps
Holmium	165-2	11573529	11489785	11283294	11448869	1.30	cps
Indium	115-1	12209148	12527463	12647892	12461501	1.82	cps
Indium	115-2	4702143	4703435	4713909	4706496	0.14	cps
Iron	56-2	892152813	887781907	884771160	888235293	0.42	cps
Iron	57-2	21679792	22019961	21643113	21780955	0.95	cps
Iron	54-2	48453103	48329679	47971543	48251442	0.52	cps
Krypton	83-1	353	307	293	318	9.91	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-09	Instrumnet Name :	P7
Client Sample ID :	MYCZC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:05:19	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	180102	179180	180048	179777	0.29	cps
Lead	207-1	158135	159133	157764	158344	0.45	cps
Lead	208-1	713224	717414	715905	715515	0.30	cps
Lithium	6-1	1628817	1658356	1624789	1637321	1.12	cps
Magnesium	24-2	28629744	28788802	28621703	28680083	0.33	cps
Manganese	55-2	14024684	13853710	13895126	13924507	0.64	cps
Molybdenum	94-1	34180	35169	34992	34780	1.52	cps
Molybdenum	95-1	4991	4961	5001	4984	0.42	cps
Molybdenum	96-1	19780	19710	20061	19850	0.93	cps
Molybdenum	97-1	3157	2967	3337	3154	5.87	cps
Molybdenum	98-1	7649	7389	7752	7596	2.47	cps
Neodymium	150-1	42360	42307	42945	42537	0.83	cps
Neodymium	150-2	26635	26505	26508	26549	0.28	cps
Nickel	60-2	450683	447770	447196	448550	0.42	cps
Phosphorus	31-2	10724	10851	10747	10774	0.63	cps
Potassium	39-2	422538	425394	422224	423385	0.41	cps
Rhodium	103-1	11307980	11691795	11615386	11538387	1.76	cps
Rhodium	103-2	7019930	7058283	6988858	7022357	0.50	cps
Scandium	45-1	7416517	7476455	7475334	7456102	0.46	cps
Scandium	45-2	656877	663886	658107	659623	0.57	cps
Selenium	82-1	379	423	476	426	11.42	cps
Selenium	77-2	127	123	120	123	2.70	cps
Selenium	78-2	540	577	657	591	10.09	cps
Silicon	28-1	14068779	14244869	14184368	14166005	0.63	cps
Silver	107-1	2737	2958	2882	2859	3.93	cps
Silver	109-1	2670	2597	2627	2631	1.40	cps
Sodium	23-2	130813	130753	130470	130679	0.14	cps
Strontium	86-1	233909	234027	231724	233220	0.56	cps
Strontium	88-1	2062749	2106339	2076711	2081933	1.07	cps
Sulfur	34-1	166550	168322	168672	167848	0.68	cps
Terbium	159-1	15430844	15564818	15686662	15560775	0.82	cps
Terbium	159-2	11095817	11202057	11102333	11133402	0.53	cps
Thallium	203-1	1507	1470	1463	1480	1.58	cps
Thallium	205-1	3591	3490	3254	3445	5.02	cps
Tin	118-1	7759	7969	7699	7809	1.82	cps
Titanium	47-1	4420388	4508853	4450480	4459907	1.01	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-09	Instrumnet Name :	P7
Client Sample ID :	MYCZC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:05:19	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11245	11375	11452	11357	0.92	cps
Vanadium	51-2	2019207	2017340	1986313	2007620	0.92	cps
Yttrium	89-1	15531502	15744455	15742629	15672862	0.78	cps
Yttrium	89-2	4288469	4327252	4270553	4295425	0.67	cps
Zinc	66-2	224268	225812	222529	224203	0.73	cps
Zirconium	90-1	85996	86161	84856	85671	0.83	cps
Zirconium	91-1	19046	19403	19353	19267	1.00	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-10	Instrumnet Name :	P7
Client Sample ID :	MYCZC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:08:22	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24963766	24714574	24747774	24808705	0.55	cps
Antimony	121-1	10934	11004	11325	11088	1.88	cps
Arsenic	75-2	77189	77216	77417	77274	0.16	cps
Barium	135-1	256411	258612	259892	258305	0.68	cps
Barium	137-1	445867	450247	454107	450073	0.92	cps
Beryllium	9-1	997	1017	887	967	7.24	cps
Bismuth	209-1	8934737	9116572	8985082	9012130	1.04	cps
Bismuth	209-2	7791513	7951495	7848975	7863994	1.03	cps
Bromine	81-1	15004	15361	14948	15104	1.49	cps
Bromine	81-2	427	533	493	484	11.12	cps
Cadmium	108-1	607	647	607	620	3.73	cps
Cadmium	106-1	4407	4737	4427	4524	4.09	cps
Cadmium	111-1	5964	6351	6178	6164	3.15	cps
Calcium	43-1	564029	569403	571264	568232	0.66	cps
Calcium	44-1	8756912	8838028	8794586	8796509	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1825277	1802871	1804768	1810972	0.69	cps
Cobalt	59-2	1148895	1155775	1152060	1152243	0.30	cps
Copper	63-2	3033571	3051674	2995952	3027066	0.94	cps
Dysprosium	156-1	43002	43460	42889	43117	0.70	cps
Dysprosium	156-2	34512	34526	34298	34446	0.37	cps
Erbium	164-1	56182	57177	57153	56837	1.00	cps
Erbium	164-2	41782	41906	42050	41913	0.32	cps
Gadolinium	160-1	46892	47263	48065	47407	1.27	cps
Gadolinium	160-2	36370	36959	36457	36595	0.87	cps
Holmium	165-1	15291747	15470272	15541816	15434612	0.83	cps
Holmium	165-2	11316655	11468491	11322469	11369205	0.76	cps
Indium	115-1	12291841	12424566	12447801	12388069	0.68	cps
Indium	115-2	4674968	4673564	4632720	4660417	0.51	cps
Iron	56-2	923931773	926398600	918775080	923035151	0.42	cps
Iron	57-2	22730754	22692311	22844500	22755855	0.35	cps
Iron	54-2	50256291	50113569	49757233	50042364	0.51	cps
Krypton	83-1	350	410	293	351	16.62	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-10	Instrumnet Name :	P7
Client Sample ID :	MYCZC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:08:22	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	273571	279277	277442	276764	1.05	cps
Lead	207-1	241839	244412	243196	243149	0.53	cps
Lead	208-1	1088895	1105659	1099772	1098109	0.77	cps
Lithium	6-1	1597029	1627146	1618907	1614360	0.96	cps
Magnesium	24-2	28208802	27994790	28351539	28185043	0.64	cps
Manganese	55-2	15618815	15544479	15656502	15606599	0.37	cps
Molybdenum	94-1	42966	43662	42699	43109	1.15	cps
Molybdenum	95-1	5945	6045	5985	5991	0.84	cps
Molybdenum	96-1	22354	21990	22197	22180	0.82	cps
Molybdenum	97-1	3737	3540	3827	3702	3.96	cps
Molybdenum	98-1	9306	9133	9003	9147	1.66	cps
Neodymium	150-1	48573	49015	49634	49074	1.09	cps
Neodymium	150-2	30830	31141	30613	30862	0.86	cps
Nickel	60-2	460646	462951	460611	461403	0.29	cps
Phosphorus	31-2	11151	11144	10941	11079	1.08	cps
Potassium	39-2	483159	480441	479524	481041	0.39	cps
Rhodium	103-1	11236379	11590525	11591086	11472664	1.78	cps
Rhodium	103-2	6991419	6956487	6923011	6956973	0.49	cps
Scandium	45-1	7522645	7648084	7543806	7571512	0.89	cps
Scandium	45-2	658103	661031	655488	658208	0.42	cps
Selenium	82-1	433	315	437	395	17.52	cps
Selenium	77-2	107	140	127	124	13.48	cps
Selenium	78-2	620	527	640	596	10.16	cps
Silicon	28-1	18633323	18802933	19063013	18833090	1.15	cps
Silver	107-1	4995	5095	5082	5057	1.07	cps
Silver	109-1	4494	4831	4601	4642	3.71	cps
Sodium	23-2	138742	138052	139202	138665	0.42	cps
Strontium	86-1	269945	276695	273092	273244	1.24	cps
Strontium	88-1	2443530	2443430	2466260	2451074	0.54	cps
Sulfur	34-1	171379	172454	170685	171506	0.52	cps
Terbium	159-1	15355324	15791738	15777149	15641404	1.58	cps
Terbium	159-2	11126874	11190115	10954821	11090603	1.10	cps
Thallium	203-1	1543	1617	1537	1566	2.84	cps
Thallium	205-1	4031	3944	3671	3882	4.84	cps
Tin	118-1	9553	9747	9296	9532	2.37	cps
Titanium	47-1	4016600	4046508	4033800	4032303	0.37	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-10	Instrumnet Name :	P7
Client Sample ID :	MYCZC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:08:22	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13043	13490	13437	13323	1.83	cps
Vanadium	51-2	2122445	2111646	2141419	2125170	0.71	cps
Yttrium	89-1	15481536	15791210	15868856	15713867	1.30	cps
Yttrium	89-2	4305423	4264440	4294354	4288073	0.49	cps
Zinc	66-2	247965	249733	248730	248810	0.36	cps
Zirconium	90-1	107396	109437	107281	108038	1.12	cps
Zirconium	91-1	23809	24304	23799	23971	1.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-11	Instrumnet Name :	P7
Client Sample ID :	MYCZC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:11:28	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25806054	25404025	25771085	25660388	0.87	cps
Antimony	121-1	10094	10384	9964	10147	2.12	cps
Arsenic	75-2	81542	79810	79361	80238	1.44	cps
Barium	135-1	297205	300263	296449	297972	0.68	cps
Barium	137-1	516068	522101	519554	519241	0.58	cps
Beryllium	9-1	1003	943	1013	987	3.84	cps
Bismuth	209-1	9019275	8976528	8940689	8978831	0.44	cps
Bismuth	209-2	8003775	7780774	7816592	7867047	1.52	cps
Bromine	81-1	14584	14951	14687	14741	1.28	cps
Bromine	81-2	517	463	530	503	7.01	cps
Cadmium	108-1	637	633	623	631	1.10	cps
Cadmium	106-1	4441	4394	4414	4416	0.53	cps
Cadmium	111-1	6648	6505	6675	6609	1.38	cps
Calcium	43-1	577455	582480	576837	578924	0.53	cps
Calcium	44-1	8936542	9166204	8879646	8994131	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1844126	1841128	1835831	1840362	0.23	cps
Cobalt	59-2	1252841	1252492	1252006	1252446	0.03	cps
Copper	63-2	3267296	3259560	3229730	3252195	0.61	cps
Dysprosium	156-1	45727	45764	44530	45341	1.55	cps
Dysprosium	156-2	37246	37025	36905	37059	0.47	cps
Erbium	164-1	58562	58947	59128	58879	0.49	cps
Erbium	164-2	44942	44200	44073	44405	1.06	cps
Gadolinium	160-1	49102	49862	49350	49438	0.78	cps
Gadolinium	160-2	39148	38499	38392	38680	1.06	cps
Holmium	165-1	15031995	15297257	15240944	15190065	0.92	cps
Holmium	165-2	11466318	11340883	11283599	11363600	0.82	cps
Indium	115-1	12221890	12248307	12231684	12233960	0.11	cps
Indium	115-2	4662459	4630457	4629885	4640934	0.40	cps
Iron	56-2	945152146	952762012	943011053	946975070	0.54	cps
Iron	57-2	23447832	23249365	23398456	23365218	0.44	cps
Iron	54-2	51347313	51350034	51101361	51266236	0.28	cps
Krypton	83-1	353	350	380	361	4.55	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-11	Instrumnet Name :	P7
Client Sample ID :	MYCZC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:11:28	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	304159	310481	308823	307821	1.06	cps
Lead	207-1	271881	274142	276315	274113	0.81	cps
Lead	208-1	1221592	1235352	1234874	1230606	0.63	cps
Lithium	6-1	1610400	1603200	1601175	1604925	0.30	cps
Magnesium	24-2	28985598	29094246	28703330	28927725	0.70	cps
Manganese	55-2	17073638	17141536	16943709	17052961	0.59	cps
Molybdenum	94-1	42438	42903	42819	42720	0.58	cps
Molybdenum	95-1	5855	6121	6035	6004	2.27	cps
Molybdenum	96-1	22658	22554	22547	22586	0.27	cps
Molybdenum	97-1	3731	3624	3514	3623	2.99	cps
Molybdenum	98-1	8943	8776	8566	8762	2.16	cps
Neodymium	150-1	50878	52092	52109	51693	1.37	cps
Neodymium	150-2	33537	33633	32357	33176	2.14	cps
Nickel	60-2	475492	471175	470894	472520	0.55	cps
Phosphorus	31-2	12335	12502	12242	12360	1.07	cps
Potassium	39-2	530157	532779	530537	531158	0.27	cps
Rhodium	103-1	11055929	11199657	11196324	11150637	0.74	cps
Rhodium	103-2	6963453	6973874	6904870	6947399	0.54	cps
Scandium	45-1	7430167	7545894	7500026	7492029	0.78	cps
Scandium	45-2	662584	661526	663565	662558	0.15	cps
Selenium	82-1	386	397	325	370	10.51	cps
Selenium	77-2	120	153	133	136	12.38	cps
Selenium	78-2	553	610	577	580	4.91	cps
Silicon	28-1	21331120	21520701	21418404	21423408	0.44	cps
Silver	107-1	5515	5566	5682	5588	1.53	cps
Silver	109-1	4964	4978	5041	4994	0.82	cps
Sodium	23-2	151746	150032	150281	150686	0.61	cps
Strontium	86-1	282037	290487	283070	285198	1.62	cps
Strontium	88-1	2535726	2547418	2508282	2530475	0.79	cps
Sulfur	34-1	167702	169492	166681	167958	0.85	cps
Terbium	159-1	15381329	15648789	15615741	15548620	0.94	cps
Terbium	159-2	10956755	11095348	11122518	11058207	0.80	cps
Thallium	203-1	1733	1630	1647	1670	3.32	cps
Thallium	205-1	3951	3807	3914	3891	1.91	cps
Tin	118-1	8523	8883	9076	8827	3.18	cps
Titanium	47-1	4015027	4097315	4063708	4058683	1.02	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-11	Instrumnet Name :	P7
Client Sample ID :	MYCZC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:11:28	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13834	14321	13841	13999	2.00	cps
Vanadium	51-2	2212496	2184349	2190430	2195758	0.67	cps
Yttrium	89-1	15440863	15683046	15528225	15550711	0.79	cps
Yttrium	89-2	4264782	4274971	4239661	4259805	0.43	cps
Zinc	66-2	259366	259239	258182	258929	0.25	cps
Zirconium	90-1	106559	108235	107049	107281	0.80	cps
Zirconium	91-1	23335	23933	23953	23740	1.48	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-12	Instrumnet Name :	P7
Client Sample ID :	MYCZD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:14:31	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21097223	21090754	21187797	21125258	0.26	cps
Antimony	121-1	9236	9046	9643	9309	3.28	cps
Arsenic	75-2	49994	48830	48787	49203	1.39	cps
Barium	135-1	201167	203797	204253	203072	0.82	cps
Barium	137-1	349545	355602	355847	353665	1.01	cps
Beryllium	9-1	770	740	793	768	3.48	cps
Bismuth	209-1	9015342	9235367	9140651	9130453	1.21	cps
Bismuth	209-2	7958946	7942858	7826144	7909316	0.92	cps
Bromine	81-1	14274	14330	14384	14329	0.38	cps
Bromine	81-2	367	373	400	380	4.64	cps
Cadmium	108-1	430	427	393	417	4.87	cps
Cadmium	106-1	4194	4304	3967	4155	4.13	cps
Cadmium	111-1	4929	5049	4857	4945	1.96	cps
Calcium	43-1	468642	471721	473041	471134	0.48	cps
Calcium	44-1	7340531	7394401	7384851	7373261	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1467035	1480206	1475047	1474096	0.45	cps
Cobalt	59-2	953503	950984	943608	949365	0.54	cps
Copper	63-2	2418486	2406098	2420681	2415088	0.33	cps
Dysprosium	156-1	31388	30654	31161	31068	1.21	cps
Dysprosium	156-2	25092	25029	25079	25067	0.13	cps
Erbium	164-1	43982	43832	43705	43840	0.32	cps
Erbium	164-2	32017	32535	32187	32246	0.82	cps
Gadolinium	160-1	33974	34543	34963	34494	1.44	cps
Gadolinium	160-2	26986	27156	27427	27190	0.82	cps
Holmium	165-1	15245043	15307207	15341826	15298025	0.32	cps
Holmium	165-2	11397119	11304549	11264822	11322164	0.60	cps
Indium	115-1	12382687	12312176	12273567	12322810	0.45	cps
Indium	115-2	4662297	4656412	4635343	4651351	0.30	cps
Iron	56-2	795600788	796274895	796265455	796047046	0.05	cps
Iron	57-2	19684900	19530333	19803922	19673051	0.70	cps
Iron	54-2	43195276	43256809	42911524	43121203	0.43	cps
Krypton	83-1	297	270	337	301	11.14	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-12	Instrumnet Name :	P7
Client Sample ID :	MYCZD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:14:31	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	151378	153097	152254	152243	0.56	cps
Lead	207-1	133010	135686	135774	134823	1.17	cps
Lead	208-1	603820	611992	611539	609117	0.75	cps
Lithium	6-1	1574165	1603961	1587301	1588475	0.94	cps
Magnesium	24-2	24759093	24508737	24479769	24582533	0.62	cps
Manganese	55-2	12458598	12568206	12567602	12531469	0.50	cps
Molybdenum	94-1	31026	31420	31400	31282	0.71	cps
Molybdenum	95-1	4824	5068	4841	4911	2.77	cps
Molybdenum	96-1	17744	17424	17751	17640	1.06	cps
Molybdenum	97-1	3004	3014	3237	3085	4.28	cps
Molybdenum	98-1	7188	7279	7479	7315	2.03	cps
Neodymium	150-1	34358	33911	34676	34315	1.12	cps
Neodymium	150-2	21226	21981	21627	21611	1.75	cps
Nickel	60-2	391438	392710	391456	391868	0.19	cps
Phosphorus	31-2	9566	9340	9276	9394	1.62	cps
Potassium	39-2	299784	297999	296948	298244	0.48	cps
Rhodium	103-1	11420497	11387494	11325666	11377886	0.42	cps
Rhodium	103-2	6969997	6957487	6988542	6972009	0.22	cps
Scandium	45-1	7231658	7347498	7208507	7262554	1.03	cps
Scandium	45-2	645120	637040	638002	640054	0.69	cps
Selenium	82-1	462	403	375	413	10.71	cps
Selenium	77-2	90	103	87	93	9.45	cps
Selenium	78-2	550	600	540	563	5.71	cps
Silicon	28-1	17730826	17705522	18012305	17816218	0.96	cps
Silver	107-1	2938	2940	2697	2858	4.87	cps
Silver	109-1	2480	2620	2674	2591	3.85	cps
Sodium	23-2	144207	144749	144513	144490	0.19	cps
Strontium	86-1	227805	227792	229376	228324	0.40	cps
Strontium	88-1	2023006	2055307	2034011	2037441	0.81	cps
Sulfur	34-1	164502	166274	165421	165399	0.54	cps
Terbium	159-1	15597340	15726451	15597040	15640277	0.48	cps
Terbium	159-2	11176502	11095179	10916947	11062876	1.20	cps
Thallium	203-1	1190	1143	1117	1150	3.23	cps
Thallium	205-1	2797	2724	2770	2764	1.34	cps
Tin	118-1	7055	6938	6815	6936	1.73	cps
Titanium	47-1	4594980	4639170	4650306	4628152	0.63	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-12	Instrumnet Name :	P7
Client Sample ID :	MYCZD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:14:31	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8820	9090	9227	9045	2.29	cps
Vanadium	51-2	1788285	1739544	1725185	1751004	1.89	cps
Yttrium	89-1	15475097	15447204	15461534	15461278	0.09	cps
Yttrium	89-2	4210285	4190641	4241487	4214138	0.61	cps
Zinc	66-2	200453	199713	199815	199994	0.20	cps
Zirconium	90-1	75513	77593	76588	76565	1.36	cps
Zirconium	91-1	17197	16920	17597	17238	1.98	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-13	Instrumnet Name :	P7
Client Sample ID :	MYCZD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:17:37	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29451102	29465307	29488485	29468298	0.06	cps
Antimony	121-1	6832	7045	6855	6911	1.69	cps
Arsenic	75-2	96581	98386	98678	97882	1.16	cps
Barium	135-1	352650	354569	358317	355179	0.81	cps
Barium	137-1	612288	617520	618853	616220	0.56	cps
Beryllium	9-1	1017	1020	1160	1066	7.68	cps
Bismuth	209-1	8867348	9021940	9158612	9015967	1.62	cps
Bismuth	209-2	7898653	7924689	7824896	7882746	0.66	cps
Bromine	81-1	13963	14377	14791	14377	2.88	cps
Bromine	81-2	357	383	367	369	3.65	cps
Cadmium	108-1	333	330	287	317	8.22	cps
Cadmium	106-1	4081	4144	4294	4173	2.63	cps
Cadmium	111-1	4896	4983	5037	4972	1.44	cps
Calcium	43-1	560835	564917	564867	563540	0.42	cps
Calcium	44-1	8696329	8826411	8719346	8747362	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1607482	1575328	1600052	1594287	1.06	cps
Cobalt	59-2	1622944	1644591	1635100	1634211	0.66	cps
Copper	63-2	3235044	3182075	3220460	3212527	0.85	cps
Dysprosium	156-1	53742	54472	54171	54128	0.68	cps
Dysprosium	156-2	43715	43668	44574	43985	1.16	cps
Erbium	164-1	72587	73234	72996	72939	0.45	cps
Erbium	164-2	54519	53753	54241	54171	0.72	cps
Gadolinium	160-1	58227	58726	59050	58668	0.71	cps
Gadolinium	160-2	45096	45968	45647	45570	0.97	cps
Holmium	165-1	14902500	15391085	15313365	15202317	1.73	cps
Holmium	165-2	11467652	11378762	11384786	11410400	0.44	cps
Indium	115-1	12179630	12388767	12394259	12320885	0.99	cps
Indium	115-2	4752412	4743529	4717158	4737700	0.39	cps
Iron	56-2	1120898543	1126815930	1122855770	1123523414	0.27	cps
Iron	57-2	27843583	27745229	28099893	27896235	0.66	cps
Iron	54-2	61429162	61458944	61113857	61333988	0.31	cps
Krypton	83-1	343	317	283	314	9.56	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-13	Instrumnet Name :	P7
Client Sample ID :	MYCZD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:17:37	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33632	33374	34246	33751	1.33	cps
Lead	207-1	28400	28309	28336	28348	0.16	cps
Lead	208-1	129679	131438	132803	131307	1.19	cps
Lithium	6-1	1585426	1623985	1609982	1606464	1.22	cps
Magnesium	24-2	35073264	35234167	35575722	35294384	0.73	cps
Manganese	55-2	27264484	27390235	27357189	27337302	0.24	cps
Molybdenum	94-1	23619	24253	24350	24074	1.65	cps
Molybdenum	95-1	8859	8716	8686	8754	1.06	cps
Molybdenum	96-1	23215	23182	23436	23278	0.59	cps
Molybdenum	97-1	5244	5088	5211	5181	1.59	cps
Molybdenum	98-1	12696	13069	13236	13000	2.13	cps
Neodymium	150-1	54659	55499	55171	55109	0.77	cps
Neodymium	150-2	35592	34168	35000	34920	2.05	cps
Nickel	60-2	508555	506842	512212	509203	0.54	cps
Phosphorus	31-2	14293	13793	13563	13883	2.69	cps
Potassium	39-2	616277	618144	618180	617534	0.18	cps
Rhodium	103-1	10942501	11325525	11285400	11184475	1.88	cps
Rhodium	103-2	7065091	7044791	6923344	7011075	1.09	cps
Scandium	45-1	7709298	7837610	7773103	7773337	0.83	cps
Scandium	45-2	702686	703109	694345	700047	0.71	cps
Selenium	82-1	375	376	409	387	5.02	cps
Selenium	77-2	110	173	100	128	31.13	cps
Selenium	78-2	550	573	607	577	4.94	cps
Silicon	28-1	16806559	17326107	17112329	17081665	1.53	cps
Silver	107-1	2809	2805	2975	2863	3.38	cps
Silver	109-1	2597	2564	2544	2568	1.05	cps
Sodium	23-2	286422	286802	284528	285917	0.43	cps
Strontium	86-1	390780	396904	398745	395476	1.05	cps
Strontium	88-1	3500137	3568546	3599093	3555925	1.42	cps
Sulfur	34-1	167631	170732	170270	169545	0.99	cps
Terbium	159-1	15360487	15656319	15559955	15525587	0.97	cps
Terbium	159-2	11319508	11097169	11190266	11202314	1.00	cps
Thallium	203-1	1607	1660	1463	1577	6.45	cps
Thallium	205-1	3460	3677	3671	3603	3.42	cps
Tin	118-1	8459	8513	8966	8646	3.22	cps
Titanium	47-1	1953725	1941951	1954575	1950083	0.36	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-13	Instrumnet Name :	P7
Client Sample ID :	MYCZD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:17:37	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11148	11412	10955	11171	2.05	cps
Vanadium	51-2	2871221	2880832	2919938	2890664	0.89	cps
Yttrium	89-1	15590304	16030588	15840751	15820547	1.40	cps
Yttrium	89-2	4400969	4422309	4381505	4401594	0.46	cps
Zinc	66-2	265328	264785	266636	265583	0.36	cps
Zirconium	90-1	50751	52390	51212	51451	1.64	cps
Zirconium	91-1	11218	11628	11918	11588	3.04	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-14	Instrumnet Name :	P7
Client Sample ID :	MYCZD2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:20:40	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22892510	22432616	23277617	22867581	1.85	cps
Antimony	121-1	35099	34675	34932	34902	0.61	cps
Arsenic	75-2	190887	193733	192319	192313	0.74	cps
Barium	135-1	536221	538058	548324	540868	1.21	cps
Barium	137-1	928409	936879	947281	937523	1.01	cps
Beryllium	9-1	1117	1103	1103	1108	0.70	cps
Bismuth	209-1	9279134	9500719	9434412	9404755	1.21	cps
Bismuth	209-2	8193164	8169209	8093703	8152026	0.64	cps
Bromine	81-1	15114	16479	15952	15849	4.34	cps
Bromine	81-2	720	680	803	734	8.57	cps
Cadmium	108-1	1743	1717	1663	1708	2.39	cps
Cadmium	106-1	6021	6028	6602	6217	5.36	cps
Cadmium	111-1	24777	24501	25522	24933	2.12	cps
Calcium	43-1	486201	487072	493269	488847	0.79	cps
Calcium	44-1	7532790	7501533	7652917	7562413	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1733632	1698222	1731115	1720990	1.15	cps
Cobalt	59-2	782110	777101	774145	777786	0.52	cps
Copper	63-2	6074825	6057802	6130495	6087707	0.62	cps
Dysprosium	156-1	56302	56078	55857	56079	0.40	cps
Dysprosium	156-2	47396	47129	47045	47190	0.39	cps
Erbium	164-1	62425	63450	64156	63344	1.37	cps
Erbium	164-2	47005	47156	47651	47271	0.71	cps
Gadolinium	160-1	58368	59462	60279	59369	1.62	cps
Gadolinium	160-2	46617	46159	46112	46296	0.60	cps
Holmium	165-1	15226819	15403361	15555312	15395164	1.07	cps
Holmium	165-2	11623683	11640783	11268559	11511008	1.83	cps
Indium	115-1	12278188	12511047	12532019	12440418	1.13	cps
Indium	115-2	4720363	4700736	4730803	4717301	0.32	cps
Iron	56-2	796256895	788556575	786746842	790520104	0.64	cps
Iron	57-2	19858266	19805026	19465056	19709449	1.08	cps
Iron	54-2	43720934	43606514	43078908	43468785	0.79	cps
Krypton	83-1	363	360	260	328	17.91	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-14	Instrumnet Name :	P7
Client Sample ID :	MYCZD2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:20:40	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2950989	2963543	2950509	2955014	0.25	cps
Lead	207-1	2617824	2716980	2682623	2672476	1.88	cps
Lead	208-1	11809214	11983946	12002731	11931964	0.89	cps
Lithium	6-1	1630767	1619175	1614696	1621546	0.51	cps
Magnesium	24-2	26591130	26413656	26667816	26557534	0.49	cps
Manganese	55-2	12430600	12303611	12170602	12301604	1.06	cps
Molybdenum	94-1	57693	57941	58302	57979	0.53	cps
Molybdenum	95-1	8746	9053	8979	8926	1.80	cps
Molybdenum	96-1	26424	26654	26654	26578	0.50	cps
Molybdenum	97-1	5614	5635	5621	5623	0.18	cps
Molybdenum	98-1	13807	16288	13510	14535	10.49	cps
Neodymium	150-1	75028	75534	75960	75507	0.62	cps
Neodymium	150-2	47566	47533	47189	47429	0.44	cps
Nickel	60-2	384449	386604	382986	384680	0.47	cps
Phosphorus	31-2	17083	17614	17714	17470	1.94	cps
Potassium	39-2	2698320	2656871	2687442	2680878	0.80	cps
Rhodium	103-1	11217834	11425848	11460552	11368078	1.15	cps
Rhodium	103-2	7075916	7014772	7070635	7053774	0.48	cps
Scandium	45-1	7668783	7789317	7800458	7752853	0.94	cps
Scandium	45-2	688832	687395	682072	686100	0.52	cps
Selenium	82-1	800	710	733	748	6.27	cps
Selenium	77-2	183	230	223	212	11.89	cps
Selenium	78-2	750	620	707	692	9.56	cps
Silicon	28-1	14963796	15145165	15355384	15154782	1.29	cps
Silver	107-1	32225	32545	32809	32526	0.90	cps
Silver	109-1	30355	30165	30509	30343	0.57	cps
Sodium	23-2	91040	90091	92076	91069	1.09	cps
Strontium	86-1	205737	207095	208728	207187	0.72	cps
Strontium	88-1	1857585	1851063	1864076	1857574	0.35	cps
Sulfur	34-1	203506	202865	203050	203140	0.16	cps
Terbium	159-1	15581004	15623590	15905058	15703217	1.12	cps
Terbium	159-2	11286517	11230467	11419964	11312316	0.86	cps
Thallium	203-1	4027	4007	4037	4024	0.38	cps
Thallium	205-1	9053	9543	9180	9259	2.75	cps
Tin	118-1	20575	20832	20955	20787	0.93	cps
Titanium	47-1	1173077	1176816	1187355	1179083	0.63	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-14	Instrumnet Name :	P7
Client Sample ID :	MYCZD2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:20:40	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21578	21891	22429	21966	1.96	cps
Vanadium	51-2	2016672	2022328	2046577	2028525	0.78	cps
Yttrium	89-1	15621065	15625108	15792171	15679448	0.62	cps
Yttrium	89-2	4343407	4338549	4313102	4331686	0.38	cps
Zinc	66-2	643596	642637	646978	644404	0.35	cps
Zirconium	90-1	143271	143967	143318	143519	0.27	cps
Zirconium	91-1	31814	32402	32429	32215	1.08	cps

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Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-15	Instrumnet Name :	P7
Client Sample ID :	MYCZD3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:23:42	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35192899	34558369	35061855	34937708	0.96	cps
Antimony	121-1	13987	13707	13907	13867	1.04	cps
Arsenic	75-2	90061	89233	89025	89440	0.61	cps
Barium	135-1	392566	393631	393685	393294	0.16	cps
Barium	137-1	677593	685895	681204	681564	0.61	cps
Beryllium	9-1	923	1080	1190	1064	12.59	cps
Bismuth	209-1	8877421	9112763	8950679	8980288	1.34	cps
Bismuth	209-2	7900547	7912889	7891640	7901692	0.14	cps
Bromine	81-1	14511	14717	14284	14504	1.50	cps
Bromine	81-2	547	600	560	569	4.88	cps
Cadmium	108-1	670	667	723	687	4.63	cps
Cadmium	106-1	4771	4864	4798	4811	1.00	cps
Cadmium	111-1	7474	7657	7756	7629	1.88	cps
Calcium	43-1	1478727	1462363	1509662	1483584	1.62	cps
Calcium	44-1	23732839	23692870	23878321	23768010	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2434565	2431765	2436139	2434156	0.09	cps
Cobalt	59-2	1243194	1235093	1243425	1240571	0.38	cps
Copper	63-2	3371997	3378392	3351611	3367333	0.42	cps
Dysprosium	156-1	92344	92378	94072	92931	1.06	cps
Dysprosium	156-2	74704	74801	74329	74611	0.33	cps
Erbium	164-1	118265	120900	120295	119820	1.15	cps
Erbium	164-2	87904	87572	89350	88275	1.07	cps
Gadolinium	160-1	102870	102861	102887	102873	0.01	cps
Gadolinium	160-2	80392	78702	79336	79477	1.07	cps
Holmium	165-1	15242126	15391428	15439905	15357820	0.67	cps
Holmium	165-2	11478042	11498001	11360842	11445628	0.65	cps
Indium	115-1	12395856	12208706	12259968	12288177	0.79	cps
Indium	115-2	4644678	4621669	4569402	4611917	0.84	cps
Iron	56-2	1259959688	1249546275	1258920808	1256142257	0.46	cps
Iron	57-2	31150774	31032566	30948136	31043825	0.33	cps
Iron	54-2	68469239	68111137	68807794	68462723	0.51	cps
Krypton	83-1	417	487	453	452	7.74	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-15	Instrumnet Name :	P7
Client Sample ID :	MYCZD3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:23:42	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	362557	368993	370262	367271	1.12	cps
Lead	207-1	322142	327156	326800	325366	0.86	cps
Lead	208-1	1445763	1481459	1475298	1467506	1.30	cps
Lithium	6-1	1603939	1639906	1604271	1616039	1.28	cps
Magnesium	24-2	43280041	42825066	43080129	43061745	0.53	cps
Manganese	55-2	19345971	19197237	19514933	19352714	0.82	cps
Molybdenum	94-1	36532	35867	36663	36354	1.17	cps
Molybdenum	95-1	7832	8056	8036	7974	1.55	cps
Molybdenum	96-1	26077	26170	26047	26098	0.25	cps
Molybdenum	97-1	5174	5081	5051	5102	1.26	cps
Molybdenum	98-1	12205	11935	12422	12187	2.00	cps
Neodymium	150-1	99629	100820	100263	100237	0.59	cps
Neodymium	150-2	62524	63656	63331	63171	0.92	cps
Nickel	60-2	565571	569209	564572	566451	0.43	cps
Phosphorus	31-2	14947	15091	14674	14904	1.42	cps
Potassium	39-2	660648	652980	656758	656795	0.58	cps
Rhodium	103-1	11064403	11115547	11206921	11128957	0.65	cps
Rhodium	103-2	6845147	6831865	6764053	6813688	0.64	cps
Scandium	45-1	8366652	8430374	8454506	8417177	0.54	cps
Scandium	45-2	733309	732901	736206	734139	0.25	cps
Selenium	82-1	443	440	440	441	0.44	cps
Selenium	77-2	197	257	237	230	13.28	cps
Selenium	78-2	673	613	537	608	11.27	cps
Silicon	28-1	16114801	15992254	16285664	16130906	0.91	cps
Silver	107-1	6615	6734	7078	6809	3.53	cps
Silver	109-1	6141	6061	6298	6167	1.95	cps
Sodium	23-2	167180	165566	165141	165962	0.65	cps
Strontium	86-1	387493	392215	391588	390432	0.66	cps
Strontium	88-1	3496229	3477122	3518489	3497280	0.59	cps
Sulfur	34-1	178094	180144	180141	179460	0.66	cps
Terbium	159-1	15787796	15684710	15597415	15689974	0.61	cps
Terbium	159-2	11258013	11202922	11211202	11224045	0.26	cps
Thallium	203-1	1580	1443	1577	1533	5.08	cps
Thallium	205-1	3707	3884	3564	3718	4.31	cps
Tin	118-1	11925	12172	12475	12191	2.26	cps
Titanium	47-1	1933183	1923448	1918588	1925073	0.39	cps

Reviewed By:Mohan
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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-15	Instrumnet Name :	P7
Client Sample ID :	MYCZD3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:23:42	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14605	14104	14969	14559	2.98	cps
Vanadium	51-2	3460993	3390927	3371762	3407894	1.38	cps
Yttrium	89-1	16326159	16433752	16545601	16435171	0.67	cps
Yttrium	89-2	4460863	4509166	4412821	4460950	1.08	cps
Zinc	66-2	330708	328392	327610	328903	0.49	cps
Zirconium	90-1	86915	86325	86275	86505	0.41	cps
Zirconium	91-1	19573	19506	19363	19481	0.55	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-16	Instrumnet Name :	P7
Client Sample ID :	MYCZD4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26503800	26516505	26529878	26516728	0.05	cps
Antimony	121-1	10928	11508	11194	11210	2.59	cps
Arsenic	75-2	120554	120427	118609	119863	0.91	cps
Barium	135-1	429401	436276	436615	434097	0.94	cps
Barium	137-1	751056	757345	755852	754751	0.44	cps
Beryllium	9-1	940	1060	973	991	6.25	cps
Bismuth	209-1	9047767	9152056	9147914	9115913	0.65	cps
Bismuth	209-2	7975262	7992578	7882732	7950191	0.74	cps
Bromine	81-1	15698	15572	15615	15628	0.41	cps
Bromine	81-2	630	660	660	650	2.66	cps
Cadmium	108-1	697	687	737	707	3.74	cps
Cadmium	106-1	4938	4451	4811	4733	5.34	cps
Cadmium	111-1	7925	7172	7392	7496	5.17	cps
Calcium	43-1	596994	598766	601081	598947	0.34	cps
Calcium	44-1	9310281	9401717	9219534	9310510	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1745223	1719866	1743697	1736262	0.82	cps
Cobalt	59-2	1204874	1204202	1199001	1202692	0.27	cps
Copper	63-2	2898744	2873043	2863443	2878410	0.63	cps
Dysprosium	156-1	65596	65626	65575	65599	0.04	cps
Dysprosium	156-2	52002	53160	52099	52421	1.23	cps
Erbium	164-1	80953	81382	81875	81403	0.57	cps
Erbium	164-2	59462	59944	59365	59591	0.52	cps
Gadolinium	160-1	70506	71625	70570	70900	0.89	cps
Gadolinium	160-2	54100	54495	54512	54369	0.43	cps
Holmium	165-1	15457729	15353130	15550528	15453796	0.64	cps
Holmium	165-2	11453012	11400398	11346145	11399852	0.47	cps
Indium	115-1	12380265	12448930	12590082	12473092	0.86	cps
Indium	115-2	4599162	4605928	4676648	4627246	0.93	cps
Iron	56-2	1029701771	1005295958	1027034625	1020677451	1.31	cps
Iron	57-2	25445806	25029214	25486058	25320359	1.00	cps
Iron	54-2	55986704	55238588	55318769	55514687	0.74	cps
Krypton	83-1	317	360	383	353	9.57	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-16	Instrumnet Name :	P7
Client Sample ID :	MYCZD4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	344690	344609	347950	345750	0.55	cps
Lead	207-1	311884	312771	316897	313851	0.85	cps
Lead	208-1	1389901	1393282	1409317	1397500	0.74	cps
Lithium	6-1	1631935	1657681	1628164	1639260	0.98	cps
Magnesium	24-2	30973817	30456780	30746023	30725540	0.84	cps
Manganese	55-2	18195597	18045609	18325944	18189050	0.77	cps
Molybdenum	94-1	40339	39894	40399	40211	0.69	cps
Molybdenum	95-1	8079	7882	7815	7926	1.73	cps
Molybdenum	96-1	24945	25402	24594	24980	1.62	cps
Molybdenum	97-1	5138	4984	4961	5028	1.91	cps
Molybdenum	98-1	12085	12245	12409	12246	1.32	cps
Neodymium	150-1	74757	74686	75386	74943	0.51	cps
Neodymium	150-2	46707	46580	47115	46801	0.60	cps
Nickel	60-2	436753	436913	435764	436477	0.14	cps
Phosphorus	31-2	14297	14480	14457	14411	0.69	cps
Potassium	39-2	1308608	1295827	1306730	1303722	0.53	cps
Rhodium	103-1	11417321	11432813	11565138	11471757	0.71	cps
Rhodium	103-2	6964926	7011227	6977489	6984547	0.34	cps
Scandium	45-1	7908843	8005343	7968781	7960989	0.61	cps
Scandium	45-2	697125	686635	701103	694954	1.08	cps
Selenium	82-1	470	418	347	412	15.05	cps
Selenium	77-2	137	127	167	143	14.52	cps
Selenium	78-2	567	597	667	610	8.41	cps
Silicon	28-1	11869773	11784021	11794180	11815991	0.40	cps
Silver	107-1	6058	6182	6125	6122	1.02	cps
Silver	109-1	5591	5881	5668	5713	2.63	cps
Sodium	23-2	129825	128581	129371	129259	0.49	cps
Strontium	86-1	309910	311368	312940	311406	0.49	cps
Strontium	88-1	2753214	2809997	2797802	2787004	1.07	cps
Sulfur	34-1	178664	177275	179147	178362	0.54	cps
Terbium	159-1	15831546	15852425	15990211	15891394	0.54	cps
Terbium	159-2	11187637	11251592	11039618	11159615	0.97	cps
Thallium	203-1	2034	1843	2014	1963	5.32	cps
Thallium	205-1	4661	4577	4494	4577	1.82	cps
Tin	118-1	14474	14174	14351	14333	1.05	cps
Titanium	47-1	2076745	2068315	2094385	2079815	0.64	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-16	Instrumnet Name :	P7
Client Sample ID :	MYCZD4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:26:45	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14588	14718	14692	14666	0.47	cps
Vanadium	51-2	2653609	2646649	2625814	2642024	0.55	cps
Yttrium	89-1	16069892	16047216	16014596	16043901	0.17	cps
Yttrium	89-2	4403529	4303809	4368479	4358606	1.16	cps
Zinc	66-2	300737	303480	300017	301411	0.61	cps
Zirconium	90-1	95702	98273	97024	97000	1.32	cps
Zirconium	91-1	21376	21623	21833	21610	1.06	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-17	Instrumnet Name :	P7
Client Sample ID :	MYCZD5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:29:49	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30590957	30123668	30384657	30366427	0.77	cps
Antimony	121-1	9190	9640	9690	9507	2.90	cps
Arsenic	75-2	131291	131553	131112	131319	0.17	cps
Barium	135-1	807416	822448	818186	816017	0.95	cps
Barium	137-1	1407046	1422760	1420338	1416715	0.60	cps
Beryllium	9-1	1183	1153	1147	1161	1.68	cps
Bismuth	209-1	8916776	9016008	8982022	8971602	0.56	cps
Bismuth	209-2	7873055	7826831	7900922	7866936	0.48	cps
Bromine	81-1	15311	15245	15308	15288	0.25	cps
Bromine	81-2	547	513	600	553	7.90	cps
Cadmium	108-1	573	527	600	567	6.55	cps
Cadmium	106-1	4781	4497	4651	4643	3.06	cps
Cadmium	111-1	6338	6133	6365	6279	2.02	cps
Calcium	43-1	592148	600039	595004	595730	0.67	cps
Calcium	44-1	9221844	9210011	9210078	9213978	0.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1704729	1672778	1682634	1686714	0.97	cps
Cobalt	59-2	1303920	1305980	1295802	1301901	0.41	cps
Copper	63-2	2639962	2612102	2618827	2623630	0.55	cps
Dysprosium	156-1	84217	85055	84448	84574	0.51	cps
Dysprosium	156-2	67695	68486	67421	67867	0.81	cps
Erbium	164-1	103845	106932	105253	105343	1.47	cps
Erbium	164-2	78301	78901	78690	78631	0.39	cps
Gadolinium	160-1	89996	93164	92049	91736	1.75	cps
Gadolinium	160-2	69993	70908	70915	70605	0.75	cps
Holmium	165-1	15324536	15494578	15538270	15452461	0.73	cps
Holmium	165-2	11451964	11304149	11398377	11384830	0.66	cps
Indium	115-1	12276815	12279277	12400038	12318710	0.57	cps
Indium	115-2	4623609	4607847	4616460	4615972	0.17	cps
Iron	56-2	1277851501	1271815848	1267021314	1272229554	0.43	cps
Iron	57-2	31654084	31507278	31249865	31470409	0.65	cps
Iron	54-2	69407104	69235004	69454846	69365651	0.17	cps
Krypton	83-1	337	463	370	390	16.84	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-17	Instrumnet Name :	P7
Client Sample ID :	MYCZD5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:29:49	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	227302	233566	231447	230772	1.38	cps
Lead	207-1	200484	207356	204989	204276	1.71	cps
Lead	208-1	912106	931748	926300	923385	1.10	cps
Lithium	6-1	1651252	1626428	1623632	1633771	0.93	cps
Magnesium	24-2	35433110	35418174	35301393	35384226	0.20	cps
Manganese	55-2	29452993	29012010	29196197	29220400	0.76	cps
Molybdenum	94-1	36662	37147	36669	36826	0.75	cps
Molybdenum	95-1	16072	16266	16359	16232	0.90	cps
Molybdenum	96-1	33852	34972	34524	34449	1.64	cps
Molybdenum	97-1	10027	9760	9793	9860	1.47	cps
Molybdenum	98-1	24875	24881	24891	24882	0.03	cps
Neodymium	150-1	93494	95178	96252	94975	1.46	cps
Neodymium	150-2	60489	59488	58996	59658	1.28	cps
Nickel	60-2	431473	430868	428643	430328	0.35	cps
Phosphorus	31-2	16339	15798	15908	16015	1.78	cps
Potassium	39-2	1260444	1221311	1228923	1236892	1.68	cps
Rhodium	103-1	11144127	11318104	11217150	11226460	0.78	cps
Rhodium	103-2	6928696	6907607	6843620	6893308	0.64	cps
Scandium	45-1	8266928	8254652	8210746	8244109	0.36	cps
Scandium	45-2	726450	717648	718456	720851	0.67	cps
Selenium	82-1	580	312	464	452	29.81	cps
Selenium	77-2	210	263	237	237	11.27	cps
Selenium	78-2	743	617	603	654	11.81	cps
Silicon	28-1	17317001	17607946	17734573	17553173	1.22	cps
Silver	107-1	3884	3933	3801	3873	1.72	cps
Silver	109-1	3400	3547	3794	3580	5.55	cps
Sodium	23-2	172561	171789	172373	172241	0.23	cps
Strontium	86-1	460606	465511	466249	464122	0.66	cps
Strontium	88-1	4157013	4213058	4097579	4155883	1.39	cps
Sulfur	34-1	172889	174686	173051	173542	0.57	cps
Terbium	159-1	15785617	15812149	16005533	15867766	0.76	cps
Terbium	159-2	11208404	11213530	10980752	11134229	1.19	cps
Thallium	203-1	2380	2524	2490	2465	3.04	cps
Thallium	205-1	5865	5444	5758	5689	3.84	cps
Tin	118-1	9984	10007	9610	9867	2.26	cps
Titanium	47-1	2507778	2554660	2519609	2527349	0.96	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-17	Instrumnet Name :	P7
Client Sample ID :	MYCZD5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:29:49	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16240	16534	16333	16369	0.92	cps
Vanadium	51-2	3593139	3529637	3547029	3556602	0.92	cps
Yttrium	89-1	16193216	16291664	16148419	16211100	0.45	cps
Yttrium	89-2	4483898	4374169	4339527	4399198	1.71	cps
Zinc	66-2	309732	310781	306249	308921	0.77	cps
Zirconium	90-1	73576	75392	74494	74488	1.22	cps
Zirconium	91-1	17027	16640	17043	16903	1.35	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-18	Instrumnet Name :	P7
Client Sample ID :	MYCZD6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:32:52	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23239717	23025314	23153228	23139420	0.47	cps
Antimony	121-1	12415	12475	12165	12352	1.33	cps
Arsenic	75-2	72888	72720	72767	72792	0.12	cps
Barium	135-1	391096	387375	389654	389375	0.48	cps
Barium	137-1	672789	680681	674363	675944	0.62	cps
Beryllium	9-1	927	967	973	956	2.64	cps
Bismuth	209-1	9142628	9268312	9133804	9181581	0.82	cps
Bismuth	209-2	7939611	7910683	7928976	7926423	0.18	cps
Bromine	81-1	15168	15338	15094	15200	0.82	cps
Bromine	81-2	367	390	490	416	15.77	cps
Cadmium	108-1	400	450	507	452	11.80	cps
Cadmium	106-1	4337	4284	4231	4284	1.25	cps
Cadmium	111-1	5986	5870	5813	5890	1.49	cps
Calcium	43-1	498736	494054	492948	495246	0.62	cps
Calcium	44-1	7736585	7772287	7648540	7719137	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1491729	1479704	1466260	1479231	0.86	cps
Cobalt	59-2	996223	991867	988993	992361	0.37	cps
Copper	63-2	2475985	2507488	2519127	2500867	0.89	cps
Dysprosium	156-1	47393	47366	47219	47326	0.20	cps
Dysprosium	156-2	37854	37690	37978	37841	0.38	cps
Erbium	164-1	63312	63105	63246	63221	0.17	cps
Erbium	164-2	47701	46684	46738	47041	1.22	cps
Gadolinium	160-1	52568	52003	52183	52251	0.55	cps
Gadolinium	160-2	40438	40625	40448	40504	0.26	cps
Holmium	165-1	15669062	15487315	15464591	15540323	0.72	cps
Holmium	165-2	11464050	11518112	11621358	11534507	0.69	cps
Indium	115-1	12565459	12525498	12385451	12492136	0.76	cps
Indium	115-2	4623567	4620259	4677180	4640335	0.69	cps
Iron	56-2	936169933	937828573	940557799	938185435	0.24	cps
Iron	57-2	23158665	23109994	23108170	23125609	0.12	cps
Iron	54-2	51217588	50472988	50997654	50896076	0.75	cps
Krypton	83-1	260	303	400	321	22.32	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-18	Instrumnet Name :	P7
Client Sample ID :	MYCZD6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:32:52	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	229045	230268	229202	229505	0.29	cps
Lead	207-1	201036	202530	200316	201294	0.56	cps
Lead	208-1	910043	918564	912350	913653	0.48	cps
Lithium	6-1	1663659	1647727	1667891	1659759	0.64	cps
Magnesium	24-2	26550215	26487220	26619276	26552237	0.25	cps
Manganese	55-2	14809229	14730931	14998606	14846255	0.93	cps
Molybdenum	94-1	28665	29653	28935	29084	1.76	cps
Molybdenum	95-1	6061	5715	5881	5886	2.95	cps
Molybdenum	96-1	20000	19733	20040	19925	0.84	cps
Molybdenum	97-1	3694	3707	3721	3707	0.36	cps
Molybdenum	98-1	8803	8786	8716	8768	0.52	cps
Neodymium	150-1	52972	53387	52206	52855	1.13	cps
Neodymium	150-2	32751	33613	32938	33101	1.37	cps
Nickel	60-2	369886	369306	368283	369158	0.22	cps
Phosphorus	31-2	12198	12045	12122	12122	0.63	cps
Potassium	39-2	1077171	1078783	1078139	1078031	0.08	cps
Rhodium	103-1	11453779	11379055	11406426	11413087	0.33	cps
Rhodium	103-2	7023228	6841725	6949258	6938071	1.32	cps
Scandium	45-1	7654923	7606042	7471340	7577435	1.25	cps
Scandium	45-2	651303	646792	653212	650436	0.51	cps
Selenium	82-1	553	457	305	438	28.60	cps
Selenium	77-2	127	117	127	123	4.68	cps
Selenium	78-2	640	557	670	622	9.44	cps
Silicon	28-1	24343457	24323151	24326392	24331000	0.04	cps
Silver	107-1	3377	3358	3368	3368	0.28	cps
Silver	109-1	3124	3137	2937	3066	3.65	cps
Sodium	23-2	169929	168625	168895	169150	0.41	cps
Strontium	86-1	261266	265724	261106	262698	1.00	cps
Strontium	88-1	2341371	2344122	2337798	2341097	0.14	cps
Sulfur	34-1	175387	173847	174193	174476	0.46	cps
Terbium	159-1	15863992	15753152	15752851	15789998	0.41	cps
Terbium	159-2	11243987	11151416	11171301	11188901	0.44	cps
Thallium	203-1	2010	1787	1693	1830	8.89	cps
Thallium	205-1	4517	4187	4297	4334	3.88	cps
Tin	118-1	13807	13209	13773	13596	2.47	cps
Titanium	47-1	4414352	4421167	4417497	4417672	0.08	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-18	Instrumnet Name :	P7
Client Sample ID :	MYCZD6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:32:52	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11275	11378	11335	11329	0.46	cps
Vanadium	51-2	2396437	2383910	2396613	2392320	0.30	cps
Yttrium	89-1	15979562	15730142	15800811	15836838	0.81	cps
Yttrium	89-2	4335468	4209992	4299995	4281818	1.51	cps
Zinc	66-2	246318	247786	249606	247904	0.66	cps
Zirconium	90-1	70746	69359	69476	69860	1.10	cps
Zirconium	91-1	15478	15698	15385	15521	1.04	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-19	Instrumnet Name :	P7
Client Sample ID :	MYCZD7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:35:58	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23157505	23027275	22998295	23061025	0.37	cps
Antimony	121-1	10954	10691	11131	10925	2.03	cps
Arsenic	75-2	61533	60466	61015	61005	0.88	cps
Barium	135-1	241776	242674	239830	241427	0.60	cps
Barium	137-1	418577	421689	418314	419527	0.45	cps
Beryllium	9-1	977	927	990	964	3.46	cps
Bismuth	209-1	9080796	9056238	8950804	9029279	0.76	cps
Bismuth	209-2	7805582	7874262	7854345	7844729	0.45	cps
Bromine	81-1	14874	14924	14808	14869	0.39	cps
Bromine	81-2	510	497	423	477	9.79	cps
Cadmium	108-1	387	493	450	443	12.10	cps
Cadmium	106-1	4507	4394	4161	4354	4.06	cps
Cadmium	111-1	4872	4468	4542	4627	4.65	cps
Calcium	43-1	478931	482852	479467	480417	0.44	cps
Calcium	44-1	7451823	7494738	7318621	7421727	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1613590	1637973	1612970	1621511	0.88	cps
Cobalt	59-2	1186577	1187641	1194484	1189567	0.36	cps
Copper	63-2	2608042	2603389	2626180	2612537	0.46	cps
Dysprosium	156-1	39679	39435	39121	39412	0.71	cps
Dysprosium	156-2	31395	31258	32281	31645	1.75	cps
Erbium	164-1	51434	51521	51575	51510	0.14	cps
Erbium	164-2	37841	37828	37557	37742	0.42	cps
Gadolinium	160-1	43216	42912	42441	42856	0.91	cps
Gadolinium	160-2	33226	33460	33510	33399	0.45	cps
Holmium	165-1	15261914	15187244	15367427	15272195	0.59	cps
Holmium	165-2	11221911	11286173	11246903	11251662	0.29	cps
Indium	115-1	12480225	12367508	12370147	12405960	0.52	cps
Indium	115-2	4584301	4567543	4590721	4580855	0.26	cps
Iron	56-2	845056174	846151694	851389641	847532503	0.40	cps
Iron	57-2	20680245	20752790	20796599	20743211	0.28	cps
Iron	54-2	45997388	46151938	45962918	46037414	0.22	cps
Krypton	83-1	323	323	313	320	1.80	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-19	Instrumnet Name :	P7
Client Sample ID :	MYCZD7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:35:58	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	131347	131081	130317	130915	0.41	cps
Lead	207-1	114356	114480	112985	113940	0.73	cps
Lead	208-1	518519	521270	515229	518339	0.58	cps
Lithium	6-1	1659566	1665920	1592454	1639313	2.48	cps
Magnesium	24-2	25314200	25514718	25402507	25410475	0.40	cps
Manganese	55-2	16011823	16235589	16194606	16147340	0.74	cps
Molybdenum	94-1	38404	38718	38845	38655	0.59	cps
Molybdenum	95-1	5771	6061	6251	6028	4.01	cps
Molybdenum	96-1	21152	20741	20608	20834	1.36	cps
Molybdenum	97-1	3530	3764	3604	3633	3.29	cps
Molybdenum	98-1	9476	9406	9050	9311	2.46	cps
Neodymium	150-1	45771	45118	44510	45133	1.40	cps
Neodymium	150-2	28419	28612	27981	28337	1.14	cps
Nickel	60-2	429668	430336	434530	431511	0.61	cps
Phosphorus	31-2	12522	12612	12695	12610	0.69	cps
Potassium	39-2	591650	598928	598570	596383	0.69	cps
Rhodium	103-1	11432585	11239923	11166427	11279645	1.22	cps
Rhodium	103-2	6837813	6922713	6942872	6901133	0.81	cps
Scandium	45-1	7330639	7380445	7307881	7339655	0.51	cps
Scandium	45-2	631319	630430	635857	632535	0.46	cps
Selenium	82-1	410	337	314	354	14.17	cps
Selenium	77-2	133	113	100	116	14.52	cps
Selenium	78-2	497	540	583	540	8.02	cps
Silicon	28-1	27427110	27757919	27676510	27620513	0.62	cps
Silver	107-1	2843	2865	3020	2909	3.32	cps
Silver	109-1	2524	2464	2434	2474	1.85	cps
Sodium	23-2	113914	114344	114582	114280	0.30	cps
Strontium	86-1	284595	286998	285108	285567	0.44	cps
Strontium	88-1	2603145	2590999	2564730	2586291	0.76	cps
Sulfur	34-1	172747	172457	173347	172851	0.26	cps
Terbium	159-1	15742919	15523659	15544840	15603806	0.78	cps
Terbium	159-2	10916497	10916704	11108173	10980458	1.01	cps
Thallium	203-1	1727	1623	1457	1602	8.50	cps
Thallium	205-1	3917	3500	3651	3689	5.72	cps
Tin	118-1	7322	7159	7355	7279	1.45	cps
Titanium	47-1	3237360	3248609	3185476	3223815	1.04	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-19	Instrumnet Name :	P7
Client Sample ID :	MYCZD7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:35:58	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13620	13500	13717	13613	0.80	cps
Vanadium	51-2	1896599	1914951	1916276	1909276	0.58	cps
Yttrium	89-1	15689159	15522569	15336660	15516129	1.14	cps
Yttrium	89-2	4162993	4178806	4185212	4175670	0.27	cps
Zinc	66-2	210302	211739	212942	211661	0.62	cps
Zirconium	90-1	95615	94921	94632	95056	0.53	cps
Zirconium	91-1	21038	21062	21182	21094	0.37	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:39:02	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26345315	26398383	26191648	26311782	0.41	cps
Antimony	121-1	17618	17788	18425	17944	2.37	cps
Arsenic	75-2	119916	120074	118979	119656	0.50	cps
Barium	135-1	512544	516453	516909	515302	0.47	cps
Barium	137-1	893099	899703	893331	895378	0.42	cps
Beryllium	9-1	1160	1197	1257	1205	4.05	cps
Bismuth	209-1	9205584	9237510	9197301	9213465	0.23	cps
Bismuth	209-2	8045316	7995471	7958592	7999793	0.54	cps
Bromine	81-1	14607	14794	14924	14775	1.08	cps
Bromine	81-2	550	580	577	569	2.89	cps
Cadmium	108-1	1060	1137	1097	1098	3.49	cps
Cadmium	106-1	5648	5474	5128	5417	4.89	cps
Cadmium	111-1	15740	15765	15653	15719	0.37	cps
Calcium	43-1	534685	546172	539094	539984	1.07	cps
Calcium	44-1	8398693	8301503	8313931	8338043	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1943266	1958962	1946790	1949673	0.42	cps
Cobalt	59-2	1066693	1060848	1065144	1064228	0.28	cps
Copper	63-2	5406841	5371052	5369467	5382454	0.39	cps
Dysprosium	156-1	58789	59904	60142	59611	1.21	cps
Dysprosium	156-2	48045	47821	48119	47995	0.32	cps
Erbium	164-1	67853	69096	67817	68256	1.07	cps
Erbium	164-2	50421	49688	49514	49874	0.96	cps
Gadolinium	160-1	63523	63794	64039	63785	0.40	cps
Gadolinium	160-2	48253	48223	48266	48247	0.05	cps
Holmium	165-1	15455861	15266622	15446787	15389757	0.69	cps
Holmium	165-2	11349595	11408919	11329656	11362723	0.36	cps
Indium	115-1	12570554	12264581	12387739	12407624	1.24	cps
Indium	115-2	4627456	4631924	4519635	4593005	1.38	cps
Iron	56-2	955185906	947432706	946681559	949766724	0.50	cps
Iron	57-2	23785271	23482150	23552456	23606626	0.67	cps
Iron	54-2	52117943	52086538	52147699	52117393	0.06	cps
Krypton	83-1	320	363	347	343	6.37	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:39:02	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1171232	1173374	1170274	1171627	0.14	cps
Lead	207-1	1033915	1040678	1038568	1037720	0.33	cps
Lead	208-1	4810507	4863989	4830412	4834969	0.56	cps
Lithium	6-1	1635181	1632417	1634153	1633917	0.09	cps
Magnesium	24-2	29437697	29270946	29201171	29303272	0.41	cps
Manganese	55-2	14656889	14602364	14694576	14651276	0.32	cps
Molybdenum	94-1	63778	63457	62874	63370	0.72	cps
Molybdenum	95-1	6798	6858	6815	6824	0.45	cps
Molybdenum	96-1	26277	26795	26975	26682	1.36	cps
Molybdenum	97-1	4161	4057	4047	4088	1.54	cps
Molybdenum	98-1	10634	10114	10370	10373	2.51	cps
Neodymium	150-1	78138	78487	77106	77910	0.92	cps
Neodymium	150-2	48821	48673	48864	48786	0.20	cps
Nickel	60-2	466790	465969	464076	465611	0.30	cps
Phosphorus	31-2	14734	15054	15058	14948	1.24	cps
Potassium	39-2	934368	938924	932214	935169	0.37	cps
Rhodium	103-1	11433182	11315788	11196429	11315133	1.05	cps
Rhodium	103-2	6985559	6906747	6802003	6898103	1.33	cps
Scandium	45-1	7582331	7437174	7449772	7489759	1.07	cps
Scandium	45-2	654659	653183	651149	652997	0.27	cps
Selenium	82-1	659	650	611	640	3.97	cps
Selenium	77-2	157	190	173	173	9.61	cps
Selenium	78-2	727	643	687	686	6.08	cps
Silicon	28-1	17300349	17429203	17313255	17347603	0.41	cps
Silver	107-1	17909	17906	18191	18002	0.91	cps
Silver	109-1	17110	16900	16877	16962	0.76	cps
Sodium	23-2	144631	145536	144874	145014	0.32	cps
Strontium	86-1	276252	280427	279395	278691	0.78	cps
Strontium	88-1	2500431	2491826	2474648	2488968	0.53	cps
Sulfur	34-1	173957	175660	176176	175264	0.66	cps
Terbium	159-1	15819115	15745359	15644677	15736384	0.56	cps
Terbium	159-2	11191373	11127626	11057926	11125642	0.60	cps
Thallium	203-1	2207	2370	2437	2338	5.06	cps
Thallium	205-1	5538	5371	5228	5379	2.89	cps
Tin	118-1	14174	14144	14057	14125	0.43	cps
Titanium	47-1	4437262	4323535	4390479	4383759	1.30	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:39:02	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23093	23130	22940	23054	0.44	cps
Vanadium	51-2	2143529	2197155	2180628	2173771	1.26	cps
Yttrium	89-1	15885956	15678318	15667526	15743934	0.78	cps
Yttrium	89-2	4259452	4307608	4186044	4251034	1.44	cps
Zinc	66-2	413565	414109	411873	413182	0.28	cps
Zirconium	90-1	159495	163206	163165	161955	1.32	cps
Zirconium	91-1	36088	35707	36201	35999	0.72	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:42:06	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25439486	25322114	25078458	25280019	0.73	cps
Antimony	121-1	17247	17818	17357	17474	1.73	cps
Arsenic	75-2	116183	116183	116936	116434	0.37	cps
Barium	135-1	492817	509456	502533	501602	1.67	cps
Barium	137-1	850043	880802	880572	870472	2.03	cps
Beryllium	9-1	1210	1327	1090	1209	9.79	cps
Bismuth	209-1	10207724	9406067	9247729	9620506	5.35	cps
Bismuth	209-2	8159178	8031288	8088625	8093031	0.79	cps
Bromine	81-1	14824	14697	14611	14711	0.73	cps
Bromine	81-2	533	600	460	531	13.19	cps
Cadmium	108-1	1147	1227	1120	1165	4.77	cps
Cadmium	106-1	5688	5214	5224	5375	5.03	cps
Cadmium	111-1	14778	15260	15307	15115	1.94	cps
Calcium	43-1	508266	527036	527912	521071	2.13	cps
Calcium	44-1	7890847	8044136	8180918	8038633	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1855976	1862846	1881405	1866742	0.70	cps
Cobalt	59-2	1035440	1033817	1036453	1035236	0.13	cps
Copper	63-2	5164718	5138529	5204078	5169108	0.64	cps
Dysprosium	156-1	56500	56905	57909	57105	1.27	cps
Dysprosium	156-2	47557	47216	47219	47331	0.41	cps
Erbium	164-1	64696	65771	66902	65790	1.68	cps
Erbium	164-2	48711	49654	49517	49294	1.03	cps
Gadolinium	160-1	59165	60888	61477	60510	1.99	cps
Gadolinium	160-2	48202	47136	47895	47744	1.15	cps
Holmium	165-1	16747017	15521856	15554474	15941116	4.38	cps
Holmium	165-2	11374282	11308744	11532829	11405285	1.01	cps
Indium	115-1	13673734	12412239	12340754	12808909	5.85	cps
Indium	115-2	4621524	4663100	4636114	4640246	0.45	cps
Iron	56-2	912222813	909697293	920631773	914183960	0.63	cps
Iron	57-2	22644423	22547942	22699381	22630582	0.34	cps
Iron	54-2	49820901	49706631	50148894	49892142	0.46	cps
Krypton	83-1	333	307	297	312	6.07	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:42:06	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1102873	1136553	1144693	1128039	1.97	cps
Lead	207-1	971915	995000	997781	988232	1.44	cps
Lead	208-1	4546623	4644311	4683728	4624887	1.53	cps
Lithium	6-1	1800627	1624564	1653267	1692819	5.58	cps
Magnesium	24-2	28090615	28014582	27930657	28011952	0.29	cps
Manganese	55-2	14120301	14176158	14210687	14169049	0.32	cps
Molybdenum	94-1	59648	63410	63293	62117	3.44	cps
Molybdenum	95-1	6425	6682	6548	6552	1.96	cps
Molybdenum	96-1	25776	26210	26444	26143	1.30	cps
Molybdenum	97-1	4101	4217	4391	4236	3.45	cps
Molybdenum	98-1	9937	10404	10130	10157	2.31	cps
Neodymium	150-1	72552	76496	76519	75189	3.04	cps
Neodymium	150-2	47139	47496	47566	47400	0.48	cps
Nickel	60-2	451003	450093	453754	451616	0.42	cps
Phosphorus	31-2	13916	14313	14163	14131	1.42	cps
Potassium	39-2	922331	924483	917804	921539	0.37	cps
Rhodium	103-1	12491671	11323473	11359002	11724715	5.67	cps
Rhodium	103-2	6935872	6897834	6948171	6927292	0.38	cps
Scandium	45-1	8249439	7453948	7535930	7746439	5.65	cps
Scandium	45-2	647039	650384	647364	648262	0.28	cps
Selenium	82-1	601	708	645	651	8.27	cps
Selenium	77-2	250	167	213	210	19.89	cps
Selenium	78-2	670	580	773	674	14.34	cps
Silicon	28-1	17491251	18240655	17979948	17903951	2.12	cps
Silver	107-1	17280	18133	17360	17591	2.68	cps
Silver	109-1	16343	16696	16880	16640	1.64	cps
Sodium	23-2	141210	138529	139794	139844	0.96	cps
Strontium	86-1	262724	272368	268595	267895	1.81	cps
Strontium	88-1	2379818	2435143	2398456	2404472	1.17	cps
Sulfur	34-1	169795	171955	171224	170991	0.64	cps
Terbium	159-1	17341948	15845234	15881267	16356150	5.22	cps
Terbium	159-2	11114444	11113674	11141540	11123220	0.14	cps
Thallium	203-1	2450	2200	2347	2332	5.39	cps
Thallium	205-1	5151	5304	5244	5233	1.48	cps
Tin	118-1	13216	13950	13490	13552	2.74	cps
Titanium	47-1	4260913	4334175	4326369	4307152	0.93	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:42:06	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22112	23087	22860	22686	2.25	cps
Vanadium	51-2	2079016	2078899	2090958	2082958	0.33	cps
Yttrium	89-1	17365526	15688425	15596172	16216708	6.14	cps
Yttrium	89-2	4256762	4205704	4261408	4241291	0.73	cps
Zinc	66-2	398218	398955	399159	398777	0.12	cps
Zirconium	90-1	155112	159852	159512	158159	1.67	cps
Zirconium	91-1	34193	35757	36128	35359	2.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 21:45:08	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5350063	5391162	5292854	5344693	0.92	cps
Antimony	121-1	4251	3957	4007	4072	3.86	cps
Arsenic	75-2	24223	25459	24530	24737	2.60	cps
Barium	135-1	103670	105050	104963	104561	0.74	cps
Barium	137-1	181148	180790	182582	181507	0.52	cps
Beryllium	9-1	353	293	267	304	14.58	cps
Bismuth	209-1	9346544	9551500	9398470	9432172	1.13	cps
Bismuth	209-2	8210272	8138970	8177139	8175460	0.44	cps
Bromine	81-1	14364	13877	13900	14047	1.96	cps
Bromine	81-2	220	210	190	207	7.39	cps
Cadmium	108-1	263	253	287	268	6.39	cps
Cadmium	106-1	4001	3921	3711	3877	3.86	cps
Cadmium	111-1	5124	5254	5041	5140	2.10	cps
Calcium	43-1	109414	110438	110592	110148	0.58	cps
Calcium	44-1	1721203	1742159	1725012	1729458	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	387840	388818	386168	387608	0.35	cps
Cobalt	59-2	221237	222698	219934	221289	0.62	cps
Copper	63-2	1085530	1093168	1089038	1089246	0.35	cps
Dysprosium	156-1	11838	11942	11722	11834	0.93	cps
Dysprosium	156-2	9597	9537	9870	9668	1.84	cps
Erbium	164-1	13890	13910	13777	13859	0.52	cps
Erbium	164-2	10130	10230	10164	10175	0.50	cps
Gadolinium	160-1	12756	12429	12509	12565	1.36	cps
Gadolinium	160-2	9987	9967	10311	10088	1.91	cps
Holmium	165-1	15525898	15528777	15487410	15514028	0.15	cps
Holmium	165-2	11292673	11527491	11296333	11372166	1.18	cps
Indium	115-1	12605700	12660205	12600324	12622077	0.26	cps
Indium	115-2	4755690	4747465	4735953	4746369	0.21	cps
Iron	56-2	194643564	197780370	195746704	196056879	0.81	cps
Iron	57-2	4872486	4927520	4811042	4870349	1.20	cps
Iron	54-2	10619464	10757432	10607903	10661600	0.78	cps
Krypton	83-1	277	300	237	271	11.82	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 21:45:08	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	241722	245512	240266	242500	1.12	cps
Lead	207-1	212256	212165	212229	212217	0.02	cps
Lead	208-1	965995	969865	961306	965722	0.44	cps
Lithium	6-1	1634485	1648510	1600757	1627917	1.51	cps
Magnesium	24-2	5998225	5983208	5952940	5978124	0.39	cps
Manganese	55-2	3009781	2999025	3005633	3004813	0.18	cps
Molybdenum	94-1	13563	13560	13797	13640	1.00	cps
Molybdenum	95-1	2464	2480	2620	2521	3.41	cps
Molybdenum	96-1	6685	6612	7185	6827	4.57	cps
Molybdenum	97-1	1553	1663	1603	1607	3.43	cps
Molybdenum	98-1	4191	3757	3924	3957	5.53	cps
Neodymium	150-1	15609	15679	15809	15699	0.65	cps
Neodymium	150-2	9547	10210	9630	9796	3.69	cps
Nickel	60-2	98782	99423	98735	98980	0.39	cps
Phosphorus	31-2	3227	3104	3054	3128	2.85	cps
Potassium	39-2	233788	237182	236136	235702	0.74	cps
Rhodium	103-1	11680320	11627896	11626019	11644745	0.26	cps
Rhodium	103-2	7124691	7205012	7145956	7158553	0.58	cps
Scandium	45-1	6872283	6940125	6906197	6906202	0.49	cps
Scandium	45-2	604694	604939	604317	604650	0.05	cps
Selenium	82-1	289	225	263	259	12.48	cps
Selenium	77-2	37	47	40	41	12.39	cps
Selenium	78-2	513	480	460	484	5.56	cps
Silicon	28-1	4175116	4194061	4249002	4206059	0.91	cps
Silver	107-1	4214	4183	4373	4257	2.39	cps
Silver	109-1	3891	3791	3841	3841	1.30	cps
Sodium	23-2	53696	53563	54084	53781	0.50	cps
Strontium	86-1	56237	56913	56762	56637	0.63	cps
Strontium	88-1	488371	487282	491124	488926	0.41	cps
Sulfur	34-1	165563	164919	164818	165100	0.24	cps
Terbium	159-1	15861194	15642837	15802197	15768743	0.72	cps
Terbium	159-2	11211145	11229266	11113374	11184595	0.56	cps
Thallium	203-1	1100	1090	1057	1082	2.10	cps
Thallium	205-1	2757	2577	2654	2663	3.39	cps
Tin	118-1	4567	4444	4414	4475	1.82	cps
Titanium	47-1	866374	863918	866630	865641	0.17	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 21:45:08	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5455	5244	5264	5321	2.18	cps
Vanadium	51-2	430143	427833	424460	427479	0.67	cps
Yttrium	89-1	15241555	14900011	14944679	15028748	1.24	cps
Yttrium	89-2	4099888	4121700	4085738	4102442	0.44	cps
Zinc	66-2	89677	90284	91005	90322	0.74	cps
Zirconium	90-1	32275	32653	32767	32565	0.79	cps
Zirconium	91-1	7332	7249	7405	7329	1.07	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:48:18	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26069900	26490509	26272796	26277735	0.80	cps
Antimony	121-1	403382	402699	402319	402800	0.13	cps
Arsenic	75-2	128625	128033	126170	127609	1.00	cps
Barium	135-1	8535271	8392735	8452082	8460029	0.85	cps
Barium	137-1	14668861	14659759	14498356	14608992	0.66	cps
Beryllium	9-1	83734	82879	83764	83459	0.60	cps
Bismuth	209-1	9590065	9439054	9424818	9484646	0.97	cps
Bismuth	209-2	8060175	7962338	8107314	8043276	0.92	cps
Bromine	81-1	15368	15758	15044	15390	2.32	cps
Bromine	81-2	530	520	537	529	1.59	cps
Cadmium	108-1	4624	4794	4487	4635	3.32	cps
Cadmium	106-1	9950	9773	10107	9943	1.68	cps
Cadmium	111-1	65171	65518	65872	65520	0.53	cps
Calcium	43-1	541829	535714	535186	537576	0.69	cps
Calcium	44-1	8381633	8349470	8322117	8351073	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3170114	3155099	3116457	3147223	0.88	cps
Cobalt	59-2	5935465	5907638	5923156	5922086	0.24	cps
Copper	63-2	7001730	6895531	6933863	6943708	0.77	cps
Dysprosium	156-1	59546	59104	60225	59625	0.95	cps
Dysprosium	156-2	49152	48704	49112	48989	0.51	cps
Erbium	164-1	68302	69026	68319	68549	0.60	cps
Erbium	164-2	50611	51009	50243	50621	0.76	cps
Gadolinium	160-1	63242	64474	62833	63516	1.34	cps
Gadolinium	160-2	48948	48169	48129	48416	0.95	cps
Holmium	165-1	15899743	15643746	15406984	15650157	1.57	cps
Holmium	165-2	11591906	11535421	11311851	11479726	1.29	cps
Indium	115-1	12601943	12571147	12674294	12615795	0.42	cps
Indium	115-2	4608400	4581695	4599723	4596606	0.30	cps
Iron	56-2	942402839	948260999	944461773	945041870	0.31	cps
Iron	57-2	23512434	23482947	23481445	23492275	0.07	cps
Iron	54-2	51740953	51168528	51070814	51326765	0.71	cps
Krypton	83-1	337	377	337	350	6.60	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:48:18	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1240611	1237256	1237769	1238545	0.15	cps
Lead	207-1	1094530	1085995	1085917	1088814	0.45	cps
Lead	208-1	5131907	5128644	5103991	5121514	0.30	cps
Lithium	6-1	1650213	1662266	1612050	1641510	1.60	cps
Magnesium	24-2	28211584	29025521	28715020	28650708	1.43	cps
Manganese	55-2	16894105	16841096	16710625	16815275	0.56	cps
Molybdenum	94-1	63761	62700	63336	63266	0.84	cps
Molybdenum	95-1	7045	6965	6872	6961	1.25	cps
Molybdenum	96-1	27202	27275	26608	27028	1.36	cps
Molybdenum	97-1	4371	4257	4221	4283	1.83	cps
Molybdenum	98-1	10294	10787	10130	10404	3.29	cps
Neodymium	150-1	79696	79519	78276	79164	0.98	cps
Neodymium	150-2	49048	48921	48299	48756	0.82	cps
Nickel	60-2	1737371	1740125	1727791	1735096	0.37	cps
Phosphorus	31-2	13986	14600	13970	14186	2.53	cps
Potassium	39-2	893164	909227	902242	901545	0.89	cps
Rhodium	103-1	11706954	11534346	11441638	11560979	1.16	cps
Rhodium	103-2	6964593	6961084	6871991	6932556	0.76	cps
Scandium	45-1	7610751	7522785	7623154	7585563	0.72	cps
Scandium	45-2	639498	645641	641222	642120	0.49	cps
Selenium	82-1	1866	1832	1874	1857	1.21	cps
Selenium	77-2	253	327	320	300	13.52	cps
Selenium	78-2	1140	1173	1093	1136	3.54	cps
Silicon	28-1	17311482	17182948	16935053	17143161	1.12	cps
Silver	107-1	874956	839215	828599	847590	2.87	cps
Silver	109-1	872796	836722	815367	841628	3.45	cps
Sodium	23-2	140204	141092	142862	141386	0.96	cps
Strontium	86-1	279652	277723	277254	278210	0.46	cps
Strontium	88-1	2491020	2463945	2473021	2475996	0.56	cps
Sulfur	34-1	173731	171965	170812	172170	0.85	cps
Terbium	159-1	16344552	15969688	15887501	16067247	1.52	cps
Terbium	159-2	11235744	11255196	11127814	11206251	0.61	cps
Thallium	203-1	185701	184443	182443	184196	0.89	cps
Thallium	205-1	435114	436719	437757	436530	0.31	cps
Tin	118-1	14217	13880	13863	13987	1.43	cps
Titanium	47-1	4355569	4421904	4290425	4355966	1.51	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:48:18	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23467	23745	23384	23532	0.80	cps
Vanadium	51-2	4825504	4750222	4809592	4795106	0.83	cps
Yttrium	89-1	15904280	15655169	15757301	15772250	0.79	cps
Yttrium	89-2	4211067	4196608	4219235	4208970	0.27	cps
Zinc	66-2	986734	982155	973806	980898	0.67	cps
Zirconium	90-1	160981	162953	161699	161878	0.62	cps
Zirconium	91-1	35466	36091	35897	35818	0.89	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:51:15	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26920333	26920358	26930371	26923687	0.02	cps
Antimony	121-1	3669741	3703713	3757014	3710156	1.19	cps
Arsenic	75-2	189202	187161	186891	187751	0.67	cps
Barium	135-1	31644218	32017824	31983349	31881797	0.65	cps
Barium	137-1	54322499	54671346	55168086	54720644	0.78	cps
Beryllium	9-1	327414	325483	328650	327183	0.49	cps
Bismuth	209-1	9539492	9349645	9331289	9406809	1.23	cps
Bismuth	209-2	8063838	8031538	8028978	8041451	0.24	cps
Bromine	81-1	14697	15084	14340	14707	2.53	cps
Bromine	81-2	547	500	600	549	9.12	cps
Cadmium	108-1	31548	32022	31501	31690	0.91	cps
Cadmium	106-1	47176	47364	46986	47175	0.40	cps
Cadmium	111-1	477865	476758	475380	476668	0.26	cps
Calcium	43-1	514597	516202	510026	513608	0.62	cps
Calcium	44-1	7979716	7999451	7863777	7947648	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6691247	6623892	6669648	6661596	0.52	cps
Cobalt	59-2	20107652	19908765	19930421	19982279	0.55	cps
Copper	63-2	11589817	11417093	11555370	11520760	0.79	cps
Dysprosium	156-1	57112	57055	57678	57282	0.60	cps
Dysprosium	156-2	47958	48560	48176	48231	0.63	cps
Erbium	164-1	66628	65961	66075	66221	0.54	cps
Erbium	164-2	48838	47888	48882	48536	1.16	cps
Gadolinium	160-1	60520	60339	60460	60440	0.15	cps
Gadolinium	160-2	47082	46433	46724	46747	0.70	cps
Holmium	165-1	15715232	15470539	15546086	15577286	0.80	cps
Holmium	165-2	11533172	11541350	11221073	11431865	1.60	cps
Indium	115-1	12559132	12343812	12327620	12410188	1.04	cps
Indium	115-2	4652512	4565328	4596947	4604929	0.96	cps
Iron	56-2	917211746	911319533	906062333	911531204	0.61	cps
Iron	57-2	22918349	22693952	22499609	22703970	0.92	cps
Iron	54-2	50082074	49949236	50055196	50028835	0.14	cps
Krypton	83-1	263	370	330	321	16.78	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:51:15	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1692068	1692666	1686703	1690479	0.19	cps
Lead	207-1	1458684	1445834	1455471	1453330	0.46	cps
Lead	208-1	6928549	6895158	6878463	6900723	0.37	cps
Lithium	6-1	1702251	1663059	1615275	1660195	2.62	cps
Magnesium	24-2	27366027	27270990	27159093	27265370	0.38	cps
Manganese	55-2	23157260	23050035	23312200	23173165	0.57	cps
Molybdenum	94-1	61000	60605	60340	60648	0.55	cps
Molybdenum	95-1	6892	6805	6958	6885	1.12	cps
Molybdenum	96-1	25726	26297	25843	25955	1.16	cps
Molybdenum	97-1	4154	4111	4101	4122	0.69	cps
Molybdenum	98-1	11104	11218	10534	10952	3.35	cps
Neodymium	150-1	76084	76777	76271	76377	0.47	cps
Neodymium	150-2	46811	46857	46095	46588	0.92	cps
Nickel	60-2	5271688	5285184	5257300	5271391	0.26	cps
Phosphorus	31-2	13319	13780	13309	13469	2.00	cps
Potassium	39-2	867582	866141	860820	864848	0.41	cps
Rhodium	103-1	11536995	11261925	11135969	11311630	1.81	cps
Rhodium	103-2	6872552	6837392	6789687	6833210	0.61	cps
Scandium	45-1	7542349	7451356	7353650	7449118	1.27	cps
Scandium	45-2	634723	629626	627407	630585	0.59	cps
Selenium	82-1	8372	8278	8229	8293	0.88	cps
Selenium	77-2	933	1037	993	988	5.25	cps
Selenium	78-2	3454	3480	3357	3430	1.89	cps
Silicon	28-1	16445195	16439396	16465340	16449977	0.08	cps
Silver	107-1	3642842	3759322	3143726	3515297	9.30	cps
Silver	109-1	4350007	4214493	3181628	3915376	16.32	cps
Sodium	23-2	137013	136395	136135	136514	0.33	cps
Strontium	86-1	268499	263982	261618	264700	1.32	cps
Strontium	88-1	2385774	2383090	2379752	2382872	0.13	cps
Sulfur	34-1	168966	169485	166580	168343	0.92	cps
Terbium	159-1	16140071	15922839	15686700	15916537	1.42	cps
Terbium	159-2	11161105	11191505	11003679	11118763	0.91	cps
Thallium	203-1	1660973	1661952	1660409	1661111	0.05	cps
Thallium	205-1	4219499	4226540	4226351	4224130	0.09	cps
Tin	118-1	13193	13673	14084	13650	3.27	cps
Titanium	47-1	4151082	4163975	4116810	4143956	0.59	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:51:15	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22155	22506	22696	22452	1.22	cps
Vanadium	51-2	12513731	12463650	12586874	12521418	0.49	cps
Yttrium	89-1	15649756	15632118	15539637	15607170	0.38	cps
Yttrium	89-2	4249719	4157157	4158819	4188565	1.26	cps
Zinc	66-2	2715875	2713157	2694404	2707812	0.43	cps
Zirconium	90-1	154924	154684	154014	154541	0.30	cps
Zirconium	91-1	34467	34470	34263	34400	0.35	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-01	Instrumnet Name :	P7
Client Sample ID :	MYCZF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:54:10	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10171652	10222624	10157149	10183808	0.34	cps
Antimony	121-1	4401	3784	3630	3938	10.35	cps
Arsenic	75-2	51037	50442	50064	50514	0.97	cps
Barium	135-1	965190	975705	956172	965689	1.01	cps
Barium	137-1	1735015	1753873	1741344	1743411	0.55	cps
Beryllium	9-1	1630	1587	1647	1621	1.91	cps
Bismuth	209-1	9691066	9581928	9532333	9601776	0.85	cps
Bismuth	209-2	8232748	8197306	8210230	8213428	0.22	cps
Bromine	81-1	14974	14751	14587	14771	1.32	cps
Bromine	81-2	460	473	430	454	4.88	cps
Cadmium	108-1	677	583	600	620	8.03	cps
Cadmium	106-1	5054	5001	4818	4958	2.50	cps
Cadmium	111-1	9011	9329	9135	9159	1.75	cps
Calcium	43-1	781675	778714	784169	781519	0.35	cps
Calcium	44-1	12287552	12330697	12156943	12258397	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	466377	462539	463269	464062	0.44	cps
Cobalt	59-2	512096	511336	505920	509784	0.66	cps
Copper	63-2	940096	941647	937270	939671	0.24	cps
Dysprosium	156-1	90049	89919	90270	90080	0.20	cps
Dysprosium	156-2	77462	78675	79195	78444	1.13	cps
Erbium	164-1	81013	81912	81331	81419	0.56	cps
Erbium	164-2	60503	58967	59362	59611	1.34	cps
Gadolinium	160-1	85854	86343	84959	85719	0.82	cps
Gadolinium	160-2	66282	65938	66470	66230	0.41	cps
Holmium	165-1	16295566	15645938	15713631	15885045	2.25	cps
Holmium	165-2	11609214	11448627	11652373	11570071	0.93	cps
Indium	115-1	13159283	12714433	12496089	12789935	2.64	cps
Indium	115-2	4651339	4688749	4685684	4675258	0.44	cps
Iron	56-2	349169768	349193261	351662595	350008541	0.41	cps
Iron	57-2	8605701	8696249	8528188	8610046	0.98	cps
Iron	54-2	19128918	18996260	18954211	19026463	0.48	cps
Krypton	83-1	330	353	270	318	13.53	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-01	Instrumnet Name :	P7
Client Sample ID :	MYCZF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:54:10	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1024256	1016593	1018644	1019831	0.39	cps
Lead	207-1	925711	930605	914137	923485	0.92	cps
Lead	208-1	4272010	4321486	4254536	4282678	0.81	cps
Lithium	6-1	1745900	1657895	1649538	1684444	3.17	cps
Magnesium	24-2	10314208	10500099	10368056	10394121	0.92	cps
Manganese	55-2	9183649	9250107	9204729	9212828	0.37	cps
Molybdenum	94-1	89632	88649	87761	88681	1.06	cps
Molybdenum	95-1	9150	9216	9086	9151	0.71	cps
Molybdenum	96-1	27704	27068	26951	27241	1.49	cps
Molybdenum	97-1	5761	5441	5361	5521	3.84	cps
Molybdenum	98-1	14394	14594	14387	14458	0.81	cps
Neodymium	150-1	143619	143326	143602	143515	0.11	cps
Neodymium	150-2	90015	89609	88234	89286	1.05	cps
Nickel	60-2	152647	151435	152278	152120	0.41	cps
Phosphorus	31-2	45340	44932	45140	45137	0.45	cps
Potassium	39-2	6515285	6539391	6426556	6493744	0.92	cps
Rhodium	103-1	11772011	11704954	11266750	11581238	2.37	cps
Rhodium	103-2	7042844	7089952	7005578	7046124	0.60	cps
Scandium	45-1	7341921	7074617	6883368	7099969	3.24	cps
Scandium	45-2	597304	598232	591941	595826	0.57	cps
Selenium	82-1	529	473	558	520	8.26	cps
Selenium	77-2	193	237	257	229	14.14	cps
Selenium	78-2	687	660	593	647	7.43	cps
Silicon	28-1	11880639	11800473	12201499	11960870	1.77	cps
Silver	107-1	7041	6132	5775	6316	10.34	cps
Silver	109-1	6482	5718	5354	5851	9.83	cps
Sodium	23-2	332980	332605	327199	330928	0.98	cps
Strontium	86-1	547082	549156	548685	548307	0.20	cps
Strontium	88-1	4950957	4890449	4864297	4901901	0.91	cps
Sulfur	34-1	256748	257627	256501	256959	0.23	cps
Terbium	159-1	16532491	16214953	15926126	16224523	1.87	cps
Terbium	159-2	11426856	11425054	11484821	11445577	0.30	cps
Thallium	203-1	4204	4157	3884	4082	4.24	cps
Thallium	205-1	9824	9247	9096	9389	4.09	cps
Tin	118-1	3400	3347	3177	3308	3.53	cps
Titanium	47-1	745538	751801	751525	749621	0.47	cps

Reviewed By:Mohan
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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-01	Instrumnet Name :	P7
Client Sample ID :	MYCZF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:54:10	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39546	39322	39258	39375	0.38	cps
Vanadium	51-2	601959	601180	598079	600406	0.34	cps
Yttrium	89-1	16469617	16133470	15796409	16133165	2.09	cps
Yttrium	89-2	4252409	4288812	4305130	4282117	0.63	cps
Zinc	66-2	479569	474954	477848	477457	0.49	cps
Zirconium	90-1	228939	227549	229071	228519	0.37	cps
Zirconium	91-1	50921	50624	51185	50910	0.55	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-02	Instrumnet Name :	P7
Client Sample ID :	MYCZG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:57:15	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7450081	7293855	7372023	7371986	1.06	cps
Antimony	121-1	1253	1093	1227	1191	7.20	cps
Arsenic	75-2	113073	111864	111175	112037	0.86	cps
Barium	135-1	1234189	1227905	1219819	1227305	0.59	cps
Barium	137-1	2220292	2206615	2192851	2206586	0.62	cps
Beryllium	9-1	1343	1420	1423	1396	3.24	cps
Bismuth	209-1	9520428	9609629	9526984	9552347	0.52	cps
Bismuth	209-2	8266235	8292499	8309108	8289281	0.26	cps
Bromine	81-1	14174	14974	15004	14717	3.20	cps
Bromine	81-2	450	400	430	427	5.90	cps
Cadmium	108-1	203	253	220	226	11.29	cps
Cadmium	106-1	4107	4261	4154	4174	1.88	cps
Cadmium	111-1	5057	5015	4991	5021	0.66	cps
Calcium	43-1	668510	670518	663599	667542	0.53	cps
Calcium	44-1	10502375	10340928	10356962	10400088	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	696398	693637	690457	693497	0.43	cps
Cobalt	59-2	334517	335183	336936	335545	0.37	cps
Copper	63-2	465876	463088	466055	465006	0.36	cps
Dysprosium	156-1	101121	100734	101211	101022	0.25	cps
Dysprosium	156-2	87141	87923	89429	88164	1.32	cps
Erbium	164-1	85855	86676	85258	85930	0.83	cps
Erbium	164-2	63400	62760	62080	62747	1.05	cps
Gadolinium	160-1	96580	95774	96167	96174	0.42	cps
Gadolinium	160-2	73933	73589	72382	73301	1.11	cps
Holmium	165-1	15907997	15628266	15597194	15711152	1.09	cps
Holmium	165-2	11601265	11557058	11588035	11582120	0.20	cps
Indium	115-1	12795969	12646225	12633695	12691963	0.71	cps
Indium	115-2	4648887	4712676	4689529	4683697	0.69	cps
Iron	56-2	287353796	285714622	286940089	286669502	0.30	cps
Iron	57-2	7052536	7081226	7110667	7081476	0.41	cps
Iron	54-2	15498700	15476154	15517884	15497579	0.13	cps
Krypton	83-1	377	343	280	333	14.73	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-02	Instrumnet Name :	P7
Client Sample ID :	MYCZG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:57:15	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	672547	671516	666077	670047	0.52	cps
Lead	207-1	587706	589716	588667	588696	0.17	cps
Lead	208-1	2648100	2641401	2618189	2635897	0.60	cps
Lithium	6-1	1705069	1655934	1653224	1671409	1.75	cps
Magnesium	24-2	7405919	7300384	7337211	7347838	0.73	cps
Manganese	55-2	19366293	19162600	19343588	19290827	0.58	cps
Molybdenum	94-1	18071	24912	18408	20464	18.84	cps
Molybdenum	95-1	6602	6555	6588	6582	0.37	cps
Molybdenum	96-1	12172	11935	11915	12007	1.19	cps
Molybdenum	97-1	4024	4004	3734	3921	4.13	cps
Molybdenum	98-1	9960	10050	9813	9941	1.20	cps
Neodymium	150-1	172075	170675	169859	170870	0.66	cps
Neodymium	150-2	107388	106727	106794	106970	0.34	cps
Nickel	60-2	260092	256931	261778	259600	0.95	cps
Phosphorus	31-2	31907	32631	32655	32398	1.31	cps
Potassium	39-2	3667567	3685207	3631503	3661426	0.75	cps
Rhodium	103-1	11699918	11698023	11457078	11618340	1.20	cps
Rhodium	103-2	7003964	7067722	7002596	7024761	0.53	cps
Scandium	45-1	7108475	6993631	7002249	7034785	0.91	cps
Scandium	45-2	596403	596710	593617	595577	0.29	cps
Selenium	82-1	301	318	410	343	17.07	cps
Selenium	77-2	233	263	290	262	10.81	cps
Selenium	78-2	630	583	620	611	4.02	cps
Silicon	28-1	11253021	11380968	11265606	11299865	0.62	cps
Silver	107-1	2804	2638	2749	2730	3.11	cps
Silver	109-1	2270	2194	2234	2232	1.72	cps
Sodium	23-2	273750	274255	273624	273876	0.12	cps
Strontium	86-1	376381	372793	375064	374746	0.48	cps
Strontium	88-1	3387543	3367229	3355990	3370254	0.47	cps
Sulfur	34-1	184614	187563	186790	186322	0.82	cps
Terbium	159-1	16082087	16071516	15997647	16050417	0.29	cps
Terbium	159-2	11458045	11317161	11397076	11390760	0.62	cps
Thallium	203-1	3707	3637	3637	3661	1.10	cps
Thallium	205-1	8686	8569	8383	8546	1.79	cps
Tin	118-1	2687	2554	2534	2591	3.22	cps
Titanium	47-1	412905	410048	408049	410334	0.59	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-02	Instrumnet Name :	P7
Client Sample ID :	MYCZG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 21:57:15	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55469	55083	55311	55288	0.35	cps
Vanadium	51-2	455439	456028	453246	454904	0.32	cps
Yttrium	89-1	16182506	16034353	15863998	16026952	0.99	cps
Yttrium	89-2	4298968	4306353	4262680	4289333	0.54	cps
Zinc	66-2	197488	195641	196947	196692	0.48	cps
Zirconium	90-1	39256	38808	39811	39292	1.28	cps
Zirconium	91-1	9100	9326	9083	9170	1.48	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:00:23	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5737263	5739075	5691357	5722565	0.47	cps
Antimony	121-1	993	1060	1027	1027	3.25	cps
Arsenic	75-2	17991	17544	17968	17834	1.41	cps
Barium	135-1	535123	527728	520472	527774	1.39	cps
Barium	137-1	920952	912803	914249	916001	0.47	cps
Beryllium	9-1	967	950	963	960	0.92	cps
Bismuth	209-1	9811900	9618557	9705364	9711940	1.00	cps
Bismuth	209-2	8290710	8212852	8265090	8256217	0.48	cps
Bromine	81-1	14244	14347	13993	14195	1.28	cps
Bromine	81-2	273	267	300	280	6.30	cps
Cadmium	108-1	223	197	197	206	7.49	cps
Cadmium	106-1	4091	3921	4147	4053	2.91	cps
Cadmium	111-1	4317	4217	4305	4280	1.27	cps
Calcium	43-1	311914	311754	312179	311949	0.07	cps
Calcium	44-1	4837458	4837323	4815899	4830227	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234000	233554	235368	234307	0.40	cps
Cobalt	59-2	207247	206255	206960	206820	0.25	cps
Copper	63-2	758982	748285	751855	753041	0.72	cps
Dysprosium	156-1	51618	50862	51029	51170	0.78	cps
Dysprosium	156-2	44942	44804	44437	44728	0.58	cps
Erbium	164-1	47313	45651	46179	46381	1.83	cps
Erbium	164-2	34282	32905	33413	33534	2.08	cps
Gadolinium	160-1	49634	49641	49979	49751	0.40	cps
Gadolinium	160-2	38590	37955	38205	38250	0.84	cps
Holmium	165-1	15876848	15710866	15868422	15818712	0.59	cps
Holmium	165-2	11635159	11545124	11538376	11572887	0.47	cps
Indium	115-1	13124637	12737766	12836727	12899710	1.56	cps
Indium	115-2	4733350	4691151	4643416	4689306	0.96	cps
Iron	56-2	216322137	215798090	213588850	215236359	0.67	cps
Iron	57-2	5280585	5267827	5281750	5276721	0.15	cps
Iron	54-2	11590526	11706160	11623097	11639928	0.51	cps
Krypton	83-1	270	277	323	290	10.02	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:00:23	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	288254	283657	282912	284941	1.02	cps
Lead	207-1	245609	244315	244282	244735	0.31	cps
Lead	208-1	1119257	1109161	1108982	1112467	0.53	cps
Lithium	6-1	1698276	1698244	1669380	1688633	0.99	cps
Magnesium	24-2	5782405	5711523	5717691	5737206	0.68	cps
Manganese	55-2	3922986	3933449	3903841	3920092	0.38	cps
Molybdenum	94-1	31521	31257	31263	31347	0.48	cps
Molybdenum	95-1	1770	1757	1703	1743	2.02	cps
Molybdenum	96-1	9163	9323	9190	9225	0.93	cps
Molybdenum	97-1	1180	1077	1120	1126	4.61	cps
Molybdenum	98-1	2854	2850	2774	2826	1.60	cps
Neodymium	150-1	87912	87918	86111	87314	1.19	cps
Neodymium	150-2	53491	54134	54217	53947	0.74	cps
Nickel	60-2	82458	80896	81691	81682	0.96	cps
Phosphorus	31-2	21068	20687	20277	20677	1.91	cps
Potassium	39-2	2166916	2143769	2163029	2157905	0.57	cps
Rhodium	103-1	12014429	11816733	11753114	11861426	1.15	cps
Rhodium	103-2	7019263	7182502	7103023	7101596	1.15	cps
Scandium	45-1	7167796	7080237	7053582	7100539	0.84	cps
Scandium	45-2	603714	595171	598555	599147	0.72	cps
Selenium	82-1	320	309	206	278	22.64	cps
Selenium	77-2	147	170	160	159	7.37	cps
Selenium	78-2	550	550	513	538	3.94	cps
Silicon	28-1	8696917	8595527	8567410	8619951	0.79	cps
Silver	107-1	2203	1989	1836	2010	9.18	cps
Silver	109-1	1603	1570	1567	1580	1.28	cps
Sodium	23-2	142039	142350	138574	140987	1.49	cps
Strontium	86-1	163847	160062	161932	161947	1.17	cps
Strontium	88-1	1416608	1405842	1410245	1410898	0.38	cps
Sulfur	34-1	169238	167237	166647	167708	0.81	cps
Terbium	159-1	16373919	15967397	16089879	16143732	1.29	cps
Terbium	159-2	11485816	11198903	11341947	11342222	1.26	cps
Thallium	203-1	2010	2170	2147	2109	4.10	cps
Thallium	205-1	5631	5004	5054	5230	6.66	cps
Tin	118-1	3674	4295	3491	3820	11.04	cps
Titanium	47-1	771526	772892	768124	770847	0.32	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:00:23	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21654	21922	21611	21729	0.77	cps
Vanadium	51-2	458296	460244	454090	457544	0.69	cps
Yttrium	89-1	16048455	15689876	15669792	15802708	1.35	cps
Yttrium	89-2	4152478	4138051	4133193	4141240	0.24	cps
Zinc	66-2	197592	195394	194573	195853	0.80	cps
Zirconium	90-1	83448	82899	81525	82624	1.20	cps
Zirconium	91-1	18211	18569	18178	18319	1.18	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:03:33	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6035593	6035811	6029982	6033795	0.05	cps
Antimony	121-1	967	1030	1140	1046	8.39	cps
Arsenic	75-2	21185	20474	20901	20854	1.72	cps
Barium	135-1	597530	593151	587224	592635	0.87	cps
Barium	137-1	1048151	1026925	1022347	1032474	1.33	cps
Beryllium	9-1	1093	993	1017	1034	5.06	cps
Bismuth	209-1	9636934	9634270	9400468	9557224	1.42	cps
Bismuth	209-2	8316225	8236474	8116347	8223015	1.22	cps
Bromine	81-1	14170	14497	14237	14301	1.21	cps
Bromine	81-2	280	327	280	296	9.11	cps
Cadmium	108-1	180	183	213	192	9.55	cps
Cadmium	106-1	4024	4067	4031	4041	0.58	cps
Cadmium	111-1	4454	4423	4483	4453	0.68	cps
Calcium	43-1	365989	362600	359249	362612	0.93	cps
Calcium	44-1	5679141	5648262	5502497	5609967	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241212	242069	241179	241487	0.21	cps
Cobalt	59-2	229454	229986	227854	229098	0.48	cps
Copper	63-2	754117	755814	753391	754440	0.16	cps
Dysprosium	156-1	57162	57209	56459	56944	0.74	cps
Dysprosium	156-2	48467	49550	49045	49021	1.11	cps
Erbium	164-1	52137	50548	50698	51128	1.72	cps
Erbium	164-2	36765	37717	37092	37192	1.30	cps
Gadolinium	160-1	56413	54780	53277	54823	2.86	cps
Gadolinium	160-2	42504	41745	42006	42085	0.92	cps
Holmium	165-1	16103069	15758429	15500164	15787220	1.92	cps
Holmium	165-2	11627439	11328340	11571317	11509032	1.38	cps
Indium	115-1	13039154	12867171	12698789	12868371	1.32	cps
Indium	115-2	4734742	4723985	4626273	4695000	1.27	cps
Iron	56-2	233487630	231884650	230201043	231857774	0.71	cps
Iron	57-2	5703052	5725117	5741187	5723119	0.33	cps
Iron	54-2	12637591	12616034	12466247	12573291	0.74	cps
Krypton	83-1	313	263	263	280	10.31	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:03:33	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	353377	347016	344681	348358	1.29	cps
Lead	207-1	304491	299410	299694	301198	0.95	cps
Lead	208-1	1378690	1359707	1357622	1365340	0.85	cps
Lithium	6-1	1747721	1679912	1674663	1700765	2.40	cps
Magnesium	24-2	6100572	6070903	6078567	6083347	0.25	cps
Manganese	55-2	4295889	4253250	4230112	4259750	0.78	cps
Molybdenum	94-1	30532	30675	30495	30567	0.31	cps
Molybdenum	95-1	2097	2157	2074	2109	2.04	cps
Molybdenum	96-1	9740	9570	9560	9623	1.05	cps
Molybdenum	97-1	1323	1300	1307	1310	0.92	cps
Molybdenum	98-1	3177	3174	3297	3216	2.19	cps
Neodymium	150-1	97165	96215	95836	96406	0.71	cps
Neodymium	150-2	59016	59237	59003	59085	0.22	cps
Nickel	60-2	90934	89491	88599	89675	1.31	cps
Phosphorus	31-2	23408	23638	22754	23267	1.97	cps
Potassium	39-2	2296258	2287445	2267982	2283895	0.63	cps
Rhodium	103-1	11854384	11783362	11576156	11737968	1.23	cps
Rhodium	103-2	7132586	7129849	7004736	7089057	1.03	cps
Scandium	45-1	7209979	7048509	7022023	7093504	1.43	cps
Scandium	45-2	599654	599865	595153	598224	0.44	cps
Selenium	82-1	305	362	341	336	8.64	cps
Selenium	77-2	180	140	110	143	24.50	cps
Selenium	78-2	540	523	540	534	1.80	cps
Silicon	28-1	8669973	8830010	8664747	8721576	1.08	cps
Silver	107-1	2208	2193	2260	2220	1.58	cps
Silver	109-1	1867	1857	1913	1879	1.61	cps
Sodium	23-2	162773	161665	162342	162260	0.34	cps
Strontium	86-1	184283	184997	182854	184045	0.59	cps
Strontium	88-1	1650761	1611182	1618710	1626884	1.29	cps
Sulfur	34-1	169492	167995	168413	168633	0.46	cps
Terbium	159-1	16490731	16113050	15924135	16175972	1.78	cps
Terbium	159-2	11226393	11266387	11276508	11256429	0.24	cps
Thallium	203-1	2350	2450	2250	2350	4.26	cps
Thallium	205-1	5741	5474	5761	5659	2.83	cps
Tin	118-1	3457	3971	4246	3891	10.29	cps
Titanium	47-1	815871	818176	811050	815032	0.45	cps

Reviewed By:Mohan
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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:03:33	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23467	23628	23684	23593	0.48	cps
Vanadium	51-2	468614	462563	463435	464871	0.70	cps
Yttrium	89-1	15764327	15573659	15460458	15599481	0.98	cps
Yttrium	89-2	4162324	4205508	4169872	4179235	0.55	cps
Zinc	66-2	256063	254601	253954	254873	0.42	cps
Zirconium	90-1	79145	79416	79946	79502	0.51	cps
Zirconium	91-1	18081	17491	17320	17631	2.27	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 22:06:42	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1105603	1113028	1100522	1106384	0.57	cps
Antimony	121-1	270	273	203	249	15.87	cps
Arsenic	75-2	3580	3574	3557	3570	0.34	cps
Barium	135-1	102425	100860	103170	102152	1.15	cps
Barium	137-1	177460	175015	175962	176145	0.70	cps
Beryllium	9-1	240	203	243	229	9.70	cps
Bismuth	209-1	9335098	9336575	9215241	9295638	0.75	cps
Bismuth	209-2	8141904	8121300	8222488	8161897	0.66	cps
Bromine	81-1	13143	13977	13266	13462	3.34	cps
Bromine	81-2	147	177	163	162	9.27	cps
Cadmium	108-1	47	13	33	31	53.94	cps
Cadmium	106-1	3587	3507	3500	3532	1.37	cps
Cadmium	111-1	2827	2790	2752	2790	1.34	cps
Calcium	43-1	61069	60721	60624	60804	0.38	cps
Calcium	44-1	993442	986723	978827	986331	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47270	47859	47391	47507	0.65	cps
Cobalt	59-2	41922	42022	41631	41858	0.49	cps
Copper	63-2	153467	154370	152652	153496	0.56	cps
Dysprosium	156-1	9580	10254	10134	9989	3.60	cps
Dysprosium	156-2	8843	8673	9196	8904	3.00	cps
Erbium	164-1	8613	8883	8663	8719	1.65	cps
Erbium	164-2	6498	6415	6608	6507	1.49	cps
Gadolinium	160-1	9290	9610	9567	9489	1.83	cps
Gadolinium	160-2	8066	7649	8029	7915	2.92	cps
Holmium	165-1	15390608	15189226	15493358	15357731	1.01	cps
Holmium	165-2	11331181	11217107	11327387	11291892	0.57	cps
Indium	115-1	12763993	12509756	12793208	12688986	1.23	cps
Indium	115-2	4701448	4623154	4729112	4684571	1.17	cps
Iron	56-2	42861316	42437423	42618691	42639143	0.50	cps
Iron	57-2	1077243	1075206	1067364	1073271	0.49	cps
Iron	54-2	2351595	2324866	2325064	2333841	0.66	cps
Krypton	83-1	243	247	243	244	0.79	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 22:06:42	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	54830	54991	56764	55528	1.93	cps
Lead	207-1	48904	47352	48429	48229	1.65	cps
Lead	208-1	216649	218192	218785	217875	0.51	cps
Lithium	6-1	1635899	1624039	1590300	1616746	1.46	cps
Magnesium	24-2	1139663	1096572	1135544	1123926	2.12	cps
Manganese	55-2	762621	765061	759787	762490	0.35	cps
Molybdenum	94-1	6235	6405	6488	6376	2.03	cps
Molybdenum	95-1	423	423	377	408	6.61	cps
Molybdenum	96-1	1927	1913	1973	1938	1.63	cps
Molybdenum	97-1	253	283	253	263	6.58	cps
Molybdenum	98-1	640	653	550	614	9.15	cps
Neodymium	150-1	16643	17274	16300	16739	2.95	cps
Neodymium	150-2	10501	10741	10454	10565	1.46	cps
Nickel	60-2	16803	17157	17197	17052	1.27	cps
Phosphorus	31-2	4334	4484	4101	4306	4.49	cps
Potassium	39-2	479475	483585	478709	480589	0.55	cps
Rhodium	103-1	11679039	11595473	11597999	11624170	0.41	cps
Rhodium	103-2	7124481	7038756	7066968	7076735	0.62	cps
Scandium	45-1	6809066	6618980	6813201	6747082	1.64	cps
Scandium	45-2	582265	579084	581763	581037	0.29	cps
Selenium	82-1	188	164	156	170	9.88	cps
Selenium	77-2	37	33	17	29	37.08	cps
Selenium	78-2	487	487	443	472	5.30	cps
Silicon	28-1	2330047	2360471	2433503	2374674	2.24	cps
Silver	107-1	426	559	456	480	14.55	cps
Silver	109-1	483	437	363	428	14.14	cps
Sodium	23-2	45480	44330	44762	44857	1.30	cps
Strontium	86-1	32329	31477	31945	31917	1.34	cps
Strontium	88-1	272678	273813	274015	273502	0.26	cps
Sulfur	34-1	154724	154549	155545	154939	0.34	cps
Terbium	159-1	15650291	15526006	15412311	15529536	0.77	cps
Terbium	159-2	11248117	11087368	11247423	11194303	0.83	cps
Thallium	203-1	793	800	703	766	7.05	cps
Thallium	205-1	1757	1817	1627	1733	5.60	cps
Tin	118-1	3803	2474	2377	2884	27.62	cps
Titanium	47-1	150618	148106	150355	149693	0.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 22:06:42	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4094	4077	4074	4082	0.26	cps
Vanadium	51-2	90767	91709	91998	91492	0.70	cps
Yttrium	89-1	14806389	14725629	14775089	14769036	0.28	cps
Yttrium	89-2	4048879	4017905	4040891	4035892	0.40	cps
Zinc	66-2	39756	38947	39028	39244	1.14	cps
Zirconium	90-1	16746	16229	16386	16454	1.61	cps
Zirconium	91-1	3821	3567	3767	3718	3.59	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:09:53	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6238065	6174496	6156875	6189812	0.69	cps
Antimony	121-1	1033360	1026358	1011803	1023840	1.07	cps
Arsenic	75-2	39506	39680	39974	39720	0.60	cps
Barium	135-1	6153766	6026486	5965075	6048442	1.59	cps
Barium	137-1	10666472	10449647	10345914	10487344	1.56	cps
Beryllium	9-1	58841	57841	57523	58068	1.18	cps
Bismuth	209-1	9664884	9582989	9606923	9618266	0.44	cps
Bismuth	209-2	8194996	8159948	8301095	8218680	0.89	cps
Bromine	81-1	13676	13683	13206	13522	2.02	cps
Bromine	81-2	270	250	237	252	6.65	cps
Cadmium	108-1	9343	9090	8929	9121	2.29	cps
Cadmium	106-1	16529	15986	15829	16115	2.28	cps
Cadmium	111-1	140538	137757	136919	138405	1.37	cps
Calcium	43-1	324407	318289	317644	320113	1.17	cps
Calcium	44-1	5060543	4928151	4924557	4971084	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1076580	1072377	1083024	1077327	0.50	cps
Cobalt	59-2	3531425	3571923	3566690	3556679	0.62	cps
Copper	63-2	1914977	1919125	1878176	1904093	1.18	cps
Dysprosium	156-1	52789	51989	50704	51827	2.03	cps
Dysprosium	156-2	44825	45423	45955	45401	1.25	cps
Erbium	164-1	47520	46638	46280	46812	1.36	cps
Erbium	164-2	34696	33918	33493	34036	1.79	cps
Gadolinium	160-1	50832	50099	50621	50517	0.75	cps
Gadolinium	160-2	38934	38336	38636	38635	0.77	cps
Holmium	165-1	15942825	15833918	15393449	15723397	1.85	cps
Holmium	165-2	11511307	11386197	11388865	11428789	0.63	cps
Indium	115-1	13010623	12769451	12731124	12837066	1.18	cps
Indium	115-2	4764626	4685173	4708225	4719341	0.87	cps
Iron	56-2	220083157	221710650	220902283	220898697	0.37	cps
Iron	57-2	5428144	5437068	5428098	5431103	0.10	cps
Iron	54-2	12137799	12175298	11994674	12102590	0.79	cps
Krypton	83-1	340	260	280	293	14.19	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:09:53	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	459214	455800	454588	456534	0.53	cps
Lead	207-1	390555	387094	378244	385298	1.65	cps
Lead	208-1	1787289	1772412	1757444	1772382	0.84	cps
Lithium	6-1	1692212	1650256	1662352	1668273	1.29	cps
Magnesium	24-2	5845388	5675099	5717847	5746111	1.54	cps
Manganese	55-2	5628273	5667445	5632700	5642806	0.38	cps
Molybdenum	94-1	31464	30809	31060	31111	1.06	cps
Molybdenum	95-1	1943	2010	1913	1956	2.53	cps
Molybdenum	96-1	9873	9036	9647	9519	4.55	cps
Molybdenum	97-1	1103	1200	1113	1139	4.67	cps
Molybdenum	98-1	2697	3067	2810	2858	6.63	cps
Neodymium	150-1	89277	88502	88535	88771	0.49	cps
Neodymium	150-2	55144	55077	54876	55032	0.25	cps
Nickel	60-2	905776	905187	909768	906910	0.27	cps
Phosphorus	31-2	21609	20808	20771	21062	2.25	cps
Potassium	39-2	2197123	2149843	2168995	2171987	1.09	cps
Rhodium	103-1	11914722	11758834	11571682	11748413	1.46	cps
Rhodium	103-2	7195906	7175940	7113357	7161734	0.60	cps
Scandium	45-1	7180185	6943138	7011947	7045090	1.73	cps
Scandium	45-2	608902	598939	599734	602525	0.92	cps
Selenium	82-1	14975	14644	14936	14852	1.22	cps
Selenium	77-2	1757	1727	1640	1708	3.55	cps
Selenium	78-2	5578	5778	5638	5664	1.81	cps
Silicon	28-1	8592514	8425037	8596180	8537910	1.15	cps
Silver	107-1	683027	681248	668039	677438	1.21	cps
Silver	109-1	651196	647192	639497	645962	0.92	cps
Sodium	23-2	145412	141371	140228	142337	1.91	cps
Strontium	86-1	165613	163365	163917	164298	0.71	cps
Strontium	88-1	1492416	1439615	1418829	1450287	2.62	cps
Sulfur	34-1	160627	156243	157512	158127	1.43	cps
Terbium	159-1	16338168	16227102	15918652	16161307	1.34	cps
Terbium	159-2	11193946	11199129	11288676	11227250	0.47	cps
Thallium	203-1	484164	482201	473711	480025	1.16	cps
Thallium	205-1	1155624	1135045	1131049	1140573	1.16	cps
Tin	118-1	4101	4242	3848	4064	4.92	cps
Titanium	47-1	783568	771204	768507	774426	1.04	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:09:53	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22035	21855	21965	21952	0.41	cps
Vanadium	51-2	2366342	2338957	2325302	2343534	0.89	cps
Yttrium	89-1	15914045	15599759	15478879	15664228	1.43	cps
Yttrium	89-2	4222642	4230059	4204106	4218936	0.32	cps
Zinc	66-2	605739	604770	602903	604471	0.24	cps
Zirconium	90-1	81717	83160	81434	82104	1.13	cps
Zirconium	91-1	18759	18425	18448	18544	1.00	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:12:56	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7412359	7364138	7374678	7383725	0.34	cps
Antimony	121-1	4402643	4461007	4424156	4429269	0.67	cps
Arsenic	75-2	108486	108761	108006	108417	0.35	cps
Barium	135-1	22686683	22484341	22318589	22496537	0.82	cps
Barium	137-1	38712324	39250558	38671402	38878094	0.83	cps
Beryllium	9-1	229254	236218	229961	231811	1.65	cps
Bismuth	209-1	10316238	9690088	9630357	9878894	3.85	cps
Bismuth	209-2	8443220	8410545	8307568	8387111	0.84	cps
Bromine	81-1	13289	13636	13369	13432	1.35	cps
Bromine	81-2	307	280	297	294	4.57	cps
Cadmium	108-1	37077	37371	36874	37107	0.67	cps
Cadmium	106-1	54288	54636	53883	54269	0.69	cps
Cadmium	111-1	556181	571517	564508	564069	1.36	cps
Calcium	43-1	309500	312992	312717	311736	0.62	cps
Calcium	44-1	4823288	4882223	4833460	4846324	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3631717	3627993	3603927	3621212	0.42	cps
Cobalt	59-2	13716273	13406818	13527770	13550287	1.15	cps
Copper	63-2	5324914	5354657	5343261	5340944	0.28	cps
Dysprosium	156-1	51645	51246	51390	51427	0.39	cps
Dysprosium	156-2	46019	45426	45945	45797	0.70	cps
Erbium	164-1	45099	45942	45755	45599	0.97	cps
Erbium	164-2	34262	33751	33757	33923	0.86	cps
Gadolinium	160-1	49156	50839	49079	49691	2.00	cps
Gadolinium	160-2	38339	38516	38219	38358	0.39	cps
Holmium	165-1	16734454	15781018	15703031	16072835	3.57	cps
Holmium	165-2	11738862	11524555	11581535	11614984	0.96	cps
Indium	115-1	13526397	12699247	12713115	12979587	3.65	cps
Indium	115-2	4795911	4722040	4688172	4735374	1.16	cps
Iron	56-2	229781857	228784030	226745737	228437208	0.68	cps
Iron	57-2	5643709	5614575	5617289	5625191	0.29	cps
Iron	54-2	12457986	12637941	12502880	12532936	0.75	cps
Krypton	83-1	287	287	270	281	3.42	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:12:56	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	962604	985185	967433	971740	1.22	cps
Lead	207-1	792925	808033	800238	800399	0.94	cps
Lead	208-1	3830428	3888146	3857171	3858581	0.75	cps
Lithium	6-1	1738175	1656342	1623407	1672641	3.53	cps
Magnesium	24-2	5632091	5637791	5635149	5635011	0.05	cps
Manganese	55-2	10536633	10574366	10524422	10545140	0.25	cps
Molybdenum	94-1	30368	30448	30749	30522	0.66	cps
Molybdenum	95-1	2157	2023	2013	2065	3.88	cps
Molybdenum	96-1	9720	9643	9373	9579	1.90	cps
Molybdenum	97-1	1167	1233	1180	1193	2.96	cps
Molybdenum	98-1	3500	3480	3504	3495	0.36	cps
Neodymium	150-1	86755	86919	88190	87288	0.90	cps
Neodymium	150-2	55381	53340	54545	54422	1.89	cps
Nickel	60-2	3565174	3534289	3524034	3541166	0.60	cps
Phosphorus	31-2	20314	19896	20571	20260	1.68	cps
Potassium	39-2	2105370	2097042	2108420	2103611	0.28	cps
Rhodium	103-1	12497479	11825487	11596473	11973146	3.91	cps
Rhodium	103-2	7175168	7133463	7141833	7150155	0.31	cps
Scandium	45-1	7476987	7027488	6883593	7129356	4.34	cps
Scandium	45-2	594841	593358	588497	592232	0.56	cps
Selenium	82-1	75443	76458	75225	75709	0.87	cps
Selenium	77-2	8026	8076	8179	8093	0.97	cps
Selenium	78-2	27138	28043	27419	27533	1.68	cps
Silicon	28-1	8811225	8401440	8197553	8470073	3.69	cps
Silver	107-1	2737905	2783931	2743170	2755002	0.91	cps
Silver	109-1	2640783	2664040	2597771	2634198	1.28	cps
Sodium	23-2	141325	140480	140204	140670	0.41	cps
Strontium	86-1	162431	161416	160773	161540	0.52	cps
Strontium	88-1	1394811	1408547	1400786	1401381	0.49	cps
Sulfur	34-1	154983	152808	152081	153291	0.98	cps
Terbium	159-1	16932591	16151243	16226633	16436822	2.62	cps
Terbium	159-2	11448318	11510132	11382261	11446904	0.56	cps
Thallium	203-1	2141979	2170549	2128900	2147143	0.99	cps
Thallium	205-1	5117588	5167545	5086826	5123986	0.80	cps
Tin	118-1	3955	3647	4018	3873	5.12	cps
Titanium	47-1	745638	756170	751840	751216	0.70	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:12:56	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21374	21457	20853	21228	1.54	cps
Vanadium	51-2	7775948	7720578	7758087	7751538	0.36	cps
Yttrium	89-1	16595762	15510098	15364732	15823531	4.25	cps
Yttrium	89-2	4162210	4174747	4173279	4170079	0.16	cps
Zinc	66-2	1876167	1898937	1875831	1883645	0.70	cps
Zirconium	90-1	79273	80341	79386	79667	0.74	cps
Zirconium	91-1	17844	17884	18248	17992	1.24	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:21:49	DataFile Name :	125CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14720050	14611501	14596331	14642627	0.46	cps
Antimony	121-1	6632755	6718316	6611515	6654195	0.85	cps
Arsenic	75-2	332833	332173	332779	332595	0.11	cps
Barium	135-1	8594968	8510599	8413831	8506466	1.07	cps
Barium	137-1	14719603	14583332	14516173	14606370	0.71	cps
Beryllium	9-1	699371	694268	700185	697941	0.46	cps
Bismuth	209-1	9020732	8709322	8829241	8853099	1.77	cps
Bismuth	209-2	7487679	7504703	7550427	7514270	0.43	cps
Bromine	81-1	13713	13273	13436	13474	1.65	cps
Bromine	81-2	137	163	173	158	12.01	cps
Cadmium	108-1	121016	120461	120730	120736	0.23	cps
Cadmium	106-1	174356	172773	173977	173702	0.48	cps
Cadmium	111-1	1687544	1702192	1704097	1697945	0.53	cps
Calcium	43-1	8645782	8742364	8645836	8677994	0.64	cps
Calcium	44-1	138646568	138684571	137764188	138365109	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2531254	2511199	2558393	2533615	0.93	cps
Cobalt	59-2	3885196	3901240	3846129	3877522	0.73	cps
Copper	63-2	28010596	27659538	27449735	27706623	1.02	cps
Dysprosium	156-1	267	300	350	306	13.73	cps
Dysprosium	156-2	473	620	573	556	13.49	cps
Erbium	164-1	347	293	343	328	9.12	cps
Erbium	164-2	240	283	233	252	10.76	cps
Gadolinium	160-1	287	300	327	304	6.69	cps
Gadolinium	160-2	853	763	873	830	7.06	cps
Holmium	165-1	15721942	15175120	15154513	15350525	2.10	cps
Holmium	165-2	11158927	11169412	11234207	11187515	0.36	cps
Indium	115-1	11998802	11606709	11634527	11746679	1.86	cps
Indium	115-2	4374521	4307179	4310293	4330665	0.88	cps
Iron	56-2	594940538	592036125	582922845	589966502	1.06	cps
Iron	57-2	14807630	14684436	14796252	14762773	0.46	cps
Iron	54-2	31859628	32036385	32227279	32041097	0.57	cps
Krypton	83-1	243	223	207	224	8.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:21:49	DataFile Name :	125CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26136902	25748888	25946017	25943936	0.75	cps
Lead	207-1	22700263	22724022	22774415	22732900	0.17	cps
Lead	208-1	103420039	103203233	102970834	103198035	0.22	cps
Lithium	6-1	1623246	1599986	1592582	1605271	1.00	cps
Magnesium	24-2	112707298	113686022	113292588	113228636	0.43	cps
Manganese	55-2	20099918	20063438	20173232	20112196	0.28	cps
Molybdenum	94-1	23282023	23129932	22963738	23125231	0.69	cps
Molybdenum	95-1	33473789	33773824	33310267	33519293	0.70	cps
Molybdenum	96-1	37122665	36947597	36567775	36879346	0.77	cps
Molybdenum	97-1	20963064	20951969	20699848	20871627	0.71	cps
Molybdenum	98-1	53632131	53699173	53197828	53509710	0.51	cps
Neodymium	150-1	553	537	487	526	6.60	cps
Neodymium	150-2	200	197	130	176	22.49	cps
Nickel	60-2	941441	933869	940609	938639	0.44	cps
Phosphorus	31-2	130786	130177	131418	130794	0.47	cps
Potassium	39-2	71239517	71305459	71684969	71409982	0.34	cps
Rhodium	103-1	10745786	10417624	10416817	10526742	1.80	cps
Rhodium	103-2	6344868	6308831	6360659	6338119	0.42	cps
Scandium	45-1	6694095	6558398	6423639	6558711	2.06	cps
Scandium	45-2	543494	544877	545251	544541	0.17	cps
Selenium	82-1	106486	105251	104496	105411	0.95	cps
Selenium	77-2	10861	10434	10887	10727	2.37	cps
Selenium	78-2	35683	36234	36792	36236	1.53	cps
Silicon	28-1	3721068	3714388	3775329	3736928	0.89	cps
Silver	107-1	8381530	8344916	8355657	8360701	0.23	cps
Silver	109-1	7784737	7718615	7657632	7720328	0.82	cps
Sodium	23-2	181350011	181344884	180130677	180941857	0.39	cps
Strontium	86-1	2168349	2122593	2112427	2134456	1.40	cps
Strontium	88-1	18361428	18538170	18449899	18449832	0.48	cps
Sulfur	34-1	661169	650798	649264	653744	0.99	cps
Terbium	159-1	15873869	15467272	15445941	15595694	1.55	cps
Terbium	159-2	11058188	10941639	10957694	10985840	0.57	cps
Thallium	203-1	6503606	6508416	6469311	6493777	0.33	cps
Thallium	205-1	15627128	15415419	15380341	15474296	0.86	cps
Tin	118-1	5539372	5541234	5500935	5527180	0.41	cps
Titanium	47-1	8112696	8015971	7977972	8035546	0.86	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:21:49	DataFile Name :	125CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20216549	20340437	20331103	20296030	0.34	cps
Vanadium	51-2	2265360	2246459	2254210	2255343	0.42	cps
Yttrium	89-1	14591170	13999326	14207356	14265951	2.10	cps
Yttrium	89-2	3740168	3795692	3764833	3766898	0.74	cps
Zinc	66-2	4648452	4628255	4576470	4617726	0.80	cps
Zirconium	90-1	11411503	11389132	11415070	11405235	0.12	cps
Zirconium	91-1	2553168	2535184	2493351	2527234	1.21	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:24:33	DataFile Name :	126CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	773	637	493	634	22.07	cps
Antimony	121-1	3854	3197	2467	3173	21.87	cps
Arsenic	75-2	40	23	13	26	52.73	cps
Barium	135-1	2410	1500	1057	1656	41.68	cps
Barium	137-1	4127	2484	1647	2753	45.85	cps
Beryllium	9-1	377	317	247	313	20.76	cps
Bismuth	209-1	9543779	9512374	9611398	9555850	0.53	cps
Bismuth	209-2	8417039	8508278	8502493	8475937	0.60	cps
Bromine	81-1	13273	13239	13867	13460	2.62	cps
Bromine	81-2	167	130	153	150	12.37	cps
Cadmium	108-1	60	50	13	41	59.77	cps
Cadmium	106-1	4061	3574	3547	3727	7.76	cps
Cadmium	111-1	3365	2860	2718	2981	11.41	cps
Calcium	43-1	2910	1883	1253	2016	41.49	cps
Calcium	44-1	51498	34409	24420	36776	37.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1147	1127	1093	1122	2.40	cps
Cobalt	59-2	303	267	227	266	14.44	cps
Copper	63-2	5318	4671	4557	4849	8.46	cps
Dysprosium	156-1	23	10	13	16	44.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	47	77	83	69	28.35	cps
Erbium	164-2	33	57	37	42	29.89	cps
Gadolinium	160-1	53	57	43	51	13.58	cps
Gadolinium	160-2	653	590	570	604	7.20	cps
Holmium	165-1	15529291	15319026	15299029	15382449	0.83	cps
Holmium	165-2	11511554	11518989	11448284	11492943	0.34	cps
Indium	115-1	12531950	12422265	12541698	12498637	0.53	cps
Indium	115-2	4722572	4728249	4727446	4726089	0.07	cps
Iron	56-2	46592	38930	34229	39917	15.63	cps
Iron	57-2	1593	1490	1257	1447	11.92	cps
Iron	54-2	3881	3470	3277	3543	8.70	cps
Krypton	83-1	220	200	227	216	6.44	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:24:33	DataFile Name :	126CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8329	5498	3621	5816	40.76	cps
Lead	207-1	7496	4668	3057	5073	44.29	cps
Lead	208-1	33970	21524	14357	23284	42.63	cps
Lithium	6-1	1658602	1645756	1677920	1660759	0.97	cps
Magnesium	24-2	5534	4377	3647	4520	21.06	cps
Manganese	55-2	1277	1027	830	1044	21.43	cps
Molybdenum	94-1	7595	4487	3017	5033	46.44	cps
Molybdenum	95-1	10404	6225	3864	6831	48.48	cps
Molybdenum	96-1	10938	7065	4347	7450	44.45	cps
Molybdenum	97-1	6645	3817	2480	4314	49.29	cps
Molybdenum	98-1	16406	10270	6255	10977	46.57	cps
Neodymium	150-1	10	7	0	6	91.64	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	603	757	727	696	11.68	cps
Phosphorus	31-2	117	150	123	130	13.57	cps
Potassium	39-2	59208	59737	57625	58857	1.87	cps
Rhodium	103-1	11411847	11467394	11493624	11457622	0.36	cps
Rhodium	103-2	7168922	7166273	7173764	7169653	0.05	cps
Scandium	45-1	6608260	6663180	6623759	6631733	0.43	cps
Scandium	45-2	564806	567889	565340	566012	0.29	cps
Selenium	82-1	223	251	156	210	23.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	347	450	413	403	12.99	cps
Silicon	28-1	598947	599207	595510	597888	0.35	cps
Silver	107-1	3254	2436	1513	2401	36.27	cps
Silver	109-1	3427	2084	1323	2278	46.76	cps
Sodium	23-2	36142	33697	32888	34242	4.95	cps
Strontium	86-1	1027	733	607	789	27.31	cps
Strontium	88-1	5534	3594	2327	3818	42.31	cps
Sulfur	34-1	190555	192793	193103	192151	0.72	cps
Terbium	159-1	15853496	15729680	15614033	15732403	0.76	cps
Terbium	159-2	11429972	11285071	11261449	11325498	0.81	cps
Thallium	203-1	2644	1870	1287	1934	35.20	cps
Thallium	205-1	5795	4351	3294	4480	28.02	cps
Tin	118-1	4227	3400	2910	3513	18.95	cps
Titanium	47-1	2447	1553	983	1661	44.41	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:24:33	DataFile Name :	126CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5438	3254	2050	3581	47.96	cps
Vanadium	51-2	140	113	57	103	41.18	cps
Yttrium	89-1	14409582	14466966	14504134	14460227	0.33	cps
Yttrium	89-2	3964402	3938351	3933379	3945377	0.42	cps
Zinc	66-2	803	817	640	753	13.06	cps
Zirconium	90-1	4421	2747	2137	3101	38.13	cps
Zirconium	91-1	907	663	480	683	31.32	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-08	Instrumnet Name :	P7
Client Sample ID :	MYCZG6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:27:47	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6754160	6707723	6666991	6709625	0.65	cps
Antimony	121-1	1297	1233	1293	1275	2.80	cps
Arsenic	75-2	25135	24854	24574	24854	1.13	cps
Barium	135-1	920028	920516	915464	918669	0.30	cps
Barium	137-1	1657599	1637186	1655360	1650048	0.68	cps
Beryllium	9-1	1847	1873	1893	1871	1.25	cps
Bismuth	209-1	9901392	9662117	9689484	9750998	1.34	cps
Bismuth	209-2	8525886	8468007	8434729	8476207	0.54	cps
Bromine	81-1	14828	15552	15418	15266	2.52	cps
Bromine	81-2	450	523	493	489	7.54	cps
Cadmium	108-1	160	217	117	164	30.50	cps
Cadmium	106-1	4207	4147	4391	4248	2.98	cps
Cadmium	111-1	5031	4929	5016	4992	1.09	cps
Calcium	43-1	410339	407349	405312	407666	0.62	cps
Calcium	44-1	6412544	6359012	6306817	6359458	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	302145	302407	301214	301922	0.21	cps
Cobalt	59-2	236495	235529	233861	235295	0.57	cps
Copper	63-2	372799	373448	372314	372854	0.15	cps
Dysprosium	156-1	102463	102107	100093	101554	1.26	cps
Dysprosium	156-2	92019	93545	92180	92581	0.91	cps
Erbium	164-1	77644	76749	76179	76857	0.96	cps
Erbium	164-2	57009	56882	56189	56693	0.78	cps
Gadolinium	160-1	91560	90282	91372	91071	0.76	cps
Gadolinium	160-2	71461	70663	69652	70592	1.28	cps
Holmium	165-1	16125029	15748345	15862627	15912000	1.21	cps
Holmium	165-2	11835644	11853869	11703691	11797735	0.69	cps
Indium	115-1	13032400	12889856	12813305	12911853	0.86	cps
Indium	115-2	4842773	4813817	4688699	4781763	1.71	cps
Iron	56-2	204775464	205759230	203383010	204639235	0.58	cps
Iron	57-2	5047385	5067458	5032189	5049011	0.35	cps
Iron	54-2	11191808	11116869	11007868	11105515	0.83	cps
Krypton	83-1	337	303	307	316	5.82	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-08	Instrumnet Name :	P7
Client Sample ID :	MYCZG6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:27:47	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	419082	417838	415042	417321	0.50	cps
Lead	207-1	365094	363223	359333	362550	0.81	cps
Lead	208-1	1654135	1639357	1632099	1641864	0.68	cps
Lithium	6-1	1768999	1713265	1657359	1713208	3.26	cps
Magnesium	24-2	6049080	6034167	5998498	6027248	0.43	cps
Manganese	55-2	5366480	5449065	5346530	5387358	1.01	cps
Molybdenum	94-1	16112	16109	16329	16183	0.78	cps
Molybdenum	95-1	3227	3250	3330	3269	1.66	cps
Molybdenum	96-1	7879	7765	7795	7813	0.75	cps
Molybdenum	97-1	1880	2000	2030	1970	4.03	cps
Molybdenum	98-1	5094	5038	5051	5061	0.59	cps
Neodymium	150-1	191485	191198	187046	189910	1.31	cps
Neodymium	150-2	118704	118570	117683	118319	0.47	cps
Nickel	60-2	258643	258282	257447	258124	0.24	cps
Phosphorus	31-2	32134	32331	32307	32257	0.33	cps
Potassium	39-2	4551094	4599966	4500588	4550549	1.09	cps
Rhodium	103-1	12037852	11823189	11765133	11875391	1.21	cps
Rhodium	103-2	7262156	7268911	7200748	7243939	0.52	cps
Scandium	45-1	7242393	7093676	7044333	7126801	1.45	cps
Scandium	45-2	602153	607273	600196	603207	0.61	cps
Selenium	82-1	376	353	386	372	4.64	cps
Selenium	77-2	307	290	287	294	3.64	cps
Selenium	78-2	690	567	590	616	10.64	cps
Silicon	28-1	9046602	8947932	9028497	9007677	0.58	cps
Silver	107-1	2780	2732	2671	2728	2.01	cps
Silver	109-1	2240	2010	2207	2152	5.78	cps
Sodium	23-2	131179	130255	129186	130207	0.77	cps
Strontium	86-1	281950	281718	280790	281486	0.22	cps
Strontium	88-1	2536715	2511016	2553608	2533780	0.85	cps
Sulfur	34-1	211485	211364	210073	210974	0.37	cps
Terbium	159-1	16577312	16358053	16146886	16360750	1.32	cps
Terbium	159-2	11776146	11637177	11593239	11668854	0.82	cps
Thallium	203-1	3894	4137	3664	3898	6.07	cps
Thallium	205-1	9013	8863	9023	8966	1.00	cps
Tin	118-1	2530	2524	2477	2510	1.16	cps
Titanium	47-1	693914	689445	690137	691165	0.35	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-08	Instrumnet Name :	P7
Client Sample ID :	MYCZG6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:27:47	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52082	52269	51767	52039	0.49	cps
Vanadium	51-2	294893	296236	292069	294400	0.72	cps
Yttrium	89-1	16404523	15971819	16291990	16222777	1.38	cps
Yttrium	89-2	4351330	4374593	4289138	4338353	1.02	cps
Zinc	66-2	210782	209663	208525	209657	0.54	cps
Zirconium	90-1	38557	38931	38748	38745	0.48	cps
Zirconium	91-1	8589	8586	8786	8654	1.32	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-09	Instrumnet Name :	P7
Client Sample ID :	MYCZG7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:30:56	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7471557	7290382	7357615	7373185	1.24	cps
Antimony	121-1	1643	1790	1590	1675	6.19	cps
Arsenic	75-2	22527	22133	21786	22149	1.67	cps
Barium	135-1	1267140	1265670	1259017	1263942	0.34	cps
Barium	137-1	2272991	2273516	2240045	2262184	0.85	cps
Beryllium	9-1	2000	1947	1967	1971	1.37	cps
Bismuth	209-1	9812712	9727737	9551251	9697233	1.38	cps
Bismuth	209-2	8472732	8457268	8502493	8477498	0.27	cps
Bromine	81-1	15198	15902	16156	15752	3.15	cps
Bromine	81-2	537	597	500	544	8.96	cps
Cadmium	108-1	483	427	460	457	6.24	cps
Cadmium	106-1	4984	5074	4808	4955	2.74	cps
Cadmium	111-1	5816	5998	5766	5860	2.08	cps
Calcium	43-1	599056	598176	590640	595957	0.78	cps
Calcium	44-1	9304162	9310092	9128071	9247442	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	359988	360437	356799	359075	0.55	cps
Cobalt	59-2	239087	234851	236677	236872	0.90	cps
Copper	63-2	368911	365831	366526	367090	0.44	cps
Dysprosium	156-1	120948	120226	119301	120158	0.69	cps
Dysprosium	156-2	109962	109845	109260	109689	0.34	cps
Erbium	164-1	81570	81553	80171	81098	0.99	cps
Erbium	164-2	59506	60400	60396	60101	0.86	cps
Gadolinium	160-1	101806	102625	101229	101887	0.69	cps
Gadolinium	160-2	79530	79282	78830	79214	0.45	cps
Holmium	165-1	16145160	16093747	15881957	16040288	0.87	cps
Holmium	165-2	11749213	11847978	11898534	11831908	0.64	cps
Indium	115-1	13217915	12985866	12743572	12982451	1.83	cps
Indium	115-2	4826254	4798841	4783429	4802841	0.45	cps
Iron	56-2	219303130	216774083	217032863	217703359	0.64	cps
Iron	57-2	5378339	5375012	5370197	5374516	0.08	cps
Iron	54-2	11699010	11787869	11750810	11745896	0.38	cps
Krypton	83-1	310	347	343	333	6.08	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-09	Instrumnet Name :	P7
Client Sample ID :	MYCZG7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:30:56	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	473529	480222	472874	475542	0.86	cps
Lead	207-1	415172	412922	410034	412710	0.62	cps
Lead	208-1	1882278	1876039	1861313	1873210	0.57	cps
Lithium	6-1	1739857	1718954	1716651	1725154	0.74	cps
Magnesium	24-2	7369223	7276479	7311588	7319097	0.64	cps
Manganese	55-2	5227140	5234987	5254225	5238784	0.27	cps
Molybdenum	94-1	114197	114382	113237	113939	0.54	cps
Molybdenum	95-1	3724	3817	3827	3789	1.50	cps
Molybdenum	96-1	25015	25185	25202	25134	0.41	cps
Molybdenum	97-1	2544	2524	2320	2462	5.02	cps
Molybdenum	98-1	5948	5738	6035	5907	2.58	cps
Neodymium	150-1	231955	230679	228282	230305	0.81	cps
Neodymium	150-2	144882	144413	143212	144169	0.60	cps
Nickel	60-2	158160	157399	154749	156769	1.14	cps
Phosphorus	31-2	56109	56243	56343	56232	0.21	cps
Potassium	39-2	7010139	6993862	6931587	6978529	0.59	cps
Rhodium	103-1	12082996	12008201	11793959	11961719	1.25	cps
Rhodium	103-2	7310159	7194362	7337389	7280637	1.04	cps
Scandium	45-1	7196329	7192531	7049659	7146173	1.17	cps
Scandium	45-2	615465	606703	607221	609796	0.81	cps
Selenium	82-1	418	395	300	371	16.92	cps
Selenium	77-2	347	277	317	313	11.21	cps
Selenium	78-2	667	703	753	708	6.15	cps
Silicon	28-1	11412352	10853594	10903456	11056467	2.80	cps
Silver	107-1	3048	2991	3060	3033	1.22	cps
Silver	109-1	2214	2227	2110	2184	2.93	cps
Sodium	23-2	154432	154760	152893	154028	0.65	cps
Strontium	86-1	425955	427054	423917	425642	0.37	cps
Strontium	88-1	3859340	3825505	3772983	3819276	1.14	cps
Sulfur	34-1	233524	231294	230870	231896	0.61	cps
Terbium	159-1	16462246	16473043	16130231	16355174	1.19	cps
Terbium	159-2	11739774	11643204	11505550	11629510	1.01	cps
Thallium	203-1	4441	4237	4421	4366	2.57	cps
Thallium	205-1	10361	10121	10184	10222	1.22	cps
Tin	118-1	3701	3721	3590	3671	1.91	cps
Titanium	47-1	1100057	1105797	1102869	1102908	0.26	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-09	Instrumnet Name :	P7
Client Sample ID :	MYCZG7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:30:56	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60963	60466	61210	60880	0.62	cps
Vanadium	51-2	328950	323913	322873	325245	1.00	cps
Yttrium	89-1	16528255	16517789	16093595	16379880	1.51	cps
Yttrium	89-2	4363149	4401654	4438594	4401132	0.86	cps
Zinc	66-2	290336	289330	290005	289890	0.18	cps
Zirconium	90-1	305812	306752	303348	305304	0.58	cps
Zirconium	91-1	67745	68358	66968	67691	1.03	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-10	Instrumnet Name :	P7
Client Sample ID :	MYCZG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:34:02	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7405809	7373725	7346652	7375395	0.40	cps
Antimony	121-1	770	877	843	830	6.58	cps
Arsenic	75-2	24183	24019	23936	24046	0.52	cps
Barium	135-1	1089638	1082246	1079976	1083953	0.47	cps
Barium	137-1	1967230	1951906	1959974	1959703	0.39	cps
Beryllium	9-1	1833	1843	1900	1859	1.93	cps
Bismuth	209-1	9722034	9793440	9547921	9687799	1.30	cps
Bismuth	209-2	8441742	8422991	8491608	8452114	0.42	cps
Bromine	81-1	15051	15211	15385	15216	1.10	cps
Bromine	81-2	517	587	567	557	6.48	cps
Cadmium	108-1	353	320	337	337	4.95	cps
Cadmium	106-1	4467	4554	4334	4452	2.49	cps
Cadmium	111-1	5766	5840	5894	5833	1.10	cps
Calcium	43-1	426132	425342	421003	424159	0.65	cps
Calcium	44-1	6595956	6548665	6585312	6576644	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	359981	359714	358053	359249	0.29	cps
Cobalt	59-2	257673	255296	256757	256575	0.47	cps
Copper	63-2	379320	376103	376957	377460	0.44	cps
Dysprosium	156-1	118246	119066	117872	118395	0.52	cps
Dysprosium	156-2	109680	110550	109631	109954	0.47	cps
Erbium	164-1	82971	80302	80154	81143	1.95	cps
Erbium	164-2	59887	60219	60333	60146	0.38	cps
Gadolinium	160-1	101954	101823	101024	101600	0.50	cps
Gadolinium	160-2	79648	78877	78860	79128	0.57	cps
Holmium	165-1	16134504	16017152	16017247	16056301	0.42	cps
Holmium	165-2	11787873	11826361	11908827	11841020	0.52	cps
Indium	115-1	13264337	12909950	12773914	12982734	1.95	cps
Indium	115-2	4830228	4848070	4836629	4838309	0.19	cps
Iron	56-2	218013943	217279243	216435137	217242775	0.36	cps
Iron	57-2	5366563	5347441	5345294	5353099	0.22	cps
Iron	54-2	11907443	11758417	11777828	11814563	0.69	cps
Krypton	83-1	343	383	340	356	6.78	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-10	Instrumnet Name :	P7
Client Sample ID :	MYCZG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:34:02	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	499760	494812	494966	496513	0.57	cps
Lead	207-1	431214	430314	429866	430465	0.16	cps
Lead	208-1	1954910	1949729	1943423	1949354	0.30	cps
Lithium	6-1	1694033	1707662	1667988	1689894	1.19	cps
Magnesium	24-2	7119321	6988072	7011743	7039712	0.99	cps
Manganese	55-2	5136692	5129062	5165371	5143709	0.37	cps
Molybdenum	94-1	50804	50323	50336	50488	0.54	cps
Molybdenum	95-1	2100	2144	2114	2119	1.05	cps
Molybdenum	96-1	12462	12459	12999	12640	2.46	cps
Molybdenum	97-1	1240	1357	1447	1348	7.69	cps
Molybdenum	98-1	3387	3230	3290	3303	2.39	cps
Neodymium	150-1	236241	233868	233238	234449	0.68	cps
Neodymium	150-2	147535	147647	147155	147446	0.17	cps
Nickel	60-2	165973	165543	166337	165951	0.24	cps
Phosphorus	31-2	45538	44899	43746	44727	2.03	cps
Potassium	39-2	5954363	5943998	5938410	5945590	0.14	cps
Rhodium	103-1	12101383	11844191	11806048	11917207	1.35	cps
Rhodium	103-2	7369707	7297913	7299720	7322447	0.56	cps
Scandium	45-1	7231770	7194073	7253142	7226328	0.41	cps
Scandium	45-2	622199	624904	619431	622178	0.44	cps
Selenium	82-1	345	313	343	334	5.50	cps
Selenium	77-2	323	350	320	331	4.97	cps
Selenium	78-2	777	673	770	740	7.82	cps
Silicon	28-1	6450701	6227457	6444982	6374380	2.00	cps
Silver	107-1	2729	2846	2725	2767	2.49	cps
Silver	109-1	1987	2080	2214	2094	5.44	cps
Sodium	23-2	148447	145755	146498	146900	0.95	cps
Strontium	86-1	326893	321175	323572	323880	0.89	cps
Strontium	88-1	2911050	2887095	2834388	2877511	1.36	cps
Sulfur	34-1	193282	190154	189576	191004	1.04	cps
Terbium	159-1	16664982	16359423	16224060	16416155	1.38	cps
Terbium	159-2	11817304	11688795	11636839	11714313	0.79	cps
Thallium	203-1	3691	3737	3834	3754	1.95	cps
Thallium	205-1	8960	8936	8730	8875	1.43	cps
Tin	118-1	4177	3777	3861	3938	5.36	cps
Titanium	47-1	803488	800184	806383	803351	0.39	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-10	Instrumnet Name :	P7
Client Sample ID :	MYCZG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:34:02	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	59459	59533	59346	59446	0.16	cps
Vanadium	51-2	313290	314694	311061	313015	0.59	cps
Yttrium	89-1	16686026	16418575	16239481	16448028	1.37	cps
Yttrium	89-2	4505237	4450919	4413310	4456489	1.04	cps
Zinc	66-2	268011	265871	268543	267475	0.53	cps
Zirconium	90-1	135966	134475	135346	135262	0.55	cps
Zirconium	91-1	30004	29854	30164	30007	0.52	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-11	Instrumnet Name :	P7
Client Sample ID :	MYCZM9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:37:11	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4530259	4555997	4510336	4532197	0.51	cps
Antimony	121-1	1177	1247	1270	1231	3.95	cps
Arsenic	75-2	18175	17924	17193	17764	2.87	cps
Barium	135-1	567875	560855	558443	562391	0.87	cps
Barium	137-1	993782	980342	970531	981552	1.19	cps
Beryllium	9-1	853	1010	903	922	8.68	cps
Bismuth	209-1	9855023	9761223	9732149	9782798	0.66	cps
Bismuth	209-2	8478351	8470026	8328629	8425669	1.00	cps
Bromine	81-1	14354	14387	13807	14182	2.30	cps
Bromine	81-2	320	237	223	260	20.15	cps
Cadmium	108-1	183	143	150	159	13.49	cps
Cadmium	106-1	4244	4094	3921	4086	3.96	cps
Cadmium	111-1	3994	3892	3820	3902	2.23	cps
Calcium	43-1	440569	431376	439551	437165	1.15	cps
Calcium	44-1	6813840	6837250	6755459	6802183	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	189433	186767	186474	187558	0.87	cps
Cobalt	59-2	187746	187803	186443	187330	0.41	cps
Copper	63-2	359368	352203	356960	356177	1.02	cps
Dysprosium	156-1	48563	47895	47978	48145	0.76	cps
Dysprosium	156-2	43159	41625	42036	42273	1.88	cps
Erbium	164-1	42792	42501	42638	42644	0.34	cps
Erbium	164-2	31609	31389	31472	31490	0.35	cps
Gadolinium	160-1	46614	46019	46888	46507	0.96	cps
Gadolinium	160-2	36367	36123	35802	36098	0.78	cps
Holmium	165-1	16397211	15753358	15889201	16013256	2.12	cps
Holmium	165-2	11743036	11794201	11688745	11741994	0.45	cps
Indium	115-1	13385294	13018451	12896575	13100107	1.94	cps
Indium	115-2	4906792	4904644	4820330	4877255	1.01	cps
Iron	56-2	196662317	195475230	195759824	195965790	0.32	cps
Iron	57-2	4837172	4775621	4818142	4810311	0.66	cps
Iron	54-2	10588613	10524977	10696458	10603349	0.82	cps
Krypton	83-1	283	270	333	296	11.30	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-11	Instrumnet Name :	P7
Client Sample ID :	MYCZM9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:37:11	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	206714	203237	201048	203666	1.40	cps
Lead	207-1	174194	172885	168380	171820	1.78	cps
Lead	208-1	794842	784440	777907	785730	1.09	cps
Lithium	6-1	1702497	1671491	1684262	1686084	0.92	cps
Magnesium	24-2	4629765	4630858	4557998	4606207	0.91	cps
Manganese	55-2	3822989	3774113	3859917	3819006	1.13	cps
Molybdenum	94-1	30077	29994	29446	29839	1.15	cps
Molybdenum	95-1	1970	1930	1843	1915	3.38	cps
Molybdenum	96-1	8789	8806	8469	8688	2.19	cps
Molybdenum	97-1	1100	1117	1223	1147	5.84	cps
Molybdenum	98-1	2730	2730	2830	2764	2.09	cps
Neodymium	150-1	82204	81638	80810	81551	0.86	cps
Neodymium	150-2	51597	52256	50731	51528	1.48	cps
Nickel	60-2	71988	71787	71362	71712	0.45	cps
Phosphorus	31-2	20047	19973	20237	20085	0.68	cps
Potassium	39-2	1720212	1705049	1732462	1719241	0.80	cps
Rhodium	103-1	12100154	11994236	12116191	12070194	0.55	cps
Rhodium	103-2	7451291	7308089	7357671	7372350	0.99	cps
Scandium	45-1	7296067	7210539	7212908	7239838	0.67	cps
Scandium	45-2	626828	622123	620707	623219	0.51	cps
Selenium	82-1	308	301	198	269	22.94	cps
Selenium	77-2	147	140	113	133	13.23	cps
Selenium	78-2	617	603	607	609	1.14	cps
Silicon	28-1	5594440	5533980	5468200	5532207	1.14	cps
Silver	107-1	2171	2074	1989	2078	4.39	cps
Silver	109-1	1723	1700	1707	1710	0.70	cps
Sodium	23-2	192422	190172	190073	190889	0.70	cps
Strontium	86-1	178210	175356	175363	176310	0.93	cps
Strontium	88-1	1583683	1579344	1591566	1584864	0.39	cps
Sulfur	34-1	180201	179990	179970	180054	0.07	cps
Terbium	159-1	16513376	16243194	16246593	16334387	0.95	cps
Terbium	159-2	11663108	11568847	11522881	11584946	0.62	cps
Thallium	203-1	1890	1980	1943	1938	2.34	cps
Thallium	205-1	4821	4561	4481	4621	3.85	cps
Tin	118-1	2854	2934	2864	2884	1.51	cps
Titanium	47-1	631169	627968	626651	628596	0.37	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-11	Instrumnet Name :	P7
Client Sample ID :	MYCZM9	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:37:11	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20513	20095	20236	20281	1.05	cps
Vanadium	51-2	399664	398696	394206	397522	0.73	cps
Yttrium	89-1	16366735	15937748	15739711	16014731	2.00	cps
Yttrium	89-2	4322573	4303663	4315123	4313786	0.22	cps
Zinc	66-2	148833	149728	147860	148807	0.63	cps
Zirconium	90-1	78508	79171	78622	78767	0.45	cps
Zirconium	91-1	17888	18058	17110	17685	2.86	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-12	Instrumnet Name :	P7
Client Sample ID :	MYCZN0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:40:19	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5339060	5379696	5290593	5336449	0.84	cps
Antimony	121-1	610	557	523	563	7.76	cps
Arsenic	75-2	29092	29316	29129	29179	0.41	cps
Barium	135-1	708728	700530	695216	701491	0.97	cps
Barium	137-1	1222072	1210399	1204991	1212488	0.72	cps
Beryllium	9-1	1187	1050	1153	1130	6.31	cps
Bismuth	209-1	10219587	9925763	9892547	10012632	1.80	cps
Bismuth	209-2	8691903	8779479	8676148	8715843	0.64	cps
Bromine	81-1	14677	14767	15104	14850	1.52	cps
Bromine	81-2	373	320	317	337	9.44	cps
Cadmium	108-1	243	230	187	220	13.47	cps
Cadmium	106-1	4447	3961	3764	4057	8.67	cps
Cadmium	111-1	5184	5057	4786	5009	4.06	cps
Calcium	43-1	458750	457034	452320	456035	0.73	cps
Calcium	44-1	7090944	6978935	7038384	7036087	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	198457	199876	197248	198527	0.66	cps
Cobalt	59-2	214594	214315	213277	214062	0.32	cps
Copper	63-2	512355	515812	512672	513613	0.37	cps
Dysprosium	156-1	59662	58558	58685	58969	1.02	cps
Dysprosium	156-2	52993	53679	52518	53063	1.10	cps
Erbium	164-1	51993	52026	51662	51894	0.39	cps
Erbium	164-2	39482	39091	38744	39106	0.94	cps
Gadolinium	160-1	56135	55566	55797	55833	0.51	cps
Gadolinium	160-2	44855	43942	44092	44296	1.10	cps
Holmium	165-1	16744157	16285692	15985640	16338497	2.34	cps
Holmium	165-2	12350860	12168027	12050656	12189848	1.24	cps
Indium	115-1	13610241	13344581	13260079	13404967	1.36	cps
Indium	115-2	5006795	5038048	4955613	5000152	0.83	cps
Iron	56-2	211458090	210598590	209468130	210508270	0.47	cps
Iron	57-2	5233893	5204083	5191586	5209854	0.42	cps
Iron	54-2	11488644	11475683	11343345	11435891	0.70	cps
Krypton	83-1	343	337	340	340	0.98	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-12	Instrumnet Name :	P7
Client Sample ID :	MYCZN0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:40:19	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	566255	558770	561732	562252	0.67	cps
Lead	207-1	482657	483107	480725	482163	0.26	cps
Lead	208-1	2217211	2195426	2185406	2199347	0.74	cps
Lithium	6-1	1735497	1676709	1664677	1692294	2.24	cps
Magnesium	24-2	5318699	5338531	5271202	5309477	0.65	cps
Manganese	55-2	4490512	4451619	4392961	4445030	1.10	cps
Molybdenum	94-1	5294	5391	5181	5289	1.99	cps
Molybdenum	95-1	3640	3254	3374	3423	5.78	cps
Molybdenum	96-1	6505	6471	6375	6450	1.05	cps
Molybdenum	97-1	2287	2094	2140	2174	4.64	cps
Molybdenum	98-1	5521	5411	5451	5461	1.02	cps
Neodymium	150-1	105615	105246	104597	105152	0.49	cps
Neodymium	150-2	65736	66861	64560	65719	1.75	cps
Nickel	60-2	93026	93402	91426	92618	1.13	cps
Phosphorus	31-2	25134	24513	23919	24522	2.48	cps
Potassium	39-2	1968861	1994155	1971237	1978084	0.71	cps
Rhodium	103-1	12627207	12313133	12152053	12364131	1.95	cps
Rhodium	103-2	7538279	7630110	7528243	7565544	0.74	cps
Scandium	45-1	7647272	7309394	7286074	7414247	2.73	cps
Scandium	45-2	642459	639420	634761	638880	0.61	cps
Selenium	82-1	367	369	294	344	12.45	cps
Selenium	77-2	157	127	137	140	10.91	cps
Selenium	78-2	633	647	600	627	3.84	cps
Silicon	28-1	7424764	7124207	7063133	7204035	2.69	cps
Silver	107-1	1847	1842	1814	1834	0.97	cps
Silver	109-1	1497	1607	1430	1511	5.90	cps
Sodium	23-2	769716	763344	760802	764621	0.60	cps
Strontium	86-1	264822	262552	263518	263631	0.43	cps
Strontium	88-1	2387250	2377403	2323304	2362652	1.46	cps
Sulfur	34-1	176560	175168	177022	176250	0.55	cps
Terbium	159-1	16833111	16584109	16673169	16696796	0.76	cps
Terbium	159-2	11812686	11913743	11823031	11849820	0.47	cps
Thallium	203-1	2007	1977	1783	1922	6.31	cps
Thallium	205-1	4601	4714	4594	4636	1.46	cps
Tin	118-1	2487	2390	2284	2387	4.26	cps
Titanium	47-1	739056	730938	726864	732286	0.85	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-12	Instrumnet Name :	P7
Client Sample ID :	MYCZN0	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:40:19	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28734	29426	29226	29129	1.22	cps
Vanadium	51-2	329005	328668	326669	328114	0.38	cps
Yttrium	89-1	16933604	16352471	16206112	16497396	2.33	cps
Yttrium	89-2	4513975	4459135	4455809	4476306	0.73	cps
Zinc	66-2	558951	556468	555308	556909	0.33	cps
Zirconium	90-1	9170	8866	9033	9023	1.68	cps
Zirconium	91-1	2100	2094	2090	2095	0.24	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-13	Instrumnet Name :	P7
Client Sample ID :	MYCZN1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:43:29	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6536463	6528578	6530131	6531724	0.06	cps
Antimony	121-1	657	710	667	678	4.18	cps
Arsenic	75-2	35238	35232	34891	35120	0.57	cps
Barium	135-1	908840	913533	902033	908135	0.64	cps
Barium	137-1	1599414	1629802	1620901	1616706	0.97	cps
Beryllium	9-1	1283	1303	1263	1283	1.56	cps
Bismuth	209-1	10247184	9834586	9904784	9995518	2.21	cps
Bismuth	209-2	8552275	8542306	8443199	8512593	0.71	cps
Bromine	81-1	18301	18398	18211	18304	0.51	cps
Bromine	81-2	1037	1117	1047	1067	4.09	cps
Cadmium	108-1	217	190	207	204	6.59	cps
Cadmium	106-1	4537	4287	4214	4346	3.90	cps
Cadmium	111-1	4873	4843	4639	4785	2.65	cps
Calcium	43-1	961224	964245	958487	961319	0.30	cps
Calcium	44-1	15072834	14783560	14603256	14819883	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237260	235067	236346	236225	0.47	cps
Cobalt	59-2	236017	232957	233045	234006	0.74	cps
Copper	63-2	513101	509078	509284	510488	0.44	cps
Dysprosium	156-1	67394	67799	65964	67052	1.44	cps
Dysprosium	156-2	60038	59850	59137	59675	0.80	cps
Erbium	164-1	59807	60319	59232	59786	0.91	cps
Erbium	164-2	44130	44644	44156	44310	0.65	cps
Gadolinium	160-1	64645	65047	63982	64558	0.83	cps
Gadolinium	160-2	50390	50046	49571	50002	0.82	cps
Holmium	165-1	16936198	16024719	16152232	16371050	3.01	cps
Holmium	165-2	12237683	11883416	11841745	11987615	1.81	cps
Indium	115-1	13860796	13104295	13327428	13430839	2.89	cps
Indium	115-2	4964892	4946983	4839915	4917263	1.37	cps
Iron	56-2	228952457	228413557	228899357	228755123	0.13	cps
Iron	57-2	5677245	5646592	5641777	5655205	0.34	cps
Iron	54-2	12512296	12480380	12435912	12476196	0.31	cps
Krypton	83-1	290	283	353	309	12.51	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-13	Instrumnet Name :	P7
Client Sample ID :	MYCZN1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:43:29	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	343534	339007	336885	339809	1.00	cps
Lead	207-1	295469	295181	292179	294276	0.62	cps
Lead	208-1	1346116	1340737	1328487	1338447	0.68	cps
Lithium	6-1	1773778	1690498	1712547	1725608	2.50	cps
Magnesium	24-2	6281336	6228048	6234893	6248092	0.46	cps
Manganese	55-2	5680817	5660388	5615458	5652221	0.59	cps
Molybdenum	94-1	46106	45684	45651	45814	0.55	cps
Molybdenum	95-1	2977	2807	3044	2943	4.15	cps
Molybdenum	96-1	13026	12806	12355	12729	2.69	cps
Molybdenum	97-1	1703	1850	1953	1836	6.84	cps
Molybdenum	98-1	4377	4574	4631	4527	2.94	cps
Neodymium	150-1	112269	112010	110714	111664	0.75	cps
Neodymium	150-2	71064	70441	70619	70708	0.45	cps
Nickel	60-2	95796	96122	95810	95909	0.19	cps
Phosphorus	31-2	23428	23491	23184	23368	0.69	cps
Potassium	39-2	2869800	2833277	2838716	2847264	0.69	cps
Rhodium	103-1	12745109	12019676	12225286	12330023	3.03	cps
Rhodium	103-2	7512804	7484644	7394340	7463930	0.83	cps
Scandium	45-1	7663359	7249190	7275985	7396178	3.13	cps
Scandium	45-2	638440	631952	630213	633535	0.68	cps
Selenium	82-1	504	419	388	437	13.82	cps
Selenium	77-2	193	160	177	177	9.44	cps
Selenium	78-2	667	697	720	694	3.85	cps
Silicon	28-1	6418691	6798920	6396720	6538110	3.46	cps
Silver	107-1	2643	2473	2654	2590	3.92	cps
Silver	109-1	2147	2240	2024	2137	5.09	cps
Sodium	23-2	2853880	2808483	2819057	2827140	0.84	cps
Strontium	86-1	383160	383241	382394	382932	0.12	cps
Strontium	88-1	3437063	3423727	3397122	3419304	0.59	cps
Sulfur	34-1	276715	280613	279205	278844	0.71	cps
Terbium	159-1	17388610	16459261	16523591	16790487	3.09	cps
Terbium	159-2	11858314	11689508	11771301	11773041	0.72	cps
Thallium	203-1	2894	2934	2770	2866	2.97	cps
Thallium	205-1	6592	6955	6778	6775	2.68	cps
Tin	118-1	2657	2744	2607	2669	2.59	cps
Titanium	47-1	666719	670278	664016	667004	0.47	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-13	Instrumnet Name :	P7
Client Sample ID :	MYCZN1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:43:29	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34060	34057	33753	33957	0.52	cps
Vanadium	51-2	403594	400693	398904	401064	0.59	cps
Yttrium	89-1	17179259	16223734	16282552	16561848	3.23	cps
Yttrium	89-2	4515149	4371854	4438643	4441882	1.61	cps
Zinc	66-2	192612	188540	191528	190893	1.10	cps
Zirconium	90-1	120133	119692	119511	119779	0.27	cps
Zirconium	91-1	27068	26397	26497	26654	1.36	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-14	Instrumnet Name :	P7
Client Sample ID :	MYCZN2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:46:35	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8331016	8315260	8277374	8307883	0.33	cps
Antimony	121-1	507	517	477	500	4.16	cps
Arsenic	75-2	16583	16402	15625	16203	3.14	cps
Barium	135-1	689362	681485	680466	683771	0.71	cps
Barium	137-1	1199247	1183752	1178299	1187099	0.92	cps
Beryllium	9-1	1140	1170	1377	1229	10.49	cps
Bismuth	209-1	10109241	9841849	9884201	9945097	1.45	cps
Bismuth	209-2	8607552	8603015	8474626	8561731	0.88	cps
Bromine	81-1	15241	15862	15295	15466	2.22	cps
Bromine	81-2	357	377	373	369	2.90	cps
Cadmium	108-1	207	153	193	184	15.05	cps
Cadmium	106-1	4321	4344	4097	4254	3.20	cps
Cadmium	111-1	4404	4271	4200	4291	2.41	cps
Calcium	43-1	362057	357446	351333	356945	1.51	cps
Calcium	44-1	5538456	5518193	5463608	5506752	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	344649	343885	342796	343777	0.27	cps
Cobalt	59-2	325591	325827	323076	324831	0.47	cps
Copper	63-2	546433	542611	544678	544574	0.35	cps
Dysprosium	156-1	72723	73246	71715	72562	1.07	cps
Dysprosium	156-2	62080	62478	62254	62270	0.32	cps
Erbium	164-1	66226	66015	65559	65933	0.52	cps
Erbium	164-2	49119	49179	49240	49179	0.12	cps
Gadolinium	160-1	71920	72050	70205	71392	1.44	cps
Gadolinium	160-2	55135	54144	54231	54503	1.01	cps
Holmium	165-1	16451559	16226711	16022031	16233434	1.32	cps
Holmium	165-2	12022481	12086761	11942950	12017398	0.60	cps
Indium	115-1	13533073	13259690	13141342	13311369	1.51	cps
Indium	115-2	4832956	4855126	4880406	4856163	0.49	cps
Iron	56-2	309297009	303473529	305033302	305934613	0.99	cps
Iron	57-2	7568264	7487776	7456372	7504138	0.77	cps
Iron	54-2	16652210	16545461	16505618	16567763	0.46	cps
Krypton	83-1	367	360	340	356	3.90	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-14	Instrumnet Name :	P7
Client Sample ID :	MYCZN2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:46:35	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	196231	193956	193633	194607	0.73	cps
Lead	207-1	160304	160155	159225	159894	0.37	cps
Lead	208-1	746079	741564	735617	741087	0.71	cps
Lithium	6-1	1732507	1676023	1688173	1698901	1.75	cps
Magnesium	24-2	8266027	8183225	8082114	8177122	1.13	cps
Manganese	55-2	5020089	5043536	5057125	5040250	0.37	cps
Molybdenum	94-1	26457	26815	25916	26396	1.71	cps
Molybdenum	95-1	2427	2420	2350	2399	1.77	cps
Molybdenum	96-1	10224	9820	10027	10024	2.01	cps
Molybdenum	97-1	1467	1573	1427	1489	5.09	cps
Molybdenum	98-1	3504	3640	3557	3567	1.93	cps
Neodymium	150-1	118012	118211	115528	117250	1.27	cps
Neodymium	150-2	73457	74003	73188	73549	0.56	cps
Nickel	60-2	108496	107307	107431	107745	0.61	cps
Phosphorus	31-2	29108	28623	28787	28839	0.85	cps
Potassium	39-2	5710041	5684288	5608138	5667489	0.93	cps
Rhodium	103-1	12490373	12291992	12089820	12290728	1.63	cps
Rhodium	103-2	7501189	7351951	7424272	7425804	1.01	cps
Scandium	45-1	7569718	7494407	7322932	7462352	1.69	cps
Scandium	45-2	629996	625836	630336	628723	0.40	cps
Selenium	82-1	357	410	365	377	7.66	cps
Selenium	77-2	200	177	170	182	8.64	cps
Selenium	78-2	673	633	687	664	4.18	cps
Silicon	28-1	5959244	5591281	5809606	5786710	3.20	cps
Silver	107-1	1369	1380	1430	1393	2.35	cps
Silver	109-1	997	1130	1073	1067	6.27	cps
Sodium	23-2	205728	202770	203396	203964	0.76	cps
Strontium	86-1	179037	176018	173981	176345	1.44	cps
Strontium	88-1	1612879	1583974	1606791	1601215	0.95	cps
Sulfur	34-1	177741	175400	173562	175568	1.19	cps
Terbium	159-1	17037029	16392001	16432447	16620492	2.17	cps
Terbium	159-2	11788970	11818018	11746872	11784620	0.30	cps
Thallium	203-1	3110	3084	3044	3079	1.09	cps
Thallium	205-1	7395	7085	7065	7182	2.58	cps
Tin	118-1	2884	2970	2667	2840	5.50	cps
Titanium	47-1	811879	803201	791200	802093	1.29	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-14	Instrumnet Name :	P7
Client Sample ID :	MYCZN2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:46:35	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30258	30398	30027	30228	0.62	cps
Vanadium	51-2	517771	515719	512479	515323	0.52	cps
Yttrium	89-1	17011756	16709191	16457863	16726270	1.66	cps
Yttrium	89-2	4461075	4442539	4457863	4453826	0.22	cps
Zinc	66-2	156931	155425	155793	156050	0.50	cps
Zirconium	90-1	69911	71047	67768	69575	2.39	cps
Zirconium	91-1	15308	15008	15068	15128	1.05	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-15	Instrumnet Name :	P7
Client Sample ID :	MYCZN3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:49:45	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3498451	3480134	3450406	3476330	0.70	cps
Antimony	121-1	2210	2180	2254	2215	1.67	cps
Arsenic	75-2	12599	12846	12198	12548	2.60	cps
Barium	135-1	366519	371185	370671	369458	0.69	cps
Barium	137-1	637729	650697	646828	645085	1.03	cps
Beryllium	9-1	713	687	647	682	4.92	cps
Bismuth	209-1	10088554	9865283	9836147	9929995	1.39	cps
Bismuth	209-2	8867702	8733152	8701185	8767346	1.01	cps
Bromine	81-1	14470	15098	15345	14971	3.01	cps
Bromine	81-2	263	263	263	263	0.00	cps
Cadmium	108-1	173	163	170	169	3.01	cps
Cadmium	106-1	4084	4051	4114	4083	0.78	cps
Cadmium	111-1	3905	3853	3842	3867	0.87	cps
Calcium	43-1	282369	288472	286609	285817	1.09	cps
Calcium	44-1	4363219	4446712	4417035	4408989	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146090	146120	145790	146000	0.12	cps
Cobalt	59-2	144847	142626	141042	142838	1.34	cps
Copper	63-2	272800	271753	270917	271823	0.35	cps
Dysprosium	156-1	36243	36414	37373	36677	1.66	cps
Dysprosium	156-2	33206	33062	32741	33003	0.72	cps
Erbium	164-1	32374	32608	32715	32566	0.54	cps
Erbium	164-2	24528	24431	24458	24473	0.20	cps
Gadolinium	160-1	34145	35288	35197	34877	1.82	cps
Gadolinium	160-2	27871	28045	27921	27946	0.32	cps
Holmium	165-1	16258718	16081604	15980817	16107046	0.87	cps
Holmium	165-2	12070138	11850704	11980733	11967192	0.92	cps
Indium	115-1	13442577	13115736	13168777	13242363	1.32	cps
Indium	115-2	4917198	4889070	4967848	4924706	0.81	cps
Iron	56-2	161593994	160384061	159884828	160620961	0.55	cps
Iron	57-2	4013368	3987438	3940823	3980543	0.92	cps
Iron	54-2	8729599	8774478	8673935	8726004	0.58	cps
Krypton	83-1	310	273	327	303	8.99	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-15	Instrumnet Name :	P7
Client Sample ID :	MYCZN3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:49:45	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	180663	184179	183065	182636	0.98	cps
Lead	207-1	150457	153011	155364	152944	1.60	cps
Lead	208-1	695037	712685	710730	706151	1.37	cps
Lithium	6-1	1710190	1640260	1671309	1673920	2.09	cps
Magnesium	24-2	3482018	3478817	3487354	3482730	0.12	cps
Manganese	55-2	3106791	3036247	3050904	3064647	1.21	cps
Molybdenum	94-1	40015	40930	40392	40446	1.14	cps
Molybdenum	95-1	2214	2217	2160	2197	1.45	cps
Molybdenum	96-1	10541	10801	10581	10641	1.32	cps
Molybdenum	97-1	1283	1450	1437	1390	6.66	cps
Molybdenum	98-1	3600	3757	3727	3695	2.25	cps
Neodymium	150-1	62009	63244	63823	63025	1.47	cps
Neodymium	150-2	40354	39275	39773	39801	1.36	cps
Nickel	60-2	54054	52803	53702	53520	1.21	cps
Phosphorus	31-2	16345	16349	16302	16332	0.16	cps
Potassium	39-2	1290124	1280603	1260555	1277094	1.18	cps
Rhodium	103-1	12356066	12101295	12039660	12165674	1.38	cps
Rhodium	103-2	7488276	7373900	7418745	7426974	0.78	cps
Scandium	45-1	7320801	7214659	7188663	7241375	0.97	cps
Scandium	45-2	623702	620923	617600	620742	0.49	cps
Selenium	82-1	280	269	228	259	10.46	cps
Selenium	77-2	110	130	153	131	16.54	cps
Selenium	78-2	680	537	517	578	15.42	cps
Silicon	28-1	7645529	7716828	7669499	7677285	0.47	cps
Silver	107-1	4969	5447	5494	5303	5.48	cps
Silver	109-1	4734	4741	4754	4743	0.21	cps
Sodium	23-2	144019	143235	143730	143661	0.28	cps
Strontium	86-1	113369	116694	116345	115469	1.58	cps
Strontium	88-1	983364	1006330	1004043	997912	1.27	cps
Sulfur	34-1	165846	167106	166788	166580	0.39	cps
Terbium	159-1	16476667	16363254	16287526	16375816	0.58	cps
Terbium	159-2	11716791	11669511	11763020	11716441	0.40	cps
Thallium	203-1	1507	1587	1487	1527	3.47	cps
Thallium	205-1	3567	3347	3567	3494	3.64	cps
Tin	118-1	3667	3651	3681	3666	0.41	cps
Titanium	47-1	623937	633300	635583	630940	0.98	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-15	Instrumnet Name :	P7
Client Sample ID :	MYCZN3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:49:45	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15599	16160	15833	15864	1.78	cps
Vanadium	51-2	343484	347329	340991	343935	0.93	cps
Yttrium	89-1	15889641	15927559	15938041	15918414	0.16	cps
Yttrium	89-2	4360019	4277531	4330561	4322703	0.97	cps
Zinc	66-2	150542	151448	151593	151195	0.38	cps
Zirconium	90-1	107466	108896	107130	107831	0.87	cps
Zirconium	91-1	23953	24417	24384	24251	1.07	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-16	Instrumnet Name :	P7
Client Sample ID :	MYCZN4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:52:53	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9792854	9800439	9809182	9800825	0.08	cps
Antimony	121-1	527	490	463	493	6.45	cps
Arsenic	75-2	36518	36602	36505	36542	0.14	cps
Barium	135-1	1050371	1039817	1047480	1045889	0.52	cps
Barium	137-1	1908422	1884985	1867700	1887036	1.08	cps
Beryllium	9-1	1410	1493	1473	1459	2.98	cps
Bismuth	209-1	9672002	9674833	9758226	9701687	0.50	cps
Bismuth	209-2	8498309	8502930	8513336	8504858	0.09	cps
Bromine	81-1	14991	14938	15201	15043	0.93	cps
Bromine	81-2	347	383	380	370	5.48	cps
Cadmium	108-1	337	300	320	319	5.76	cps
Cadmium	106-1	4507	4571	4387	4489	2.08	cps
Cadmium	111-1	6835	7182	7009	7009	2.48	cps
Calcium	43-1	991566	985070	988644	988427	0.33	cps
Calcium	44-1	15391366	15382559	15306914	15360280	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	372795	371488	370179	371487	0.35	cps
Cobalt	59-2	395518	395197	394915	395210	0.08	cps
Copper	63-2	1377277	1362929	1358618	1366275	0.71	cps
Dysprosium	156-1	88536	85679	86397	86871	1.71	cps
Dysprosium	156-2	76855	74409	74794	75353	1.75	cps
Erbium	164-1	78743	78117	78093	78318	0.47	cps
Erbium	164-2	58478	58689	57447	58205	1.14	cps
Gadolinium	160-1	85046	83953	83903	84300	0.77	cps
Gadolinium	160-2	65365	65512	64260	65046	1.05	cps
Holmium	165-1	16108654	16241790	16095386	16148610	0.50	cps
Holmium	165-2	12021661	12025512	12002694	12016622	0.10	cps
Indium	115-1	13312086	13205801	12958762	13158883	1.38	cps
Indium	115-2	4989206	4960061	4909923	4953063	0.81	cps
Iron	56-2	332823828	330381822	328565648	330590433	0.65	cps
Iron	57-2	8267924	8170001	8131436	8189787	0.86	cps
Iron	54-2	17945605	17885315	17825103	17885341	0.34	cps
Krypton	83-1	333	357	363	351	4.49	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-16	Instrumnet Name :	P7
Client Sample ID :	MYCZN4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:52:53	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	510754	510996	505038	508929	0.66	cps
Lead	207-1	447785	448940	447156	447961	0.20	cps
Lead	208-1	2028948	2024676	2002845	2018823	0.69	cps
Lithium	6-1	1710854	1715311	1682237	1702801	1.05	cps
Magnesium	24-2	10096279	10061873	10071698	10076616	0.18	cps
Manganese	55-2	9537949	9461307	9592010	9530422	0.69	cps
Molybdenum	94-1	12736	12926	12138	12600	3.26	cps
Molybdenum	95-1	2444	2210	2334	2329	5.01	cps
Molybdenum	96-1	8039	7825	7649	7838	2.49	cps
Molybdenum	97-1	1407	1497	1287	1397	7.54	cps
Molybdenum	98-1	3444	3367	3337	3383	1.63	cps
Neodymium	150-1	139047	140027	136971	138682	1.13	cps
Neodymium	150-2	86573	87613	86650	86946	0.67	cps
Nickel	60-2	149859	149190	149273	149441	0.24	cps
Phosphorus	31-2	29352	28780	28830	28987	1.09	cps
Potassium	39-2	3694277	3711081	3700432	3701930	0.23	cps
Rhodium	103-1	12104348	11949303	12052134	12035261	0.66	cps
Rhodium	103-2	7449098	7413780	7401972	7421617	0.33	cps
Scandium	45-1	7525111	7515428	7537206	7525915	0.14	cps
Scandium	45-2	648839	648993	642784	646872	0.55	cps
Selenium	82-1	446	382	349	392	12.54	cps
Selenium	77-2	250	310	183	248	25.57	cps
Selenium	78-2	700	680	677	686	1.84	cps
Silicon	28-1	7536379	7567243	8265027	7789550	5.29	cps
Silver	107-1	3569	3299	3532	3467	4.22	cps
Silver	109-1	2990	2737	2980	2903	4.94	cps
Sodium	23-2	151638	150824	149558	150673	0.70	cps
Strontium	86-1	324320	323462	322789	323523	0.24	cps
Strontium	88-1	2963639	2923698	2895264	2927534	1.17	cps
Sulfur	34-1	196921	199359	197408	197896	0.65	cps
Terbium	159-1	16555174	16423340	16602022	16526845	0.56	cps
Terbium	159-2	11848531	11810508	11717035	11792025	0.57	cps
Thallium	203-1	3014	2964	2957	2978	1.04	cps
Thallium	205-1	7069	6918	6915	6967	1.26	cps
Tin	118-1	2650	2704	2631	2662	1.43	cps
Titanium	47-1	346024	342514	342100	343546	0.63	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-16	Instrumnet Name :	P7
Client Sample ID :	MYCZN4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:52:53	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30629	31063	30612	30768	0.83	cps
Vanadium	51-2	649697	649285	651040	650007	0.14	cps
Yttrium	89-1	16916911	16771611	16629295	16772606	0.86	cps
Yttrium	89-2	4532315	4467938	4490272	4496841	0.73	cps
Zinc	66-2	281585	280883	280818	281095	0.15	cps
Zirconium	90-1	30234	33010	30168	31137	5.21	cps
Zirconium	91-1	6742	6842	6622	6735	1.64	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-17	Instrumnet Name :	P7
Client Sample ID :	MYCZN5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:56:00	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10110630	10150612	10169582	10143608	0.30	cps
Antimony	121-1	620	663	583	622	6.44	cps
Arsenic	75-2	45229	44466	44761	44818	0.86	cps
Barium	135-1	1490650	1478112	1466795	1478519	0.81	cps
Barium	137-1	2695135	2680064	2690474	2688558	0.29	cps
Beryllium	9-1	2197	2234	2287	2239	2.02	cps
Bismuth	209-1	9561844	9663490	9704719	9643351	0.76	cps
Bismuth	209-2	8369233	8489319	8473668	8444073	0.77	cps
Bromine	81-1	15725	15732	16056	15837	1.19	cps
Bromine	81-2	583	513	523	540	7.01	cps
Cadmium	108-1	450	413	450	438	4.84	cps
Cadmium	106-1	4687	4904	4404	4665	5.38	cps
Cadmium	111-1	7494	7885	7432	7604	3.23	cps
Calcium	43-1	1294601	1277498	1248753	1273618	1.82	cps
Calcium	44-1	20578303	20258691	19988598	20275197	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	333241	331620	333991	332951	0.36	cps
Cobalt	59-2	342864	341842	343178	342628	0.20	cps
Copper	63-2	1136879	1135484	1137519	1136628	0.09	cps
Dysprosium	156-1	124287	121177	120532	121999	1.65	cps
Dysprosium	156-2	105455	105076	105966	105499	0.42	cps
Erbium	164-1	107211	106028	105316	106185	0.90	cps
Erbium	164-2	79153	79012	77668	78611	1.04	cps
Gadolinium	160-1	116200	115323	114480	115334	0.75	cps
Gadolinium	160-2	89631	88115	90054	89266	1.14	cps
Holmium	165-1	16045441	15940309	15904719	15963490	0.46	cps
Holmium	165-2	11965769	12015009	11845481	11942086	0.73	cps
Indium	115-1	13113591	12968691	12955151	13012478	0.67	cps
Indium	115-2	4862562	4866467	4818257	4849095	0.55	cps
Iron	56-2	317427155	318267975	319223969	318306366	0.28	cps
Iron	57-2	7895139	7899969	7800789	7865299	0.71	cps
Iron	54-2	17251359	17273677	17328458	17284498	0.23	cps
Krypton	83-1	403	357	387	382	6.19	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-17	Instrumnet Name :	P7
Client Sample ID :	MYCZN5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:56:00	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	713239	706742	711388	710457	0.47	cps
Lead	207-1	642115	633401	626958	634158	1.20	cps
Lead	208-1	2855852	2827229	2828365	2837149	0.57	cps
Lithium	6-1	1716865	1678819	1656899	1684194	1.80	cps
Magnesium	24-2	8928961	8895713	8926749	8917141	0.21	cps
Manganese	55-2	8149770	8032068	8158159	8113332	0.87	cps
Molybdenum	94-1	42104	41860	41936	41967	0.30	cps
Molybdenum	95-1	3671	3430	3570	3557	3.39	cps
Molybdenum	96-1	13633	13626	13413	13557	0.92	cps
Molybdenum	97-1	2334	2170	2274	2259	3.66	cps
Molybdenum	98-1	5578	5274	5488	5447	2.86	cps
Neodymium	150-1	201856	202390	198391	200879	1.08	cps
Neodymium	150-2	125782	125687	123774	125081	0.91	cps
Nickel	60-2	139286	139179	139501	139322	0.12	cps
Phosphorus	31-2	36560	37038	36741	36780	0.66	cps
Potassium	39-2	4698832	4676886	4679221	4684980	0.26	cps
Rhodium	103-1	11861683	11952092	11821996	11878591	0.56	cps
Rhodium	103-2	7306984	7321248	7228435	7285555	0.69	cps
Scandium	45-1	7406623	7322469	7323268	7350787	0.66	cps
Scandium	45-2	625091	624193	626224	625169	0.16	cps
Selenium	82-1	594	624	610	609	2.52	cps
Selenium	77-2	417	357	333	369	11.65	cps
Selenium	78-2	760	757	733	750	1.94	cps
Silicon	28-1	13797206	13716548	13598613	13704122	0.73	cps
Silver	107-1	6897	6709	6875	6827	1.51	cps
Silver	109-1	6258	5895	5995	6049	3.10	cps
Sodium	23-2	225277	225449	227516	226081	0.55	cps
Strontium	86-1	511127	510923	503131	508394	0.90	cps
Strontium	88-1	4620288	4553020	4445492	4539600	1.94	cps
Sulfur	34-1	206063	206205	205894	206054	0.08	cps
Terbium	159-1	16486563	16522971	16458961	16489498	0.19	cps
Terbium	159-2	11718745	11661775	11709186	11696569	0.26	cps
Thallium	203-1	4698	4487	4447	4544	2.96	cps
Thallium	205-1	11398	11308	11141	11283	1.16	cps
Tin	118-1	2914	3527	2634	3025	15.11	cps
Titanium	47-1	629496	623990	620094	624527	0.76	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-17	Instrumnet Name :	P7
Client Sample ID :	MYCZN5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:56:00	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46879	47133	46651	46888	0.51	cps
Vanadium	51-2	503118	500791	507614	503841	0.69	cps
Yttrium	89-1	16801982	16961139	16764716	16842612	0.62	cps
Yttrium	89-2	4529397	4568815	4509459	4535890	0.67	cps
Zinc	66-2	377630	374687	376696	376338	0.40	cps
Zirconium	90-1	107704	108168	115536	110469	3.98	cps
Zirconium	91-1	24578	23826	23759	24054	1.89	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-18	Instrumnet Name :	P7
Client Sample ID :	MYCZN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:59:05	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6069379	6100728	6094259	6088122	0.27	cps
Antimony	121-1	840	847	767	818	5.43	cps
Arsenic	75-2	20634	20761	20648	20681	0.34	cps
Barium	135-1	679756	674841	670773	675123	0.67	cps
Barium	137-1	1183708	1171603	1157475	1170929	1.12	cps
Beryllium	9-1	963	1070	1140	1058	8.41	cps
Bismuth	209-1	9684032	9706571	9572812	9654472	0.74	cps
Bismuth	209-2	8397579	8465593	8386882	8416685	0.51	cps
Bromine	81-1	15859	15912	15552	15774	1.23	cps
Bromine	81-2	323	330	363	339	6.32	cps
Cadmium	108-1	277	290	260	276	5.45	cps
Cadmium	106-1	4304	4447	4151	4301	3.45	cps
Cadmium	111-1	5310	5311	5027	5216	3.14	cps
Calcium	43-1	404726	396420	394925	398690	1.32	cps
Calcium	44-1	6284556	6118205	6032281	6145014	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230136	225454	227607	227733	1.03	cps
Cobalt	59-2	246256	244474	242102	244277	0.85	cps
Copper	63-2	832444	826587	826906	828646	0.40	cps
Dysprosium	156-1	59719	58598	58812	59043	1.01	cps
Dysprosium	156-2	52304	52220	51705	52076	0.62	cps
Erbium	164-1	53134	52321	52715	52723	0.77	cps
Erbium	164-2	39145	38409	38727	38760	0.95	cps
Gadolinium	160-1	56881	56958	56788	56876	0.15	cps
Gadolinium	160-2	45300	43845	43701	44282	2.00	cps
Holmium	165-1	16091211	15989434	15883901	15988182	0.65	cps
Holmium	165-2	11917864	11832099	11825980	11858647	0.43	cps
Indium	115-1	13247538	13246250	12956607	13150131	1.27	cps
Indium	115-2	4961475	4798486	4873555	4877839	1.67	cps
Iron	56-2	239920516	235252956	237190976	237454816	0.99	cps
Iron	57-2	5783893	5839248	5807890	5810344	0.48	cps
Iron	54-2	12941836	12814838	12838981	12865218	0.52	cps
Krypton	83-1	270	340	330	313	12.08	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-18	Instrumnet Name :	P7
Client Sample ID :	MYCZN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:59:05	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	295085	293201	291938	293408	0.54	cps
Lead	207-1	254883	252508	251103	252831	0.76	cps
Lead	208-1	1163080	1149877	1143396	1152118	0.87	cps
Lithium	6-1	1662931	1632685	1662727	1652781	1.05	cps
Magnesium	24-2	6059061	5897921	5877178	5944720	1.67	cps
Manganese	55-2	4601111	4531201	4572200	4568171	0.77	cps
Molybdenum	94-1	39339	38524	38711	38858	1.10	cps
Molybdenum	95-1	2270	2264	2140	2225	3.29	cps
Molybdenum	96-1	11084	11178	11011	11091	0.75	cps
Molybdenum	97-1	1320	1200	1173	1231	6.35	cps
Molybdenum	98-1	3210	3267	3130	3203	2.14	cps
Neodymium	150-1	97953	95416	94460	95943	1.88	cps
Neodymium	150-2	60010	60014	59572	59865	0.42	cps
Nickel	60-2	89669	89578	88505	89251	0.73	cps
Phosphorus	31-2	22957	23191	22757	22968	0.95	cps
Potassium	39-2	2329555	2354997	2337532	2340695	0.56	cps
Rhodium	103-1	12246497	12232900	11926529	12135309	1.49	cps
Rhodium	103-2	7380831	7402130	7273122	7352027	0.94	cps
Scandium	45-1	7326099	7298813	7238665	7287859	0.61	cps
Scandium	45-2	625604	623847	621906	623785	0.30	cps
Selenium	82-1	421	306	297	341	20.32	cps
Selenium	77-2	177	173	167	172	2.96	cps
Selenium	78-2	677	607	500	594	14.97	cps
Silicon	28-1	6286238	6089204	6057501	6144314	2.02	cps
Silver	107-1	2171	2053	2082	2102	2.93	cps
Silver	109-1	1840	1743	1713	1766	3.75	cps
Sodium	23-2	123305	121114	121632	122017	0.94	cps
Strontium	86-1	197566	197310	194504	196460	0.86	cps
Strontium	88-1	1781816	1776303	1722728	1760282	1.85	cps
Sulfur	34-1	174787	171763	169414	171988	1.57	cps
Terbium	159-1	16638131	16538894	16350391	16509139	0.89	cps
Terbium	159-2	11646209	11610288	11624653	11627050	0.16	cps
Thallium	203-1	2237	2170	2127	2178	2.54	cps
Thallium	205-1	4968	5058	5098	5041	1.32	cps
Tin	118-1	3120	2914	3264	3099	5.69	cps
Titanium	47-1	576791	571534	562557	570294	1.26	cps

Reviewed By:Mohan
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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-18	Instrumnet Name :	P7
Client Sample ID :	MYCZN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 22:59:05	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25117	25381	24783	25094	1.19	cps
Vanadium	51-2	449991	446402	445333	447242	0.55	cps
Yttrium	89-1	16547051	16161640	16285844	16331512	1.20	cps
Yttrium	89-2	4383624	4391922	4326453	4367333	0.82	cps
Zinc	66-2	267899	267773	266864	267512	0.21	cps
Zirconium	90-1	103941	101548	101545	102345	1.35	cps
Zirconium	91-1	23235	22881	22467	22861	1.68	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-19	Instrumnet Name :	P7
Client Sample ID :	MYCZN7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:02:15	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3402403	3310114	3303332	3338616	1.66	cps
Antimony	121-1	813	893	783	830	6.85	cps
Arsenic	75-2	12645	12278	11962	12295	2.78	cps
Barium	135-1	424064	426885	431139	427363	0.83	cps
Barium	137-1	735495	740520	748733	741583	0.90	cps
Beryllium	9-1	633	520	717	623	15.84	cps
Bismuth	209-1	10344854	10152614	9817270	10104913	2.64	cps
Bismuth	209-2	8391502	8486884	8451399	8443262	0.57	cps
Bromine	81-1	14851	14474	14467	14597	1.50	cps
Bromine	81-2	243	257	263	254	4.00	cps
Cadmium	108-1	167	150	157	158	5.32	cps
Cadmium	106-1	4251	3947	4034	4077	3.83	cps
Cadmium	111-1	4012	3676	3748	3812	4.65	cps
Calcium	43-1	297671	299643	301919	299745	0.71	cps
Calcium	44-1	4586074	4671431	4673174	4643560	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115387	117252	114940	115860	1.06	cps
Cobalt	59-2	130289	131362	128084	129912	1.29	cps
Copper	63-2	319742	321825	322214	321261	0.41	cps
Dysprosium	156-1	34546	34466	34382	34464	0.24	cps
Dysprosium	156-2	30951	30747	31218	30972	0.76	cps
Erbium	164-1	29869	30089	29945	29968	0.37	cps
Erbium	164-2	22695	22802	22789	22762	0.26	cps
Gadolinium	160-1	32347	32742	33256	32782	1.39	cps
Gadolinium	160-2	26238	26485	26241	26321	0.54	cps
Holmium	165-1	16788079	16524685	15948030	16420264	2.62	cps
Holmium	165-2	11746220	11857014	11717778	11773671	0.62	cps
Indium	115-1	13964857	13685411	13317068	13655778	2.38	cps
Indium	115-2	4867842	4878942	4862915	4869900	0.17	cps
Iron	56-2	123639235	123578755	123778895	123665628	0.08	cps
Iron	57-2	3083943	3080631	3085354	3083310	0.08	cps
Iron	54-2	6692062	6739359	6640824	6690748	0.74	cps
Krypton	83-1	297	293	280	290	3.04	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-19	Instrumnet Name :	P7
Client Sample ID :	MYCZN7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:02:15	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	166799	171085	172496	170127	1.74	cps
Lead	207-1	144324	147279	146858	146154	1.09	cps
Lead	208-1	659548	667670	671044	666087	0.89	cps
Lithium	6-1	1762721	1724075	1657274	1714690	3.11	cps
Magnesium	24-2	3186688	3174404	3158971	3173355	0.44	cps
Manganese	55-2	2825636	2826224	2804216	2818692	0.44	cps
Molybdenum	94-1	33411	33228	33348	33329	0.28	cps
Molybdenum	95-1	1543	1823	1713	1693	8.33	cps
Molybdenum	96-1	8719	8192	8663	8525	3.39	cps
Molybdenum	97-1	1013	957	1050	1007	4.67	cps
Molybdenum	98-1	2847	2724	2760	2777	2.28	cps
Neodymium	150-1	57664	58253	59223	58380	1.35	cps
Neodymium	150-2	36644	37329	36778	36917	0.98	cps
Nickel	60-2	52759	51511	51525	51932	1.38	cps
Phosphorus	31-2	13783	13696	13833	13771	0.50	cps
Potassium	39-2	1537519	1518261	1507881	1521220	0.99	cps
Rhodium	103-1	12883539	12658542	12303045	12615042	2.32	cps
Rhodium	103-2	7404657	7360373	7376129	7380386	0.30	cps
Scandium	45-1	7632515	7530787	7241300	7468201	2.72	cps
Scandium	45-2	619761	620929	613407	618032	0.65	cps
Selenium	82-1	338	234	256	276	19.86	cps
Selenium	77-2	93	87	113	98	14.19	cps
Selenium	78-2	567	563	533	554	3.31	cps
Silicon	28-1	6542252	6596020	6648615	6595629	0.81	cps
Silver	107-1	1824	1774	1855	1818	2.24	cps
Silver	109-1	1703	1570	1593	1622	4.39	cps
Sodium	23-2	95225	95041	93505	94590	1.00	cps
Strontium	86-1	127334	127607	130488	128476	1.36	cps
Strontium	88-1	1113328	1120929	1125566	1119941	0.55	cps
Sulfur	34-1	160920	162719	163042	162227	0.70	cps
Terbium	159-1	17274952	17072762	16468236	16938650	2.48	cps
Terbium	159-2	11696719	11563214	11501156	11587030	0.86	cps
Thallium	203-1	1497	1363	1550	1470	6.54	cps
Thallium	205-1	3460	3510	3587	3519	1.81	cps
Tin	118-1	3674	5066	3681	4141	19.35	cps
Titanium	47-1	540561	546334	544797	543897	0.55	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-19	Instrumnet Name :	P7
Client Sample ID :	MYCZN7	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:02:15	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13460	13817	13477	13585	1.48	cps
Vanadium	51-2	234010	229952	231968	231977	0.87	cps
Yttrium	89-1	16769101	16667866	15875898	16437622	2.98	cps
Yttrium	89-2	4347646	4295903	4307477	4317009	0.63	cps
Zinc	66-2	98267	98066	97925	98086	0.18	cps
Zirconium	90-1	86919	88377	88679	87992	1.07	cps
Zirconium	91-1	19490	19570	19727	19595	0.62	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-03	Instrumnet Name :	P7
Client Sample ID :	MYCZG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:05:22	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7183032	7212147	7143240	7179473	0.48	cps
Antimony	121-1	4934	5051	4804	4930	2.50	cps
Arsenic	75-2	74358	73531	74134	74008	0.58	cps
Barium	135-1	675079	672936	668493	672169	0.50	cps
Barium	137-1	1160352	1169981	1156297	1162210	0.60	cps
Beryllium	9-1	1050	1133	1113	1099	3.96	cps
Bismuth	209-1	9497764	9536599	9618682	9551015	0.65	cps
Bismuth	209-2	8341991	8353208	8399890	8365029	0.37	cps
Bromine	81-1	14627	14864	14971	14821	1.19	cps
Bromine	81-2	430	360	390	393	8.93	cps
Cadmium	108-1	737	803	757	766	4.47	cps
Cadmium	106-1	4848	4784	4738	4790	1.15	cps
Cadmium	111-1	11832	12020	11933	11928	0.79	cps
Calcium	43-1	411289	406423	402641	406784	1.07	cps
Calcium	44-1	6387217	6345667	6262093	6331659	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	279313	278764	278182	278753	0.20	cps
Cobalt	59-2	271111	268918	272006	270678	0.59	cps
Copper	63-2	766902	764687	763883	765157	0.20	cps
Dysprosium	156-1	77475	77931	77619	77675	0.30	cps
Dysprosium	156-2	70714	70060	70151	70308	0.50	cps
Erbium	164-1	65777	64920	64859	65185	0.79	cps
Erbium	164-2	48226	48741	49139	48702	0.94	cps
Gadolinium	160-1	72574	72406	71505	72161	0.80	cps
Gadolinium	160-2	55325	56175	56413	55971	1.02	cps
Holmium	165-1	15415161	15305682	15372765	15364536	0.36	cps
Holmium	165-2	11751615	11630050	11602695	11661453	0.68	cps
Indium	115-1	12584240	12667581	12584275	12612032	0.38	cps
Indium	115-2	4787094	4695426	4731389	4737970	0.97	cps
Iron	56-2	284372429	286416022	285183236	285323896	0.36	cps
Iron	57-2	7036543	7067103	7044117	7049254	0.23	cps
Iron	54-2	15435779	15436829	15445363	15439324	0.03	cps
Krypton	83-1	293	283	357	311	12.78	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-03	Instrumnet Name :	P7
Client Sample ID :	MYCZG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:05:22	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1864475	1861675	1867725	1864625	0.16	cps
Lead	207-1	1619377	1617642	1624702	1620574	0.23	cps
Lead	208-1	7597669	7512963	7511261	7540631	0.66	cps
Lithium	6-1	1610336	1614450	1573190	1599325	1.42	cps
Magnesium	24-2	6834402	6838371	6745249	6806007	0.77	cps
Manganese	55-2	5642759	5672785	5657540	5657695	0.27	cps
Molybdenum	94-1	64736	63279	64371	64128	1.18	cps
Molybdenum	95-1	6925	6782	6411	6706	3.95	cps
Molybdenum	96-1	19837	20137	19617	19864	1.32	cps
Molybdenum	97-1	4227	3981	3991	4066	3.43	cps
Molybdenum	98-1	10437	10581	10390	10469	0.95	cps
Neodymium	150-1	130396	131570	129447	130471	0.81	cps
Neodymium	150-2	81933	81875	81544	81784	0.26	cps
Nickel	60-2	92731	92965	92392	92696	0.31	cps
Phosphorus	31-2	37342	37663	37970	37658	0.83	cps
Potassium	39-2	4816904	4751605	4778802	4782437	0.69	cps
Rhodium	103-1	11632160	11600227	11600754	11611047	0.16	cps
Rhodium	103-2	7232382	7141008	7182028	7185139	0.64	cps
Scandium	45-1	6989483	7045636	7034860	7023326	0.42	cps
Scandium	45-2	605503	602666	604742	604304	0.24	cps
Selenium	82-1	478	507	398	461	12.29	cps
Selenium	77-2	230	273	263	256	8.88	cps
Selenium	78-2	627	620	683	643	5.41	cps
Silicon	28-1	11676872	13953350	10164903	11931709	15.98	cps
Silver	107-1	13437	13490	13422	13450	0.27	cps
Silver	109-1	12829	12599	12889	12772	1.20	cps
Sodium	23-2	148071	147915	146754	147580	0.49	cps
Strontium	86-1	215222	214377	212721	214107	0.59	cps
Strontium	88-1	1886677	1900166	1911299	1899381	0.65	cps
Sulfur	34-1	217739	217113	212050	215634	1.45	cps
Terbium	159-1	15698999	15947362	15736553	15794305	0.85	cps
Terbium	159-2	11560548	11522712	11480971	11521411	0.35	cps
Thallium	203-1	2877	2770	2690	2779	3.37	cps
Thallium	205-1	6695	6708	6505	6636	1.71	cps
Tin	118-1	4851	4761	4374	4662	5.43	cps
Titanium	47-1	1025543	1024555	1018131	1022743	0.39	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-03	Instrumnet Name :	P7
Client Sample ID :	MYCZG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:05:22	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30582	30465	30285	30444	0.49	cps
Vanadium	51-2	420539	418544	417968	419017	0.32	cps
Yttrium	89-1	15640122	16081776	15758736	15826878	1.44	cps
Yttrium	89-2	4355357	4275297	4341272	4323975	0.99	cps
Zinc	66-2	614436	618041	615510	615996	0.30	cps
Zirconium	90-1	165147	161719	162568	163145	1.09	cps
Zirconium	91-1	36606	36579	35951	36378	1.02	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-04	Instrumnet Name :	P7
Client Sample ID :	MYCZG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:08:30	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6625089	6667019	6563236	6618448	0.79	cps
Antimony	121-1	4224	4684	4384	4431	5.27	cps
Arsenic	75-2	62675	61694	61805	62058	0.87	cps
Barium	135-1	1387427	1372043	1374353	1377941	0.60	cps
Barium	137-1	2496772	2519932	2454916	2490540	1.32	cps
Beryllium	9-1	1187	1127	1117	1143	3.31	cps
Bismuth	209-1	9722596	9803388	9746301	9757428	0.43	cps
Bismuth	209-2	8373500	8417122	8292521	8361047	0.76	cps
Bromine	81-1	14954	14934	14330	14740	2.41	cps
Bromine	81-2	327	330	317	324	2.14	cps
Cadmium	108-1	1010	947	990	982	3.30	cps
Cadmium	106-1	5054	5048	5201	5101	1.70	cps
Cadmium	111-1	15019	15169	15813	15334	2.75	cps
Calcium	43-1	421256	420373	418156	419929	0.38	cps
Calcium	44-1	6553447	6506560	6533144	6531050	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	219527	217731	216747	218002	0.65	cps
Cobalt	59-2	245581	243203	242659	243814	0.64	cps
Copper	63-2	747634	743452	740337	743808	0.49	cps
Dysprosium	156-1	75287	74047	73608	74314	1.17	cps
Dysprosium	156-2	64296	64591	65090	64659	0.62	cps
Erbium	164-1	64387	63798	63972	64052	0.47	cps
Erbium	164-2	48343	47611	47855	47936	0.78	cps
Gadolinium	160-1	72232	71009	70168	71136	1.46	cps
Gadolinium	160-2	56115	56185	54803	55701	1.40	cps
Holmium	165-1	15713821	15838989	15850522	15801111	0.48	cps
Holmium	165-2	11732476	11677555	11605631	11671887	0.55	cps
Indium	115-1	12855491	12836035	12885884	12859137	0.20	cps
Indium	115-2	4793429	4720530	4727453	4747137	0.85	cps
Iron	56-2	308090655	312618849	311461235	310723580	0.76	cps
Iron	57-2	7627116	7647050	7653889	7642685	0.18	cps
Iron	54-2	16872586	16716683	16629999	16739756	0.73	cps
Krypton	83-1	340	357	347	348	2.41	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-04	Instrumnet Name :	P7
Client Sample ID :	MYCZG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:08:30	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3668839	3613191	3644128	3642053	0.77	cps
Lead	207-1	3220734	3217565	3216075	3218125	0.07	cps
Lead	208-1	14489013	14537314	14407587	14477971	0.45	cps
Lithium	6-1	1595904	1669155	1649624	1638228	2.32	cps
Magnesium	24-2	5981738	5895162	5846103	5907668	1.16	cps
Manganese	55-2	6345756	6315065	6381523	6347448	0.52	cps
Molybdenum	94-1	31357	30926	30328	30870	1.67	cps
Molybdenum	95-1	7332	7062	7255	7216	1.93	cps
Molybdenum	96-1	15972	15165	15008	15382	3.36	cps
Molybdenum	97-1	4654	4467	4494	4539	2.23	cps
Molybdenum	98-1	11698	11308	11508	11505	1.70	cps
Neodymium	150-1	124056	122620	123141	123273	0.59	cps
Neodymium	150-2	78115	76734	76851	77233	0.99	cps
Nickel	60-2	75411	75904	75804	75706	0.34	cps
Phosphorus	31-2	40587	39658	39929	40058	1.19	cps
Potassium	39-2	4134023	4136817	4119500	4130113	0.23	cps
Rhodium	103-1	11881018	11732885	11900598	11838167	0.77	cps
Rhodium	103-2	7132446	7214118	7155833	7167466	0.59	cps
Scandium	45-1	7073720	7093957	7085688	7084455	0.14	cps
Scandium	45-2	608681	605348	603075	605701	0.47	cps
Selenium	82-1	466	451	438	452	3.06	cps
Selenium	77-2	233	223	247	234	4.99	cps
Selenium	78-2	607	687	660	651	6.26	cps
Silicon	28-1	7213318	7139366	7121701	7158128	0.68	cps
Silver	107-1	19978	20414	19966	20119	1.27	cps
Silver	109-1	18782	18982	18979	18915	0.61	cps
Sodium	23-2	160870	159132	160119	160040	0.54	cps
Strontium	86-1	193399	188399	187470	189756	1.68	cps
Strontium	88-1	1719447	1685869	1728458	1711258	1.31	cps
Sulfur	34-1	212220	212077	211608	211968	0.15	cps
Terbium	159-1	16022170	16303994	16291845	16206003	0.98	cps
Terbium	159-2	11525679	11385828	11358076	11423194	0.79	cps
Thallium	203-1	2614	2707	2530	2617	3.38	cps
Thallium	205-1	6111	6328	6272	6237	1.80	cps
Tin	118-1	19169	19016	19013	19066	0.47	cps
Titanium	47-1	948389	941801	933680	941290	0.78	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-04	Instrumnet Name :	P7
Client Sample ID :	MYCZG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:08:30	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28090	28300	28277	28222	0.41	cps
Vanadium	51-2	368808	367138	367241	367729	0.25	cps
Yttrium	89-1	16047721	15920011	16013438	15993724	0.41	cps
Yttrium	89-2	4388596	4372734	4286464	4349265	1.26	cps
Zinc	66-2	987083	985221	986029	986111	0.09	cps
Zirconium	90-1	73925	73104	72960	73330	0.71	cps
Zirconium	91-1	16603	16102	16272	16326	1.56	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-05	Instrumnet Name :	P7
Client Sample ID :	MYCZG3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:11:32	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7143553	7076975	6979102	7066544	1.17	cps
Antimony	121-1	3440	3397	3227	3355	3.36	cps
Arsenic	75-2	72781	72070	71341	72064	1.00	cps
Barium	135-1	836325	833622	835137	835028	0.16	cps
Barium	137-1	1430644	1471723	1450465	1450944	1.42	cps
Beryllium	9-1	1243	1210	1267	1240	2.30	cps
Bismuth	209-1	9835002	9738351	9781952	9785102	0.49	cps
Bismuth	209-2	8496769	8392502	8449568	8446279	0.62	cps
Bromine	81-1	15281	15171	14427	14960	3.11	cps
Bromine	81-2	353	373	440	389	11.67	cps
Cadmium	108-1	947	917	847	903	5.68	cps
Cadmium	106-1	5041	5198	4821	5020	3.77	cps
Cadmium	111-1	13490	14019	13632	13714	1.99	cps
Calcium	43-1	381086	385457	387621	384721	0.87	cps
Calcium	44-1	5902685	6024244	5943979	5956969	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237338	237691	235916	236982	0.40	cps
Cobalt	59-2	238235	239287	237401	238308	0.40	cps
Copper	63-2	621076	619460	613105	617880	0.68	cps
Dysprosium	156-1	81893	84120	82775	82929	1.35	cps
Dysprosium	156-2	71531	73320	73327	72726	1.42	cps
Erbium	164-1	70246	71217	71016	70826	0.72	cps
Erbium	164-2	53184	52913	52696	52931	0.46	cps
Gadolinium	160-1	77637	79997	79252	78962	1.53	cps
Gadolinium	160-2	61494	61196	61310	61333	0.24	cps
Holmium	165-1	15869909	15967912	15882014	15906612	0.34	cps
Holmium	165-2	11749022	11796184	11702414	11749207	0.40	cps
Indium	115-1	12931060	12635405	12802756	12789741	1.16	cps
Indium	115-2	4798607	4804607	4756090	4786435	0.55	cps
Iron	56-2	296182769	293681682	292688902	294184451	0.61	cps
Iron	57-2	7309718	7218112	7311266	7279699	0.73	cps
Iron	54-2	16007332	15910409	15868315	15928685	0.45	cps
Krypton	83-1	267	277	333	292	12.30	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-05	Instrumnet Name :	P7
Client Sample ID :	MYCZG3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:11:32	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2568565	2588926	2594673	2584055	0.53	cps
Lead	207-1	2357142	2372603	2376598	2368781	0.43	cps
Lead	208-1	10424422	10548647	10526388	10499819	0.63	cps
Lithium	6-1	1672038	1643506	1623492	1646345	1.48	cps
Magnesium	24-2	6042417	6040725	6001517	6028220	0.38	cps
Manganese	55-2	6029916	6072323	6002120	6034787	0.59	cps
Molybdenum	94-1	48423	48878	48182	48494	0.73	cps
Molybdenum	95-1	6812	6848	6735	6798	0.85	cps
Molybdenum	96-1	17390	17911	17467	17590	1.60	cps
Molybdenum	97-1	4107	4237	3941	4095	3.63	cps
Molybdenum	98-1	10274	10574	10874	10574	2.84	cps
Neodymium	150-1	132799	135086	135752	134546	1.15	cps
Neodymium	150-2	84659	84763	84934	84785	0.16	cps
Nickel	60-2	76373	76339	76282	76332	0.06	cps
Phosphorus	31-2	40911	41757	41296	41321	1.02	cps
Potassium	39-2	4804756	4819671	4773430	4799286	0.49	cps
Rhodium	103-1	11879105	11783011	11777379	11813165	0.48	cps
Rhodium	103-2	7229417	7225382	7200556	7218451	0.22	cps
Scandium	45-1	7193821	7066363	7053050	7104411	1.09	cps
Scandium	45-2	605759	605790	603121	604890	0.25	cps
Selenium	82-1	527	624	511	554	10.99	cps
Selenium	77-2	217	197	220	211	5.98	cps
Selenium	78-2	703	650	723	692	5.48	cps
Silicon	28-1	8774549	8869459	8856914	8833641	0.58	cps
Silver	107-1	12830	12893	13069	12931	0.96	cps
Silver	109-1	11935	12122	12212	12090	1.17	cps
Sodium	23-2	143132	143945	142905	143327	0.38	cps
Strontium	86-1	193325	197908	197475	196236	1.29	cps
Strontium	88-1	1725573	1800100	1750675	1758782	2.16	cps
Sulfur	34-1	209191	208080	207671	208314	0.38	cps
Terbium	159-1	16275922	16304820	16219516	16266753	0.27	cps
Terbium	159-2	11597858	11695574	11475094	11589509	0.95	cps
Thallium	203-1	3230	2980	3117	3109	4.03	cps
Thallium	205-1	7279	7712	7355	7449	3.11	cps
Tin	118-1	5715	5851	5868	5811	1.45	cps
Titanium	47-1	1089265	1104038	1097943	1097082	0.68	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-05	Instrumnet Name :	P7
Client Sample ID :	MYCZG3	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:11:32	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30191	32203	31220	31205	3.22	cps
Vanadium	51-2	396859	394846	396012	395906	0.26	cps
Yttrium	89-1	16057519	16136421	15888924	16027621	0.79	cps
Yttrium	89-2	4382092	4361421	4325491	4356334	0.66	cps
Zinc	66-2	847224	846289	847200	846905	0.06	cps
Zirconium	90-1	118887	122841	121393	121040	1.65	cps
Zirconium	91-1	27012	27436	27189	27212	0.78	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-06	Instrumnet Name :	P7
Client Sample ID :	MYCZG4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:14:39	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7938627	8080254	7908027	7975636	1.15	cps
Antimony	121-1	713	740	753	736	2.77	cps
Arsenic	75-2	39813	39716	39155	39562	0.90	cps
Barium	135-1	911499	919297	917837	916211	0.45	cps
Barium	137-1	1628459	1635794	1653848	1639367	0.80	cps
Beryllium	9-1	1453	1487	1610	1517	5.44	cps
Bismuth	209-1	10233156	9822327	9728049	9927844	2.71	cps
Bismuth	209-2	8495958	8479600	8398766	8458108	0.62	cps
Bromine	81-1	15288	14794	15622	15235	2.73	cps
Bromine	81-2	517	437	520	491	9.61	cps
Cadmium	108-1	347	393	350	363	7.16	cps
Cadmium	106-1	4291	4394	4281	4322	1.45	cps
Cadmium	111-1	7311	7604	7682	7532	2.60	cps
Calcium	43-1	592298	599147	602053	597833	0.84	cps
Calcium	44-1	9116076	9251129	9271986	9213064	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250494	245943	248277	248238	0.92	cps
Cobalt	59-2	274149	277091	274904	275381	0.55	cps
Copper	63-2	564045	562584	563433	563354	0.13	cps
Dysprosium	156-1	91566	92398	93321	92428	0.95	cps
Dysprosium	156-2	82376	82594	81709	82226	0.56	cps
Erbium	164-1	77480	79038	78888	78469	1.10	cps
Erbium	164-2	58823	59479	59586	59296	0.70	cps
Gadolinium	160-1	86350	88232	88527	87703	1.35	cps
Gadolinium	160-2	70054	69019	69266	69446	0.78	cps
Holmium	165-1	16679114	16271814	16126249	16359059	1.75	cps
Holmium	165-2	12052334	11846987	11893520	11930947	0.90	cps
Indium	115-1	13597138	13060640	12779090	13145623	3.16	cps
Indium	115-2	4820234	4793776	4804190	4806067	0.28	cps
Iron	56-2	289073996	287209702	289943942	288742547	0.48	cps
Iron	57-2	7185267	7081808	7091699	7119591	0.80	cps
Iron	54-2	15645155	15630095	15579405	15618218	0.22	cps
Krypton	83-1	363	310	367	347	9.17	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-06	Instrumnet Name :	P7
Client Sample ID :	MYCZG4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:14:39	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	646522	657240	657144	653635	0.94	cps
Lead	207-1	569318	575616	579415	574783	0.89	cps
Lead	208-1	2561649	2596375	2603726	2587250	0.87	cps
Lithium	6-1	1726175	1656384	1629182	1670580	2.99	cps
Magnesium	24-2	7235904	7207757	7171152	7204938	0.45	cps
Manganese	55-2	6863709	6804509	6828793	6832337	0.44	cps
Molybdenum	94-1	7976	11172	7735	8961	21.41	cps
Molybdenum	95-1	3671	3647	3914	3744	3.95	cps
Molybdenum	96-1	7822	7976	7892	7897	0.97	cps
Molybdenum	97-1	2160	2260	2234	2218	2.34	cps
Molybdenum	98-1	5461	5798	5738	5666	3.17	cps
Neodymium	150-1	152137	154162	152596	152965	0.69	cps
Neodymium	150-2	96078	95742	96967	96262	0.66	cps
Nickel	60-2	92758	93965	93133	93285	0.66	cps
Phosphorus	31-2	37950	37245	37927	37708	1.06	cps
Potassium	39-2	5431355	5454543	5414740	5433546	0.37	cps
Rhodium	103-1	12320520	12055994	11963584	12113366	1.53	cps
Rhodium	103-2	7282526	7230523	7199485	7237511	0.58	cps
Scandium	45-1	7402433	7156712	7148191	7235779	2.00	cps
Scandium	45-2	613788	614115	611151	613018	0.27	cps
Selenium	82-1	349	441	347	379	14.11	cps
Selenium	77-2	217	287	197	233	20.25	cps
Selenium	78-2	667	680	713	687	3.50	cps
Silicon	28-1	8747632	8799227	8709329	8752062	0.52	cps
Silver	107-1	3281	3425	3394	3367	2.26	cps
Silver	109-1	2767	3057	2890	2905	5.01	cps
Sodium	23-2	148894	148287	166712	154631	6.77	cps
Strontium	86-1	265770	271134	269930	268944	1.05	cps
Strontium	88-1	2354572	2440377	2430010	2408320	1.94	cps
Sulfur	34-1	178944	180549	181817	180437	0.80	cps
Terbium	159-1	17034476	16494637	16412055	16647056	2.03	cps
Terbium	159-2	11880433	11528026	11653663	11687374	1.53	cps
Thallium	203-1	2634	2830	2784	2749	3.74	cps
Thallium	205-1	6505	6765	6768	6679	2.26	cps
Tin	118-1	2130	2390	2387	2303	6.48	cps
Titanium	47-1	504491	511347	514378	510072	0.99	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-06	Instrumnet Name :	P7
Client Sample ID :	MYCZG4	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:14:39	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32944	33095	32988	33009	0.23	cps
Vanadium	51-2	356573	354468	351627	354223	0.70	cps
Yttrium	89-1	17083746	16486962	16324806	16631838	2.40	cps
Yttrium	89-2	4428096	4395035	4401573	4408235	0.40	cps
Zinc	66-2	331789	330974	329267	330677	0.39	cps
Zirconium	90-1	15528	15642	16409	15860	3.02	cps
Zirconium	91-1	3634	3570	3691	3632	1.65	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-07	Instrumnet Name :	P7
Client Sample ID :	MYCZG5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:17:46	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8061338	8007261	8039373	8035991	0.34	cps
Antimony	121-1	590	603	433	542	17.44	cps
Arsenic	75-2	23566	23816	23285	23555	1.13	cps
Barium	135-1	1095121	1084886	1081631	1087213	0.65	cps
Barium	137-1	1975583	1949374	1944442	1956466	0.86	cps
Beryllium	9-1	1953	1930	1933	1939	0.65	cps
Bismuth	209-1	9798643	9739953	9700348	9746315	0.51	cps
Bismuth	209-2	8503075	8430108	8395248	8442811	0.65	cps
Bromine	81-1	15892	15879	15939	15903	0.20	cps
Bromine	81-2	513	533	523	523	1.91	cps
Cadmium	108-1	260	283	210	251	14.92	cps
Cadmium	106-1	3897	3934	4001	3944	1.33	cps
Cadmium	111-1	5301	5256	5513	5357	2.57	cps
Calcium	43-1	485565	474331	474714	478203	1.33	cps
Calcium	44-1	7508395	7377381	7431237	7439004	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	352546	351976	350278	351600	0.34	cps
Cobalt	59-2	274386	272598	273168	273384	0.33	cps
Copper	63-2	463242	464546	464318	464036	0.15	cps
Dysprosium	156-1	118810	116609	117422	117614	0.95	cps
Dysprosium	156-2	105976	105610	105972	105853	0.20	cps
Erbium	164-1	93463	93017	92480	92986	0.53	cps
Erbium	164-2	68952	67967	68792	68570	0.77	cps
Gadolinium	160-1	107169	107669	107082	107307	0.30	cps
Gadolinium	160-2	84077	82655	82038	82923	1.26	cps
Holmium	165-1	16123561	15790169	15977558	15963763	1.05	cps
Holmium	165-2	11913441	11748527	11764616	11808861	0.77	cps
Indium	115-1	12959037	12901012	12878916	12912988	0.32	cps
Indium	115-2	4860091	4825184	4732323	4805866	1.37	cps
Iron	56-2	240647176	238241330	234668997	237852501	1.26	cps
Iron	57-2	5931559	5878059	5898545	5902721	0.46	cps
Iron	54-2	13033388	12889899	12839178	12920821	0.78	cps
Krypton	83-1	317	320	323	320	1.04	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-07	Instrumnet Name :	P7
Client Sample ID :	MYCZG5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:17:46	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	547183	541436	543410	544010	0.54	cps
Lead	207-1	474991	470149	474165	473101	0.55	cps
Lead	208-1	2158260	2141018	2137835	2145704	0.51	cps
Lithium	6-1	1655624	1661752	1639060	1652145	0.71	cps
Magnesium	24-2	7139596	7105566	6992275	7079146	1.09	cps
Manganese	55-2	6726969	6636181	6618816	6660656	0.87	cps
Molybdenum	94-1	9827	9770	9630	9742	1.04	cps
Molybdenum	95-1	3497	3260	3037	3265	7.05	cps
Molybdenum	96-1	6918	7152	7158	7076	1.93	cps
Molybdenum	97-1	2040	1963	2087	2030	3.07	cps
Molybdenum	98-1	4924	4998	4901	4941	1.02	cps
Neodymium	150-1	216223	217217	216414	216618	0.24	cps
Neodymium	150-2	137435	135177	135207	135940	0.95	cps
Nickel	60-2	147419	144966	144821	145735	1.00	cps
Phosphorus	31-2	33821	33797	33764	33794	0.08	cps
Potassium	39-2	5342693	5251858	5323203	5305918	0.90	cps
Rhodium	103-1	12004166	11750009	11867771	11873982	1.07	cps
Rhodium	103-2	7289982	7245155	7113427	7216188	1.27	cps
Scandium	45-1	7230537	7158673	7198333	7195848	0.50	cps
Scandium	45-2	613145	606300	601122	606856	0.99	cps
Selenium	82-1	464	445	420	443	4.93	cps
Selenium	77-2	367	380	363	370	2.38	cps
Selenium	78-2	707	817	713	746	8.27	cps
Silicon	28-1	7860521	7915275	7556924	7777573	2.48	cps
Silver	107-1	2501	2543	2552	2532	1.08	cps
Silver	109-1	1890	1813	1823	1842	2.26	cps
Sodium	23-2	150742	150975	149901	150540	0.38	cps
Strontium	86-1	337397	334533	333265	335065	0.63	cps
Strontium	88-1	3027015	3013578	2988131	3009575	0.66	cps
Sulfur	34-1	181939	180705	179231	180625	0.75	cps
Terbium	159-1	16451318	16346242	16225713	16341091	0.69	cps
Terbium	159-2	11964799	11690278	11594178	11749751	1.64	cps
Thallium	203-1	3754	3714	3591	3686	2.31	cps
Thallium	205-1	8783	8690	8663	8712	0.72	cps
Tin	118-1	2074	2174	2922	2390	19.41	cps
Titanium	47-1	607301	606624	599718	604547	0.69	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-07	Instrumnet Name :	P7
Client Sample ID :	MYCZG5	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:17:46	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55525	54926	56530	55660	1.46	cps
Vanadium	51-2	302465	301512	300302	301426	0.36	cps
Yttrium	89-1	16461809	16501862	16573754	16512475	0.34	cps
Yttrium	89-2	4495048	4396291	4432416	4441252	1.13	cps
Zinc	66-2	268208	263990	266536	266245	0.80	cps
Zirconium	90-1	21499	21442	21366	21436	0.31	cps
Zirconium	91-1	5151	4784	4831	4922	4.06	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:20:54	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2980490	2947139	2923853	2950494	0.96	cps
Antimony	121-1	977	1063	960	1000	5.55	cps
Arsenic	75-2	22063	22030	20955	21683	2.91	cps
Barium	135-1	288348	287255	285815	287139	0.44	cps
Barium	137-1	506056	499625	495955	500545	1.02	cps
Beryllium	9-1	633	543	570	582	7.94	cps
Bismuth	209-1	9667028	9622407	9520803	9603413	0.78	cps
Bismuth	209-2	8343114	8381450	8281657	8335407	0.60	cps
Bromine	81-1	15522	15542	15008	15357	1.97	cps
Bromine	81-2	260	213	303	259	17.39	cps
Cadmium	108-1	193	130	137	153	22.70	cps
Cadmium	106-1	3917	4001	3761	3893	3.13	cps
Cadmium	111-1	3765	3764	3575	3701	2.96	cps
Calcium	43-1	142027	140211	139834	140690	0.83	cps
Calcium	44-1	2214812	2227739	2177328	2206626	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65310	64025	64708	64681	0.99	cps
Cobalt	59-2	94025	92744	93183	93318	0.70	cps
Copper	63-2	276195	276150	274959	275768	0.25	cps
Dysprosium	156-1	34950	34502	34983	34812	0.77	cps
Dysprosium	156-2	30693	30527	30500	30573	0.34	cps
Erbium	164-1	27931	28963	28673	28522	1.87	cps
Erbium	164-2	20979	20832	20869	20893	0.37	cps
Gadolinium	160-1	32929	32678	32825	32811	0.38	cps
Gadolinium	160-2	25600	26054	25797	25817	0.88	cps
Holmium	165-1	15642392	15664601	15670129	15659041	0.09	cps
Holmium	165-2	11533401	11763110	11573433	11623315	1.06	cps
Indium	115-1	12943106	12950058	12917389	12936851	0.13	cps
Indium	115-2	4833358	4793578	4814082	4813673	0.41	cps
Iron	56-2	130026431	129505175	129418611	129650073	0.25	cps
Iron	57-2	3242114	3205343	3224173	3223876	0.57	cps
Iron	54-2	7031707	7050115	6963690	7015171	0.65	cps
Krypton	83-1	300	250	263	271	9.55	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:20:54	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	207563	208152	206057	207258	0.52	cps
Lead	207-1	186324	188023	187547	187298	0.47	cps
Lead	208-1	841294	837881	831414	836863	0.60	cps
Lithium	6-1	1638663	1620846	1636992	1632167	0.60	cps
Magnesium	24-2	1992160	2008960	2006253	2002458	0.45	cps
Manganese	55-2	2158345	2153129	2123800	2145092	0.87	cps
Molybdenum	94-1	30572	30325	30679	30525	0.59	cps
Molybdenum	95-1	1790	1863	1667	1773	5.60	cps
Molybdenum	96-1	8372	8309	8386	8356	0.49	cps
Molybdenum	97-1	1077	1207	1040	1108	7.91	cps
Molybdenum	98-1	2937	2620	2894	2817	6.10	cps
Neodymium	150-1	59782	58280	58136	58733	1.55	cps
Neodymium	150-2	36731	37072	36420	36741	0.89	cps
Nickel	60-2	24300	24861	24730	24630	1.19	cps
Phosphorus	31-2	11067	11598	11171	11279	2.49	cps
Potassium	39-2	1589017	1599311	1599937	1596088	0.38	cps
Rhodium	103-1	12045871	11976094	11794486	11938817	1.09	cps
Rhodium	103-2	7273192	7334248	7250822	7286087	0.59	cps
Scandium	45-1	7065326	7158043	7001394	7074921	1.11	cps
Scandium	45-2	599538	605161	599677	601459	0.53	cps
Selenium	82-1	269	302	289	287	5.77	cps
Selenium	77-2	123	83	103	103	19.36	cps
Selenium	78-2	520	560	583	554	5.78	cps
Silicon	28-1	2857661	3038189	2849995	2915282	3.65	cps
Silver	107-1	1883	1781	1738	1801	4.12	cps
Silver	109-1	1577	1517	1473	1522	3.41	cps
Sodium	23-2	48546	48316	47998	48286	0.57	cps
Strontium	86-1	73224	73449	71897	72857	1.15	cps
Strontium	88-1	635184	637359	630940	634494	0.51	cps
Sulfur	34-1	165165	164484	164845	164831	0.21	cps
Terbium	159-1	15869456	16064268	15991131	15974952	0.62	cps
Terbium	159-2	11567326	11416510	11376777	11453538	0.88	cps
Thallium	203-1	1267	1273	1197	1246	3.41	cps
Thallium	205-1	2824	2794	2967	2861	3.24	cps
Tin	118-1	6582	6502	6542	6542	0.61	cps
Titanium	47-1	244064	249081	243125	245423	1.30	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:20:54	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10738	10478	10601	10605	1.23	cps
Vanadium	51-2	196609	192832	196491	195311	1.10	cps
Yttrium	89-1	15528731	15485139	15353207	15455692	0.59	cps
Yttrium	89-2	4201091	4174535	4189402	4188342	0.32	cps
Zinc	66-2	108366	106805	106469	107213	0.94	cps
Zirconium	90-1	80117	80874	80670	80554	0.49	cps
Zirconium	91-1	18248	17938	17484	17890	2.15	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:24:02	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2940766	2901873	2956236	2932959	0.96	cps
Antimony	121-1	897	857	930	894	4.11	cps
Arsenic	75-2	21249	21195	21025	21156	0.55	cps
Barium	135-1	286337	284097	284033	284822	0.46	cps
Barium	137-1	493739	492303	494708	493583	0.25	cps
Beryllium	9-1	657	590	663	637	6.37	cps
Bismuth	209-1	9620118	9613937	9553249	9595768	0.39	cps
Bismuth	209-2	8394520	8360139	8403823	8386161	0.27	cps
Bromine	81-1	15038	15578	15515	15377	1.92	cps
Bromine	81-2	200	217	270	229	15.98	cps
Cadmium	108-1	87	147	177	137	33.53	cps
Cadmium	106-1	4141	3884	3567	3864	7.43	cps
Cadmium	111-1	3939	3707	3531	3726	5.49	cps
Calcium	43-1	139561	138334	137640	138512	0.70	cps
Calcium	44-1	2176841	2164265	2150352	2163819	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66546	66660	66030	66412	0.51	cps
Cobalt	59-2	91030	91677	90085	90931	0.88	cps
Copper	63-2	247328	243330	244533	245064	0.84	cps
Dysprosium	156-1	33821	33854	32979	33551	1.48	cps
Dysprosium	156-2	30012	29858	29000	29623	1.84	cps
Erbium	164-1	27557	27761	27614	27644	0.38	cps
Erbium	164-2	20572	20886	21293	20917	1.73	cps
Gadolinium	160-1	31258	32464	32691	32138	2.40	cps
Gadolinium	160-2	25293	25286	25627	25402	0.77	cps
Holmium	165-1	15684312	15744512	15586347	15671724	0.51	cps
Holmium	165-2	11661219	11663525	11606069	11643604	0.28	cps
Indium	115-1	12918470	12904843	12650441	12824585	1.18	cps
Indium	115-2	4828741	4761599	4836125	4808822	0.85	cps
Iron	56-2	128763078	128211645	128790718	128588480	0.25	cps
Iron	57-2	3186942	3118905	3162791	3156212	1.09	cps
Iron	54-2	7016160	6951124	7038371	7001885	0.65	cps
Krypton	83-1	210	327	283	273	21.58	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:24:02	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	203725	203923	201633	203094	0.62	cps
Lead	207-1	185641	182633	184252	184175	0.82	cps
Lead	208-1	825399	821660	823071	823377	0.23	cps
Lithium	6-1	1641085	1628924	1632171	1634060	0.39	cps
Magnesium	24-2	2018134	2019487	2016221	2017948	0.08	cps
Manganese	55-2	2114684	2122872	2098851	2112136	0.58	cps
Molybdenum	94-1	30321	29894	30171	30129	0.72	cps
Molybdenum	95-1	1887	1687	1790	1788	5.60	cps
Molybdenum	96-1	7949	8229	8026	8068	1.79	cps
Molybdenum	97-1	1120	1223	1103	1149	5.66	cps
Molybdenum	98-1	2747	2757	2687	2730	1.39	cps
Neodymium	150-1	55770	56951	55833	56185	1.18	cps
Neodymium	150-2	35705	36260	35097	35687	1.63	cps
Nickel	60-2	24577	24500	24383	24487	0.40	cps
Phosphorus	31-2	11228	11628	11151	11335	2.26	cps
Potassium	39-2	1605368	1598963	1581344	1595225	0.78	cps
Rhodium	103-1	12019272	11957163	11833664	11936700	0.79	cps
Rhodium	103-2	7219469	7325827	7288842	7278046	0.74	cps
Scandium	45-1	7048257	7067498	6978860	7031538	0.66	cps
Scandium	45-2	603403	599269	598767	600480	0.42	cps
Selenium	82-1	319	193	261	258	24.59	cps
Selenium	77-2	77	87	70	78	10.79	cps
Selenium	78-2	573	487	483	514	9.92	cps
Silicon	28-1	2861127	2838076	2856314	2851839	0.43	cps
Silver	107-1	1685	1747	1676	1702	2.28	cps
Silver	109-1	1557	1523	1477	1519	2.65	cps
Sodium	23-2	48810	47884	47931	48209	1.08	cps
Strontium	86-1	72454	71422	71362	71746	0.86	cps
Strontium	88-1	628679	626049	623270	625999	0.43	cps
Sulfur	34-1	169802	169620	166930	168784	0.95	cps
Terbium	159-1	16003956	16015485	15866677	15962039	0.52	cps
Terbium	159-2	11345251	11428715	11359352	11377773	0.39	cps
Thallium	203-1	1207	1370	1393	1323	7.69	cps
Thallium	205-1	2897	3017	3020	2978	2.36	cps
Tin	118-1	4777	4301	4621	4566	5.32	cps
Titanium	47-1	243801	242458	241882	242714	0.41	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:24:02	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10551	10441	10701	10564	1.24	cps
Vanadium	51-2	195415	194576	193571	194521	0.47	cps
Yttrium	89-1	15457638	15509087	15323016	15429913	0.62	cps
Yttrium	89-2	4137627	4206258	4158461	4167449	0.84	cps
Zinc	66-2	107419	106889	107845	107384	0.45	cps
Zirconium	90-1	79410	79446	79065	79307	0.27	cps
Zirconium	91-1	18034	17981	17157	17724	2.78	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:27:12	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	602490	597265	593869	597875	0.73	cps
Antimony	121-1	213	277	230	240	13.68	cps
Arsenic	75-2	4357	4654	4534	4515	3.31	cps
Barium	135-1	59189	58506	58389	58695	0.74	cps
Barium	137-1	101075	100945	99870	100630	0.66	cps
Beryllium	9-1	150	157	177	161	8.61	cps
Bismuth	209-1	9602511	9691669	9468856	9587679	1.17	cps
Bismuth	209-2	8480078	8504345	8234247	8406223	1.78	cps
Bromine	81-1	15228	15655	15318	15400	1.46	cps
Bromine	81-2	180	150	110	147	23.94	cps
Cadmium	108-1	33	50	43	42	19.87	cps
Cadmium	106-1	4024	3360	3354	3579	10.76	cps
Cadmium	111-1	3088	2589	2598	2758	10.35	cps
Calcium	43-1	28213	29241	28861	28772	1.81	cps
Calcium	44-1	476794	476144	469109	474016	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14374	14624	14397	14465	0.96	cps
Cobalt	59-2	19326	19299	20023	19549	2.10	cps
Copper	63-2	60327	60552	60883	60587	0.46	cps
Dysprosium	156-1	7005	6968	6928	6967	0.55	cps
Dysprosium	156-2	6208	6228	6178	6205	0.41	cps
Erbium	164-1	5915	5551	5474	5647	4.16	cps
Erbium	164-2	4261	4417	4204	4294	2.57	cps
Gadolinium	160-1	6558	6695	6525	6593	1.37	cps
Gadolinium	160-2	5811	5635	5735	5727	1.55	cps
Holmium	165-1	15149290	15507102	15565854	15407415	1.46	cps
Holmium	165-2	11643376	11689870	11292387	11541877	1.88	cps
Indium	115-1	12846999	12863620	13049670	12920096	0.87	cps
Indium	115-2	4858088	4886231	4778688	4841002	1.15	cps
Iron	56-2	26627859	26548135	26405792	26527262	0.42	cps
Iron	57-2	665440	670066	666764	667423	0.36	cps
Iron	54-2	1448317	1474582	1468761	1463887	0.94	cps
Krypton	83-1	277	243	253	258	6.63	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:27:12	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	43356	42222	42272	42616	1.50	cps
Lead	207-1	38077	38317	37863	38086	0.60	cps
Lead	208-1	171354	170551	171308	171071	0.26	cps
Lithium	6-1	1615853	1625657	1600854	1614121	0.77	cps
Magnesium	24-2	402808	399393	399731	400644	0.47	cps
Manganese	55-2	432111	432052	431953	432039	0.02	cps
Molybdenum	94-1	7239	6932	6945	7038	2.46	cps
Molybdenum	95-1	433	417	400	417	4.00	cps
Molybdenum	96-1	1937	1933	2010	1960	2.21	cps
Molybdenum	97-1	283	323	257	288	11.66	cps
Molybdenum	98-1	670	780	727	726	7.58	cps
Neodymium	150-1	11658	11975	11952	11862	1.49	cps
Neodymium	150-2	7405	7535	7289	7410	1.67	cps
Nickel	60-2	5724	5818	5648	5730	1.49	cps
Phosphorus	31-2	2407	2420	2377	2401	0.92	cps
Potassium	39-2	386427	388796	383697	386307	0.66	cps
Rhodium	103-1	11919055	12108524	12029396	12018991	0.79	cps
Rhodium	103-2	7244839	7413324	7366759	7341641	1.19	cps
Scandium	45-1	7026830	7003524	7019066	7016473	0.17	cps
Scandium	45-2	605143	608276	601142	604854	0.59	cps
Selenium	82-1	161	205	146	171	18.12	cps
Selenium	77-2	3	27	20	17	72.13	cps
Selenium	78-2	593	493	447	511	14.66	cps
Silicon	28-1	1293031	1266023	1265743	1274932	1.23	cps
Silver	107-1	531	376	508	472	17.68	cps
Silver	109-1	417	337	353	369	11.44	cps
Sodium	23-2	26406	26817	26977	26733	1.10	cps
Strontium	86-1	15341	15248	14634	15074	2.55	cps
Strontium	88-1	128889	128838	129900	129209	0.46	cps
Sulfur	34-1	162406	162190	160911	161836	0.50	cps
Terbium	159-1	15991413	15805296	15736684	15844464	0.83	cps
Terbium	159-2	11347222	11591568	11378937	11439242	1.16	cps
Thallium	203-1	513	543	480	512	6.19	cps
Thallium	205-1	1047	1097	1077	1073	2.34	cps
Tin	118-1	3397	3254	3167	3273	3.55	cps
Titanium	47-1	50708	50658	50507	50624	0.21	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ18L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:27:12	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2190	2447	2204	2280	6.34	cps
Vanadium	51-2	40140	39889	40461	40163	0.71	cps
Yttrium	89-1	15300503	15112639	15081257	15164799	0.78	cps
Yttrium	89-2	4114038	4174420	4100523	4129661	0.95	cps
Zinc	66-2	22934	22500	22681	22705	0.96	cps
Zirconium	90-1	18559	18408	18542	18503	0.45	cps
Zirconium	91-1	4327	4221	4084	4211	2.90	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:30:26	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2977984	2990976	3041580	3003513	1.12	cps
Antimony	121-1	279225	277233	276062	277506	0.58	cps
Arsenic	75-2	27743	27632	27319	27565	0.80	cps
Barium	135-1	1843120	1835761	1812378	1830420	0.88	cps
Barium	137-1	3154728	3167276	3077878	3133294	1.54	cps
Beryllium	9-1	16429	16275	16222	16309	0.66	cps
Bismuth	209-1	9628068	9533394	9487629	9549697	0.75	cps
Bismuth	209-2	8271459	8433751	8444178	8383129	1.16	cps
Bromine	81-1	15622	14711	14634	14989	3.67	cps
Bromine	81-2	243	247	300	263	12.08	cps
Cadmium	108-1	2460	2614	2630	2568	3.65	cps
Cadmium	106-1	7629	7232	6742	7201	6.17	cps
Cadmium	111-1	40583	39990	39375	39983	1.51	cps
Calcium	43-1	137160	136894	136140	136731	0.39	cps
Calcium	44-1	2148177	2135682	2117757	2133872	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	300058	300646	301421	300708	0.23	cps
Cobalt	59-2	1019938	1027384	1025801	1024375	0.38	cps
Copper	63-2	588267	588716	587688	588224	0.09	cps
Dysprosium	156-1	33330	33497	33687	33504	0.53	cps
Dysprosium	156-2	29351	29942	28890	29394	1.79	cps
Erbium	164-1	27751	27454	26923	27376	1.53	cps
Erbium	164-2	20318	20148	20665	20377	1.29	cps
Gadolinium	160-1	32584	32254	31392	32077	1.92	cps
Gadolinium	160-2	25119	25103	25250	25157	0.32	cps
Holmium	165-1	16009222	15903365	15566846	15826477	1.46	cps
Holmium	165-2	11632147	11752549	11657787	11680828	0.54	cps
Indium	115-1	13142262	13086693	12958051	13062335	0.72	cps
Indium	115-2	4770738	4762606	4884613	4805986	1.42	cps
Iron	56-2	127045235	127225281	125951485	126740667	0.54	cps
Iron	57-2	3143301	3129685	3127492	3133493	0.27	cps
Iron	54-2	6856332	6849942	6836570	6847615	0.15	cps
Krypton	83-1	270	327	333	310	11.23	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:30:26	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	245947	242598	241405	243316	0.97	cps
Lead	207-1	216820	216470	214267	215852	0.64	cps
Lead	208-1	975524	968223	962136	968628	0.69	cps
Lithium	6-1	1662813	1634185	1617953	1638317	1.39	cps
Magnesium	24-2	1983194	1958990	1958951	1967045	0.71	cps
Manganese	55-2	2568857	2573825	2523355	2555346	1.09	cps
Molybdenum	94-1	30582	29723	28922	29743	2.79	cps
Molybdenum	95-1	1760	1720	1750	1743	1.19	cps
Molybdenum	96-1	8199	8069	8019	8096	1.15	cps
Molybdenum	97-1	1017	1103	1083	1068	4.25	cps
Molybdenum	98-1	2734	2750	2687	2724	1.21	cps
Neodymium	150-1	56687	57557	57205	57150	0.77	cps
Neodymium	150-2	36283	35468	35598	35783	1.22	cps
Nickel	60-2	263921	261713	263097	262910	0.42	cps
Phosphorus	31-2	10974	10674	10917	10855	1.47	cps
Potassium	39-2	1560717	1567415	1544242	1557458	0.77	cps
Rhodium	103-1	12154983	12060135	11787345	12000821	1.59	cps
Rhodium	103-2	7241383	7281894	7339459	7287579	0.68	cps
Scandium	45-1	7211520	6948001	7047724	7069082	1.88	cps
Scandium	45-2	595979	599215	603413	599535	0.62	cps
Selenium	82-1	4366	4232	4272	4290	1.61	cps
Selenium	77-2	480	507	517	501	3.78	cps
Selenium	78-2	2003	1903	2060	1989	3.99	cps
Silicon	28-1	3041189	3015845	3079745	3045593	1.06	cps
Silver	107-1	185628	187773	185554	186318	0.68	cps
Silver	109-1	175913	179270	177950	177711	0.95	cps
Sodium	23-2	47065	46276	47359	46900	1.19	cps
Strontium	86-1	71191	71894	71563	71549	0.49	cps
Strontium	88-1	623015	617287	608709	616337	1.17	cps
Sulfur	34-1	166587	163636	162039	164087	1.41	cps
Terbium	159-1	15953953	16208814	15816674	15993147	1.24	cps
Terbium	159-2	11385809	11462682	11599848	11482780	0.94	cps
Thallium	203-1	128236	127964	126514	127571	0.73	cps
Thallium	205-1	305428	303856	299471	302918	1.02	cps
Tin	118-1	4571	4364	4234	4390	3.87	cps
Titanium	47-1	244403	240737	240883	242008	0.86	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:30:26	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10684	10404	10387	10492	1.59	cps
Vanadium	51-2	705299	698296	701536	701710	0.50	cps
Yttrium	89-1	15716464	15572257	15541968	15610230	0.60	cps
Yttrium	89-2	4163156	4194765	4206454	4188125	0.53	cps
Zinc	66-2	222167	221018	219567	220917	0.59	cps
Zirconium	90-1	78364	78867	77912	78381	0.61	cps
Zirconium	91-1	17427	17511	16700	17212	2.59	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:33:35	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3294834	3254362	3249282	3266159	0.76	cps
Antimony	121-1	1125533	1125179	1119142	1123285	0.32	cps
Arsenic	75-2	44383	44179	43925	44162	0.52	cps
Barium	135-1	5690653	5638971	5687595	5672406	0.51	cps
Barium	137-1	9726097	9739031	9684327	9716485	0.29	cps
Beryllium	9-1	55124	54933	54746	54934	0.34	cps
Bismuth	209-1	9748632	9527484	9455724	9577280	1.59	cps
Bismuth	209-2	8286735	8312417	8239533	8279562	0.45	cps
Bromine	81-1	14430	14711	14224	14455	1.69	cps
Bromine	81-2	200	240	217	219	9.18	cps
Cadmium	108-1	9690	9740	9803	9744	0.58	cps
Cadmium	106-1	16730	16683	16606	16673	0.37	cps
Cadmium	111-1	149108	148448	146664	148073	0.85	cps
Calcium	43-1	136130	135549	131430	134370	1.91	cps
Calcium	44-1	2127564	2088945	2055972	2090827	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	899072	896637	895913	897208	0.18	cps
Cobalt	59-2	3441015	3491864	3462474	3465118	0.74	cps
Copper	63-2	1380844	1369254	1373973	1374690	0.42	cps
Dysprosium	156-1	32605	33173	32551	32776	1.05	cps
Dysprosium	156-2	28816	29344	29357	29172	1.06	cps
Erbium	164-1	27073	27510	27400	27328	0.83	cps
Erbium	164-2	20452	20265	19948	20221	1.26	cps
Gadolinium	160-1	31245	31649	31629	31508	0.72	cps
Gadolinium	160-2	24448	24548	24702	24566	0.52	cps
Holmium	165-1	15557066	15322686	15470368	15450040	0.77	cps
Holmium	165-2	11401123	11487650	11492663	11460478	0.45	cps
Indium	115-1	12763753	12670369	12421912	12618678	1.40	cps
Indium	115-2	4743910	4718681	4764774	4742455	0.49	cps
Iron	56-2	127973681	127838731	127697065	127836493	0.11	cps
Iron	57-2	3186942	3189027	3140142	3172037	0.87	cps
Iron	54-2	7034278	6951413	6910292	6965328	0.91	cps
Krypton	83-1	230	283	310	274	14.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:33:35	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	375956	373981	369588	373175	0.87	cps
Lead	207-1	321981	320554	317424	319986	0.73	cps
Lead	208-1	1467262	1468132	1448315	1461236	0.77	cps
Lithium	6-1	1619903	1589261	1570737	1593300	1.56	cps
Magnesium	24-2	1931129	1896957	1921226	1916437	0.92	cps
Manganese	55-2	3698539	3714418	3783120	3732026	1.20	cps
Molybdenum	94-1	29750	29343	29186	29426	0.99	cps
Molybdenum	95-1	1690	1847	1747	1761	4.50	cps
Molybdenum	96-1	8056	7715	7946	7906	2.20	cps
Molybdenum	97-1	1037	1090	967	1031	6.00	cps
Molybdenum	98-1	2670	2940	2690	2767	5.44	cps
Neodymium	150-1	56988	57004	55867	56620	1.15	cps
Neodymium	150-2	35782	35371	35361	35505	0.68	cps
Nickel	60-2	848158	858120	854604	853627	0.59	cps
Phosphorus	31-2	10957	10807	10877	10881	0.69	cps
Potassium	39-2	1577147	1560758	1525485	1554463	1.70	cps
Rhodium	103-1	11800644	11836436	11580121	11739067	1.18	cps
Rhodium	103-2	7223610	7287281	7257893	7256261	0.44	cps
Scandium	45-1	7048313	6958834	6719839	6908995	2.46	cps
Scandium	45-2	596644	594365	590945	593985	0.48	cps
Selenium	82-1	19838	19564	19184	19529	1.68	cps
Selenium	77-2	2274	2090	2040	2135	5.76	cps
Selenium	78-2	7168	7519	7429	7372	2.47	cps
Silicon	28-1	3073639	3021365	3020898	3038634	1.00	cps
Silver	107-1	557789	555475	550736	554667	0.65	cps
Silver	109-1	530592	529737	529650	529993	0.10	cps
Sodium	23-2	46955	45460	45942	46119	1.65	cps
Strontium	86-1	71013	71553	69051	70539	1.87	cps
Strontium	88-1	615321	606186	605795	609101	0.89	cps
Sulfur	34-1	161129	158364	156235	158576	1.55	cps
Terbium	159-1	15895237	15913395	15790049	15866227	0.42	cps
Terbium	159-2	11174418	11336651	11064873	11191981	1.22	cps
Thallium	203-1	513605	524379	513980	517322	1.18	cps
Thallium	205-1	1226884	1220924	1218236	1222014	0.36	cps
Tin	118-1	4437	4324	4654	4472	3.75	cps
Titanium	47-1	240017	241406	236100	239174	1.15	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5182-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ18SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:33:35	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10541	10714	10508	10588	1.05	cps
Vanadium	51-2	2039617	2059925	2043397	2047646	0.53	cps
Yttrium	89-1	15425327	15154469	15204777	15261525	0.94	cps
Yttrium	89-2	4186060	4143903	4148957	4159640	0.55	cps
Zinc	66-2	501713	504490	498517	501573	0.60	cps
Zirconium	90-1	78301	77858	77111	77757	0.77	cps
Zirconium	91-1	17527	17641	17007	17391	1.94	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:36:36	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6840771	6874080	6748018	6820956	0.96	cps
Antimony	121-1	5051	5011	5084	5049	0.73	cps
Arsenic	75-2	32509	32288	31918	32238	0.93	cps
Barium	135-1	132762	135154	134602	134173	0.93	cps
Barium	137-1	232404	233604	231878	232629	0.38	cps
Beryllium	9-1	357	383	390	377	4.68	cps
Bismuth	209-1	9603073	9458367	9487400	9516280	0.80	cps
Bismuth	209-2	8282177	8404739	8317557	8334824	0.76	cps
Bromine	81-1	14684	14407	15131	14741	2.48	cps
Bromine	81-2	230	190	237	219	11.53	cps
Cadmium	108-1	310	320	323	318	2.18	cps
Cadmium	106-1	3911	3851	3821	3861	1.19	cps
Cadmium	111-1	5946	5970	5923	5946	0.40	cps
Calcium	43-1	139252	139571	140277	139700	0.38	cps
Calcium	44-1	2112395	2170992	2179894	2154427	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499307	502824	498255	500129	0.48	cps
Cobalt	59-2	285893	286460	282960	285104	0.66	cps
Copper	63-2	1402170	1400098	1404671	1402313	0.16	cps
Dysprosium	156-1	14371	14931	15485	14929	3.73	cps
Dysprosium	156-2	12646	12502	12853	12667	1.39	cps
Erbium	164-1	17147	17594	17428	17390	1.30	cps
Erbium	164-2	13517	13487	13350	13451	0.66	cps
Gadolinium	160-1	15932	15659	15712	15768	0.92	cps
Gadolinium	160-2	13210	13180	13240	13210	0.23	cps
Holmium	165-1	15646148	15593458	15677621	15639075	0.27	cps
Holmium	165-2	11723802	11831012	11564264	11706359	1.15	cps
Indium	115-1	12804628	12600655	12824638	12743307	0.97	cps
Indium	115-2	4861801	4908838	4847113	4872584	0.66	cps
Iron	56-2	255465770	251947870	249997243	252470294	1.10	cps
Iron	57-2	6244358	6217508	6234636	6232167	0.22	cps
Iron	54-2	13746345	13625326	13614387	13662019	0.54	cps
Krypton	83-1	223	273	287	261	12.79	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:36:36	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	303330	305518	306141	304996	0.48	cps
Lead	207-1	268651	271130	269366	269716	0.47	cps
Lead	208-1	1211042	1222713	1219475	1217743	0.49	cps
Lithium	6-1	1614675	1601347	1586165	1600729	0.89	cps
Magnesium	24-2	7556662	7638006	7490621	7561763	0.98	cps
Manganese	55-2	3850817	3878552	3821813	3850394	0.74	cps
Molybdenum	94-1	15879	16169	16536	16195	2.03	cps
Molybdenum	95-1	1737	1837	1900	1825	4.51	cps
Molybdenum	96-1	6868	7218	7329	7138	3.37	cps
Molybdenum	97-1	1047	1277	1097	1140	10.61	cps
Molybdenum	98-1	2680	2734	2724	2713	1.05	cps
Neodymium	150-1	19724	20101	19777	19867	1.03	cps
Neodymium	150-2	12739	13326	12479	12848	3.38	cps
Nickel	60-2	126367	127492	124263	126041	1.30	cps
Phosphorus	31-2	4014	4104	3874	3997	2.90	cps
Potassium	39-2	287162	288273	285362	286932	0.51	cps
Rhodium	103-1	11786643	11808802	11821540	11805662	0.15	cps
Rhodium	103-2	7341196	7388164	7280087	7336483	0.74	cps
Scandium	45-1	7074716	7029128	7088225	7064023	0.44	cps
Scandium	45-2	625418	625096	626118	625544	0.08	cps
Selenium	82-1	408	283	266	319	24.15	cps
Selenium	77-2	77	47	43	56	33.05	cps
Selenium	78-2	677	560	563	600	11.07	cps
Silicon	28-1	5013032	5104703	5088931	5068889	0.97	cps
Silver	107-1	5325	5278	5273	5292	0.55	cps
Silver	109-1	4911	5111	4928	4983	2.23	cps
Sodium	23-2	53078	52593	53138	52936	0.56	cps
Strontium	86-1	71492	72886	72755	72378	1.06	cps
Strontium	88-1	620579	622162	629582	624108	0.77	cps
Sulfur	34-1	151661	153424	154249	153111	0.86	cps
Terbium	159-1	15821031	15839939	15912813	15857928	0.31	cps
Terbium	159-2	11592732	11567684	11412304	11524240	0.85	cps
Thallium	203-1	1007	987	1047	1013	3.02	cps
Thallium	205-1	2640	2577	2464	2560	3.50	cps
Tin	118-1	5541	5414	5518	5491	1.23	cps
Titanium	47-1	1099341	1121109	1114911	1111787	1.01	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:36:36	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5958	5891	5631	5827	2.96	cps
Vanadium	51-2	552583	552094	546825	550501	0.58	cps
Yttrium	89-1	15297536	15361489	15367341	15342122	0.25	cps
Yttrium	89-2	4253893	4228299	4204775	4228989	0.58	cps
Zinc	66-2	110753	112070	112117	111646	0.69	cps
Zirconium	90-1	41174	41555	41468	41399	0.48	cps
Zirconium	91-1	8946	9356	9043	9115	2.35	cps

Reviewed By:Mohan
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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:39:47	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6718059	6662770	6644549	6675126	0.57	cps
Antimony	121-1	4507	4724	4484	4572	2.90	cps
Arsenic	75-2	31928	31243	31881	31684	1.21	cps
Barium	135-1	130953	132432	131668	131684	0.56	cps
Barium	137-1	225201	228288	229508	227666	0.97	cps
Beryllium	9-1	310	290	387	329	15.51	cps
Bismuth	209-1	10448248	9769361	9633438	9950349	4.39	cps
Bismuth	209-2	8339847	8356829	8282260	8326312	0.47	cps
Bromine	81-1	15525	15652	15385	15520	0.86	cps
Bromine	81-2	183	200	187	190	4.64	cps
Cadmium	108-1	283	317	367	322	13.02	cps
Cadmium	106-1	4507	4034	3751	4097	9.33	cps
Cadmium	111-1	6225	5777	5644	5882	5.18	cps
Calcium	43-1	138721	140564	138108	139131	0.92	cps
Calcium	44-1	2181704	2163765	2180178	2175216	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492255	491198	493388	492281	0.22	cps
Cobalt	59-2	282014	280859	281868	281581	0.22	cps
Copper	63-2	1386299	1373179	1377834	1379104	0.48	cps
Dysprosium	156-1	14491	15328	14948	14922	2.81	cps
Dysprosium	156-2	12636	12105	12626	12456	2.44	cps
Erbium	164-1	17081	17191	17705	17325	1.92	cps
Erbium	164-2	12793	12816	13140	12916	1.50	cps
Gadolinium	160-1	15836	15886	16043	15921	0.68	cps
Gadolinium	160-2	13196	12702	13013	12971	1.92	cps
Holmium	165-1	16960923	15966501	15605029	16177484	4.34	cps
Holmium	165-2	11822796	11679900	11737661	11746786	0.61	cps
Indium	115-1	14261876	13205363	13133300	13533513	4.67	cps
Indium	115-2	4915317	4935558	4919986	4923620	0.22	cps
Iron	56-2	249077816	247303596	246728456	247703290	0.49	cps
Iron	57-2	6071160	6098485	6132312	6100652	0.50	cps
Iron	54-2	13458652	13441111	13381096	13426953	0.30	cps
Krypton	83-1	243	250	207	233	10.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:39:47	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	296161	300905	299155	298741	0.80	cps
Lead	207-1	260181	263960	259159	261100	0.97	cps
Lead	208-1	1179677	1192176	1183779	1185211	0.54	cps
Lithium	6-1	1738196	1624628	1607079	1656634	4.30	cps
Magnesium	24-2	7416200	7369873	7353295	7379789	0.44	cps
Manganese	55-2	3834473	3815065	3804076	3817871	0.40	cps
Molybdenum	94-1	16226	16870	16660	16585	1.98	cps
Molybdenum	95-1	1930	1977	1673	1860	8.78	cps
Molybdenum	96-1	7382	7329	7025	7245	2.66	cps
Molybdenum	97-1	1200	1117	1053	1123	6.55	cps
Molybdenum	98-1	2750	2987	2657	2798	6.08	cps
Neodymium	150-1	19423	20612	19867	19968	3.01	cps
Neodymium	150-2	12492	12215	12292	12333	1.16	cps
Nickel	60-2	123896	123648	123399	123648	0.20	cps
Phosphorus	31-2	4161	3991	3927	4026	3.00	cps
Potassium	39-2	290687	288044	287240	288657	0.62	cps
Rhodium	103-1	13004074	12232567	11968620	12401753	4.34	cps
Rhodium	103-2	7436273	7455502	7399165	7430313	0.39	cps
Scandium	45-1	7923628	7325118	7280777	7509841	4.78	cps
Scandium	45-2	636566	632456	633088	634037	0.35	cps
Selenium	82-1	358	343	411	370	9.65	cps
Selenium	77-2	43	60	47	50	17.64	cps
Selenium	78-2	533	553	573	553	3.61	cps
Silicon	28-1	5311362	5404460	5401660	5372494	0.99	cps
Silver	107-1	4607	4906	5069	4861	4.82	cps
Silver	109-1	4291	4411	4457	4386	1.96	cps
Sodium	23-2	53071	52847	52191	52703	0.87	cps
Strontium	86-1	70745	71747	71499	71330	0.73	cps
Strontium	88-1	619678	626628	622233	622846	0.56	cps
Sulfur	34-1	158061	157236	157273	157523	0.30	cps
Terbium	159-1	17330720	16374276	16240077	16648358	3.57	cps
Terbium	159-2	11590028	11479657	11516460	11528715	0.49	cps
Thallium	203-1	973	983	1020	992	2.48	cps
Thallium	205-1	2257	2374	2410	2347	3.41	cps
Tin	118-1	5261	5388	5321	5323	1.19	cps
Titanium	47-1	1116966	1140042	1139090	1132033	1.15	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZD8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:39:47	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5775	5671	6011	5819	3.00	cps
Vanadium	51-2	544247	541399	543430	543025	0.27	cps
Yttrium	89-1	16941625	15840327	15456986	16079646	4.79	cps
Yttrium	89-2	4263381	4327072	4317911	4302788	0.80	cps
Zinc	66-2	109212	108473	108339	108675	0.43	cps
Zirconium	90-1	41188	41849	41355	41464	0.83	cps
Zirconium	91-1	9420	9490	9503	9471	0.47	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:42:55	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1413494	1383737	1414263	1403831	1.24	cps
Antimony	121-1	1160	1087	983	1077	8.24	cps
Arsenic	75-2	6428	6698	6461	6529	2.26	cps
Barium	135-1	27019	27259	26986	27088	0.55	cps
Barium	137-1	47041	48168	47349	47519	1.23	cps
Beryllium	9-1	77	130	120	109	26.03	cps
Bismuth	209-1	9637871	9755999	9674458	9689443	0.62	cps
Bismuth	209-2	8335331	8434896	8464782	8411669	0.81	cps
Bromine	81-1	15215	15472	15522	15403	1.07	cps
Bromine	81-2	127	173	120	140	20.76	cps
Cadmium	108-1	120	60	60	80	43.30	cps
Cadmium	106-1	3784	3684	3450	3639	4.70	cps
Cadmium	111-1	3220	3279	3102	3201	2.81	cps
Calcium	43-1	29175	29375	29044	29198	0.57	cps
Calcium	44-1	478854	475318	481036	478403	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104099	103119	103367	103529	0.49	cps
Cobalt	59-2	59169	59290	58684	59048	0.54	cps
Copper	63-2	294440	295257	291863	293853	0.60	cps
Dysprosium	156-1	2904	2974	3010	2963	1.83	cps
Dysprosium	156-2	2507	2510	2760	2592	5.61	cps
Erbium	164-1	3847	3400	3527	3592	6.41	cps
Erbium	164-2	2577	2530	2694	2600	3.24	cps
Gadolinium	160-1	3350	3357	3347	3352	0.15	cps
Gadolinium	160-2	3134	3164	3050	3116	1.88	cps
Holmium	165-1	16169904	15696055	15751166	15872375	1.63	cps
Holmium	165-2	11713623	11716386	11740196	11723402	0.12	cps
Indium	115-1	13265709	13100276	13137842	13167943	0.66	cps
Indium	115-2	4906773	4946538	4953232	4935514	0.51	cps
Iron	56-2	52193879	51898826	51550563	51881089	0.62	cps
Iron	57-2	1305886	1306342	1295305	1302511	0.48	cps
Iron	54-2	2804775	2841058	2788436	2811423	0.96	cps
Krypton	83-1	240	257	247	248	3.39	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:42:55	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	63109	63125	62429	62888	0.63	cps
Lead	207-1	55369	55546	55560	55492	0.19	cps
Lead	208-1	251920	249902	249973	250598	0.46	cps
Lithium	6-1	1626289	1634378	1594532	1618400	1.30	cps
Magnesium	24-2	1567422	1537594	1552841	1552619	0.96	cps
Manganese	55-2	774606	782602	778948	778719	0.51	cps
Molybdenum	94-1	3550	3600	3560	3570	0.74	cps
Molybdenum	95-1	487	407	373	422	13.80	cps
Molybdenum	96-1	1670	1610	1557	1612	3.52	cps
Molybdenum	97-1	270	260	300	277	7.53	cps
Molybdenum	98-1	627	777	703	702	10.68	cps
Neodymium	150-1	3987	4021	3917	3975	1.33	cps
Neodymium	150-2	2544	2784	2420	2582	7.16	cps
Nickel	60-2	26784	26837	26590	26737	0.49	cps
Phosphorus	31-2	947	910	970	942	3.21	cps
Potassium	39-2	104918	103012	104680	104203	1.00	cps
Rhodium	103-1	12416895	12533604	12422000	12457500	0.53	cps
Rhodium	103-2	7532893	7473100	7546613	7517535	0.52	cps
Scandium	45-1	7193484	7147841	7097488	7146271	0.67	cps
Scandium	45-2	627418	623824	623667	624970	0.34	cps
Selenium	82-1	238	268	251	252	6.01	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	543	523	560	542	3.39	cps
Silicon	28-1	1790221	1773703	1780902	1781608	0.46	cps
Silver	107-1	1172	1047	1049	1089	6.60	cps
Silver	109-1	1017	1110	963	1030	7.21	cps
Sodium	23-2	27475	27818	28390	27894	1.66	cps
Strontium	86-1	15355	15155	15051	15187	1.02	cps
Strontium	88-1	129658	129094	129760	129504	0.28	cps
Sulfur	34-1	160264	160630	160318	160404	0.12	cps
Terbium	159-1	16100151	16172442	16256901	16176498	0.48	cps
Terbium	159-2	11619151	11491336	11486773	11532420	0.65	cps
Thallium	203-1	590	663	510	588	13.05	cps
Thallium	205-1	1297	1380	1377	1351	3.49	cps
Tin	118-1	2980	2907	3150	3013	4.14	cps
Titanium	47-1	232127	233353	227907	231129	1.24	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZD8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-19 23:42:55	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1127	1223	1167	1172	4.14	cps
Vanadium	51-2	113412	113741	112475	113209	0.58	cps
Yttrium	89-1	15661999	15440341	15352783	15485041	1.03	cps
Yttrium	89-2	4241357	4201254	4283465	4242025	0.97	cps
Zinc	66-2	23432	23322	23318	23357	0.28	cps
Zirconium	90-1	9300	8946	9550	9265	3.27	cps
Zirconium	91-1	2067	2050	1960	2026	2.83	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:46:09	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33394210	33149042	33139104	33227452	0.43	cps
Antimony	121-1	1031910	1021190	1007630	1020243	1.19	cps
Arsenic	75-2	172443	171895	173841	172727	0.58	cps
Barium	135-1	5794165	5881463	5751566	5809065	1.14	cps
Barium	137-1	9969307	9963521	9742274	9891701	1.31	cps
Beryllium	9-1	52582	52211	51950	52247	0.61	cps
Bismuth	209-1	9768633	9701222	9566777	9678877	1.06	cps
Bismuth	209-2	8233414	8226859	8207941	8222738	0.16	cps
Bromine	81-1	17203	16856	16519	16860	2.03	cps
Bromine	81-2	663	693	590	649	8.19	cps
Cadmium	108-1	10364	9897	10020	10094	2.40	cps
Cadmium	106-1	17788	18275	17384	17815	2.50	cps
Cadmium	111-1	152384	149372	148428	150061	1.38	cps
Calcium	43-1	717015	705031	692758	704935	1.72	cps
Calcium	44-1	11152880	10905103	10718989	10925658	1.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3273402	3272191	3227510	3257701	0.80	cps
Cobalt	59-2	4496651	4427618	4401766	4442012	1.10	cps
Copper	63-2	7763490	7768856	7631224	7721190	1.01	cps
Dysprosium	156-1	77120	77770	76031	76974	1.14	cps
Dysprosium	156-2	63302	62853	62910	63022	0.39	cps
Erbium	164-1	90259	88705	88957	89307	0.93	cps
Erbium	164-2	65067	64729	64903	64900	0.26	cps
Gadolinium	160-1	82413	82102	81438	81984	0.61	cps
Gadolinium	160-2	63125	62669	62662	62819	0.42	cps
Holmium	165-1	16279897	16188833	15958114	16142281	1.03	cps
Holmium	165-2	11916395	11786977	11726280	11809884	0.82	cps
Indium	115-1	13343791	13039719	12635041	13006184	2.73	cps
Indium	115-2	4804955	4761350	4739621	4768642	0.70	cps
Iron	56-2	1217862675	1215637209	1200983929	1211494604	0.76	cps
Iron	57-2	30380994	30434386	29817668	30211016	1.13	cps
Iron	54-2	67641652	66375866	65762727	66593415	1.44	cps
Krypton	83-1	340	403	377	373	8.52	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:46:09	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1681980	1672457	1658734	1671057	0.70	cps
Lead	207-1	1473868	1470046	1444422	1462779	1.09	cps
Lead	208-1	6935170	6839793	6782941	6852635	1.12	cps
Lithium	6-1	1654124	1656116	1647160	1652467	0.28	cps
Magnesium	24-2	36429505	36373197	36008169	36270290	0.63	cps
Manganese	55-2	20546383	20253078	20165432	20321631	0.98	cps
Molybdenum	94-1	80882	78659	78344	79295	1.74	cps
Molybdenum	95-1	6928	7008	7152	7030	1.61	cps
Molybdenum	96-1	33979	33662	33084	33575	1.35	cps
Molybdenum	97-1	4374	4517	4214	4368	3.47	cps
Molybdenum	98-1	11014	10521	10734	10756	2.30	cps
Neodymium	150-1	102428	101878	100085	101464	1.21	cps
Neodymium	150-2	62678	62946	62042	62556	0.74	cps
Nickel	60-2	1338836	1331656	1329373	1333288	0.37	cps
Phosphorus	31-2	18208	18785	18374	18456	1.61	cps
Potassium	39-2	1165292	1159556	1154680	1159843	0.46	cps
Rhodium	103-1	12069924	11856806	11694356	11873696	1.59	cps
Rhodium	103-2	7039142	7022930	7089706	7050593	0.49	cps
Scandium	45-1	8417873	8153878	7817780	8129844	3.70	cps
Scandium	45-2	693477	693671	684893	690680	0.73	cps
Selenium	82-1	16418	16376	16448	16414	0.22	cps
Selenium	77-2	1900	1853	2017	1923	4.37	cps
Selenium	78-2	6271	6355	6388	6338	0.95	cps
Silicon	28-1	29846348	29116140	29253035	29405174	1.32	cps
Silver	107-1	618219	613569	576121	602636	3.83	cps
Silver	109-1	592857	588676	581601	587711	0.97	cps
Sodium	23-2	165199	165987	166030	165739	0.28	cps
Strontium	86-1	368602	360836	359509	362982	1.35	cps
Strontium	88-1	3301052	3236099	3204629	3247260	1.51	cps
Sulfur	34-1	169030	167729	168821	168526	0.41	cps
Terbium	159-1	16546668	16422683	16338337	16435896	0.64	cps
Terbium	159-2	11529697	11590948	11588019	11569555	0.30	cps
Thallium	203-1	468146	464849	463267	465421	0.53	cps
Thallium	205-1	1116449	1112181	1098551	1109061	0.84	cps
Tin	118-1	15942	15809	15508	15753	1.41	cps
Titanium	47-1	6260697	6067318	5887356	6071791	3.08	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-22RE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:46:09	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29102	29199	28698	28999	0.92	cps
Vanadium	51-2	4512450	4437080	4460450	4469993	0.86	cps
Yttrium	89-1	17171532	16837325	16492065	16833641	2.02	cps
Yttrium	89-2	4517382	4469536	4483262	4490060	0.55	cps
Zinc	66-2	877141	885289	878995	880475	0.49	cps
Zirconium	90-1	207653	205321	202209	205061	1.33	cps
Zirconium	91-1	46149	45430	44307	45295	2.05	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:49:07	DataFile Name :	153CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14499969	14325741	14514908	14446873	0.73	cps
Antimony	121-1	6558999	6608455	6542768	6570074	0.52	cps
Arsenic	75-2	337152	336348	339163	337554	0.43	cps
Barium	135-1	8305197	8584299	8414863	8434787	1.67	cps
Barium	137-1	14238195	14724689	14302369	14421751	1.83	cps
Beryllium	9-1	664136	679326	679242	674235	1.30	cps
Bismuth	209-1	8705763	8709551	8700436	8705250	0.05	cps
Bismuth	209-2	7515546	7446388	7435836	7465923	0.58	cps
Bromine	81-1	14184	13353	13296	13611	3.65	cps
Bromine	81-2	147	153	113	138	15.56	cps
Cadmium	108-1	118358	121288	120875	120174	1.32	cps
Cadmium	106-1	171735	172763	172798	172432	0.35	cps
Cadmium	111-1	1683379	1634221	1676323	1664641	1.60	cps
Calcium	43-1	8420820	8561748	8369327	8450632	1.18	cps
Calcium	44-1	138203248	136786388	134887345	136625660	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2499650	2476189	2503404	2493081	0.59	cps
Cobalt	59-2	3861466	3913500	3887236	3887401	0.67	cps
Copper	63-2	27349740	27627163	27627946	27534950	0.58	cps
Dysprosium	156-1	340	303	360	334	8.59	cps
Dysprosium	156-2	687	563	583	611	10.83	cps
Erbium	164-1	303	300	363	322	11.06	cps
Erbium	164-2	240	250	203	231	10.63	cps
Gadolinium	160-1	287	270	310	289	6.95	cps
Gadolinium	160-2	790	717	757	754	4.87	cps
Holmium	165-1	15436950	14885153	14987330	15103144	1.94	cps
Holmium	165-2	11218423	11240936	11093617	11184325	0.71	cps
Indium	115-1	11878051	11519256	11493626	11630311	1.85	cps
Indium	115-2	4275180	4232617	4289899	4265898	0.70	cps
Iron	56-2	586228818	585383605	585591725	585734716	0.08	cps
Iron	57-2	14657096	14647435	14664164	14656232	0.06	cps
Iron	54-2	32102870	31669585	32001014	31924490	0.71	cps
Krypton	83-1	220	287	210	239	17.45	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:49:07	DataFile Name :	153CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25447877	25613424	25691255	25584185	0.49	cps
Lead	207-1	22074506	22497352	22328000	22299953	0.95	cps
Lead	208-1	100915379	102592713	101925598	101811230	0.83	cps
Lithium	6-1	1548966	1536827	1519117	1534970	0.98	cps
Magnesium	24-2	110962245	110492578	111360052	110938292	0.39	cps
Manganese	55-2	20042591	19905743	19981828	19976721	0.34	cps
Molybdenum	94-1	22591452	23027385	22883130	22833989	0.97	cps
Molybdenum	95-1	33110340	33297300	33509061	33305567	0.60	cps
Molybdenum	96-1	36733651	36752524	36477523	36654566	0.42	cps
Molybdenum	97-1	20670208	20819327	20624598	20704711	0.49	cps
Molybdenum	98-1	53138788	53830028	53274456	53414424	0.69	cps
Neodymium	150-1	537	453	460	483	9.58	cps
Neodymium	150-2	167	163	197	176	10.46	cps
Nickel	60-2	934872	937421	932755	935016	0.25	cps
Phosphorus	31-2	130558	129482	129734	129924	0.43	cps
Potassium	39-2	71147522	70115234	70950957	70737905	0.77	cps
Rhodium	103-1	10558809	10309477	10120675	10329654	2.13	cps
Rhodium	103-2	6196297	6168331	6250196	6204941	0.67	cps
Scandium	45-1	6631845	6380840	6362020	6458235	2.33	cps
Scandium	45-2	538824	536321	535693	536946	0.31	cps
Selenium	82-1	103837	105044	104344	104408	0.58	cps
Selenium	77-2	10811	10551	10824	10728	1.44	cps
Selenium	78-2	35319	35509	35610	35479	0.42	cps
Silicon	28-1	3633570	3698137	3678112	3669940	0.90	cps
Silver	107-1	8350785	8289391	8211595	8283924	0.84	cps
Silver	109-1	7736171	7764187	7609528	7703296	1.07	cps
Sodium	23-2	179003364	178268017	178449684	178573688	0.21	cps
Strontium	86-1	2135351	2112677	2080373	2109467	1.31	cps
Strontium	88-1	18368708	18391355	18325278	18361780	0.18	cps
Sulfur	34-1	654671	652547	644944	650721	0.79	cps
Terbium	159-1	15618971	15418959	15140702	15392877	1.56	cps
Terbium	159-2	10771614	10953450	10832827	10852630	0.85	cps
Thallium	203-1	6475661	6331941	6422708	6410104	1.13	cps
Thallium	205-1	15237114	15503913	15066687	15269238	1.44	cps
Tin	118-1	5484208	5442320	5455814	5460781	0.39	cps
Titanium	47-1	7923723	7934406	7888317	7915482	0.30	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:49:07	DataFile Name :	153CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19729033	19880881	19854833	19821583	0.41	cps
Vanadium	51-2	2251338	2221756	2200892	2224662	1.14	cps
Yttrium	89-1	14418711	13802871	13855411	14025664	2.43	cps
Yttrium	89-2	3671553	3680535	3721681	3691256	0.72	cps
Zinc	66-2	4592384	4575094	4623609	4597029	0.53	cps
Zirconium	90-1	11318468	11236232	11319335	11291345	0.42	cps
Zirconium	91-1	2498124	2476429	2497835	2490796	0.50	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:51:50	DataFile Name :	154CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1330	1270	1050	1217	12.12	cps
Antimony	121-1	2934	2757	2504	2731	7.91	cps
Arsenic	75-2	40	20	27	29	35.25	cps
Barium	135-1	1587	1497	1010	1365	22.74	cps
Barium	137-1	2424	2394	1950	2256	11.75	cps
Beryllium	9-1	267	230	247	248	7.41	cps
Bismuth	209-1	9544612	9468190	9541282	9518028	0.45	cps
Bismuth	209-2	8385529	8283113	8333146	8333929	0.61	cps
Bromine	81-1	13183	14107	14097	13795	3.85	cps
Bromine	81-2	153	157	183	164	10.00	cps
Cadmium	108-1	33	30	30	31	6.18	cps
Cadmium	106-1	3781	3444	3507	3577	5.00	cps
Cadmium	111-1	2979	2685	2685	2783	6.10	cps
Calcium	43-1	1660	1563	1473	1566	5.96	cps
Calcium	44-1	32755	30598	26570	29974	10.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1307	1203	1193	1235	5.08	cps
Cobalt	59-2	480	497	360	446	16.73	cps
Copper	63-2	5975	5301	5108	5461	8.33	cps
Dysprosium	156-1	3	7	13	8	65.47	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	63	43	80	62	29.51	cps
Erbium	164-2	40	43	40	41	4.68	cps
Gadolinium	160-1	37	53	47	46	18.41	cps
Gadolinium	160-2	713	620	597	643	9.60	cps
Holmium	165-1	15321505	15099669	15108400	15176524	0.83	cps
Holmium	165-2	11499583	11395937	11347060	11414193	0.68	cps
Indium	115-1	12573293	12528361	12336625	12479426	1.01	cps
Indium	115-2	4775432	4695964	4645533	4705643	1.39	cps
Iron	56-2	76587	66216	57433	66745	14.37	cps
Iron	57-2	2504	2144	1840	2162	15.36	cps
Iron	54-2	5368	4894	4544	4935	8.38	cps
Krypton	83-1	207	173	210	197	10.31	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:51:50	DataFile Name :	154CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5708	4971	4381	5020	13.25	cps
Lead	207-1	4668	4361	3611	4213	12.91	cps
Lead	208-1	21647	19329	16634	19203	13.06	cps
Lithium	6-1	1642220	1623407	1623600	1629742	0.66	cps
Magnesium	24-2	10274	8973	7302	8849	16.83	cps
Manganese	55-2	2150	1780	1413	1781	20.68	cps
Molybdenum	94-1	4481	4137	3350	3989	14.52	cps
Molybdenum	95-1	6215	5471	4521	5402	15.72	cps
Molybdenum	96-1	6692	5851	5111	5885	13.44	cps
Molybdenum	97-1	3997	3374	2867	3413	16.59	cps
Molybdenum	98-1	9800	8299	7282	8460	14.97	cps
Neodymium	150-1	10	3	3	6	69.34	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	610	663	627	633	4.31	cps
Phosphorus	31-2	193	143	137	158	19.63	cps
Potassium	39-2	61146	58569	58950	59555	2.34	cps
Rhodium	103-1	11292787	11587191	11575752	11485243	1.45	cps
Rhodium	103-2	7116094	7179081	7122182	7139119	0.49	cps
Scandium	45-1	6605429	6483030	6613585	6567348	1.11	cps
Scandium	45-2	565166	562240	561432	562946	0.35	cps
Selenium	82-1	243	226	198	222	10.32	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	437	450	437	441	1.74	cps
Silicon	28-1	587842	581063	583260	584055	0.59	cps
Silver	107-1	2295	2186	1805	2096	12.28	cps
Silver	109-1	2277	2054	1640	1990	16.23	cps
Sodium	23-2	41416	37816	35538	38257	7.75	cps
Strontium	86-1	740	723	620	694	9.36	cps
Strontium	88-1	3324	3160	2657	3047	11.41	cps
Sulfur	34-1	186871	191214	190802	189629	1.26	cps
Terbium	159-1	15650649	15557345	15707674	15638556	0.49	cps
Terbium	159-2	11150796	11169912	11082787	11134498	0.41	cps
Thallium	203-1	2080	1847	1477	1801	16.89	cps
Thallium	205-1	4551	4224	3621	4132	11.42	cps
Tin	118-1	3360	3007	2950	3106	7.15	cps
Titanium	47-1	1647	1410	1113	1390	19.23	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:51:50	DataFile Name :	154CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3150	2844	2297	2764	15.64	cps
Vanadium	51-2	227	173	157	186	19.71	cps
Yttrium	89-1	14339858	14233211	14386694	14319921	0.55	cps
Yttrium	89-2	3983606	3925326	3919946	3942959	0.90	cps
Zinc	66-2	940	957	753	883	12.78	cps
Zirconium	90-1	2677	2537	2150	2455	11.11	cps
Zirconium	91-1	563	537	537	546	2.82	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:55:06	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34302762	34670350	34508751	34493954	0.53	cps
Antimony	121-1	5322624	5293478	5194201	5270101	1.28	cps
Arsenic	75-2	259742	258066	257912	258573	0.39	cps
Barium	135-1	26908588	27118117	26683269	26903325	0.81	cps
Barium	137-1	46634099	46969226	46575671	46726332	0.45	cps
Beryllium	9-1	271768	271418	269241	270809	0.51	cps
Bismuth	209-1	9860476	9736832	9562968	9720092	1.54	cps
Bismuth	209-2	8197285	8269253	8245111	8237216	0.44	cps
Bromine	81-1	15648	16279	15365	15764	2.97	cps
Bromine	81-2	623	743	673	680	8.86	cps
Cadmium	108-1	44618	44722	44274	44538	0.53	cps
Cadmium	106-1	65965	64673	63789	64809	1.69	cps
Cadmium	111-1	674294	677297	674193	675261	0.26	cps
Calcium	43-1	677689	674507	670986	674394	0.50	cps
Calcium	44-1	10473022	10503820	10480154	10485666	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6551133	6380097	6488924	6473385	1.34	cps
Cobalt	59-2	17402779	17331294	17295963	17343346	0.31	cps
Copper	63-2	12065161	12197322	12143447	12135310	0.55	cps
Dysprosium	156-1	75260	73471	73943	74225	1.25	cps
Dysprosium	156-2	61172	61229	62525	61642	1.24	cps
Erbium	164-1	87344	85976	86053	86457	0.89	cps
Erbium	164-2	63279	63895	63045	63406	0.69	cps
Gadolinium	160-1	79366	79990	78183	79180	1.16	cps
Gadolinium	160-2	61126	60885	60660	60890	0.38	cps
Holmium	165-1	16153242	16113115	15811348	16025902	1.17	cps
Holmium	165-2	11860369	11933247	11752111	11848576	0.77	cps
Indium	115-1	13057406	12929279	12601200	12862628	1.83	cps
Indium	115-2	4746244	4749953	4773142	4756447	0.31	cps
Iron	56-2	1207815422	1200799475	1203717689	1204110862	0.29	cps
Iron	57-2	29658822	29677962	29652828	29663204	0.04	cps
Iron	54-2	65739142	65348814	65267952	65451970	0.38	cps
Krypton	83-1	363	320	350	344	6.44	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:55:06	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2414466	2410738	2425235	2416813	0.31	cps
Lead	207-1	2134452	2080905	2100106	2105154	1.29	cps
Lead	208-1	9604996	9520127	9550942	9558688	0.45	cps
Lithium	6-1	1697430	1671073	1652035	1673512	1.36	cps
Magnesium	24-2	35843005	35799102	35977107	35873071	0.26	cps
Manganese	55-2	26490418	26069413	26282205	26280678	0.80	cps
Molybdenum	94-1	75590	75446	75369	75468	0.15	cps
Molybdenum	95-1	7168	7519	7499	7395	2.66	cps
Molybdenum	96-1	31731	32139	31875	31915	0.65	cps
Molybdenum	97-1	4257	4294	4267	4273	0.44	cps
Molybdenum	98-1	11551	11501	11291	11448	1.21	cps
Neodymium	150-1	98598	98880	98803	98760	0.15	cps
Neodymium	150-2	60737	61363	61467	61189	0.65	cps
Nickel	60-2	4705343	4660018	4674920	4680094	0.49	cps
Phosphorus	31-2	18161	17901	18224	18095	0.95	cps
Potassium	39-2	1127137	1128984	1136172	1130765	0.42	cps
Rhodium	103-1	11891632	11627966	11508169	11675922	1.68	cps
Rhodium	103-2	7108023	7168308	7122147	7132826	0.44	cps
Scandium	45-1	7988779	7895291	7887752	7923941	0.71	cps
Scandium	45-2	681658	675524	677360	678181	0.46	cps
Selenium	82-1	86664	86891	86949	86834	0.17	cps
Selenium	77-2	9230	9717	9567	9504	2.62	cps
Selenium	78-2	31437	31777	31306	31507	0.77	cps
Silicon	28-1	29819069	29421390	29582095	29607518	0.68	cps
Silver	107-1	2485672	2992394	2729930	2735999	9.26	cps
Silver	109-1	2361873	2933569	2581231	2625558	10.98	cps
Sodium	23-2	171331	167153	171059	169847	1.38	cps
Strontium	86-1	342038	345346	344319	343901	0.49	cps
Strontium	88-1	3124310	3150093	3111377	3128593	0.63	cps
Sulfur	34-1	193323	188112	183349	188261	2.65	cps
Terbium	159-1	16585067	16433893	16031295	16350085	1.75	cps
Terbium	159-2	11645777	11568904	11627188	11613956	0.35	cps
Thallium	203-1	2541343	2528974	2520945	2530421	0.41	cps
Thallium	205-1	6004697	5917566	5968005	5963423	0.73	cps
Tin	118-1	15435	15208	15141	15262	1.01	cps
Titanium	47-1	5931972	5793437	5796639	5840682	1.35	cps

Reviewed By:Mohan
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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5183-20MSRE2	Instrumnet Name :	P7
Client Sample ID :	MYCZD8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 23:55:06	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28968	28708	28621	28766	0.63	cps
Vanadium	51-2	11656091	11514421	11523871	11564794	0.68	cps
Yttrium	89-1	16665893	16491038	16486017	16547649	0.62	cps
Yttrium	89-2	4449028	4375489	4407735	4410751	0.84	cps
Zinc	66-2	2478632	2510064	2476739	2488478	0.75	cps
Zirconium	90-1	193538	194546	194638	194241	0.31	cps
Zirconium	91-1	43798	44019	43431	43749	0.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:57:59	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1456346	1444548	1445743	1448879	0.45	cps
Antimony	121-1	2134	1937	1827	1966	7.90	cps
Arsenic	75-2	4574	4341	4564	4493	2.94	cps
Barium	135-1	134215	133986	135400	134534	0.56	cps
Barium	137-1	235898	234597	232845	234447	0.65	cps
Beryllium	9-1	353	370	323	349	6.78	cps
Bismuth	209-1	9690275	9656893	9548670	9631946	0.77	cps
Bismuth	209-2	8496416	8408006	8401347	8435256	0.63	cps
Bromine	81-1	14360	14093	14023	14159	1.26	cps
Bromine	81-2	143	150	130	141	7.22	cps
Cadmium	108-1	73	73	70	72	2.66	cps
Cadmium	106-1	3894	3834	3604	3777	4.05	cps
Cadmium	111-1	3191	3263	3008	3154	4.17	cps
Calcium	43-1	77992	78532	79775	78766	1.16	cps
Calcium	44-1	1232633	1220627	1246542	1233267	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60989	61254	60450	60898	0.67	cps
Cobalt	59-2	54813	55572	54810	55065	0.80	cps
Copper	63-2	198157	199663	197737	198519	0.51	cps
Dysprosium	156-1	12843	12776	12919	12846	0.56	cps
Dysprosium	156-2	10754	11291	11128	11058	2.49	cps
Erbium	164-1	11385	11044	10948	11126	2.06	cps
Erbium	164-2	8553	8186	8533	8424	2.45	cps
Gadolinium	160-1	12285	12112	12332	12243	0.95	cps
Gadolinium	160-2	10317	9900	10124	10114	2.06	cps
Holmium	165-1	15653715	15623272	15494273	15590420	0.54	cps
Holmium	165-2	11812274	11602542	11534201	11649672	1.24	cps
Indium	115-1	13069095	12798344	12776004	12881148	1.27	cps
Indium	115-2	4851355	4820801	4785701	4819286	0.68	cps
Iron	56-2	55615114	55715088	55264428	55531543	0.43	cps
Iron	57-2	1392875	1397745	1383479	1391366	0.52	cps
Iron	54-2	3047575	3032133	3023934	3034547	0.40	cps
Krypton	83-1	233	343	190	256	30.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:57:59	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	71614	71651	71808	71691	0.14	cps
Lead	207-1	61170	61823	60765	61253	0.87	cps
Lead	208-1	280404	279887	280347	280213	0.10	cps
Lithium	6-1	1621200	1593900	1626803	1613968	1.09	cps
Magnesium	24-2	1463204	1478035	1462392	1467877	0.60	cps
Manganese	55-2	982192	982030	974967	979730	0.42	cps
Molybdenum	94-1	8109	8292	8176	8192	1.13	cps
Molybdenum	95-1	643	673	563	627	9.07	cps
Molybdenum	96-1	2677	2747	2460	2628	5.69	cps
Molybdenum	97-1	330	377	383	363	8.00	cps
Molybdenum	98-1	900	920	847	889	4.26	cps
Neodymium	150-1	21416	21647	21603	21555	0.57	cps
Neodymium	150-2	13660	13857	13597	13705	0.99	cps
Nickel	60-2	22220	21899	21492	21870	1.67	cps
Phosphorus	31-2	5334	5478	5178	5330	2.82	cps
Potassium	39-2	609579	605015	604932	606509	0.44	cps
Rhodium	103-1	12024220	11999885	11864525	11962877	0.72	cps
Rhodium	103-2	7263542	7234505	7253155	7250401	0.20	cps
Scandium	45-1	6991136	6999769	6930483	6973796	0.54	cps
Scandium	45-2	601393	602877	598240	600836	0.39	cps
Selenium	82-1	252	103	285	213	45.33	cps
Selenium	77-2	50	43	53	49	10.42	cps
Selenium	78-2	423	530	560	504	14.24	cps
Silicon	28-1	2767630	2767990	2767243	2767621	0.01	cps
Silver	107-1	1811	1319	1200	1443	22.46	cps
Silver	109-1	1720	1160	1053	1311	27.31	cps
Sodium	23-2	54131	55808	54620	54853	1.57	cps
Strontium	86-1	41188	40338	40716	40747	1.04	cps
Strontium	88-1	354677	351997	354462	353712	0.42	cps
Sulfur	34-1	172953	171888	172383	172408	0.31	cps
Terbium	159-1	16122909	15810309	15866584	15933267	1.05	cps
Terbium	159-2	11374674	11561036	11391762	11442491	0.90	cps
Thallium	203-1	1600	1710	1673	1661	3.37	cps
Thallium	205-1	4377	3941	3841	4053	7.04	cps
Tin	118-1	2644	2577	2480	2567	3.20	cps
Titanium	47-1	194871	194156	194273	194433	0.20	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 23:57:59	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5144	5261	5381	5262	2.25	cps
Vanadium	51-2	118584	118564	118668	118605	0.05	cps
Yttrium	89-1	15474706	15227176	15045638	15249173	1.41	cps
Yttrium	89-2	4105007	4146071	4096448	4115842	0.64	cps
Zinc	66-2	50786	49773	50468	50342	1.03	cps
Zirconium	90-1	21436	22184	21416	21679	2.02	cps
Zirconium	91-1	4681	4677	4781	4713	1.25	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:01:09	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1565116	1556117	1570240	1563825	0.46	cps
Antimony	121-1	680	747	600	676	10.87	cps
Arsenic	75-2	5191	5404	5144	5247	2.64	cps
Barium	135-1	149253	148983	147087	148441	0.80	cps
Barium	137-1	257415	259286	256736	257813	0.51	cps
Beryllium	9-1	277	297	297	290	3.98	cps
Bismuth	209-1	9944015	9452706	9407836	9601519	3.10	cps
Bismuth	209-2	8300471	8357204	8338619	8332098	0.35	cps
Bromine	81-1	14374	14561	14534	14489	0.70	cps
Bromine	81-2	170	180	170	173	3.33	cps
Cadmium	108-1	57	87	57	67	25.98	cps
Cadmium	106-1	3801	3464	3767	3677	5.05	cps
Cadmium	111-1	3039	2892	3079	3003	3.28	cps
Calcium	43-1	90752	91946	92946	91881	1.20	cps
Calcium	44-1	1430536	1426267	1423062	1426622	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63630	64042	64628	64100	0.78	cps
Cobalt	59-2	59782	59183	59648	59537	0.53	cps
Copper	63-2	202608	200691	200201	201167	0.63	cps
Dysprosium	156-1	13907	14154	13987	14016	0.90	cps
Dysprosium	156-2	12536	12562	12339	12479	0.98	cps
Erbium	164-1	12726	12756	12512	12665	1.05	cps
Erbium	164-2	9377	9156	9533	9355	2.02	cps
Gadolinium	160-1	14054	13690	13804	13849	1.34	cps
Gadolinium	160-2	11034	11218	11191	11148	0.89	cps
Holmium	165-1	16354891	15666050	15571020	15863987	2.70	cps
Holmium	165-2	11557668	11594593	11670807	11607689	0.50	cps
Indium	115-1	13434548	12733685	12819645	12995959	2.94	cps
Indium	115-2	4812845	4810487	4821453	4814928	0.12	cps
Iron	56-2	60538492	60281127	59785394	60201671	0.64	cps
Iron	57-2	1505320	1514747	1494355	1504807	0.68	cps
Iron	54-2	3317970	3337550	3293006	3316175	0.67	cps
Krypton	83-1	243	223	223	230	5.02	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:01:09	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87144	87271	86831	87082	0.26	cps
Lead	207-1	75063	75629	75794	75495	0.51	cps
Lead	208-1	340949	346105	342021	343025	0.79	cps
Lithium	6-1	1689855	1634549	1641353	1655252	1.82	cps
Magnesium	24-2	1589673	1574115	1568391	1577393	0.70	cps
Manganese	55-2	1093046	1087199	1089980	1090075	0.27	cps
Molybdenum	94-1	7535	7979	7642	7719	3.00	cps
Molybdenum	95-1	653	673	630	652	3.33	cps
Molybdenum	96-1	2527	2687	2580	2598	3.14	cps
Molybdenum	97-1	450	443	380	424	9.10	cps
Molybdenum	98-1	917	977	863	919	6.17	cps
Neodymium	150-1	24598	24351	24087	24346	1.05	cps
Neodymium	150-2	15208	15485	14798	15164	2.28	cps
Nickel	60-2	23602	24170	23806	23859	1.21	cps
Phosphorus	31-2	5948	6241	6131	6107	2.43	cps
Potassium	39-2	650349	652446	653773	652189	0.26	cps
Rhodium	103-1	12490110	11954233	11869561	12104635	2.78	cps
Rhodium	103-2	7279385	7322844	7391094	7331108	0.77	cps
Scandium	45-1	7281941	7030319	6930722	7080994	2.56	cps
Scandium	45-2	602315	600255	607202	603257	0.59	cps
Selenium	82-1	290	230	210	243	17.14	cps
Selenium	77-2	33	40	70	48	40.88	cps
Selenium	78-2	470	517	553	513	8.14	cps
Silicon	28-1	2789748	2782495	2848048	2806764	1.28	cps
Silver	107-1	909	795	733	812	10.99	cps
Silver	109-1	800	753	673	742	8.63	cps
Sodium	23-2	59963	59953	59806	59907	0.15	cps
Strontium	86-1	45731	47135	46219	46362	1.54	cps
Strontium	88-1	401312	404337	405778	403809	0.56	cps
Sulfur	34-1	169447	168693	168908	169016	0.23	cps
Terbium	159-1	16673882	15933674	15820336	16142631	2.87	cps
Terbium	159-2	11436920	11382129	11438367	11419139	0.28	cps
Thallium	203-1	1123	1120	1090	1111	1.65	cps
Thallium	205-1	2680	2590	2720	2664	2.50	cps
Tin	118-1	3221	2544	2667	2810	12.83	cps
Titanium	47-1	203091	206141	205343	204858	0.77	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:01:09	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5718	5681	5775	5725	0.82	cps
Vanadium	51-2	120187	118974	121071	120077	0.88	cps
Yttrium	89-1	15964451	15322690	15249152	15512098	2.54	cps
Yttrium	89-2	4221680	4121570	4175219	4172823	1.20	cps
Zinc	66-2	65945	65794	65134	65624	0.66	cps
Zirconium	90-1	20221	20651	20908	20593	1.69	cps
Zirconium	91-1	4454	4684	4694	4611	2.95	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 00:04:22	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292743	288705	289985	290478	0.71	cps
Antimony	121-1	253	280	270	268	5.03	cps
Arsenic	75-2	970	943	917	943	2.83	cps
Barium	135-1	26097	26655	26338	26363	1.06	cps
Barium	137-1	45392	45971	45579	45647	0.65	cps
Beryllium	9-1	117	103	97	106	9.65	cps
Bismuth	209-1	9853025	9415994	9678454	9649158	2.28	cps
Bismuth	209-2	8344446	8313624	8272312	8310127	0.44	cps
Bromine	81-1	14664	14641	14037	14447	2.46	cps
Bromine	81-2	180	113	107	133	30.41	cps
Cadmium	108-1	23	13	13	17	34.65	cps
Cadmium	106-1	3620	3304	3327	3417	5.17	cps
Cadmium	111-1	2593	2415	2428	2479	4.00	cps
Calcium	43-1	15862	16422	16516	16267	2.17	cps
Calcium	44-1	261584	264587	267919	264697	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13359	13099	13269	13243	1.00	cps
Cobalt	59-2	11221	10964	11108	11098	1.16	cps
Copper	63-2	44111	44018	42868	43666	1.59	cps
Dysprosium	156-1	2504	2647	2570	2574	2.79	cps
Dysprosium	156-2	2054	2260	2280	2198	5.71	cps
Erbium	164-1	2310	2314	2474	2366	3.95	cps
Erbium	164-2	1763	1863	1707	1778	4.46	cps
Gadolinium	160-1	2510	2527	2304	2447	5.09	cps
Gadolinium	160-2	2540	2600	2457	2532	2.84	cps
Holmium	165-1	16134332	15563033	15334468	15677278	2.63	cps
Holmium	165-2	11581630	11602218	11415019	11532956	0.89	cps
Indium	115-1	13540572	12935663	12843070	13106435	2.89	cps
Indium	115-2	4849927	4845247	4835029	4843401	0.16	cps
Iron	56-2	11293552	11122624	11148094	11188090	0.82	cps
Iron	57-2	282098	283892	281041	282344	0.51	cps
Iron	54-2	623932	614933	619348	619404	0.73	cps
Krypton	83-1	187	253	240	227	15.56	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 00:04:22	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14705	14721	15362	14929	2.51	cps
Lead	207-1	12252	12603	12226	12360	1.70	cps
Lead	208-1	57705	57407	57915	57676	0.44	cps
Lithium	6-1	1673130	1587601	1574562	1611764	3.32	cps
Magnesium	24-2	288655	285395	286815	286955	0.57	cps
Manganese	55-2	201402	200098	200003	200501	0.39	cps
Molybdenum	94-1	2004	1960	1873	1946	3.40	cps
Molybdenum	95-1	187	197	140	174	17.34	cps
Molybdenum	96-1	633	643	690	656	4.61	cps
Molybdenum	97-1	133	123	130	129	3.95	cps
Molybdenum	98-1	320	297	393	337	14.98	cps
Neodymium	150-1	4304	4357	4251	4304	1.24	cps
Neodymium	150-2	2850	2660	2794	2768	3.52	cps
Nickel	60-2	4921	4921	5044	4962	1.44	cps
Phosphorus	31-2	1303	997	1260	1187	13.99	cps
Potassium	39-2	168862	168184	166816	167954	0.62	cps
Rhodium	103-1	12548798	12099330	11965234	12204454	2.50	cps
Rhodium	103-2	7441115	7332126	7305878	7359706	0.97	cps
Scandium	45-1	7237082	6947174	7063182	7082479	2.06	cps
Scandium	45-2	606696	597557	601436	601896	0.76	cps
Selenium	82-1	251	202	180	211	17.10	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	477	487	537	500	6.43	cps
Silicon	28-1	1228638	1267791	1214933	1237120	2.22	cps
Silver	107-1	338	305	265	303	12.16	cps
Silver	109-1	263	217	187	222	17.39	cps
Sodium	23-2	30146	29365	29505	29672	1.40	cps
Strontium	86-1	8523	8482	8779	8595	1.87	cps
Strontium	88-1	70866	71446	70937	71083	0.44	cps
Sulfur	34-1	158037	158933	158772	158581	0.30	cps
Terbium	159-1	16623109	15736741	15815022	16058290	3.06	cps
Terbium	159-2	11394146	11194077	11244682	11277635	0.92	cps
Thallium	203-1	573	483	433	497	14.28	cps
Thallium	205-1	1363	1190	1253	1269	6.91	cps
Tin	118-1	2274	2334	2534	2380	5.72	cps
Titanium	47-1	37854	39297	38856	38669	1.91	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZN8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 00:04:22	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1030	1050	1010	1030	1.94	cps
Vanadium	51-2	23986	23575	23832	23798	0.87	cps
Yttrium	89-1	15878686	14956433	15129462	15321527	3.20	cps
Yttrium	89-2	4112717	4111593	4091085	4105132	0.30	cps
Zinc	66-2	10981	11264	10971	11072	1.51	cps
Zirconium	90-1	4674	4904	4701	4760	2.64	cps
Zirconium	91-1	1027	1103	1130	1087	4.94	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:07:36	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1778901	1816941	1775964	1790602	1.28	cps
Antimony	121-1	286453	281872	281334	283219	0.99	cps
Arsenic	75-2	11711	11291	11618	11540	1.91	cps
Barium	135-1	1687879	1663756	1679715	1677116	0.73	cps
Barium	137-1	2918649	2917654	2891122	2909142	0.54	cps
Beryllium	9-1	15454	15434	15631	15507	0.70	cps
Bismuth	209-1	9882994	9630961	9705072	9739676	1.33	cps
Bismuth	209-2	8562681	8551276	8409338	8507765	1.00	cps
Bromine	81-1	14390	14430	14751	14524	1.36	cps
Bromine	81-2	167	150	190	169	11.90	cps
Cadmium	108-1	2274	2364	2474	2370	4.23	cps
Cadmium	106-1	7008	6852	6945	6935	1.14	cps
Cadmium	111-1	40621	40371	39531	40174	1.42	cps
Calcium	43-1	90444	90266	91708	90806	0.87	cps
Calcium	44-1	1396696	1394113	1400108	1396972	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	311481	312131	311875	311829	0.10	cps
Cobalt	59-2	1016157	1023330	1009706	1016398	0.67	cps
Copper	63-2	555263	554893	549282	553146	0.61	cps
Dysprosium	156-1	14431	14441	14494	14455	0.24	cps
Dysprosium	156-2	12833	12689	12709	12744	0.61	cps
Erbium	164-1	12622	12786	12783	12730	0.73	cps
Erbium	164-2	9703	9834	9573	9703	1.34	cps
Gadolinium	160-1	13854	13840	13693	13796	0.64	cps
Gadolinium	160-2	11358	11782	11738	11626	2.00	cps
Holmium	165-1	15816990	15829381	15761841	15802738	0.23	cps
Holmium	165-2	11879451	11997299	11679538	11852096	1.36	cps
Indium	115-1	13213391	13166385	13057092	13145623	0.61	cps
Indium	115-2	4959142	5011014	4919366	4963174	0.93	cps
Iron	56-2	63539076	63953161	64323876	63938704	0.61	cps
Iron	57-2	1610719	1589612	1594035	1598122	0.70	cps
Iron	54-2	3510293	3498564	3483123	3497327	0.39	cps
Krypton	83-1	233	247	233	238	3.24	cps

Reviewed By:Mohan
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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:07:36	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	126747	126411	126757	126638	0.16	cps
Lead	207-1	106197	106426	106456	106360	0.13	cps
Lead	208-1	491294	489356	490410	490353	0.20	cps
Lithium	6-1	1623739	1573790	1631078	1609536	1.94	cps
Magnesium	24-2	1649853	1656800	1669998	1658884	0.62	cps
Manganese	55-2	1651288	1624226	1639507	1638340	0.83	cps
Molybdenum	94-1	8980	9367	8759	9035	3.40	cps
Molybdenum	95-1	670	1324	597	864	46.37	cps
Molybdenum	96-1	2917	3424	2760	3034	11.44	cps
Molybdenum	97-1	453	824	353	543	45.58	cps
Molybdenum	98-1	867	1681	957	1168	38.20	cps
Neodymium	150-1	25336	24248	24344	24643	2.44	cps
Neodymium	150-2	16009	15058	15459	15509	3.08	cps
Nickel	60-2	269344	268137	270108	269196	0.37	cps
Phosphorus	31-2	6118	6361	6168	6216	2.07	cps
Potassium	39-2	682481	684659	684167	683769	0.17	cps
Rhodium	103-1	12407350	12048169	12162808	12206109	1.50	cps
Rhodium	103-2	7516418	7510172	7398586	7475059	0.89	cps
Scandium	45-1	7187416	7113310	7057576	7119434	0.91	cps
Scandium	45-2	617687	620295	615073	617685	0.42	cps
Selenium	82-1	4443	4350	4396	4396	1.05	cps
Selenium	77-2	430	527	507	488	10.46	cps
Selenium	78-2	1920	2117	2010	2016	4.88	cps
Silicon	28-1	3060760	2990581	3049388	3033577	1.24	cps
Silver	107-1	189899	189316	192698	190638	0.95	cps
Silver	109-1	179521	180653	181403	180525	0.52	cps
Sodium	23-2	58413	58664	58658	58579	0.24	cps
Strontium	86-1	46430	46604	46948	46660	0.57	cps
Strontium	88-1	404114	406742	404972	405276	0.33	cps
Sulfur	34-1	162736	159930	160762	161143	0.89	cps
Terbium	159-1	16409596	16082707	16153853	16215385	1.06	cps
Terbium	159-2	11577391	11439174	11384457	11467007	0.87	cps
Thallium	203-1	132857	130968	130589	131471	0.92	cps
Thallium	205-1	316113	312739	314209	314354	0.54	cps
Tin	118-1	2644	2670	8049	4454	69.89	cps
Titanium	47-1	218481	218348	218413	218414	0.03	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:07:36	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5991	5808	5891	5897	1.56	cps
Vanadium	51-2	660443	659822	655618	658628	0.40	cps
Yttrium	89-1	15733663	15505468	15481357	15573496	0.89	cps
Yttrium	89-2	4281590	4226750	4256680	4255007	0.65	cps
Zinc	66-2	176931	177005	174236	176057	0.90	cps
Zirconium	90-1	22861	23943	23459	23421	2.31	cps
Zirconium	91-1	5234	5241	5194	5223	0.48	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:10:46	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1959072	1935445	1972635	1955717	0.96	cps
Antimony	121-1	1102376	1094800	1092820	1096665	0.46	cps
Arsenic	75-2	29466	28264	29309	29013	2.25	cps
Barium	135-1	5864696	5776625	5790959	5810760	0.81	cps
Barium	137-1	10085089	9977248	9997294	10019877	0.57	cps
Beryllium	9-1	56776	56893	56817	56829	0.10	cps
Bismuth	209-1	9898936	9869529	9770214	9846226	0.69	cps
Bismuth	209-2	8524803	8433022	8526156	8494660	0.63	cps
Bromine	81-1	15088	14808	14908	14934	0.95	cps
Bromine	81-2	137	153	143	144	5.81	cps
Cadmium	108-1	9777	9823	9870	9823	0.48	cps
Cadmium	106-1	17070	16406	16526	16667	2.12	cps
Cadmium	111-1	149891	149445	147140	148825	0.99	cps
Calcium	43-1	82047	82811	81772	82210	0.65	cps
Calcium	44-1	1300840	1278926	1256185	1278650	1.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	952831	954408	951131	952790	0.17	cps
Cobalt	59-2	3717213	3634735	3648805	3666918	1.20	cps
Copper	63-2	1416022	1402857	1402588	1407156	0.55	cps
Dysprosium	156-1	12973	13166	12943	13027	0.93	cps
Dysprosium	156-2	11592	11728	12222	11847	2.80	cps
Erbium	164-1	11602	11795	12155	11851	2.37	cps
Erbium	164-2	8743	8773	8586	8701	1.15	cps
Gadolinium	160-1	12439	12776	12659	12625	1.36	cps
Gadolinium	160-2	10120	10651	10334	10368	2.57	cps
Holmium	165-1	15890936	15909541	15674342	15824940	0.83	cps
Holmium	165-2	11782726	11612626	11670731	11688694	0.74	cps
Indium	115-1	13383011	12971730	13167780	13174174	1.56	cps
Indium	115-2	4907119	4834170	4842044	4861111	0.82	cps
Iron	56-2	61518012	60784572	60102764	60801783	1.16	cps
Iron	57-2	1488305	1523126	1479646	1497026	1.54	cps
Iron	54-2	3335328	3354071	3339284	3342894	0.30	cps
Krypton	83-1	260	287	237	261	9.58	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:10:46	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	243544	246614	246351	245503	0.69	cps
Lead	207-1	204908	206347	203905	205053	0.60	cps
Lead	208-1	951675	951538	945458	949557	0.37	cps
Lithium	6-1	1667120	1619775	1584301	1623732	2.56	cps
Magnesium	24-2	1492460	1469005	1482036	1481167	0.79	cps
Manganese	55-2	2823840	2814322	2801910	2813357	0.39	cps
Molybdenum	94-1	8002	8119	8126	8082	0.86	cps
Molybdenum	95-1	527	670	697	631	14.49	cps
Molybdenum	96-1	2707	2574	2570	2617	2.98	cps
Molybdenum	97-1	360	317	363	347	7.51	cps
Molybdenum	98-1	1150	1083	1020	1084	6.00	cps
Neodymium	150-1	22181	22575	22742	22499	1.28	cps
Neodymium	150-2	13750	13950	13960	13887	0.85	cps
Nickel	60-2	911778	908949	902308	907678	0.54	cps
Phosphorus	31-2	5591	5558	5238	5462	3.57	cps
Potassium	39-2	622397	624590	615168	620718	0.79	cps
Rhodium	103-1	12365610	12087715	12154246	12202524	1.19	cps
Rhodium	103-2	7544174	7494645	7328213	7455678	1.52	cps
Scandium	45-1	7221610	7091112	7016739	7109821	1.46	cps
Scandium	45-2	613353	614341	611997	613231	0.19	cps
Selenium	82-1	19902	19557	19883	19781	0.98	cps
Selenium	77-2	2300	2140	2254	2231	3.69	cps
Selenium	78-2	7842	7595	7429	7622	2.73	cps
Silicon	28-1	2798067	2772723	2784201	2784997	0.46	cps
Silver	107-1	698685	704492	703303	702160	0.44	cps
Silver	109-1	660642	668826	666776	665415	0.64	cps
Sodium	23-2	55232	55252	55075	55186	0.18	cps
Strontium	86-1	42718	42541	42896	42718	0.42	cps
Strontium	88-1	369817	366061	369409	368429	0.56	cps
Sulfur	34-1	156299	153263	151917	153826	1.46	cps
Terbium	159-1	16356100	16232078	16159768	16249315	0.61	cps
Terbium	159-2	11711102	11510752	11499842	11573899	1.03	cps
Thallium	203-1	512638	509692	508621	510317	0.41	cps
Thallium	205-1	1210842	1215865	1221111	1215939	0.42	cps
Tin	118-1	2957	4271	2964	3397	22.27	cps
Titanium	47-1	198588	197909	198048	198181	0.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5185-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZN8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 00:10:46	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5228	5655	5561	5481	4.09	cps
Vanadium	51-2	2072994	2059470	2093859	2075441	0.83	cps
Yttrium	89-1	15723361	15572844	15458061	15584755	0.85	cps
Yttrium	89-2	4261555	4250779	4121325	4211220	1.85	cps
Zinc	66-2	486385	485366	482875	484875	0.37	cps
Zirconium	90-1	21145	21526	21296	21322	0.90	cps
Zirconium	91-1	4797	4594	4711	4701	2.17	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5154-16A	Instrumnet Name :	P7
Client Sample ID :	ME28Q4A	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:13:49	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3164469	3166689	3097904	3143021	1.24	cps
Antimony	121-1	59519	59753	59787	59686	0.24	cps
Arsenic	75-2	22223	22657	22237	22373	1.10	cps
Barium	135-1	1048492	1034870	1026082	1036481	1.09	cps
Barium	137-1	1881002	1856847	1818071	1851974	1.71	cps
Beryllium	9-1	3207	3064	3024	3098	3.11	cps
Bismuth	209-1	10429497	10381858	10274094	10361816	0.77	cps
Bismuth	209-2	8703786	8701435	8648156	8684459	0.36	cps
Bromine	81-1	18972	19420	19373	19255	1.28	cps
Bromine	81-2	990	947	1023	987	3.90	cps
Cadmium	108-1	3257	3297	2964	3173	5.74	cps
Cadmium	106-1	8553	8152	8259	8321	2.49	cps
Cadmium	111-1	40683	40575	39766	40341	1.24	cps
Calcium	43-1	3735826	3671366	3645971	3684388	1.26	cps
Calcium	44-1	59962079	59232822	58465626	59220176	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8298267	8237041	8149237	8228182	0.91	cps
Cobalt	59-2	197694	195523	191711	194976	1.55	cps
Copper	63-2	3089136	2996248	2951643	3012342	2.33	cps
Dysprosium	156-1	26114	26492	25493	26033	1.94	cps
Dysprosium	156-2	21880	21106	22378	21788	2.94	cps
Erbium	164-1	27541	27056	27644	27414	1.14	cps
Erbium	164-2	19550	19514	19824	19629	0.86	cps
Gadolinium	160-1	25166	25567	25129	25287	0.96	cps
Gadolinium	160-2	19484	19333	18970	19262	1.37	cps
Holmium	165-1	16790042	16386306	16351898	16509416	1.48	cps
Holmium	165-2	11833624	11794735	11895350	11841236	0.43	cps
Indium	115-1	13529227	13464018	13313794	13435680	0.82	cps
Indium	115-2	4807842	4764572	4749640	4774018	0.63	cps
Iron	56-2	1605011016	1568386857	1555793630	1576397168	1.62	cps
Iron	57-2	39732935	39183524	38972249	39296236	1.00	cps
Iron	54-2	86925882	85858995	85517055	86100644	0.85	cps
Krypton	83-1	243	287	260	263	8.30	cps

Reviewed By:Mohan
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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5154-16A	Instrumnet Name :	P7
Client Sample ID :	ME28Q4A	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:13:49	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24384210	24236232	24088317	24236253	0.61	cps
Lead	207-1	20084487	20180067	20008868	20091141	0.43	cps
Lead	208-1	93776697	94069330	93411244	93752424	0.35	cps
Lithium	6-1	1638213	1649924	1573683	1620607	2.53	cps
Magnesium	24-2	9111026	9087759	8963498	9054094	0.88	cps
Manganese	55-2	50475944	49471643	49480974	49809520	1.16	cps
Molybdenum	94-1	174985	174027	172163	173725	0.83	cps
Molybdenum	95-1	257063	254839	252218	254707	0.95	cps
Molybdenum	96-1	297389	297610	293439	296146	0.79	cps
Molybdenum	97-1	160705	160231	157006	159314	1.26	cps
Molybdenum	98-1	411879	408201	402764	407615	1.13	cps
Neodymium	150-1	40535	41026	39866	40476	1.44	cps
Neodymium	150-2	24605	24508	24294	24469	0.65	cps
Nickel	60-2	1979391	1932972	1937014	1949792	1.32	cps
Phosphorus	31-2	17046	17487	16953	17162	1.66	cps
Potassium	39-2	1241671	1256693	1244230	1247531	0.64	cps
Rhodium	103-1	12365032	12316555	11998130	12226572	1.63	cps
Rhodium	103-2	7159746	7291316	7175835	7208966	1.00	cps
Scandium	45-1	7276349	7249877	7071086	7199104	1.55	cps
Scandium	45-2	597171	592183	582970	590775	1.22	cps
Selenium	82-1	534	520	512	522	2.10	cps
Selenium	77-2	117	113	83	104	17.58	cps
Selenium	78-2	503	550	473	509	7.59	cps
Silicon	28-1	47839589	46190501	45372311	46467467	2.70	cps
Silver	107-1	111935	112597	110503	111678	0.96	cps
Silver	109-1	108559	105883	104214	106219	2.06	cps
Sodium	23-2	523676	525072	514543	521097	1.10	cps
Strontium	86-1	703351	701078	691802	698744	0.88	cps
Strontium	88-1	6329023	6316274	6111686	6252328	1.95	cps
Sulfur	34-1	299541	298620	292185	296782	1.35	cps
Terbium	159-1	16928366	16870702	16702949	16834006	0.70	cps
Terbium	159-2	11671182	11447417	11415722	11511440	1.21	cps
Thallium	203-1	35780	36258	36880	36306	1.52	cps
Thallium	205-1	83916	86606	85815	85446	1.62	cps
Tin	118-1	270499	268387	265190	268025	1.00	cps
Titanium	47-1	906774	897925	883479	896059	1.31	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5154-16A	Instrumnet Name :	P7
Client Sample ID :	ME28Q4A	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:13:49	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41311	40913	40763	40995	0.69	cps
Vanadium	51-2	305758	300722	300128	302203	1.02	cps
Yttrium	89-1	16653976	16257821	15959185	16290327	2.14	cps
Yttrium	89-2	4193624	4185538	4126639	4168601	0.88	cps
Zinc	66-2	6063464	5960205	5966829	5996833	0.96	cps
Zirconium	90-1	78119	77084	75958	77054	1.40	cps
Zirconium	91-1	17727	17521	16770	17339	2.91	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5172-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ38ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:16:49	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9979610	9817270	9975743	9924208	0.93	cps
Antimony	121-1	11014	11131	11054	11067	0.54	cps
Arsenic	75-2	78141	76382	75531	76684	1.74	cps
Barium	135-1	1014631	1025763	1013956	1018117	0.65	cps
Barium	137-1	1801962	1854750	1851634	1836115	1.61	cps
Beryllium	9-1	1703	1713	1623	1680	2.94	cps
Bismuth	209-1	9939665	9881642	9798102	9873136	0.72	cps
Bismuth	209-2	8537353	8272146	8364551	8391350	1.60	cps
Bromine	81-1	16396	16496	17120	16671	2.35	cps
Bromine	81-2	733	630	680	681	7.59	cps
Cadmium	108-1	483	537	590	537	9.94	cps
Cadmium	106-1	5028	4798	4818	4881	2.61	cps
Cadmium	111-1	8671	8326	8442	8480	2.07	cps
Calcium	43-1	445043	450707	450179	448643	0.70	cps
Calcium	44-1	6922850	6906113	6906019	6911661	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	322742	321696	318514	320984	0.69	cps
Cobalt	59-2	1211174	1196427	1198554	1202052	0.66	cps
Copper	63-2	724668	714741	716238	718549	0.74	cps
Dysprosium	156-1	109486	109472	108337	109098	0.60	cps
Dysprosium	156-2	93908	94921	94968	94599	0.63	cps
Erbium	164-1	91718	91497	91792	91669	0.17	cps
Erbium	164-2	67653	67197	66514	67121	0.85	cps
Gadolinium	160-1	104099	104764	103724	104196	0.51	cps
Gadolinium	160-2	80902	79239	80027	80056	1.04	cps
Holmium	165-1	16082271	16229819	15912553	16074881	0.99	cps
Holmium	165-2	11873218	11764845	11683655	11773906	0.81	cps
Indium	115-1	13148068	13103455	12915744	13055755	0.94	cps
Indium	115-2	4926172	4812943	4733405	4824173	2.01	cps
Iron	56-2	456806633	452661900	451237047	453568527	0.64	cps
Iron	57-2	11183193	11197761	11148738	11176564	0.23	cps
Iron	54-2	24794436	24496474	24672596	24654502	0.61	cps
Krypton	83-1	330	323	280	311	8.73	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5172-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ38ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:16:49	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6779337	6764192	6728577	6757369	0.39	cps
Lead	207-1	6000448	6043411	5965104	6002988	0.65	cps
Lead	208-1	27177716	27258467	27196558	27210914	0.16	cps
Lithium	6-1	1622185	1591254	1583368	1598936	1.28	cps
Magnesium	24-2	7442564	7336417	7373856	7384279	0.73	cps
Manganese	55-2	6336609	6357487	6309539	6334545	0.38	cps
Molybdenum	94-1	87094	88240	86215	87183	1.16	cps
Molybdenum	95-1	9023	8873	8929	8942	0.85	cps
Molybdenum	96-1	28368	29193	28985	28849	1.49	cps
Molybdenum	97-1	5514	5745	5745	5668	2.34	cps
Molybdenum	98-1	14574	14938	14524	14679	1.54	cps
Neodymium	150-1	183592	184876	182066	183511	0.77	cps
Neodymium	150-2	113781	112719	112572	113024	0.58	cps
Nickel	60-2	424834	422771	423278	423627	0.25	cps
Phosphorus	31-2	43879	43532	43157	43523	0.83	cps
Potassium	39-2	6649283	6530469	6551700	6577151	0.96	cps
Rhodium	103-1	12006552	12078504	12022080	12035712	0.31	cps
Rhodium	103-2	7326406	7319019	7151605	7265677	1.36	cps
Scandium	45-1	7311020	7247270	7225254	7261181	0.61	cps
Scandium	45-2	614414	613522	608195	612043	0.55	cps
Selenium	82-1	586	463	548	532	11.83	cps
Selenium	77-2	353	290	330	324	9.87	cps
Selenium	78-2	737	657	673	689	6.13	cps
Silicon	28-1	39655636	39570111	39167764	39464504	0.66	cps
Silver	107-1	46297	46621	46769	46562	0.52	cps
Silver	109-1	42823	44388	44799	44003	2.37	cps
Sodium	23-2	204043	200713	200254	201670	1.03	cps
Strontium	86-1	286444	290538	287294	288092	0.75	cps
Strontium	88-1	2580163	2620557	2590530	2597083	0.81	cps
Sulfur	34-1	197320	196084	192151	195185	1.38	cps
Terbium	159-1	16532604	16419359	16313758	16421907	0.67	cps
Terbium	159-2	11598252	11600036	11517286	11571858	0.41	cps
Thallium	203-1	4181	4251	4284	4238	1.24	cps
Thallium	205-1	10271	10050	9974	10098	1.53	cps
Tin	118-1	10324	10274	10411	10336	0.67	cps
Titanium	47-1	1732720	1799002	1752280	1761334	1.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5172-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ38ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:16:49	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43013	43009	42317	42780	0.94	cps
Vanadium	51-2	1908804	1927395	1891778	1909326	0.93	cps
Yttrium	89-1	16656079	16813720	16379418	16616406	1.32	cps
Yttrium	89-2	4434486	4361160	4391808	4395818	0.84	cps
Zinc	66-2	445089	442005	439723	442272	0.61	cps
Zirconium	90-1	223163	224838	223501	223834	0.40	cps
Zirconium	91-1	48681	50700	49680	49687	2.03	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5173-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ58ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:19:51	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9787719	9784138	9737101	9769653	0.29	cps
Antimony	121-1	10414	10601	10537	10517	0.90	cps
Arsenic	75-2	75548	74389	73618	74518	1.30	cps
Barium	135-1	991090	1004594	990168	995284	0.81	cps
Barium	137-1	1799844	1804337	1813471	1805884	0.38	cps
Beryllium	9-1	1677	1677	1573	1642	3.63	cps
Bismuth	209-1	10409829	9771525	9647361	9942905	4.11	cps
Bismuth	209-2	8346611	8404343	8320929	8357294	0.51	cps
Bromine	81-1	16469	16913	16946	16776	1.59	cps
Bromine	81-2	690	637	680	669	4.24	cps
Cadmium	108-1	603	533	497	544	9.95	cps
Cadmium	106-1	4961	4938	4551	4816	4.78	cps
Cadmium	111-1	8389	8611	8439	8480	1.38	cps
Calcium	43-1	437346	439156	438829	438444	0.22	cps
Calcium	44-1	6749961	6767265	6776612	6764613	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	312753	310707	309636	311032	0.51	cps
Cobalt	59-2	332653	331965	330000	331539	0.42	cps
Copper	63-2	706386	708991	705063	706813	0.28	cps
Dysprosium	156-1	107057	108686	107038	107594	0.88	cps
Dysprosium	156-2	92827	93015	92857	92900	0.11	cps
Erbium	164-1	90286	89048	89782	89705	0.69	cps
Erbium	164-2	66430	65496	66718	66215	0.96	cps
Gadolinium	160-1	101363	102407	102851	102207	0.75	cps
Gadolinium	160-2	77814	78092	77797	77901	0.21	cps
Holmium	165-1	17124178	16323437	16016752	16488122	3.47	cps
Holmium	165-2	11786462	11651420	11812807	11750230	0.74	cps
Indium	115-1	13686071	13196789	12851893	13244917	3.16	cps
Indium	115-2	4802409	4719663	4682461	4734844	1.30	cps
Iron	56-2	443802180	445516500	439652927	442990536	0.68	cps
Iron	57-2	11034684	11000734	10931440	10988952	0.48	cps
Iron	54-2	24108162	24266880	23983355	24119466	0.59	cps
Krypton	83-1	310	350	297	319	8.70	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5173-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ58ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:19:51	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1545594	1565297	1552536	1554476	0.64	cps
Lead	207-1	1342348	1347767	1338022	1342712	0.36	cps
Lead	208-1	6348914	6333367	6279297	6320526	0.58	cps
Lithium	6-1	1718333	1607282	1583658	1636424	4.39	cps
Magnesium	24-2	7248527	7257194	7181120	7228947	0.58	cps
Manganese	55-2	6197919	6256113	6187317	6213783	0.60	cps
Molybdenum	94-1	84415	86312	84297	85008	1.33	cps
Molybdenum	95-1	8766	8903	8979	8883	1.22	cps
Molybdenum	96-1	27800	27389	27563	27584	0.75	cps
Molybdenum	97-1	5491	5571	5491	5518	0.84	cps
Molybdenum	98-1	14044	14013	13940	13999	0.38	cps
Neodymium	150-1	179069	179723	178798	179196	0.27	cps
Neodymium	150-2	111584	111913	111174	111557	0.33	cps
Nickel	60-2	94596	95867	96038	95500	0.83	cps
Phosphorus	31-2	42292	42188	41911	42130	0.47	cps
Potassium	39-2	6421009	6484040	6425287	6443445	0.55	cps
Rhodium	103-1	12657401	11896422	11776590	12110138	3.94	cps
Rhodium	103-2	7231873	7120463	7080934	7144423	1.10	cps
Scandium	45-1	7634981	7237853	7118005	7330280	3.69	cps
Scandium	45-2	607906	608945	603728	606860	0.46	cps
Selenium	82-1	576	508	527	537	6.59	cps
Selenium	77-2	263	280	257	267	4.51	cps
Selenium	78-2	653	683	763	700	8.12	cps
Silicon	28-1	38550412	38906924	38784882	38747406	0.47	cps
Silver	107-1	46038	46506	46026	46190	0.59	cps
Silver	109-1	42947	43786	42906	43213	1.15	cps
Sodium	23-2	195518	195076	194256	194950	0.33	cps
Strontium	86-1	280594	284847	282061	282501	0.76	cps
Strontium	88-1	2546126	2544013	2506084	2532074	0.89	cps
Sulfur	34-1	184320	184033	181595	183316	0.82	cps
Terbium	159-1	17470402	16384491	16250667	16701853	4.01	cps
Terbium	159-2	11682204	11484070	11394747	11520340	1.28	cps
Thallium	203-1	4054	3914	3781	3916	3.49	cps
Thallium	205-1	9023	9170	9370	9188	1.90	cps
Tin	118-1	11426	10267	10207	10633	6.46	cps
Titanium	47-1	1724964	1715731	1713688	1718128	0.35	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5173-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ58ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:19:51	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42080	42030	41856	41989	0.28	cps
Vanadium	51-2	677281	669561	670674	672505	0.62	cps
Yttrium	89-1	17446237	16522908	16281606	16750250	3.67	cps
Yttrium	89-2	4415739	4339772	4409316	4388276	0.96	cps
Zinc	66-2	433712	430933	429275	431307	0.52	cps
Zirconium	90-1	218488	218728	221475	219563	0.76	cps
Zirconium	91-1	48901	49118	48781	48933	0.35	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:22:59	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30684787	30514329	30785981	30661699	0.45	cps
Antimony	121-1	63516	63142	61742	62800	1.49	cps
Arsenic	75-2	212553	215339	210146	212679	1.22	cps
Barium	135-1	712612	701212	699476	704433	1.01	cps
Barium	137-1	1234859	1226253	1221557	1227556	0.55	cps
Beryllium	9-1	4291	4307	4047	4215	3.45	cps
Bismuth	209-1	9783138	9717477	9558223	9686279	1.19	cps
Bismuth	209-2	8192748	8325071	8239158	8252326	0.81	cps
Bromine	81-1	15391	15702	16109	15734	2.29	cps
Bromine	81-2	440	393	503	446	12.39	cps
Cadmium	108-1	1940	2013	2037	1997	2.53	cps
Cadmium	106-1	6648	6695	6475	6606	1.76	cps
Cadmium	111-1	30686	29925	29760	30124	1.64	cps
Calcium	43-1	474493	474319	471092	473301	0.40	cps
Calcium	44-1	7399061	7305126	7329522	7344570	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2380121	2328734	2381150	2363335	1.27	cps
Cobalt	59-2	1125649	1122747	1127514	1125303	0.21	cps
Copper	63-2	6968781	6950224	6847440	6922149	0.94	cps
Dysprosium	156-1	77217	75652	74701	75857	1.68	cps
Dysprosium	156-2	61427	62033	60951	61470	0.88	cps
Erbium	164-1	86978	86499	85409	86295	0.93	cps
Erbium	164-2	62486	63262	63245	62998	0.70	cps
Gadolinium	160-1	81093	79239	78947	79759	1.46	cps
Gadolinium	160-2	60634	62418	60818	61290	1.60	cps
Holmium	165-1	16332511	16346866	15998889	16226089	1.21	cps
Holmium	165-2	11574234	11926689	11788674	11763199	1.51	cps
Indium	115-1	13223053	13095066	12818559	13045559	1.58	cps
Indium	115-2	4816256	4744290	4803275	4787940	0.80	cps
Iron	56-2	1053523104	1034248811	1048507824	1045426580	0.96	cps
Iron	57-2	25952259	25775210	25963850	25897106	0.41	cps
Iron	54-2	57546301	55825173	57309376	56893616	1.64	cps
Krypton	83-1	403	313	400	372	13.71	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:22:59	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2330825	2348347	2319346	2332839	0.63	cps
Lead	207-1	2163271	2116283	2082597	2120717	1.91	cps
Lead	208-1	9609122	9448954	9351215	9469764	1.37	cps
Lithium	6-1	1631785	1632846	1640110	1634914	0.28	cps
Magnesium	24-2	33850026	34214899	33804834	33956586	0.66	cps
Manganese	55-2	17225189	17029250	17327631	17194023	0.88	cps
Molybdenum	94-1	43153	43060	42826	43013	0.39	cps
Molybdenum	95-1	4637	4767	4784	4730	1.70	cps
Molybdenum	96-1	23506	23315	22681	23167	1.86	cps
Molybdenum	97-1	3347	2910	2954	3070	7.84	cps
Molybdenum	98-1	6982	6852	6992	6942	1.13	cps
Neodymium	150-1	99055	99494	97776	98775	0.90	cps
Neodymium	150-2	60613	61045	61158	60939	0.47	cps
Nickel	60-2	528058	531007	525641	528236	0.51	cps
Phosphorus	31-2	15538	15568	15441	15516	0.43	cps
Potassium	39-2	1512895	1484415	1504683	1500664	0.98	cps
Rhodium	103-1	11912757	11858069	11669320	11813382	1.08	cps
Rhodium	103-2	7028878	7147798	7091057	7089244	0.84	cps
Scandium	45-1	8413375	8322620	8319747	8351914	0.64	cps
Scandium	45-2	719187	703565	714818	712523	1.13	cps
Selenium	82-1	3148	3223	3186	3186	1.18	cps
Selenium	77-2	430	483	513	476	8.88	cps
Selenium	78-2	1513	1550	1580	1548	2.16	cps
Silicon	28-1	61132907	61319534	61678094	61376845	0.45	cps
Silver	107-1	59357	59961	60383	59901	0.86	cps
Silver	109-1	56563	56934	56155	56551	0.69	cps
Sodium	23-2	196464	199310	200268	198681	1.00	cps
Strontium	86-1	239215	238850	237132	238399	0.47	cps
Strontium	88-1	2189100	2136699	2104526	2143442	1.99	cps
Sulfur	34-1	164649	165135	165441	165075	0.24	cps
Terbium	159-1	16692809	16541861	16410328	16548333	0.85	cps
Terbium	159-2	11491543	11621085	11473554	11528727	0.70	cps
Thallium	203-1	29418	29098	29692	29403	1.01	cps
Thallium	205-1	69369	69580	69848	69599	0.35	cps
Tin	118-1	9760	9683	9407	9617	1.93	cps
Titanium	47-1	2639810	2581679	2542193	2587894	1.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:22:59	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27218	26941	27796	27318	1.60	cps
Vanadium	51-2	2691484	2621448	2694224	2669052	1.55	cps
Yttrium	89-1	16803775	16672120	16567853	16681249	0.71	cps
Yttrium	89-2	4411859	4450495	4454962	4439105	0.53	cps
Zinc	66-2	733639	736320	730248	733402	0.41	cps
Zirconium	90-1	108913	109491	109817	109407	0.42	cps
Zirconium	91-1	24647	25246	24487	24793	1.61	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5186-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:25:59	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17102887	17050525	16974374	17042595	0.38	cps
Antimony	121-1	823	917	777	839	8.50	cps
Arsenic	75-2	42106	41478	40699	41428	1.70	cps
Barium	135-1	278491	275047	272209	275249	1.14	cps
Barium	137-1	483206	474421	472404	476677	1.20	cps
Beryllium	9-1	797	837	867	833	4.21	cps
Bismuth	209-1	9657184	9732086	9426983	9605418	1.66	cps
Bismuth	209-2	8345466	8226942	8082382	8218263	1.60	cps
Bromine	81-1	15885	15425	15101	15470	2.55	cps
Bromine	81-2	327	377	397	367	9.83	cps
Cadmium	108-1	190	243	177	203	17.35	cps
Cadmium	106-1	4421	4041	4214	4225	4.50	cps
Cadmium	111-1	4693	4372	4526	4530	3.54	cps
Calcium	43-1	480273	478364	471040	476559	1.02	cps
Calcium	44-1	7429900	7395697	7236357	7353985	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	872059	868957	862637	867884	0.55	cps
Cobalt	59-2	706367	699066	693144	699526	0.95	cps
Copper	63-2	2347379	2320685	2306641	2324902	0.89	cps
Dysprosium	156-1	64052	62762	63014	63276	1.08	cps
Dysprosium	156-2	50209	48928	50035	49724	1.40	cps
Erbium	164-1	78026	77205	78174	77802	0.67	cps
Erbium	164-2	56273	56681	55409	56121	1.16	cps
Gadolinium	160-1	67994	69052	67702	68249	1.04	cps
Gadolinium	160-2	52889	51698	51019	51869	1.82	cps
Holmium	165-1	16682966	16251856	16077886	16337569	1.91	cps
Holmium	165-2	11898744	11896513	11739910	11845056	0.77	cps
Indium	115-1	13515992	13142319	12946189	13201500	2.19	cps
Indium	115-2	4892923	4818865	4749222	4820336	1.49	cps
Iron	56-2	696144656	693952976	690340950	693479527	0.42	cps
Iron	57-2	17280467	17115580	17060394	17152147	0.67	cps
Iron	54-2	37490335	37443255	37287474	37407022	0.28	cps
Krypton	83-1	350	383	400	378	6.74	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5186-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:25:59	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	147540	144482	142261	144761	1.83	cps
Lead	207-1	126903	124373	124135	125137	1.23	cps
Lead	208-1	575657	569543	566084	570428	0.85	cps
Lithium	6-1	1660991	1636403	1632342	1643245	0.94	cps
Magnesium	24-2	19414875	19276183	19171988	19287682	0.63	cps
Manganese	55-2	7924147	7871788	7814786	7870240	0.69	cps
Molybdenum	94-1	11892	11395	11651	11646	2.13	cps
Molybdenum	95-1	3614	3687	3580	3627	1.50	cps
Molybdenum	96-1	12966	13403	12946	13105	1.97	cps
Molybdenum	97-1	2287	2074	2090	2150	5.52	cps
Molybdenum	98-1	5174	5294	5198	5222	1.22	cps
Neodymium	150-1	74150	74981	74106	74413	0.66	cps
Neodymium	150-2	46015	45052	45018	45362	1.25	cps
Nickel	60-2	581512	574487	574754	576918	0.69	cps
Phosphorus	31-2	19149	19125	18902	19059	0.72	cps
Potassium	39-2	1303899	1295293	1298868	1299353	0.33	cps
Rhodium	103-1	12347907	12126244	11852121	12108757	2.05	cps
Rhodium	103-2	7233259	7236277	7184642	7218060	0.40	cps
Scandium	45-1	8101297	7877760	7829888	7936315	1.83	cps
Scandium	45-2	671088	667389	661813	666763	0.70	cps
Selenium	82-1	359	338	242	313	19.89	cps
Selenium	77-2	127	133	150	137	8.79	cps
Selenium	78-2	560	590	593	581	3.16	cps
Silicon	28-1	7712455	7724414	7687164	7708011	0.25	cps
Silver	107-1	36848	37195	37334	37125	0.67	cps
Silver	109-1	34955	35136	34645	34912	0.71	cps
Sodium	23-2	272708	271517	270964	271730	0.33	cps
Strontium	86-1	245276	244405	240495	243392	1.05	cps
Strontium	88-1	2196795	2156795	2182377	2178656	0.93	cps
Sulfur	34-1	168133	169825	168582	168847	0.52	cps
Terbium	159-1	16974501	16728542	16401503	16701515	1.72	cps
Terbium	159-2	11613161	11605143	11449144	11555816	0.80	cps
Thallium	203-1	1390	1600	1530	1507	7.10	cps
Thallium	205-1	3510	3691	3530	3577	2.76	cps
Tin	118-1	6338	6128	6028	6165	2.57	cps
Titanium	47-1	1173949	1157717	1154738	1162135	0.89	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5186-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:25:59	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13904	13420	13283	13536	2.41	cps
Vanadium	51-2	3607088	3559938	3514004	3560343	1.31	cps
Yttrium	89-1	17014804	16624714	16676245	16771921	1.26	cps
Yttrium	89-2	4485479	4451310	4379434	4438741	1.22	cps
Zinc	66-2	209312	209775	206186	208424	0.94	cps
Zirconium	90-1	25816	25482	25278	25526	1.06	cps
Zirconium	91-1	5801	5731	5624	5719	1.56	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BL	Instrumnet Name :	P7
Client Sample ID :	PBW674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:29:08	DataFile Name :	166CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1770	1487	1203	1487	19.06	cps
Antimony	121-1	127	100	120	116	12.01	cps
Arsenic	75-2	20	20	20	20	0.00	cps
Barium	135-1	117	103	120	113	7.78	cps
Barium	137-1	177	133	130	147	17.75	cps
Beryllium	9-1	70	40	73	61	30.04	cps
Bismuth	209-1	9550835	9414787	9454933	9473518	0.74	cps
Bismuth	209-2	8167981	8133163	8254934	8185359	0.77	cps
Bromine	81-1	14944	15044	14931	14973	0.41	cps
Bromine	81-2	170	143	180	164	11.52	cps
Cadmium	108-1	7	17	13	12	41.65	cps
Cadmium	106-1	3747	3437	3470	3552	4.79	cps
Cadmium	111-1	2638	2394	2447	2493	5.16	cps
Calcium	43-1	317	280	337	311	9.24	cps
Calcium	44-1	9493	9256	9360	9370	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1207	1160	1007	1125	9.31	cps
Cobalt	59-2	237	167	220	208	17.60	cps
Copper	63-2	4237	4111	4271	4206	2.01	cps
Dysprosium	156-1	30	30	17	26	30.11	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	53	80	43	59	32.19	cps
Erbium	164-2	50	60	33	48	28.20	cps
Gadolinium	160-1	43	60	40	48	22.43	cps
Gadolinium	160-2	610	640	527	592	9.92	cps
Holmium	165-1	15742969	15367199	15416858	15509008	1.32	cps
Holmium	165-2	11625189	11321039	11301252	11415827	1.59	cps
Indium	115-1	13092249	12910768	12758246	12920421	1.29	cps
Indium	115-2	4781753	4797637	4802800	4794063	0.23	cps
Iron	56-2	88066	77096	65673	76945	14.55	cps
Iron	57-2	2714	2390	2227	2444	10.14	cps
Iron	54-2	6341	5541	4877	5587	13.12	cps
Krypton	83-1	277	270	243	263	6.70	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BL	Instrumnet Name :	P7
Client Sample ID :	PBW674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:29:08	DataFile Name :	166CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1000	1023	1000	1008	1.34	cps
Lead	207-1	840	810	757	802	5.26	cps
Lead	208-1	3837	3984	3900	3907	1.88	cps
Lithium	6-1	1622228	1552137	1569151	1581172	2.31	cps
Magnesium	24-2	2490	2180	2140	2270	8.44	cps
Manganese	55-2	1157	1063	933	1051	10.67	cps
Molybdenum	94-1	313	283	333	310	8.12	cps
Molybdenum	95-1	110	67	107	94	25.53	cps
Molybdenum	96-1	210	173	177	187	10.86	cps
Molybdenum	97-1	77	53	83	71	22.15	cps
Molybdenum	98-1	163	143	133	147	10.41	cps
Neodymium	150-1	27	10	10	16	61.87	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	680	623	647	650	4.38	cps
Phosphorus	31-2	130	130	153	138	9.78	cps
Potassium	39-2	54778	55337	54681	54932	0.64	cps
Rhodium	103-1	12202688	11964672	12024606	12063989	1.03	cps
Rhodium	103-2	7349162	7323108	7374233	7348834	0.35	cps
Scandium	45-1	7063602	6869411	6833170	6922061	1.79	cps
Scandium	45-2	591489	592921	595107	593172	0.31	cps
Selenium	82-1	113	126	117	119	5.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	377	433	430	413	7.69	cps
Silicon	28-1	643567	648754	647678	646666	0.42	cps
Silver	107-1	384	267	237	296	26.24	cps
Silver	109-1	340	230	213	261	26.36	cps
Sodium	23-2	21271	21435	21312	21339	0.40	cps
Strontium	86-1	493	457	480	477	3.89	cps
Strontium	88-1	647	573	597	606	6.19	cps
Sulfur	34-1	162709	163272	164946	163642	0.71	cps
Terbium	159-1	15839169	15683771	15604194	15709044	0.76	cps
Terbium	159-2	11211672	11144506	11291567	11215915	0.66	cps
Thallium	203-1	647	720	830	732	12.60	cps
Thallium	205-1	1673	1783	1730	1729	3.18	cps
Tin	118-1	2414	2267	2234	2305	4.16	cps
Titanium	47-1	253	203	283	247	16.38	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BL	Instrumnet Name :	P7
Client Sample ID :	PBW674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:29:08	DataFile Name :	166CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	13	20	27	66.16	cps
Vanadium	51-2	310	270	280	287	7.26	cps
Yttrium	89-1	15275756	15173266	15072161	15173728	0.67	cps
Yttrium	89-2	4096464	4085102	4105822	4095796	0.25	cps
Zinc	66-2	677	563	593	611	9.61	cps
Zirconium	90-1	723	760	687	723	5.07	cps
Zirconium	91-1	123	137	143	134	7.57	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BS	Instrumnet Name :	P7
Client Sample ID :	LCS674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:32:25	DataFile Name :	167LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12128	12278	12285	12231	0.72	cps
Antimony	121-1	54262	54493	53405	54053	1.06	cps
Arsenic	75-2	1513	1623	1520	1552	3.97	cps
Barium	135-1	65252	65851	65369	65491	0.48	cps
Barium	137-1	114933	113558	113606	114032	0.68	cps
Beryllium	9-1	2774	3074	2854	2900	5.36	cps
Bismuth	209-1	9597142	9461239	9303651	9454010	1.55	cps
Bismuth	209-2	8151145	8096742	8056138	8101342	0.59	cps
Bromine	81-1	14654	14681	14314	14550	1.41	cps
Bromine	81-2	103	80	100	94	13.36	cps
Cadmium	108-1	570	500	557	542	6.86	cps
Cadmium	106-1	4404	4077	4251	4244	3.85	cps
Cadmium	111-1	9646	9842	9550	9679	1.54	cps
Calcium	43-1	36390	36611	37025	36675	0.88	cps
Calcium	44-1	606791	603240	597220	602417	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22006	21439	22036	21827	1.54	cps
Cobalt	59-2	17447	17327	17477	17417	0.46	cps
Copper	63-2	28634	29680	29653	29322	2.03	cps
Dysprosium	156-1	10	20	17	16	32.73	cps
Dysprosium	156-2	3	27	10	13	90.16	cps
Erbium	164-1	70	53	40	54	27.61	cps
Erbium	164-2	57	47	47	50	11.55	cps
Gadolinium	160-1	63	43	63	57	20.38	cps
Gadolinium	160-2	593	557	657	602	8.40	cps
Holmium	165-1	15626475	15426923	15226895	15426764	1.30	cps
Holmium	165-2	11217012	11172290	11184091	11191131	0.21	cps
Indium	115-1	13085367	13031267	12886980	13001205	0.79	cps
Indium	115-2	4797150	4816456	4796302	4803303	0.24	cps
Iron	56-2	2065781	2069415	2088046	2074414	0.58	cps
Iron	57-2	52913	53344	53224	53160	0.42	cps
Iron	54-2	116318	116607	115975	116300	0.27	cps
Krypton	83-1	197	253	220	223	12.75	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BS	Instrumnet Name :	P7
Client Sample ID :	LCS674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:32:25	DataFile Name :	167LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20372	20743	20546	20553	0.90	cps
Lead	207-1	17798	17728	18166	17897	1.31	cps
Lead	208-1	82496	81780	82251	82175	0.44	cps
Lithium	6-1	1581890	1593172	1546855	1573972	1.53	cps
Magnesium	24-2	455894	454741	452159	454265	0.42	cps
Manganese	55-2	9376	9103	9226	9235	1.48	cps
Molybdenum	94-1	55086	54565	55625	55092	0.96	cps
Molybdenum	95-1	66815	67002	65770	66529	1.00	cps
Molybdenum	96-1	75045	74549	74378	74657	0.46	cps
Molybdenum	97-1	41482	41856	42378	41905	1.07	cps
Molybdenum	98-1	108556	107861	108012	108143	0.34	cps
Neodymium	150-1	10	3	7	7	50.03	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	5091	4944	4951	4995	1.66	cps
Phosphorus	31-2	857	833	910	867	4.53	cps
Potassium	39-2	679635	682847	684346	682276	0.35	cps
Rhodium	103-1	12197179	12096418	11877158	12056918	1.36	cps
Rhodium	103-2	7224452	7238049	7283228	7248576	0.42	cps
Scandium	45-1	7007056	6826542	6807567	6880388	1.60	cps
Scandium	45-2	593032	593789	593901	593574	0.08	cps
Selenium	82-1	2465	2306	2325	2365	3.67	cps
Selenium	77-2	207	237	237	227	7.64	cps
Selenium	78-2	1233	1217	1390	1280	7.47	cps
Silicon	28-1	785724	783445	785035	784735	0.15	cps
Silver	107-1	35596	35047	35312	35318	0.78	cps
Silver	109-1	32536	32757	32410	32568	0.54	cps
Sodium	23-2	745353	746362	747336	746350	0.13	cps
Strontium	86-1	8973	8929	8996	8966	0.38	cps
Strontium	88-1	75821	76310	75469	75866	0.56	cps
Sulfur	34-1	172100	172158	173879	172712	0.59	cps
Terbium	159-1	16127734	15885999	15494311	15836015	2.02	cps
Terbium	159-2	11125372	11108792	11162814	11132326	0.25	cps
Thallium	203-1	24879	25584	25471	25311	1.49	cps
Thallium	205-1	59797	59436	59837	59690	0.37	cps
Tin	118-1	115770	115787	113916	115158	0.93	cps
Titanium	47-1	4044	3851	3997	3964	2.55	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	PB165674BS	Instrumnet Name :	P7
Client Sample ID :	LCS674	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:32:25	DataFile Name :	167LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71722	71575	71314	71537	0.29	cps
Vanadium	51-2	47040	48544	46956	47513	1.88	cps
Yttrium	89-1	15427202	15198159	14839450	15154937	1.95	cps
Yttrium	89-2	4091166	4057633	4067985	4072261	0.42	cps
Zinc	66-2	11158	11471	11314	11314	1.39	cps
Zirconium	90-1	46045	46209	45768	46007	0.49	cps
Zirconium	91-1	10247	10130	9900	10092	1.75	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-01	Instrumnet Name :	P7
Client Sample ID :	MYCPM3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:35:42	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1280	1390	1340	1337	4.12	cps
Antimony	121-1	123	110	100	111	10.54	cps
Arsenic	75-2	13	13	10	12	15.73	cps
Barium	135-1	3197	2980	3004	3060	3.89	cps
Barium	137-1	5118	5204	4808	5043	4.14	cps
Beryllium	9-1	60	37	40	46	27.70	cps
Bismuth	209-1	9849903	9587838	9612813	9683518	1.49	cps
Bismuth	209-2	8226317	8246463	8215474	8229418	0.19	cps
Bromine	81-1	14411	14581	13887	14293	2.53	cps
Bromine	81-2	97	67	67	77	22.59	cps
Cadmium	108-1	10	10	10	10	0.00	cps
Cadmium	106-1	3697	3457	3217	3457	6.94	cps
Cadmium	111-1	2604	2426	2265	2432	6.98	cps
Calcium	43-1	1550	1530	1503	1528	1.53	cps
Calcium	44-1	28807	28417	28734	28653	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1660	1590	1757	1669	5.01	cps
Cobalt	59-2	163	143	120	142	15.25	cps
Copper	63-2	1370	1507	1440	1439	4.75	cps
Dysprosium	156-1	23	20	10	18	39.03	cps
Dysprosium	156-2	13	20	27	20	33.35	cps
Erbium	164-1	97	43	100	80	39.75	cps
Erbium	164-2	20	27	40	29	35.25	cps
Gadolinium	160-1	73	63	50	62	18.81	cps
Gadolinium	160-2	637	560	687	628	10.16	cps
Holmium	165-1	16020125	15604647	15599996	15741589	1.53	cps
Holmium	165-2	11459837	11453431	11282398	11398555	0.88	cps
Indium	115-1	13314141	13060604	12775553	13050099	2.06	cps
Indium	115-2	4839251	4778664	4820958	4812958	0.65	cps
Iron	56-2	214481	214105	211867	213484	0.66	cps
Iron	57-2	5985	5768	5988	5913	2.13	cps
Iron	54-2	13203	13239	13733	13392	2.21	cps
Krypton	83-1	233	177	213	208	13.83	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-01	Instrumnet Name :	P7
Client Sample ID :	MYCPM3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:35:42	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2327	2470	2300	2366	3.87	cps
Lead	207-1	2117	2104	2010	2077	2.80	cps
Lead	208-1	9635	9301	9028	9321	3.26	cps
Lithium	6-1	1633221	1597125	1578569	1602972	1.73	cps
Magnesium	24-2	1897	1777	1993	1889	5.75	cps
Manganese	55-2	8296	8382	8426	8368	0.79	cps
Molybdenum	94-1	370	400	310	360	12.73	cps
Molybdenum	95-1	133	140	153	142	7.16	cps
Molybdenum	96-1	200	233	277	237	16.24	cps
Molybdenum	97-1	97	93	93	94	2.04	cps
Molybdenum	98-1	217	283	243	248	13.54	cps
Neodymium	150-1	13	37	27	26	45.82	cps
Neodymium	150-2	10	20	20	17	34.64	cps
Nickel	60-2	500	417	533	483	12.43	cps
Phosphorus	31-2	137	127	153	139	9.70	cps
Potassium	39-2	61373	60439	60426	60746	0.89	cps
Rhodium	103-1	12596836	12176458	12164387	12312560	2.00	cps
Rhodium	103-2	7425956	7268156	7364338	7352817	1.08	cps
Scandium	45-1	7217490	7097531	6976015	7097012	1.70	cps
Scandium	45-2	606864	609604	602693	606387	0.57	cps
Selenium	82-1	191	284	216	231	20.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	493	460	530	494	7.08	cps
Silicon	28-1	700596	711449	714980	709008	1.06	cps
Silver	107-1	260	264	250	258	2.67	cps
Silver	109-1	250	170	183	201	21.31	cps
Sodium	23-2	91312	92526	92398	92079	0.72	cps
Strontium	86-1	630	707	583	640	9.73	cps
Strontium	88-1	2517	2550	2307	2458	5.37	cps
Sulfur	34-1	173368	174186	174769	174108	0.40	cps
Terbium	159-1	16474921	16050617	15974364	16166634	1.67	cps
Terbium	159-2	11298552	11115533	11148674	11187587	0.87	cps
Thallium	203-1	527	417	320	421	24.55	cps
Thallium	205-1	1327	1073	810	1070	24.15	cps
Tin	118-1	3927	3997	3934	3953	0.98	cps
Titanium	47-1	303	310	333	316	4.99	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-01	Instrumnet Name :	P7
Client Sample ID :	MYCPM3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:35:42	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	30	43	36	19.51	cps
Vanadium	51-2	67	40	53	53	25.00	cps
Yttrium	89-1	15826878	15203636	15155024	15395179	2.43	cps
Yttrium	89-2	4145745	4119466	4104827	4123346	0.50	cps
Zinc	66-2	3190	3194	3467	3284	4.84	cps
Zirconium	90-1	843	907	767	839	8.36	cps
Zirconium	91-1	210	170	180	187	11.15	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-02	Instrumnet Name :	P7
Client Sample ID :	MYCPM7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:38:58	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	803	860	1007	890	11.79	cps
Antimony	121-1	103	130	110	114	12.13	cps
Arsenic	75-2	7	10	23	13	66.12	cps
Barium	135-1	357	337	383	359	6.52	cps
Barium	137-1	563	543	580	562	3.27	cps
Beryllium	9-1	37	27	47	37	27.27	cps
Bismuth	209-1	9970488	9761265	9509710	9747154	2.37	cps
Bismuth	209-2	8373750	8497956	8367173	8412959	0.88	cps
Bromine	81-1	15074	15031	14968	15024	0.36	cps
Bromine	81-2	87	100	70	86	17.57	cps
Cadmium	108-1	17	17	10	14	26.66	cps
Cadmium	106-1	3674	3510	3537	3574	2.45	cps
Cadmium	111-1	2573	2462	2486	2507	2.33	cps
Calcium	43-1	1887	1820	1803	1837	2.40	cps
Calcium	44-1	35004	34182	34482	34556	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5661	5881	6001	5848	2.95	cps
Cobalt	59-2	293	217	223	244	17.37	cps
Copper	63-2	1343	1163	1230	1246	7.31	cps
Dysprosium	156-1	20	17	13	17	20.01	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	50	53	67	57	15.57	cps
Erbium	164-2	70	53	37	53	31.25	cps
Gadolinium	160-1	73	53	53	60	19.25	cps
Gadolinium	160-2	600	637	540	592	8.24	cps
Holmium	165-1	15960268	15700554	15744360	15801727	0.88	cps
Holmium	165-2	11685142	11688230	11568629	11647334	0.59	cps
Indium	115-1	13429201	13362564	13143034	13311600	1.12	cps
Indium	115-2	4975743	4923846	4835824	4911804	1.44	cps
Iron	56-2	48588	46358	46438	47128	2.68	cps
Iron	57-2	1877	1763	1873	1838	3.51	cps
Iron	54-2	4231	4027	4031	4096	2.84	cps
Krypton	83-1	220	200	203	208	5.16	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-02	Instrumnet Name :	P7
Client Sample ID :	MYCPM7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:38:58	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	997	980	930	969	3.58	cps
Lead	207-1	860	800	853	838	3.93	cps
Lead	208-1	3987	3867	3824	3892	2.17	cps
Lithium	6-1	1626610	1592540	1622764	1613971	1.16	cps
Magnesium	24-2	2187	2020	2020	2076	4.64	cps
Manganese	55-2	3604	3797	3570	3657	3.35	cps
Molybdenum	94-1	307	293	300	300	2.22	cps
Molybdenum	95-1	130	147	153	143	8.39	cps
Molybdenum	96-1	223	167	220	203	15.64	cps
Molybdenum	97-1	90	63	60	71	23.12	cps
Molybdenum	98-1	217	217	193	209	6.45	cps
Neodymium	150-1	17	3	10	10	66.70	cps
Neodymium	150-2	20	10	0	10	100.00	cps
Nickel	60-2	2230	2310	2267	2269	1.77	cps
Phosphorus	31-2	140	140	160	147	7.87	cps
Potassium	39-2	59081	58502	58954	58845	0.52	cps
Rhodium	103-1	12539184	12500882	12253972	12431346	1.25	cps
Rhodium	103-2	7579036	7470714	7393252	7481001	1.25	cps
Scandium	45-1	7180956	7171020	7124914	7158963	0.42	cps
Scandium	45-2	616600	618694	611505	615600	0.60	cps
Selenium	82-1	261	225	226	237	8.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	463	487	533	494	7.21	cps
Silicon	28-1	693579	704578	712388	703515	1.34	cps
Silver	107-1	193	187	187	189	2.00	cps
Silver	109-1	103	83	90	92	11.04	cps
Sodium	23-2	40540	41101	40239	40627	1.08	cps
Strontium	86-1	583	583	587	584	0.33	cps
Strontium	88-1	1860	1803	1807	1823	1.74	cps
Sulfur	34-1	178782	177892	180138	178937	0.63	cps
Terbium	159-1	16548339	15979602	16081186	16203042	1.87	cps
Terbium	159-2	11394709	11420359	11465743	11426937	0.31	cps
Thallium	203-1	250	223	183	219	15.33	cps
Thallium	205-1	570	587	500	552	8.33	cps
Tin	118-1	2750	2964	2784	2833	4.05	cps
Titanium	47-1	240	253	290	261	9.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-02	Instrumnet Name :	P7
Client Sample ID :	MYCPM7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:38:58	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	23	17	16	53.90	cps
Vanadium	51-2	57	60	53	57	5.89	cps
Yttrium	89-1	15934650	15507913	15457931	15633498	1.68	cps
Yttrium	89-2	4200455	4221370	4128384	4183403	1.17	cps
Zinc	66-2	1293	1313	1317	1308	0.97	cps
Zirconium	90-1	607	673	770	683	12.02	cps
Zirconium	91-1	137	150	157	148	6.89	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-03	Instrumnet Name :	P7
Client Sample ID :	MYCPN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:42:16	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1153	1120	1097	1123	2.54	cps
Antimony	121-1	93	90	90	91	2.11	cps
Arsenic	75-2	13	10	3	9	57.30	cps
Barium	135-1	560	530	510	533	4.72	cps
Barium	137-1	1077	913	850	947	12.35	cps
Beryllium	9-1	47	40	57	48	17.56	cps
Bismuth	209-1	10265165	9891756	9715707	9957543	2.82	cps
Bismuth	209-2	8383531	8412876	8410088	8402165	0.19	cps
Bromine	81-1	14838	15111	14884	14944	0.98	cps
Bromine	81-2	63	73	77	71	9.76	cps
Cadmium	108-1	7	17	10	11	45.82	cps
Cadmium	106-1	3761	3687	3680	3709	1.20	cps
Cadmium	111-1	2641	2583	2583	2602	1.29	cps
Calcium	43-1	873	913	907	898	2.39	cps
Calcium	44-1	18885	20167	19860	19637	3.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18158	17744	18201	18034	1.40	cps
Cobalt	59-2	257	227	267	250	8.33	cps
Copper	63-2	1217	1203	1297	1239	4.07	cps
Dysprosium	156-1	20	27	20	22	17.33	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	57	60	40	52	20.52	cps
Erbium	164-2	33	70	57	53	34.80	cps
Gadolinium	160-1	63	83	77	74	13.68	cps
Gadolinium	160-2	613	683	563	620	9.72	cps
Holmium	165-1	16427083	15906605	15764986	16032891	2.17	cps
Holmium	165-2	11686648	11619299	11772737	11692895	0.66	cps
Indium	115-1	14033757	13234098	13384713	13550856	3.14	cps
Indium	115-2	4978551	4933863	4927406	4946607	0.56	cps
Iron	56-2	103946	102866	103344	103385	0.52	cps
Iron	57-2	3080	3204	3320	3201	3.75	cps
Iron	54-2	7872	7472	7439	7594	3.18	cps
Krypton	83-1	240	247	210	232	8.41	cps

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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-03	Instrumnet Name :	P7
Client Sample ID :	MYCPN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:42:16	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	890	880	993	921	6.81	cps
Lead	207-1	840	760	777	792	5.33	cps
Lead	208-1	3464	3494	3480	3479	0.43	cps
Lithium	6-1	1668052	1626203	1617246	1637167	1.66	cps
Magnesium	24-2	1807	1660	1683	1717	4.59	cps
Manganese	55-2	3707	3574	3677	3653	1.92	cps
Molybdenum	94-1	493	480	547	507	6.96	cps
Molybdenum	95-1	473	513	430	472	8.83	cps
Molybdenum	96-1	620	597	500	572	11.12	cps
Molybdenum	97-1	253	277	293	274	7.32	cps
Molybdenum	98-1	723	763	743	743	2.69	cps
Neodymium	150-1	23	17	13	18	28.64	cps
Neodymium	150-2	3	7	27	12	103.26	cps
Nickel	60-2	2154	1940	2154	2082	5.92	cps
Phosphorus	31-2	127	180	193	167	21.17	cps
Potassium	39-2	58207	57886	57870	57988	0.33	cps
Rhodium	103-1	13158223	12430650	12359557	12649477	3.49	cps
Rhodium	103-2	7613705	7480486	7486276	7526822	1.00	cps
Scandium	45-1	7614171	7264017	7127562	7335250	3.42	cps
Scandium	45-2	622222	618216	621093	620510	0.33	cps
Selenium	82-1	283	199	197	227	21.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	433	487	507	476	7.97	cps
Silicon	28-1	712363	718564	717313	716080	0.46	cps
Silver	107-1	123	140	150	138	9.74	cps
Silver	109-1	83	113	67	88	26.94	cps
Sodium	23-2	47366	46747	46637	46917	0.84	cps
Strontium	86-1	610	483	423	506	18.85	cps
Strontium	88-1	1290	1383	1300	1325	3.87	cps
Sulfur	34-1	179612	180455	183295	181121	1.07	cps
Terbium	159-1	17266803	16272524	16089804	16543044	3.83	cps
Terbium	159-2	11527238	11360817	11429316	11439124	0.73	cps
Thallium	203-1	230	250	230	237	4.88	cps
Thallium	205-1	580	523	560	554	5.18	cps
Tin	118-1	2887	3020	2794	2900	3.93	cps
Titanium	47-1	413	263	320	332	22.80	cps

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LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-03	Instrumnet Name :	P7
Client Sample ID :	MYCPN6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:42:16	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	17	7	13	43.29	cps
Vanadium	51-2	127	107	93	109	15.41	cps
Yttrium	89-1	16303239	15888125	15603981	15931781	2.21	cps
Yttrium	89-2	4239302	4173393	4182604	4198433	0.85	cps
Zinc	66-2	1573	1487	1453	1505	4.12	cps
Zirconium	90-1	797	680	847	774	11.04	cps
Zirconium	91-1	193	93	187	158	35.44	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-04	Instrumnet Name :	P7
Client Sample ID :	MYD034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:45:32	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800	750	727	759	4.94	cps
Antimony	121-1	67	47	107	73	41.66	cps
Arsenic	75-2	17	17	10	14	26.66	cps
Barium	135-1	187	187	207	193	5.97	cps
Barium	137-1	340	307	313	320	5.51	cps
Beryllium	9-1	63	40	50	51	22.90	cps
Bismuth	209-1	9883577	9733210	9629317	9748701	1.31	cps
Bismuth	209-2	8418100	8454750	8426841	8433230	0.23	cps
Bromine	81-1	15805	15371	15392	15523	1.58	cps
Bromine	81-2	127	173	137	146	16.88	cps
Cadmium	108-1	7	13	10	10	33.30	cps
Cadmium	106-1	3691	3580	3500	3590	2.66	cps
Cadmium	111-1	2589	2514	2467	2523	2.44	cps
Calcium	43-1	933	850	893	892	4.67	cps
Calcium	44-1	19159	19352	19062	19191	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1250	1203	1213	1222	2.01	cps
Cobalt	59-2	87	127	107	107	18.75	cps
Copper	63-2	1240	1443	1370	1351	7.62	cps
Dysprosium	156-1	27	20	3	17	72.13	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	77	60	53	63	18.98	cps
Erbium	164-2	57	67	53	59	11.79	cps
Gadolinium	160-1	53	57	63	58	8.81	cps
Gadolinium	160-2	600	623	613	612	1.91	cps
Holmium	165-1	15957199	16022280	15836797	15938758	0.59	cps
Holmium	165-2	11776015	11623092	11692024	11697044	0.65	cps
Indium	115-1	13390327	13312455	13492024	13398269	0.67	cps
Indium	115-2	4992201	4949977	4977028	4973068	0.43	cps
Iron	56-2	41106	40835	40915	40952	0.34	cps
Iron	57-2	1747	1587	1707	1680	4.96	cps
Iron	54-2	3467	3674	3814	3652	4.78	cps
Krypton	83-1	267	230	213	237	11.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-04	Instrumnet Name :	P7
Client Sample ID :	MYD034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:45:32	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	643	677	677	666	2.89	cps
Lead	207-1	667	567	650	628	8.53	cps
Lead	208-1	2870	2607	2740	2739	4.81	cps
Lithium	6-1	1621478	1613711	1621189	1618793	0.27	cps
Magnesium	24-2	1250	1250	1197	1232	2.50	cps
Manganese	55-2	6018	6025	6088	6043	0.64	cps
Molybdenum	94-1	300	303	297	300	1.11	cps
Molybdenum	95-1	123	123	147	131	10.28	cps
Molybdenum	96-1	287	207	233	242	16.82	cps
Molybdenum	97-1	103	87	107	99	10.83	cps
Molybdenum	98-1	240	227	243	237	3.73	cps
Neodymium	150-1	13	20	10	14	35.26	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	387	383	443	404	8.34	cps
Phosphorus	31-2	173	147	160	160	8.33	cps
Potassium	39-2	59412	58425	58866	58901	0.84	cps
Rhodium	103-1	12528007	12491391	12560939	12526779	0.28	cps
Rhodium	103-2	7623425	7576685	7514752	7571621	0.72	cps
Scandium	45-1	7247690	7279278	7196960	7241309	0.57	cps
Scandium	45-2	626003	619735	617472	621070	0.71	cps
Selenium	82-1	161	164	225	183	19.82	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	523	473	547	514	7.28	cps
Silicon	28-1	699417	702738	697327	699827	0.39	cps
Silver	107-1	113	124	104	114	8.73	cps
Silver	109-1	87	67	73	76	13.48	cps
Sodium	23-2	53887	54466	53201	53852	1.18	cps
Strontium	86-1	540	467	527	511	7.64	cps
Strontium	88-1	1213	1050	1147	1137	7.23	cps
Sulfur	34-1	187198	187697	186560	187152	0.30	cps
Terbium	159-1	16413783	16328742	16169363	16303963	0.76	cps
Terbium	159-2	11527275	11403009	11686541	11538942	1.23	cps
Thallium	203-1	220	200	233	218	7.71	cps
Thallium	205-1	567	590	433	530	15.95	cps
Tin	118-1	3427	3627	3677	3577	3.70	cps
Titanium	47-1	283	233	253	257	9.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-04	Instrumnet Name :	P7
Client Sample ID :	MYD034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:45:32	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	27	50	31	54.97	cps
Vanadium	51-2	37	30	27	31	16.37	cps
Yttrium	89-1	15766463	15725186	15476108	15655919	1.00	cps
Yttrium	89-2	4192662	4232912	4269657	4231744	0.91	cps
Zinc	66-2	1640	1540	1550	1577	3.49	cps
Zirconium	90-1	680	793	650	708	10.68	cps
Zirconium	91-1	117	163	160	147	17.75	cps

Reviewed By:Mohan
On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-05	Instrumnet Name :	P7
Client Sample ID :	MYD037	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:48:50	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1027	1283	1163	1158	11.09	cps
Antimony	121-1	73	123	77	91	30.69	cps
Arsenic	75-2	13	27	23	21	32.88	cps
Barium	135-1	580	750	703	678	12.96	cps
Barium	137-1	1237	1090	1103	1143	7.09	cps
Beryllium	9-1	30	47	27	34	31.11	cps
Bismuth	209-1	9851193	9829716	9862848	9847919	0.17	cps
Bismuth	209-2	8484907	8616501	8429942	8510450	1.13	cps
Bromine	81-1	16553	16746	16433	16577	0.95	cps
Bromine	81-2	217	200	203	207	4.27	cps
Cadmium	108-1	3	7	7	6	34.70	cps
Cadmium	106-1	3894	3817	3754	3822	1.83	cps
Cadmium	111-1	2730	2671	2630	2677	1.89	cps
Calcium	43-1	4784	4697	4617	4700	1.77	cps
Calcium	44-1	80412	81082	80257	80584	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1427	1400	1433	1420	1.24	cps
Cobalt	59-2	103	160	133	132	21.44	cps
Copper	63-2	1637	1677	1490	1601	6.14	cps
Dysprosium	156-1	33	20	0	18	94.37	cps
Dysprosium	156-2	7	13	23	14	58.06	cps
Erbium	164-1	83	47	67	66	28.00	cps
Erbium	164-2	37	43	40	40	8.32	cps
Gadolinium	160-1	57	50	80	62	25.32	cps
Gadolinium	160-2	613	663	550	609	9.33	cps
Holmium	165-1	16049444	16097350	15803646	15983480	0.99	cps
Holmium	165-2	11782649	11755523	11642079	11726750	0.64	cps
Indium	115-1	13504768	13385809	13444978	13445185	0.44	cps
Indium	115-2	5015265	4960111	4973080	4982819	0.58	cps
Iron	56-2	62770	61538	62332	62213	1.00	cps
Iron	57-2	2254	2210	2344	2269	3.00	cps
Iron	54-2	5008	4871	4867	4915	1.63	cps
Krypton	83-1	213	217	273	234	14.38	cps

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On:12/20/2024
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Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-05	Instrumnet Name :	P7
Client Sample ID :	MYD037	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:48:50	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	780	790	727	766	4.45	cps
Lead	207-1	733	633	750	706	8.94	cps
Lead	208-1	3217	3177	3150	3181	1.05	cps
Lithium	6-1	1657970	1605943	1615896	1626603	1.70	cps
Magnesium	24-2	15832	16352	16075	16086	1.62	cps
Manganese	55-2	5928	5718	6081	5909	3.09	cps
Molybdenum	94-1	427	443	387	419	6.95	cps
Molybdenum	95-1	307	280	253	280	9.52	cps
Molybdenum	96-1	370	417	400	396	5.98	cps
Molybdenum	97-1	167	157	173	166	5.07	cps
Molybdenum	98-1	407	527	493	476	13.03	cps
Neodymium	150-1	20	30	20	23	24.74	cps
Neodymium	150-2	3	13	20	12	68.66	cps
Nickel	60-2	617	570	617	601	4.48	cps
Phosphorus	31-2	197	187	200	194	3.57	cps
Potassium	39-2	63144	62762	63321	63076	0.45	cps
Rhodium	103-1	12815026	12592467	12442089	12616527	1.49	cps
Rhodium	103-2	7609845	7660480	7653445	7641257	0.36	cps
Scandium	45-1	7325216	7235540	7252371	7271042	0.66	cps
Scandium	45-2	624685	626979	624478	625381	0.22	cps
Selenium	82-1	236	206	108	183	36.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	403	537	517	486	14.81	cps
Silicon	28-1	832845	841049	845003	839632	0.74	cps
Silver	107-1	114	127	130	124	7.08	cps
Silver	109-1	60	40	77	59	31.18	cps
Sodium	23-2	151813	153280	153809	152967	0.68	cps
Strontium	86-1	5008	5171	5004	5061	1.88	cps
Strontium	88-1	40656	41047	40338	40681	0.87	cps
Sulfur	34-1	193171	195047	196020	194746	0.74	cps
Terbium	159-1	16547626	16289667	16259436	16365576	0.97	cps
Terbium	159-2	11607866	11578706	11560792	11582455	0.21	cps
Thallium	203-1	197	237	150	194	22.31	cps
Thallium	205-1	530	487	423	480	11.18	cps
Tin	118-1	2777	2744	2760	2760	0.60	cps
Titanium	47-1	297	297	323	306	5.04	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	P5187-05	Instrumnet Name :	P7
Client Sample ID :	MYD037	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:48:50	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70	50	60	60	16.67	cps
Vanadium	51-2	163	173	187	174	6.71	cps
Yttrium	89-1	15796344	15740380	15648485	15728403	0.47	cps
Yttrium	89-2	4252474	4262989	4246329	4253931	0.20	cps
Zinc	66-2	1953	2087	2124	2055	4.35	cps
Zirconium	90-1	807	690	843	780	10.27	cps
Zirconium	91-1	97	177	173	149	30.40	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:52:05	DataFile Name :	173CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14135130	14159097	14233370	14175866	0.36	cps
Antimony	121-1	6621370	6575666	6518486	6571841	0.78	cps
Arsenic	75-2	327580	330785	329940	329435	0.50	cps
Barium	135-1	8512663	8445393	8350449	8436169	0.97	cps
Barium	137-1	14658930	14722496	14366672	14582699	1.30	cps
Beryllium	9-1	668390	682267	676883	675846	1.04	cps
Bismuth	209-1	8664702	8737210	8732174	8711362	0.46	cps
Bismuth	209-2	7448885	7402037	7435024	7428649	0.32	cps
Bromine	81-1	14254	13676	13960	13963	2.07	cps
Bromine	81-2	167	107	137	137	21.95	cps
Cadmium	108-1	121416	119957	118354	119909	1.28	cps
Cadmium	106-1	172102	171398	171719	171740	0.21	cps
Cadmium	111-1	1713090	1692871	1625063	1677008	2.75	cps
Calcium	43-1	8729032	8437164	8348768	8504988	2.34	cps
Calcium	44-1	139964881	136664815	133904855	136844850	2.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2434701	2426452	2447431	2436195	0.43	cps
Cobalt	59-2	3777968	3799443	3809268	3795560	0.42	cps
Copper	63-2	26896556	27175985	26904259	26992267	0.59	cps
Dysprosium	156-1	383	363	317	354	9.65	cps
Dysprosium	156-2	610	500	480	530	13.21	cps
Erbium	164-1	287	287	293	289	1.33	cps
Erbium	164-2	250	230	253	244	5.16	cps
Gadolinium	160-1	273	353	353	327	14.14	cps
Gadolinium	160-2	647	743	760	717	8.54	cps
Holmium	165-1	15153293	15105101	14956144	15071513	0.68	cps
Holmium	165-2	11075679	10941838	11110145	11042554	0.81	cps
Indium	115-1	11719165	11532823	11502749	11584912	1.01	cps
Indium	115-2	4189135	4169372	4168377	4175628	0.28	cps
Iron	56-2	575069338	577976978	579905018	577650445	0.42	cps
Iron	57-2	14360521	14327721	14286933	14325059	0.26	cps
Iron	54-2	30936928	31337470	31265410	31179936	0.68	cps
Krypton	83-1	227	203	263	231	13.09	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:52:05	DataFile Name :	173CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25518525	25615784	25505365	25546558	0.24	cps
Lead	207-1	22351234	22532989	22205304	22363176	0.73	cps
Lead	208-1	101956498	102606480	101392141	101985040	0.60	cps
Lithium	6-1	1534502	1531213	1532691	1532802	0.11	cps
Magnesium	24-2	108980972	109676995	109872275	109510081	0.43	cps
Manganese	55-2	19500292	19618676	19790378	19636449	0.74	cps
Molybdenum	94-1	23182055	22768339	22798963	22916452	1.01	cps
Molybdenum	95-1	33742535	33072690	32960060	33258428	1.27	cps
Molybdenum	96-1	37240895	36513350	36157669	36637305	1.51	cps
Molybdenum	97-1	20859635	20733985	20703557	20765726	0.40	cps
Molybdenum	98-1	54004046	53192759	53214326	53470377	0.86	cps
Neodymium	150-1	557	460	493	503	9.76	cps
Neodymium	150-2	150	173	193	172	12.59	cps
Nickel	60-2	907302	916615	918774	914230	0.67	cps
Phosphorus	31-2	126084	125678	127368	126376	0.70	cps
Potassium	39-2	68649531	68913777	69129071	68897460	0.35	cps
Rhodium	103-1	10470066	10287423	10225436	10327642	1.23	cps
Rhodium	103-2	6099624	6141697	6155821	6132381	0.48	cps
Scandium	45-1	6645943	6343717	6219413	6403024	3.43	cps
Scandium	45-2	521609	526343	527757	525237	0.61	cps
Selenium	82-1	104699	103294	103164	103719	0.82	cps
Selenium	77-2	10037	10364	10254	10218	1.63	cps
Selenium	78-2	34350	35062	34741	34717	1.03	cps
Silicon	28-1	3710869	3723001	3638903	3690924	1.23	cps
Silver	107-1	8289082	8201122	8182476	8224227	0.69	cps
Silver	109-1	7865458	7799558	7740145	7801720	0.80	cps
Sodium	23-2	173598751	176858024	174980791	175145855	0.93	cps
Strontium	86-1	2155101	2116626	2087806	2119845	1.59	cps
Strontium	88-1	18671883	18241470	17916136	18276496	2.07	cps
Sulfur	34-1	659039	645404	641357	648600	1.43	cps
Terbium	159-1	15440346	15418452	15012681	15290493	1.58	cps
Terbium	159-2	10683568	10833822	10673354	10730248	0.84	cps
Thallium	203-1	6473954	6418648	6430018	6440873	0.45	cps
Thallium	205-1	15364583	15390777	15159161	15304840	0.83	cps
Tin	118-1	5575892	5455814	5417103	5482936	1.51	cps
Titanium	47-1	8016467	7880567	7777438	7891491	1.52	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:52:05	DataFile Name :	173CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20125431	20038096	19860796	20008108	0.67	cps
Vanadium	51-2	2188056	2165170	2185155	2179461	0.57	cps
Yttrium	89-1	14306325	13910937	13566524	13927929	2.66	cps
Yttrium	89-2	3631662	3686094	3664445	3660734	0.75	cps
Zinc	66-2	4492618	4521073	4479027	4497573	0.48	cps
Zirconium	90-1	11462127	11319175	10966207	11249170	2.27	cps
Zirconium	91-1	2526361	2478084	2482487	2495644	1.07	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:54:49	DataFile Name :	174CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1407	1217	1087	1237	13.01	cps
Antimony	121-1	3007	2814	2360	2727	12.17	cps
Arsenic	75-2	57	57	20	44	47.63	cps
Barium	135-1	1473	1340	1057	1290	16.50	cps
Barium	137-1	2330	2270	2014	2205	7.63	cps
Beryllium	9-1	257	183	160	200	25.22	cps
Bismuth	209-1	9674229	9476286	9494996	9548504	1.14	cps
Bismuth	209-2	8343718	8346840	8468548	8386369	0.85	cps
Bromine	81-1	13273	13186	13730	13396	2.18	cps
Bromine	81-2	197	110	137	148	30.04	cps
Cadmium	108-1	23	33	37	31	22.31	cps
Cadmium	106-1	3684	3590	3550	3608	1.90	cps
Cadmium	111-1	2955	2866	2734	2852	3.90	cps
Calcium	43-1	1763	1777	1353	1631	14.75	cps
Calcium	44-1	32618	30260	26944	29941	9.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1260	1127	1163	1183	5.82	cps
Cobalt	59-2	467	413	360	413	12.90	cps
Copper	63-2	5658	5374	4928	5320	6.92	cps
Dysprosium	156-1	30	3	0	11	148.01	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	60	77	80	72	14.84	cps
Erbium	164-2	33	50	57	47	25.76	cps
Gadolinium	160-1	40	47	40	42	9.12	cps
Gadolinium	160-2	647	610	580	612	5.45	cps
Holmium	165-1	15395031	15042899	15427228	15288386	1.39	cps
Holmium	165-2	11390047	11241279	11282741	11304689	0.68	cps
Indium	115-1	12705864	12300777	12453972	12486871	1.64	cps
Indium	115-2	4674641	4644271	4632141	4650351	0.47	cps
Iron	56-2	73264	66118	58734	66039	11.00	cps
Iron	57-2	2237	2060	1923	2073	7.58	cps
Iron	54-2	5141	4881	4464	4829	7.07	cps
Krypton	83-1	233	270	160	221	25.33	cps

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:54:49	DataFile Name :	174CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5378	4788	4234	4800	11.92	cps
Lead	207-1	4691	4324	3747	4254	11.18	cps
Lead	208-1	21046	19546	16724	19105	11.49	cps
Lithium	6-1	1617043	1578001	1664441	1619828	2.67	cps
Magnesium	24-2	10764	9570	8269	9534	13.09	cps
Manganese	55-2	2257	1870	1800	1976	12.45	cps
Molybdenum	94-1	4594	4264	3627	4162	11.81	cps
Molybdenum	95-1	6231	5521	4744	5499	13.53	cps
Molybdenum	96-1	6778	6268	5394	6147	11.39	cps
Molybdenum	97-1	4094	3550	2724	3456	19.97	cps
Molybdenum	98-1	9960	8916	7502	8793	14.03	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	560	617	553	577	6.04	cps
Phosphorus	31-2	113	133	133	127	9.12	cps
Potassium	39-2	61212	58703	58472	59462	2.56	cps
Rhodium	103-1	11492993	11306138	11326613	11375248	0.90	cps
Rhodium	103-2	7049932	6923731	7090829	7021497	1.24	cps
Scandium	45-1	6530874	6420780	6471399	6474351	0.85	cps
Scandium	45-2	552261	553128	553826	553072	0.14	cps
Selenium	82-1	181	160	206	182	12.54	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	427	383	350	387	9.94	cps
Silicon	28-1	573502	571579	573582	572888	0.20	cps
Silver	107-1	2296	1908	1719	1974	14.90	cps
Silver	109-1	2097	1867	1693	1886	10.73	cps
Sodium	23-2	40767	38014	36089	38290	6.14	cps
Strontium	86-1	630	720	673	674	6.67	cps
Strontium	88-1	3520	3027	2584	3044	15.40	cps
Sulfur	34-1	185046	186600	189651	187099	1.25	cps
Terbium	159-1	15777074	15745190	15551674	15691313	0.78	cps
Terbium	159-2	11081359	11069680	11252549	11134529	0.92	cps
Thallium	203-1	1777	1547	1293	1539	15.71	cps
Thallium	205-1	3884	3801	3314	3666	8.40	cps
Tin	118-1	3237	3164	3220	3207	1.20	cps
Titanium	47-1	1547	1423	1113	1361	16.40	cps

1000

Reviewed By:Mohan
On:12/20/2024
11:40:38 PM
Inst Id :P7

LB Number :	LB134025	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 00:54:49	DataFile Name :	174CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3167	3057	2317	2847	16.24	cps
Vanadium	51-2	203	190	163	186	10.98	cps
Yttrium	89-1	14347227	14223805	14097692	14222908	0.88	cps
Yttrium	89-2	3864780	3856695	3834067	3851847	0.41	cps
Zinc	66-2	1037	1060	903	1000	8.45	cps
Zirconium	90-1	2740	2507	2320	2522	8.34	cps
Zirconium	91-1	657	513	430	533	21.50	cps

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Prep Standard - Chemical Standard Summary

Order ID : P5187

Test : Metals CLP MS

Prepbatch ID : PB165674,

Sequence ID/Qc Batch ID: LB134025,

Standard ID :
MP83498,MP83499,MP83619,MP83620,MP83621,MP83622,MP83623,MP83625,MP83626,MP83627,MP83628,MP836
29,MP83630,MP83631,MP83632,MP83633,MP83634,MP83635,MP83636,MP83670,MP83671,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5476,M5497,M5498,M5513,M5515,M5516,M5519,M5658,M5697,M5698
,M5739,M5751,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M582
0,M5873,M5874,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M5993,M5999,M6021,M6023,M6025,M6028,M60
30,M6033,M6055,M6121,M6126,W3112,

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Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP83498	12/09/2024	12/28/2024	Janvi Patel	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6126 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP83499	12/09/2024	12/28/2024	Eman Mughal	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6121 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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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)	MP83619	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 25.00000ml of M6121 + 4925.00000ml of W3112 + 50.00000ml of M6126 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP83620	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.10000ml of M5476 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6126 + 2.00000ml of M5815 + 2.00000ml of M5817 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6121 + 50.00000ml of M5304 + 832.50000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5751 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5769 + 9.90000ml of M5806 = 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
3948	S6(SFAM,6020,200.8)	MP83621	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 48.50000ml of W3112 + 50.00000ml of MP83620 = 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)	MP83622	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 73.50000ml of W3112 + 25.00000ml of MP83620 = 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)	MP83623	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 86.00000ml of W3112 + 12.50000ml of MP83620 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP83625	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83621 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP83626	12/13/2024	01/07/2025	Sarabjit Jaswal	None	None	Mohan Bera 12/17/2024

FROM 0.05000ml of M5476 + 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 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 M6121 + 226.25000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP83627	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 98.00000ml of W3112 + 0.50000ml of MP83626 = 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
3957	S1(SFAM,6020,200.8)	MP83628	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83627 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP83629	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP83619 = 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
1142	ICSA ICPMS	MP83630	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP83631	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83619 = 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
3961	CCV	MP83632	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5476 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 10.00000ml of M6126 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5516 + 24.95000ml of M5769 + 25.00000ml of M5304 + 4.50000ml of M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.50000ml of M5976 + 4.50000ml of M5978 + 4.95000ml of M6033 + 5.00000ml of M6121 + 826.10000ml of W3112 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP83633	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.01000ml of M5769 + 9.99000ml of MP83619 = 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	MP83634	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP83633 + 96.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP83635	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 5.00000ml of M6126 + 75.00000ml of M5739 + 170.00000ml of MP83619 = 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
2902	S8 ICPMS	MP83636	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5516 + 5.00000ml of M5769 + 79.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3963	CONC.LCSW SPIKE	MP83670	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

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 M5289 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.25000ml of M5192 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.00000ml of M5515 + 1.25000ml of M5816 + 1.25000ml of M5820 + 2.50000ml of M5497 + 2.50000ml of M5519 + 2.50000ml of M5768 + 2.50000ml of M5806 + 2.50000ml of M6121 + 225.50000ml of W3112 + 5.00000ml of M6126 = 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
870	ICPMS SPIKE SOL.B	MP83671	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.45000ml of M5962 + 5.00000ml of M5993 + 5.00000ml of M5999 + 39.55000ml of MP83619 = Final Quantity: 50.000 ml

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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	02/05/2025	08/07/2024 / jaswal	04/20/2021 / bin	M5295

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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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	08/29/2025	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	03/18/2023 / bin	03/17/2023 / bin	M5497

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.	58111 / Na, 10000 PPM, 500 ml	022123	11/06/2025	11/06/2024 / kareem	03/17/2023 / bin	M5516

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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 #
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.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

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	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.	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

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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

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

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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

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

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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

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 #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	V2-MEB742036	03/12/2029	10/04/2024 / Jaswal	02/22/2024 / Jaswal	M5993

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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

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	11/09/2026	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	08/05/2024 / 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

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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)	0000275677	05/13/2025	11/13/2024 / Eman	10/13/2024 / Eman	M6121

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)	24D1062002	06/03/2025	12/03/2024 / Janvi	11/12/2024 / Janvi	M6126

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

Certificate of Analysis

Refine your results. Redefine your industry. R: 02/22/24 M5991, M5992, M5993, M5994, M5995

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:	CLPP-SPK-4
Lot Number:	V2-MEB742036
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	100.0 ± 0.7 µg/mL	Arsenic, As	40.00 ± 0.26 µg/mL
Cadmium, Cd	50.00 ± 0.22 µg/mL	Lead, Pb	20.00 ± 0.09 µg/mL
Selenium, Se	10.00 ± 0.04 µg/mL	Thallium, Tl	50.00 ± 0.22 µg/mL

Density: 1.016 g/mL (measured at 20 ± 4 °C)

Assay Information:

1023

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



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R 8/15/24

M6028

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1027

CERTIFIED WEIGHT REPORT:

Part Number: 57048
Lot Number: 070124
Description: Cadmium (Cd)

Expiration Date: 070127
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.07

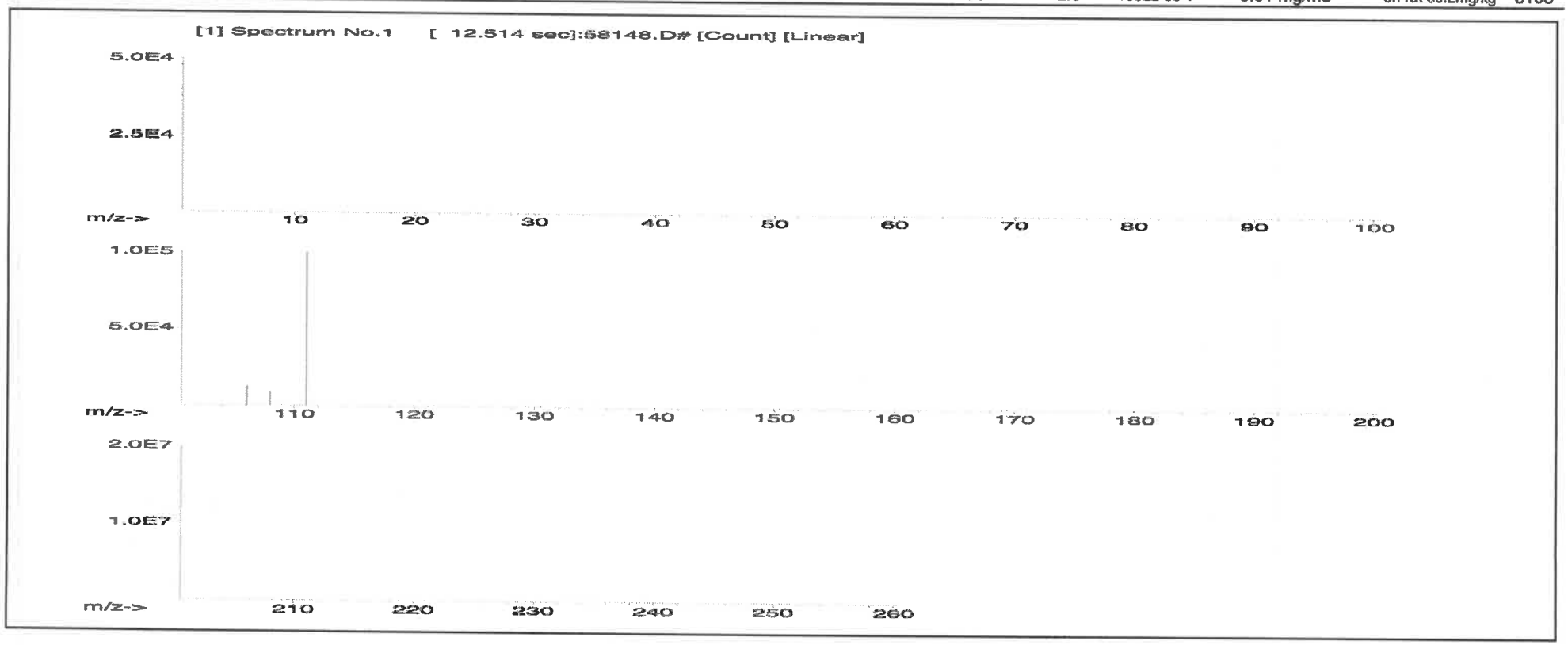
		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
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



1028

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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R: 8/5/24 M6025

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1029

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

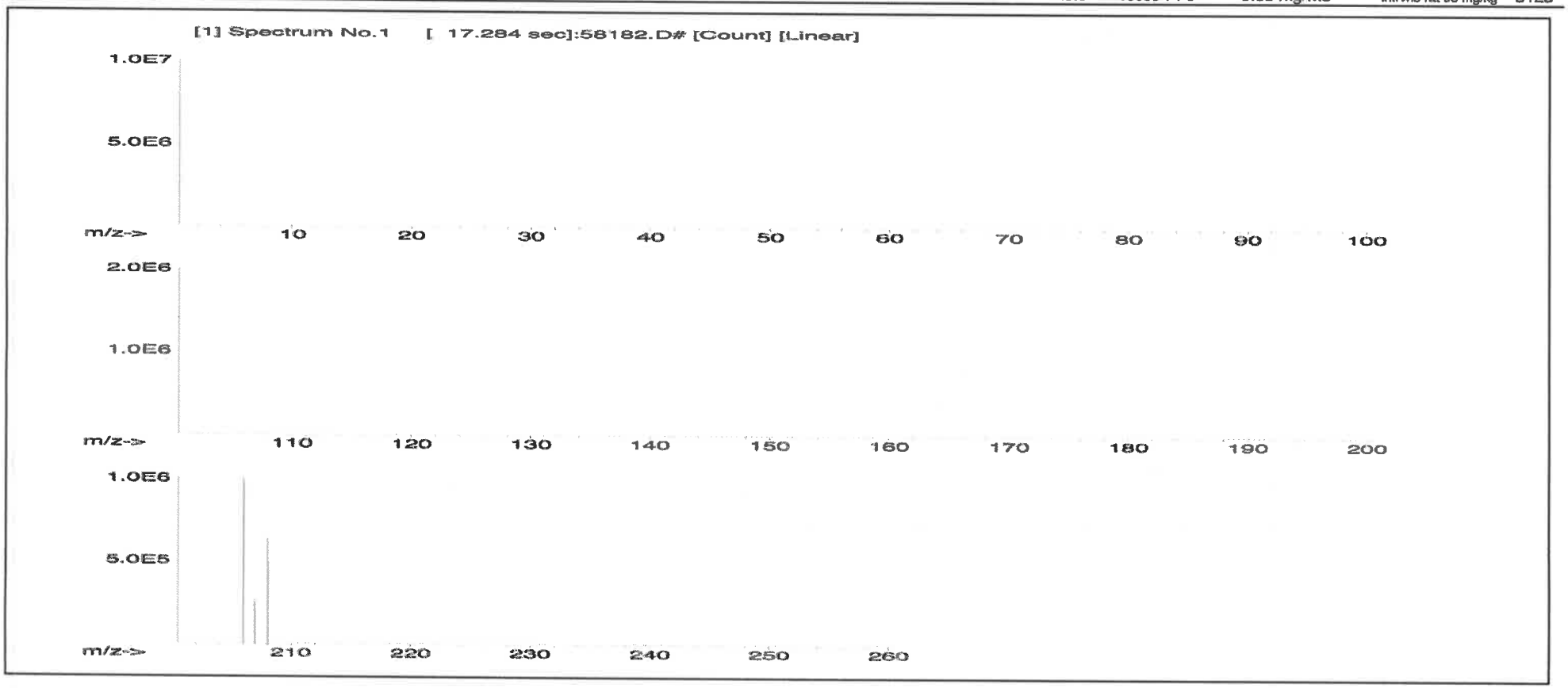
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		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



1030

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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Certified Reference Material CRM

M5192 R: 06/17/22

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1031

CERTIFIED WEIGHT REPORT:

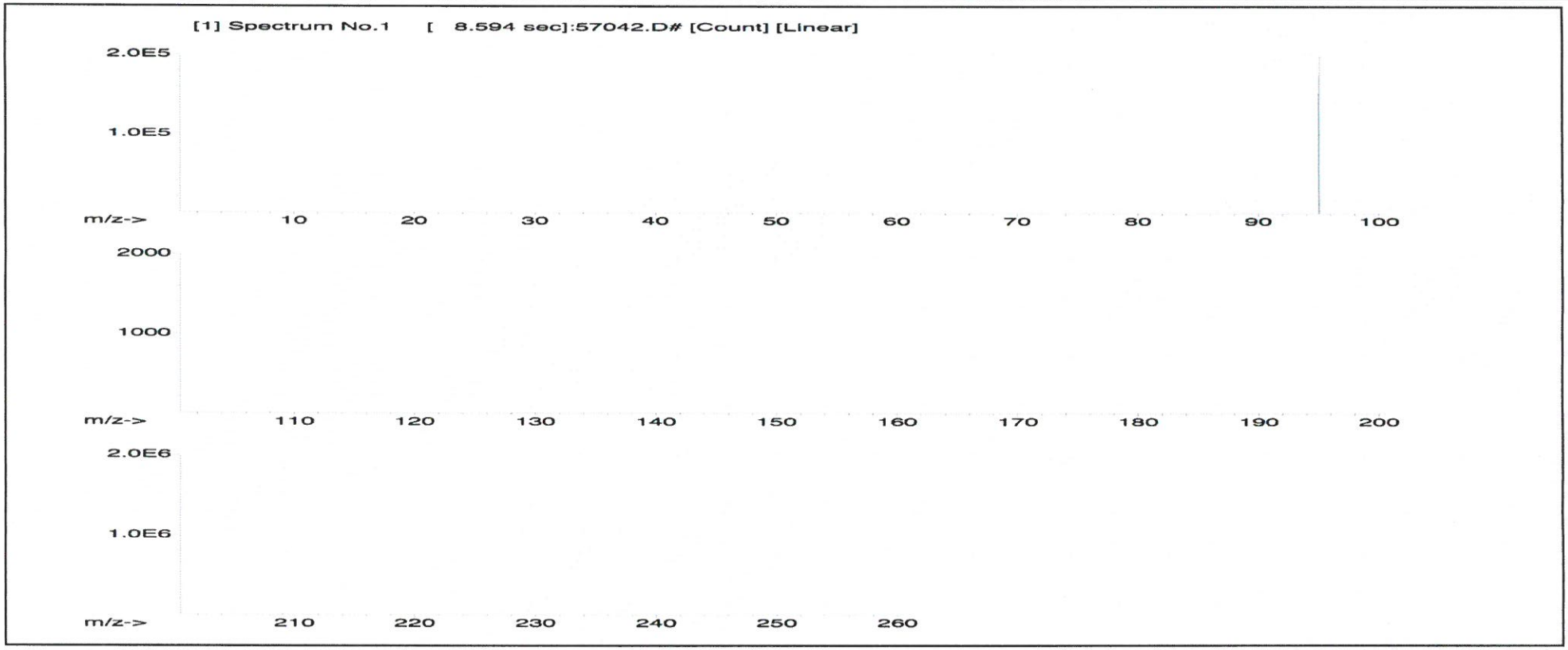
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

Lot #	Solvent:		
MKBQ8597V	Ammonium hydroxide		
0.5%	15.0 (mL)	Ammonium hydroxide	

Expiration Date: 051725
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 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



1032

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).

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Certified Reference Material CRM

M5288 R: 07/21/2022

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CERTIFIED WEIGHT REPORT:

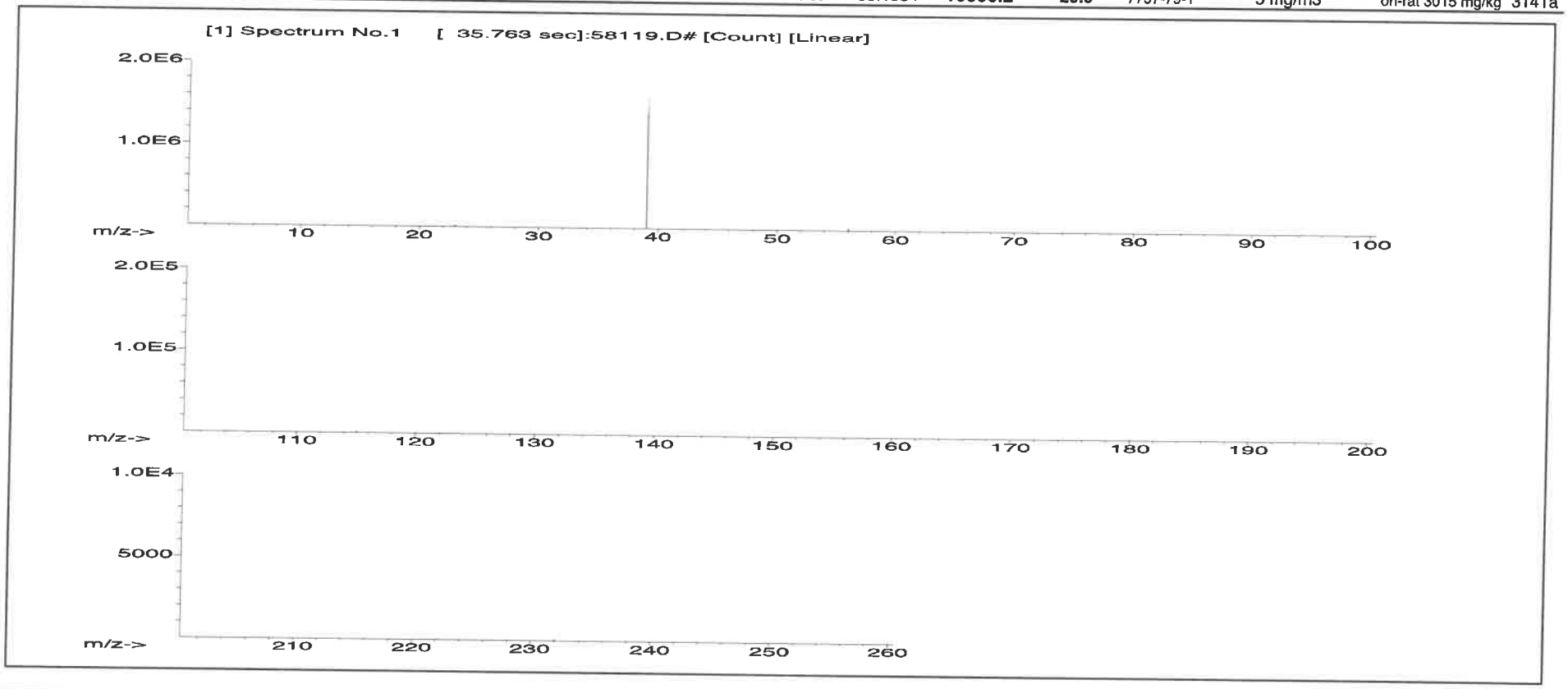
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

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



1033

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).

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M5289 R: 07/12/22 BH

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AR-1539 Certificate Number
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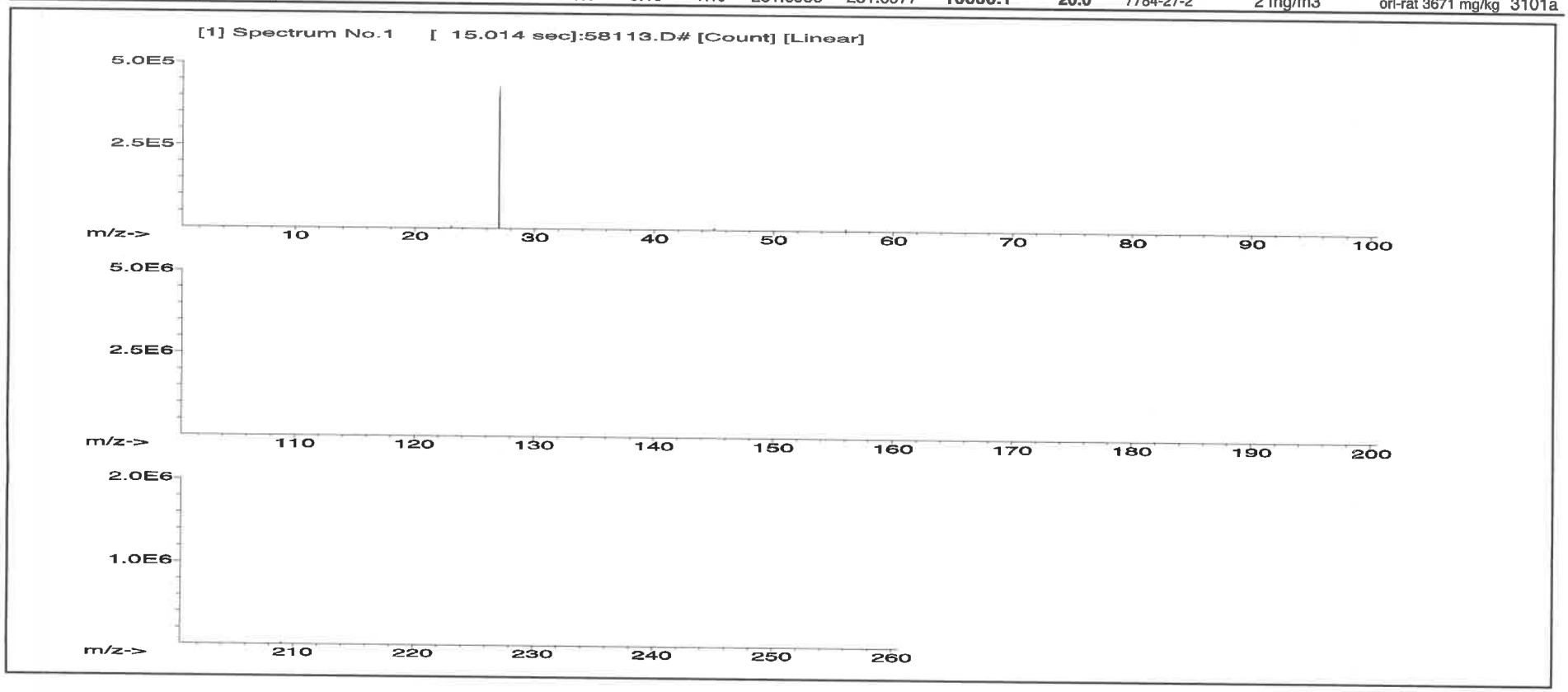
1035

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



1036

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

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

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Certificate of Analysis

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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:	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**

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:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

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

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

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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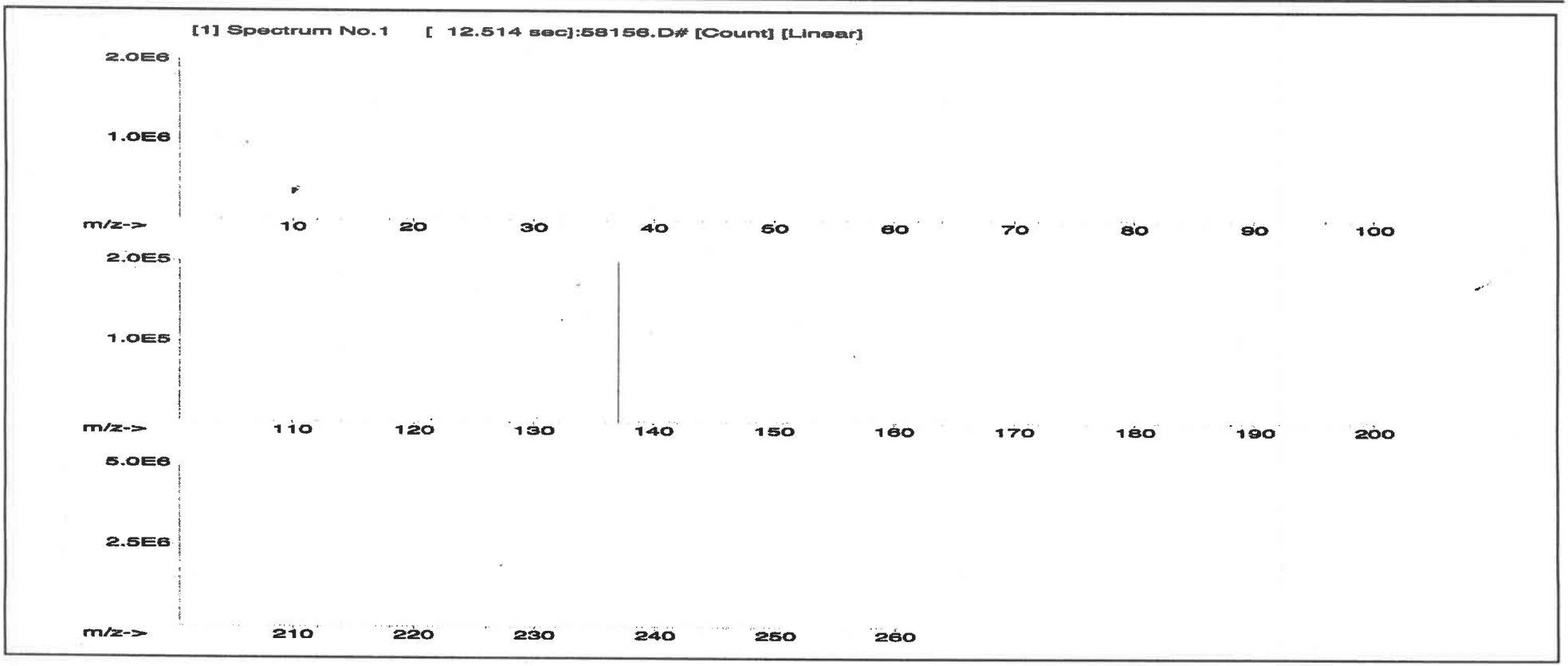
CERTIFIED WEIGHT REPORT:

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.
* 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

IN5497 - IN5498 R: 03/17/23 BH

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

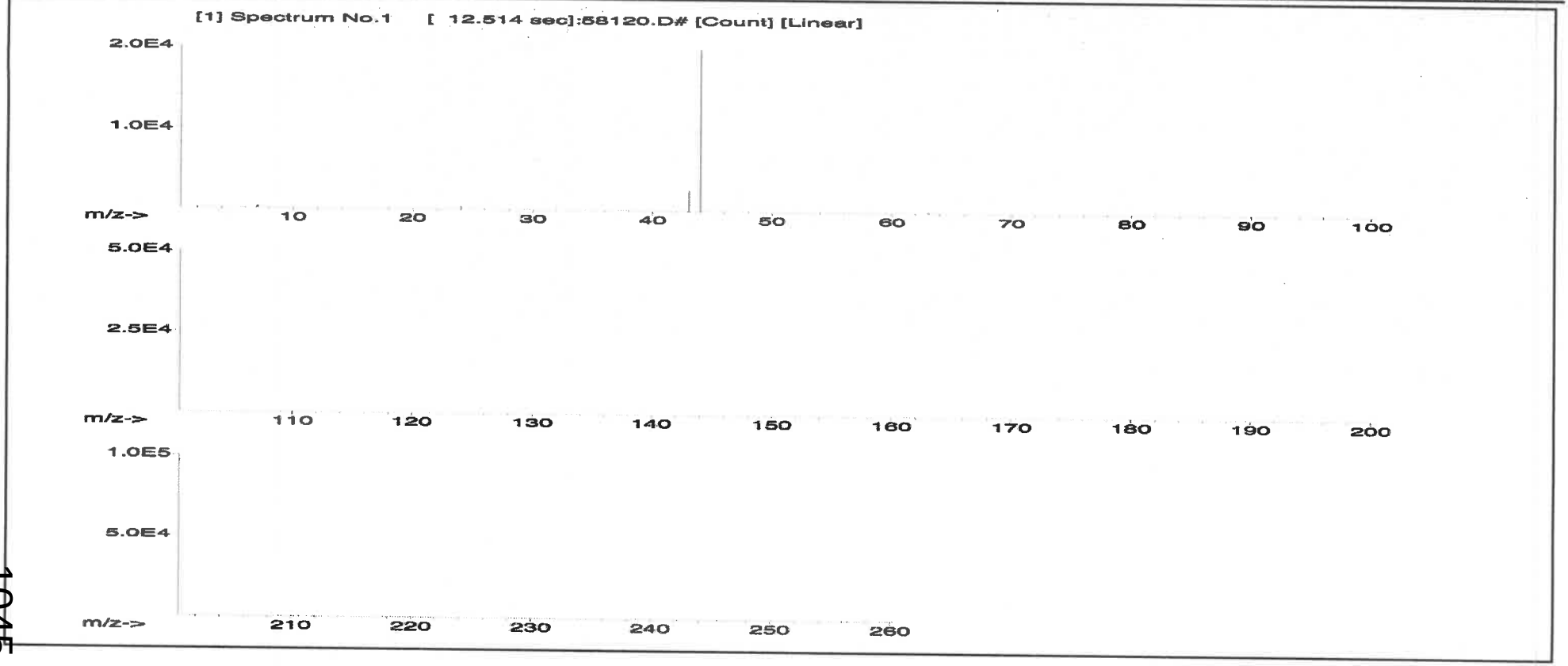
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

		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



1045

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).

10046

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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

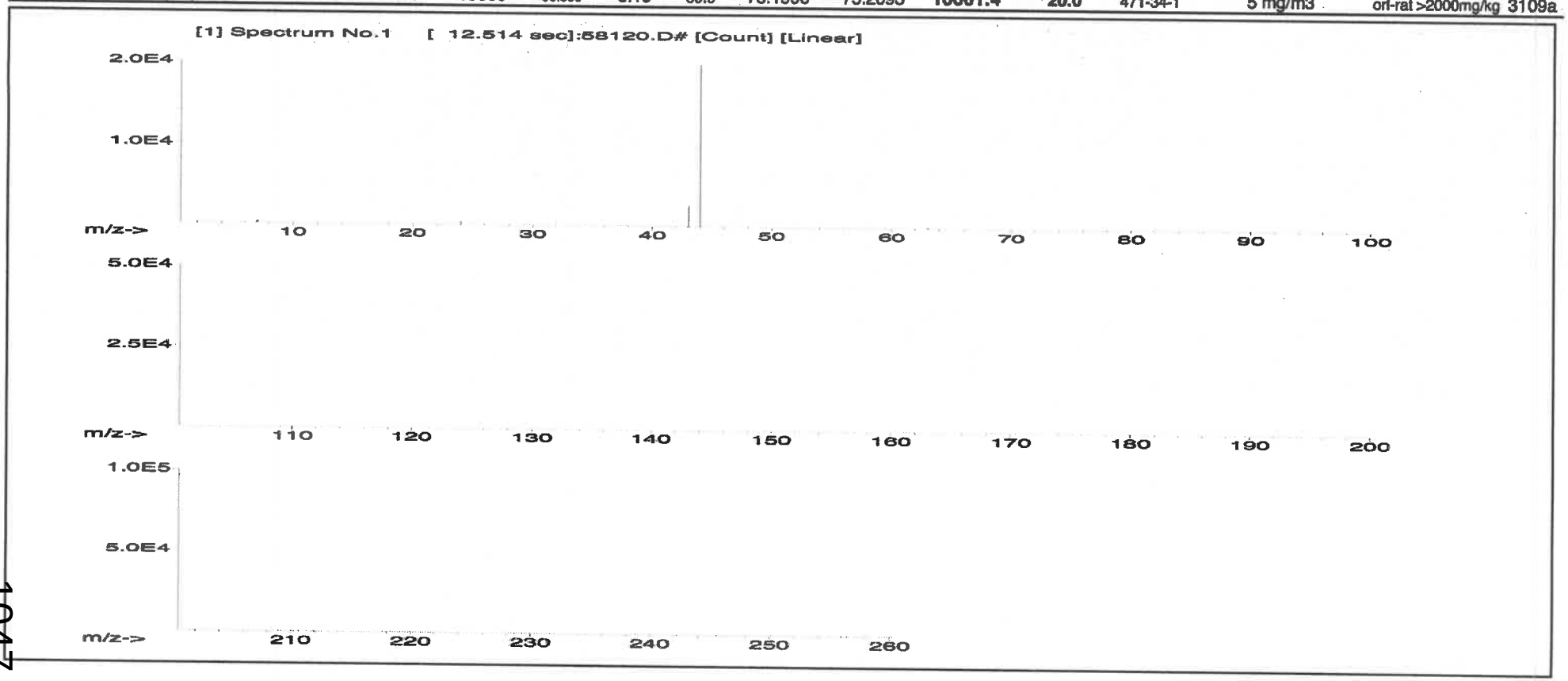
Giovanni Esposito

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



1047

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.
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* 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).

10048

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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

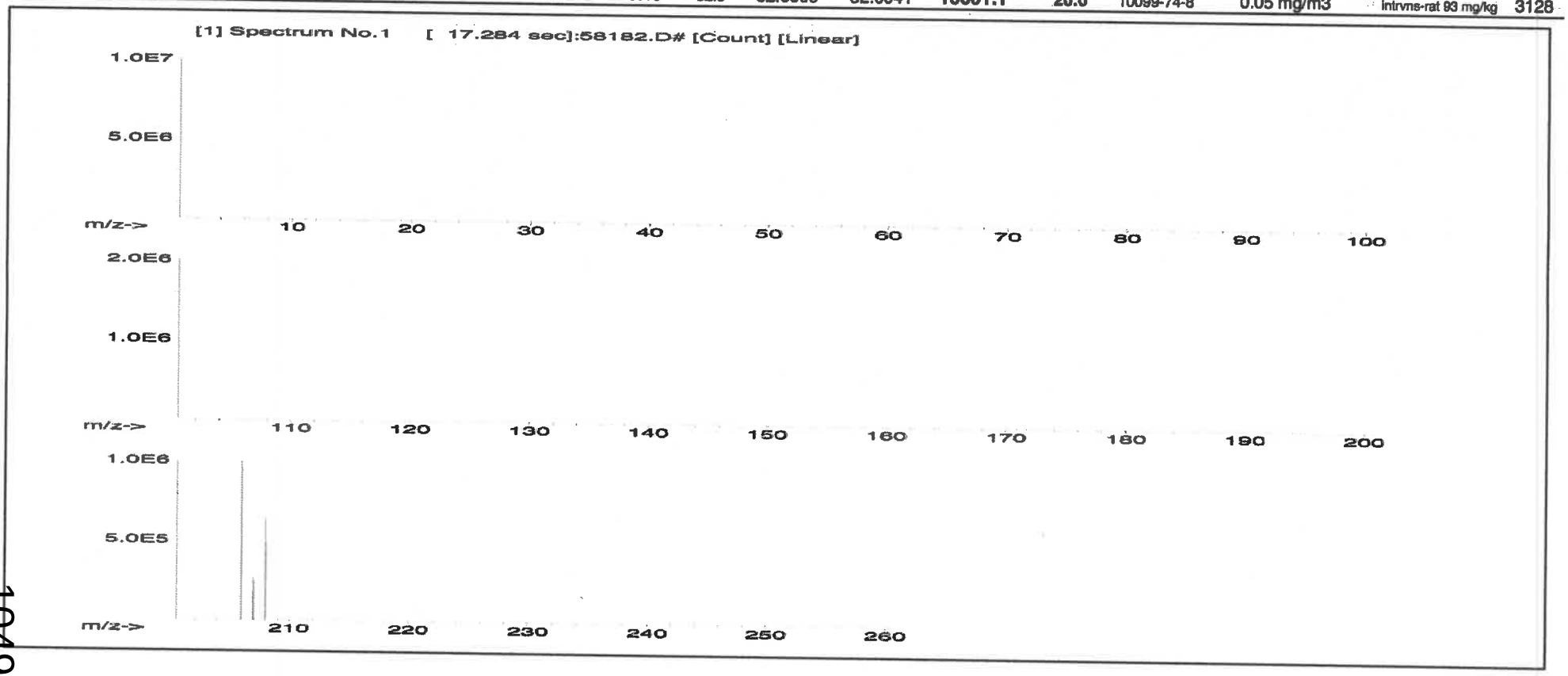
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



1049

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.

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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).

T050

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1051

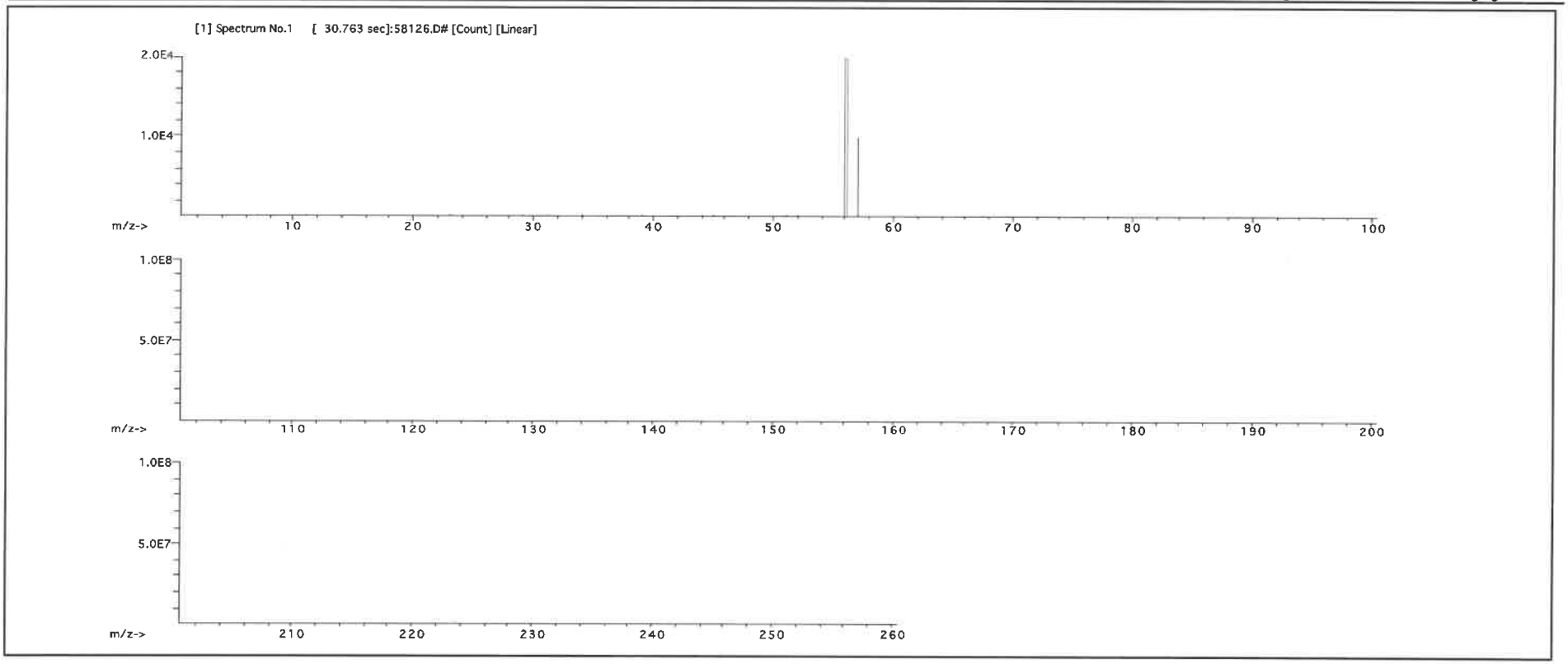
CERTIFIED WEIGHT REPORT:

Part Number:	**58126**		**Lot #**		
Lot Number:	**092122**		**Solvent:**	20510011	Nitric Acid
Description:	**Iron (Fe)**		7.0%	350.0 (mL)	Nitric Acid
Expiration Date:	092125				
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):	5000.1	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



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:

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).

10052

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M546 M517 R: 03/17/22 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 022123
Description: Sodium (Na)

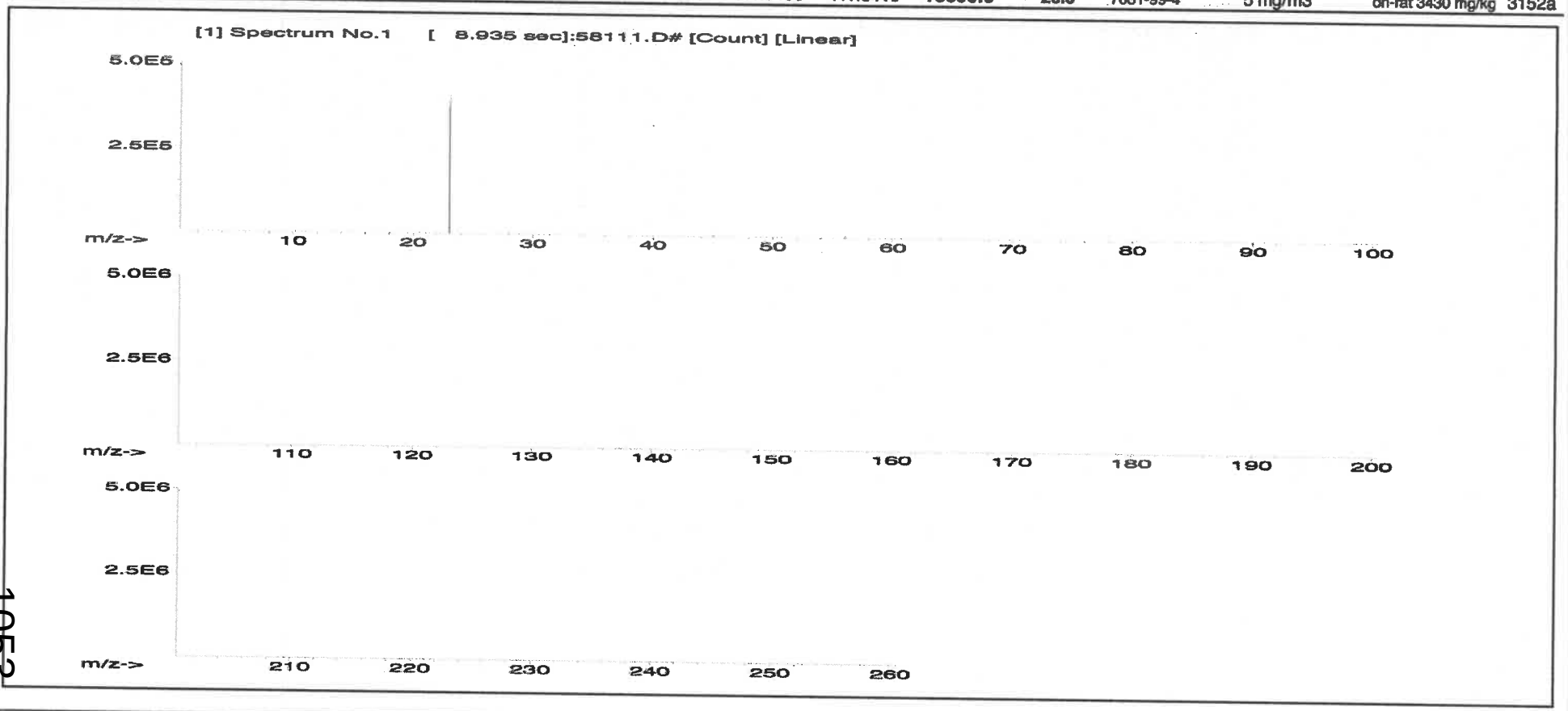
Expiration Date: 022126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 0.06 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	022123
Reviewed By:	Pedro L. Rentas	022123

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	111.5410	**10000.0**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



1053

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:

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).

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1055

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 ± 0.06 Flask Uncertainty

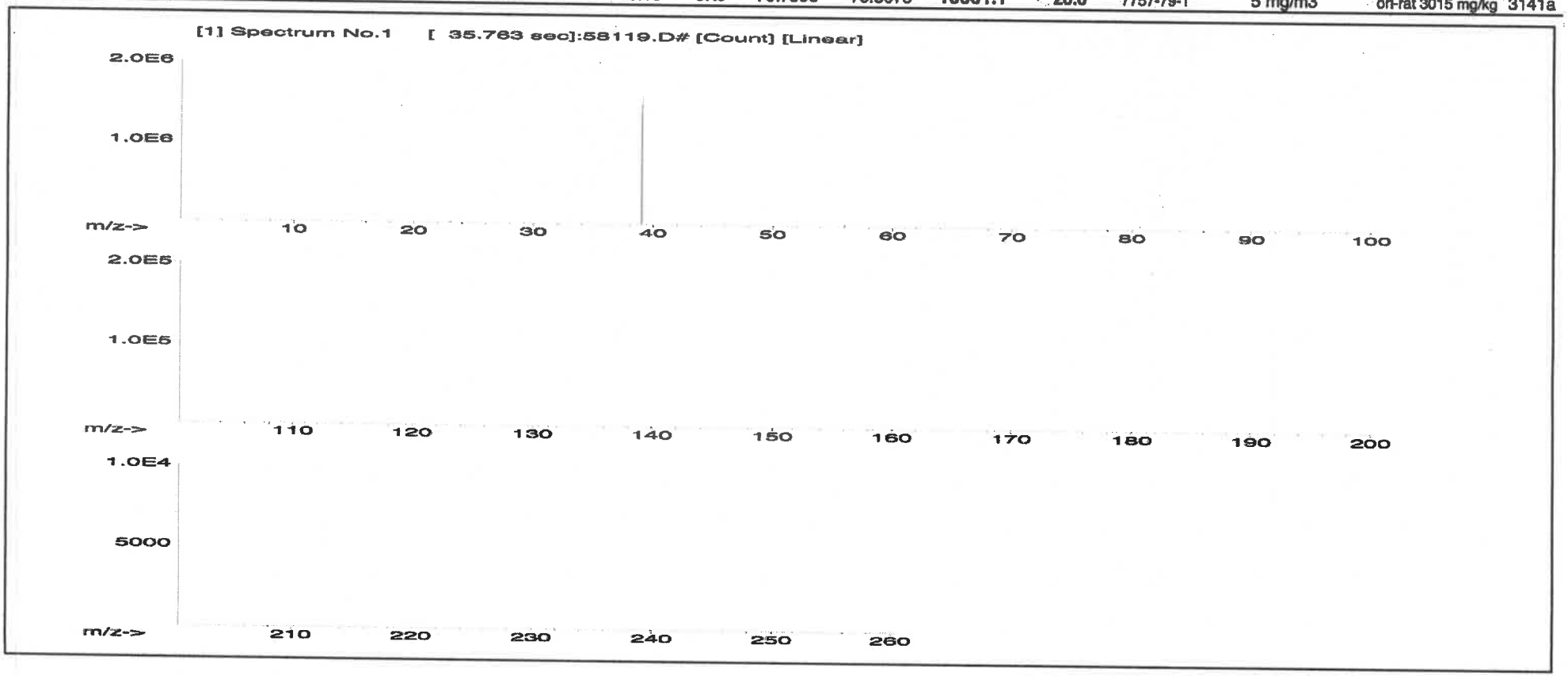
		Lot #	
Solvent:	20510011		Nitric Acid
2%	60.0 (mL)		Nitric Acid

5E-05 Balance 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



10566

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:

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).

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M5658 R ! 8/25/23

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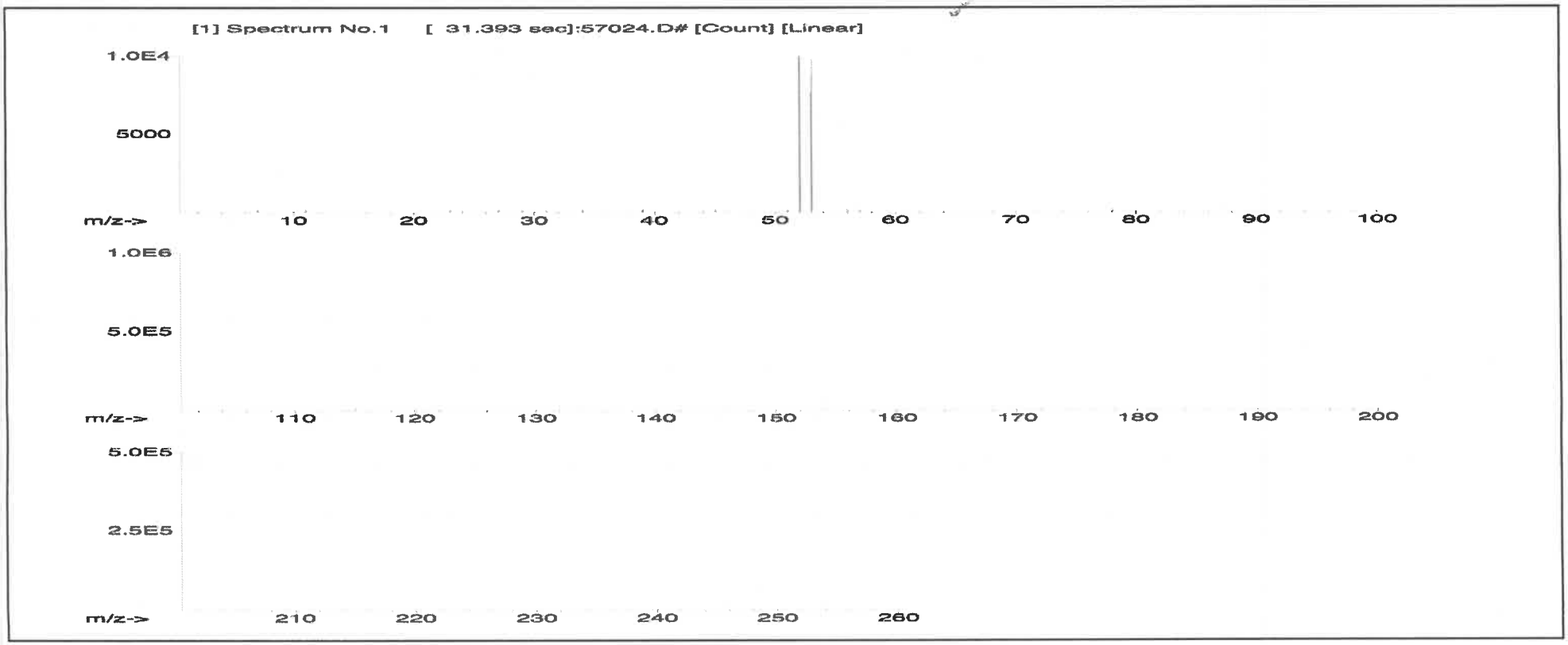
1057

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



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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M5697 R: 10/27/23

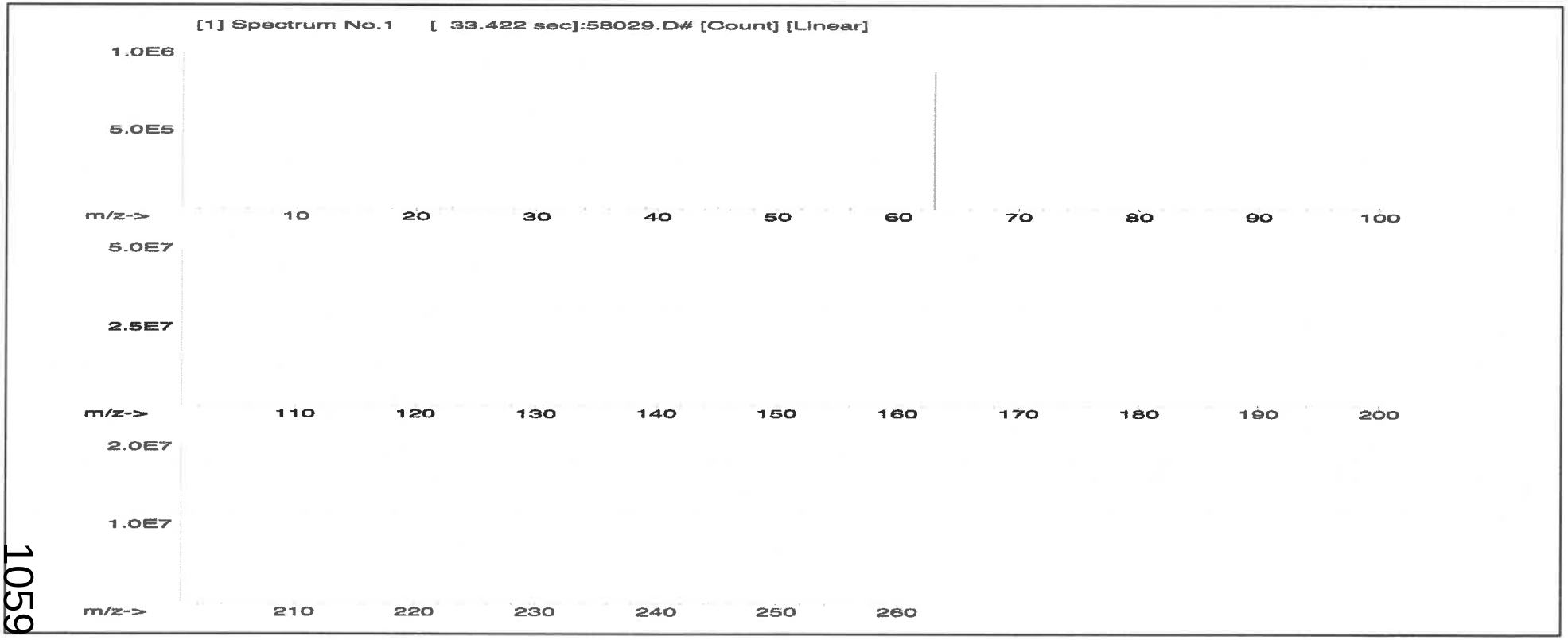
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**58029**	24002546	Nitric Acid		
Lot Number:	**102523**				
Description:	**Copper (Cu)**				
		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. Copper(II) nitrate trihydrate (Cu)	58129	100223	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



1059

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:

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).

ISO 17034

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M5648 R: 10/27/23

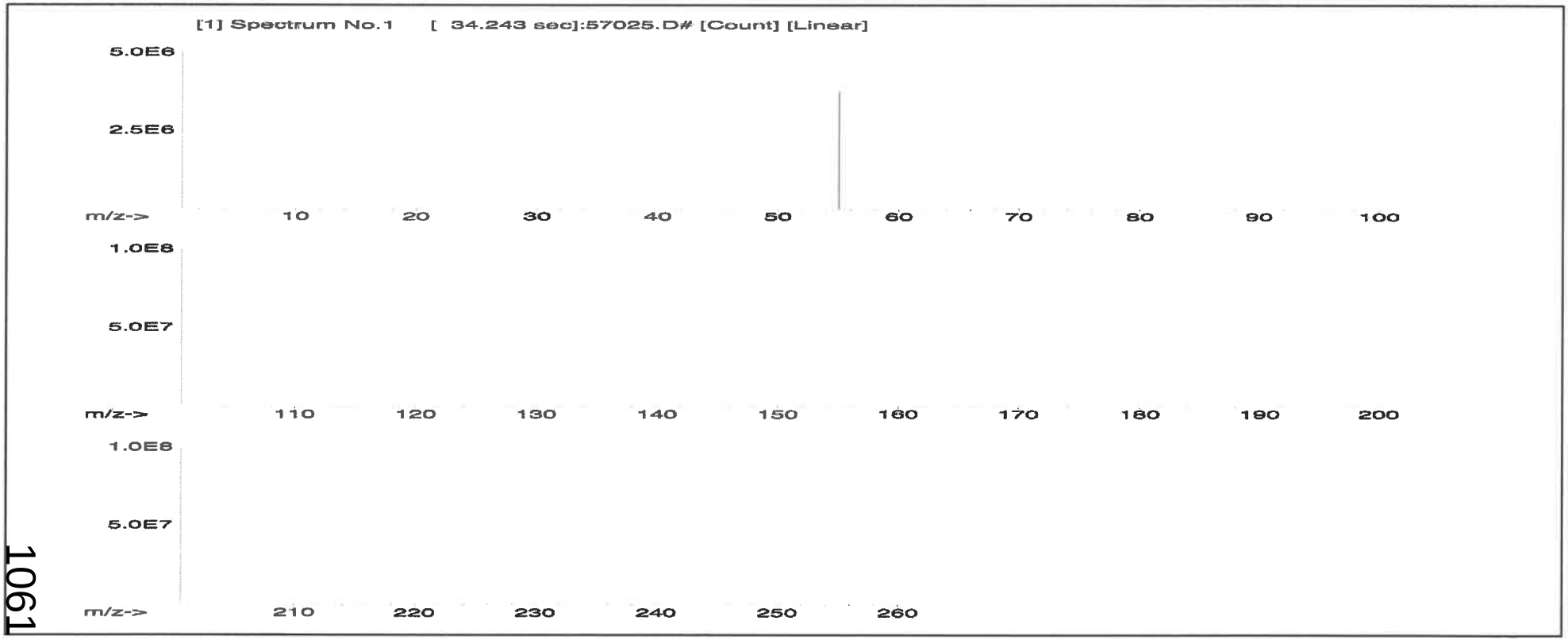
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CERTIFIED WEIGHT REPORT:

		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



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).
* 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).

LOT 62

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R: 8/25/23 M5751

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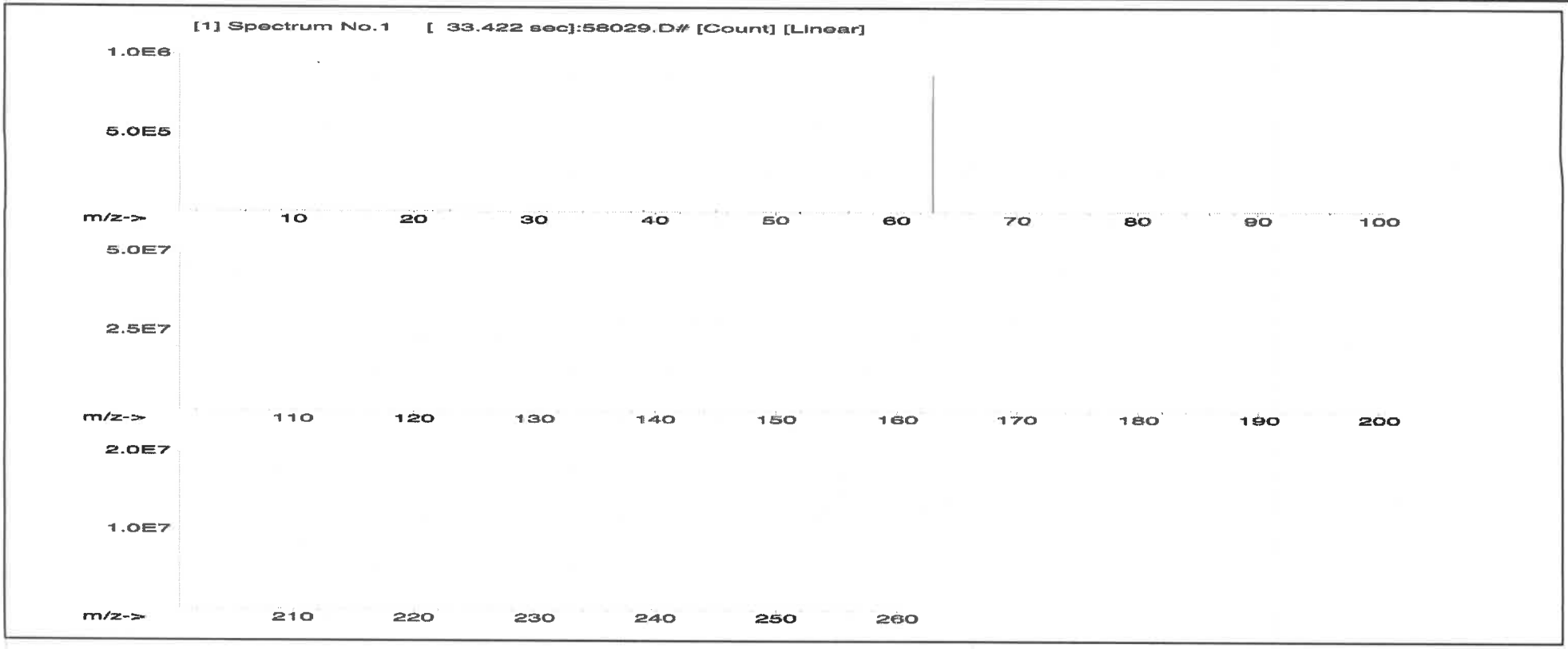
1063

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



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:

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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M5768 M5769 (BP) R:1/3/24

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1065

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

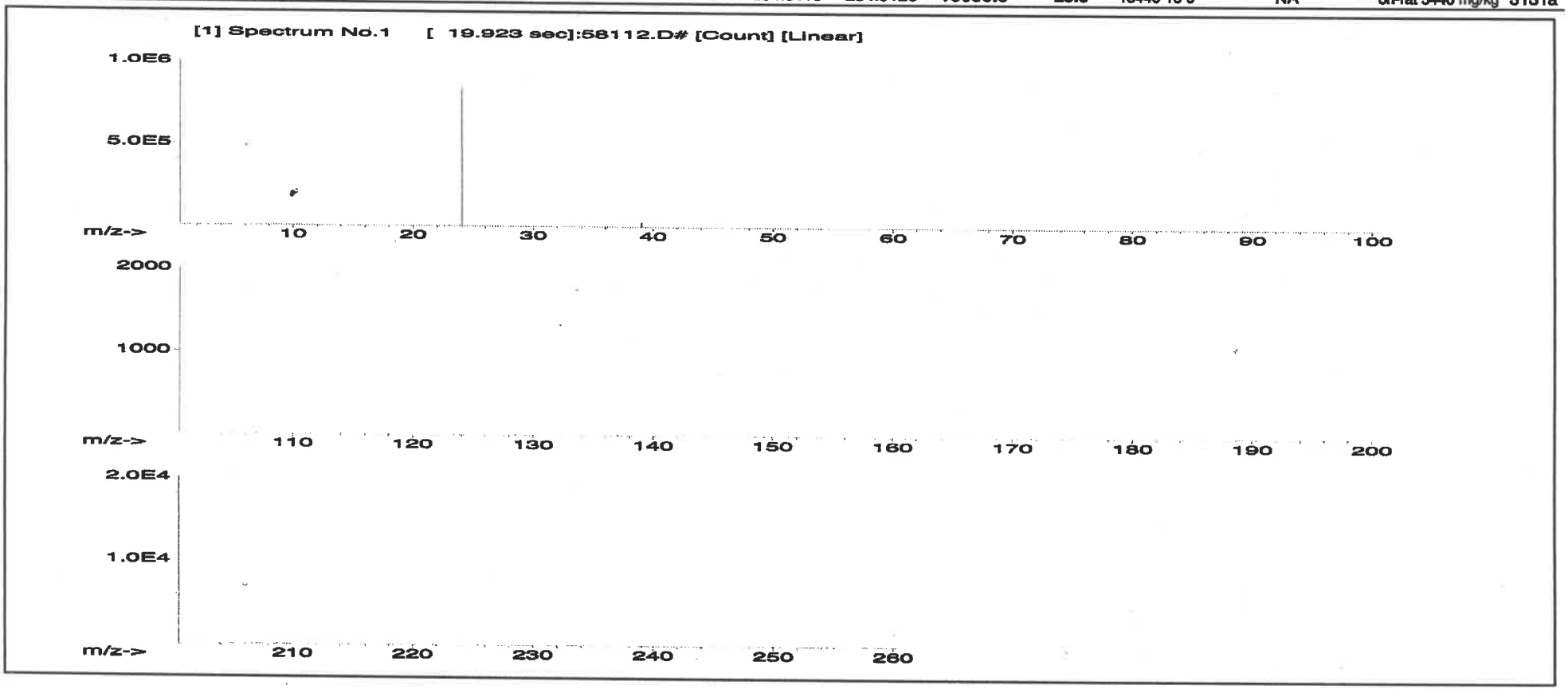
5E-05 Balance Uncertainty

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	ori-rat 5440 mg/kg	3131a



10669

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:

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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M5768 M5769 (BP) R:1/3/24

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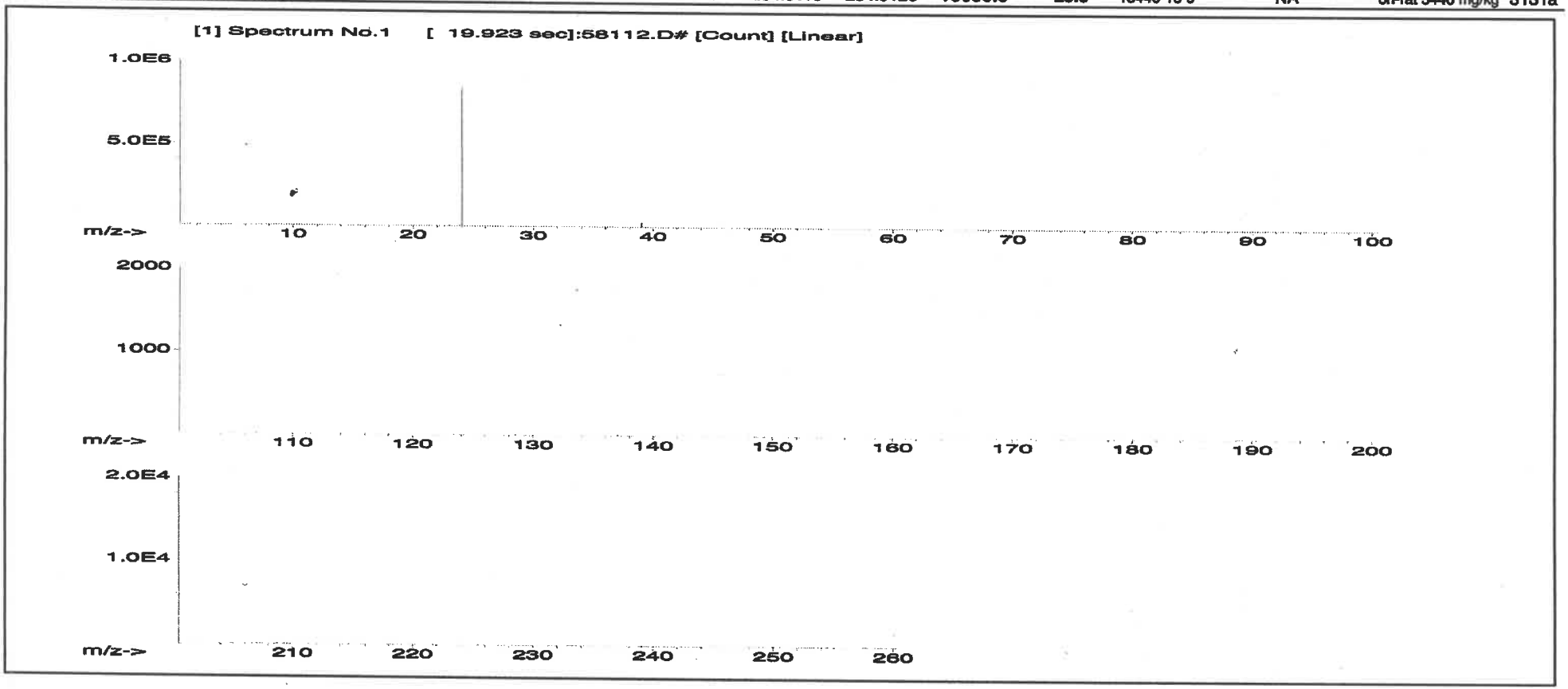
1067

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**58112**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**091823**			
Description:	**Magnesium (Mg)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	091826			
Recommended Storage:	Ambient (20 °C)	M5768, M5769 (BP) R: 1/3/24		
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	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



1068

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:

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).

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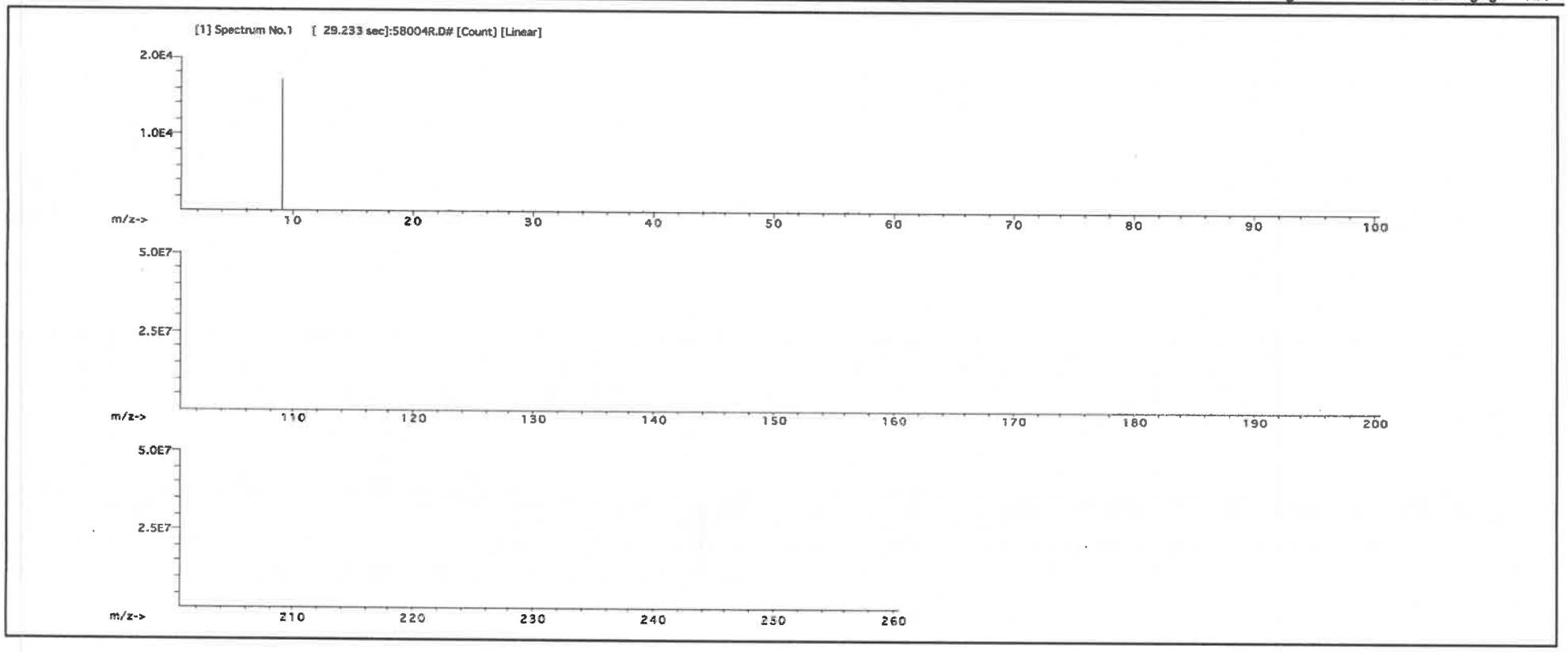
1069

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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* 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).

1070

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1071

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

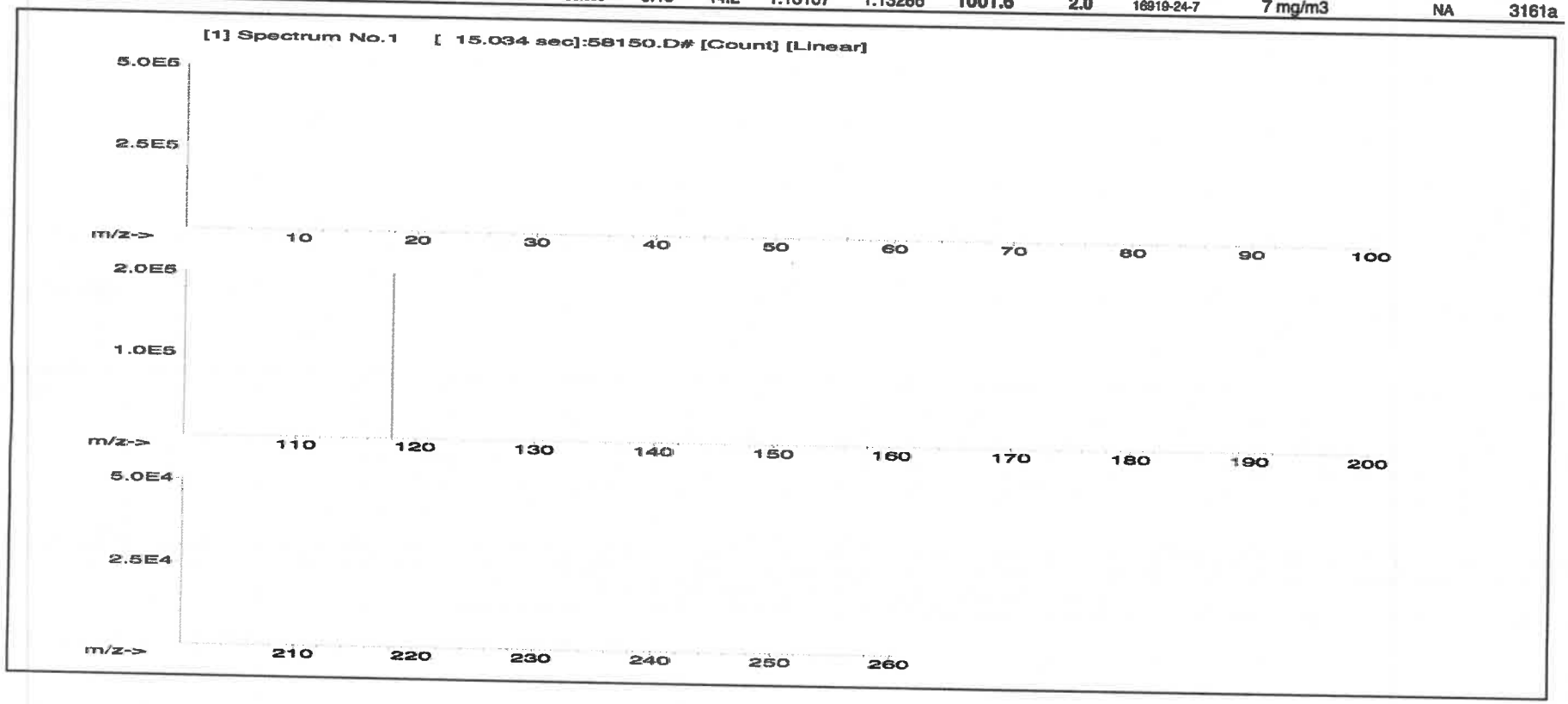
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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



1072

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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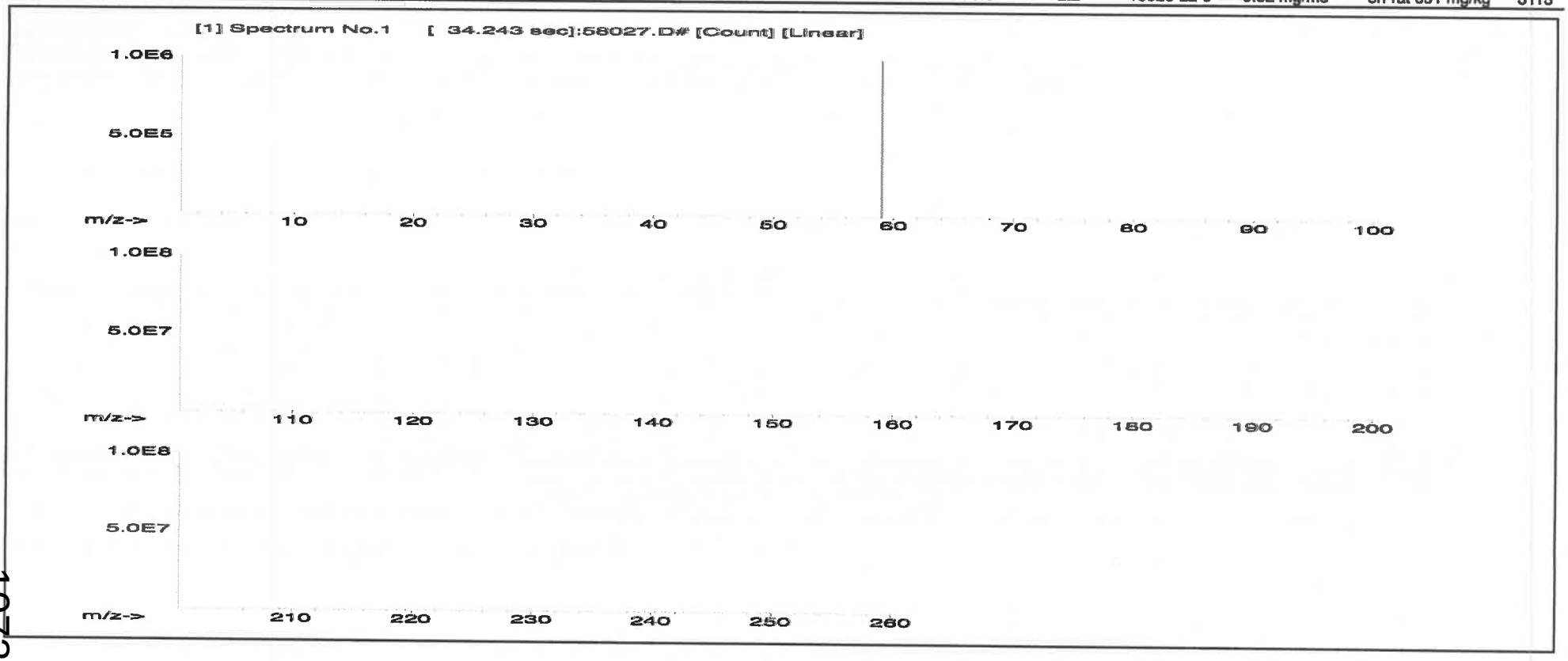
CERTIFIED WEIGHT REPORT:

		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



1073

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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* 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).

1074

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1075

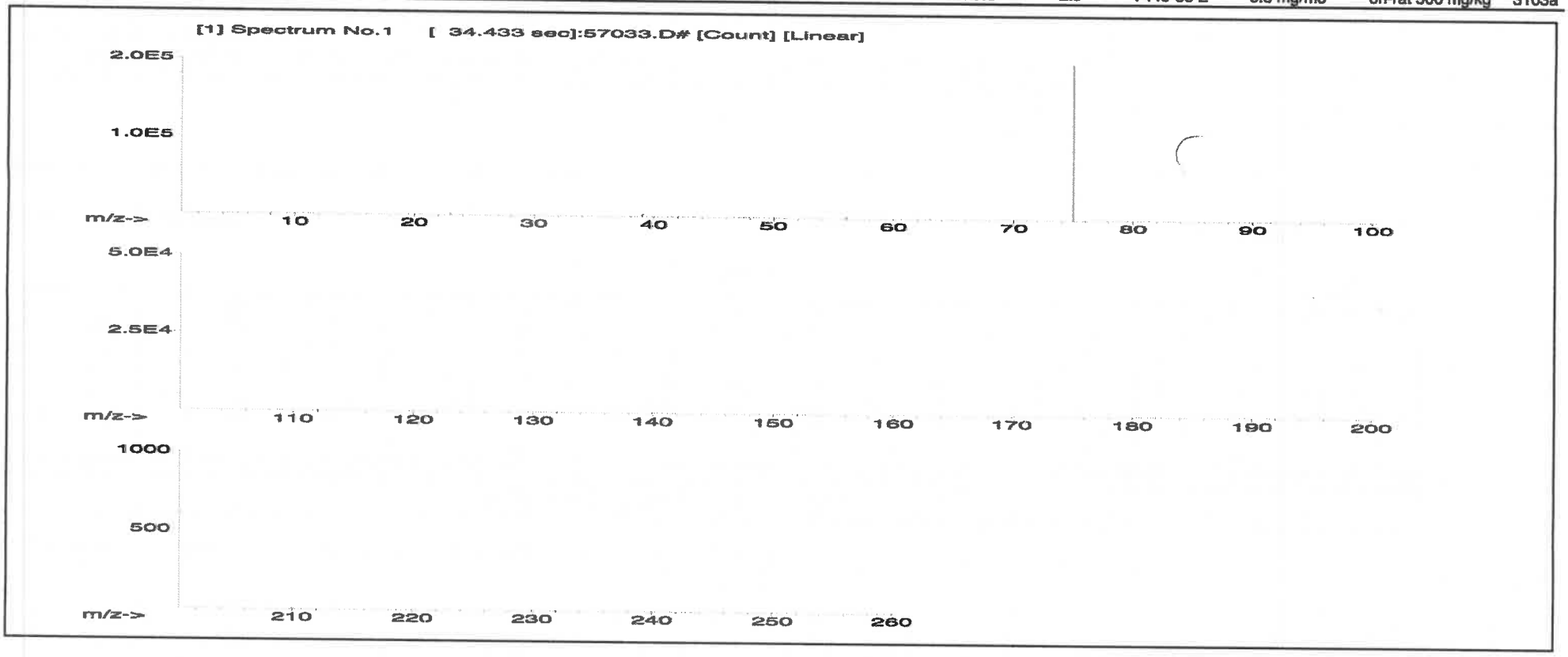
CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**				
Lot Number:	**111323**	24002546	Nitric Acid		
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



1076

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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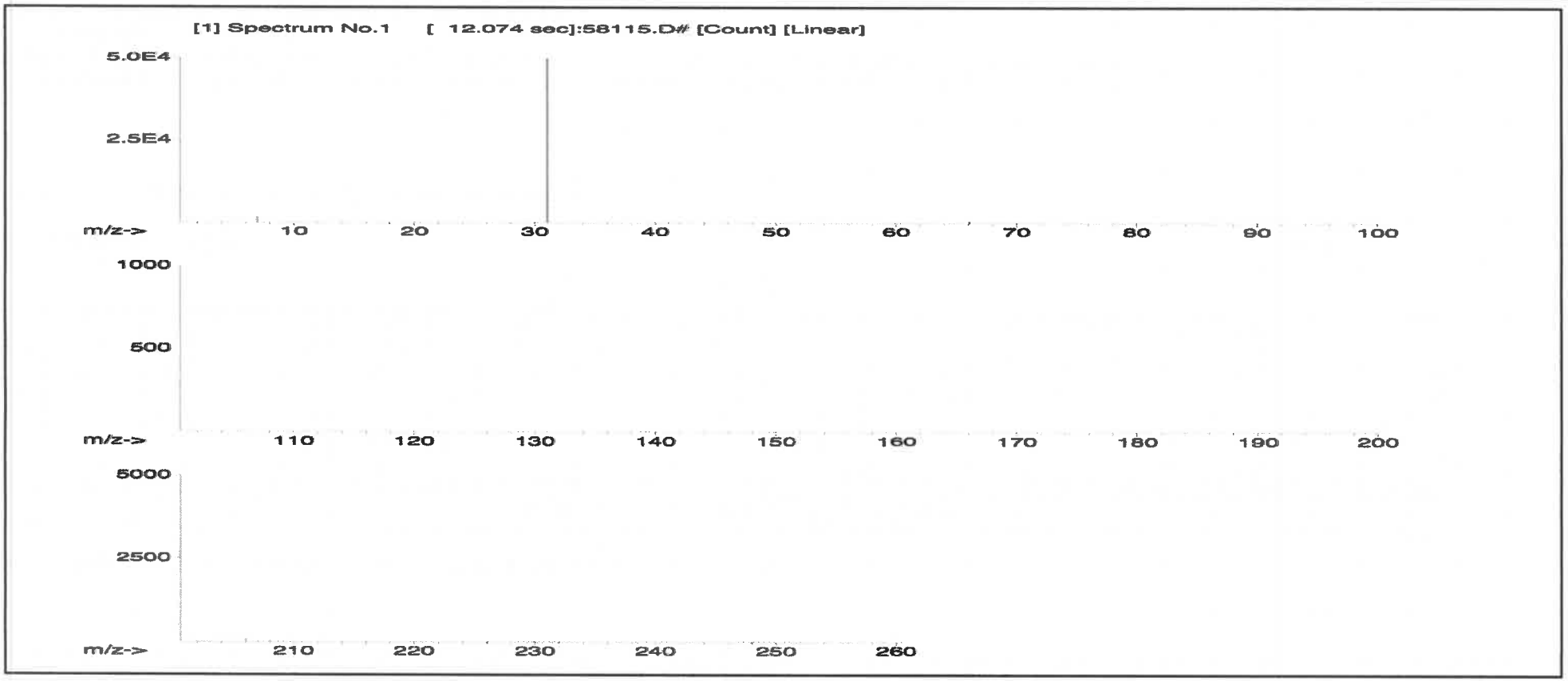
1077

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



10788

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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* 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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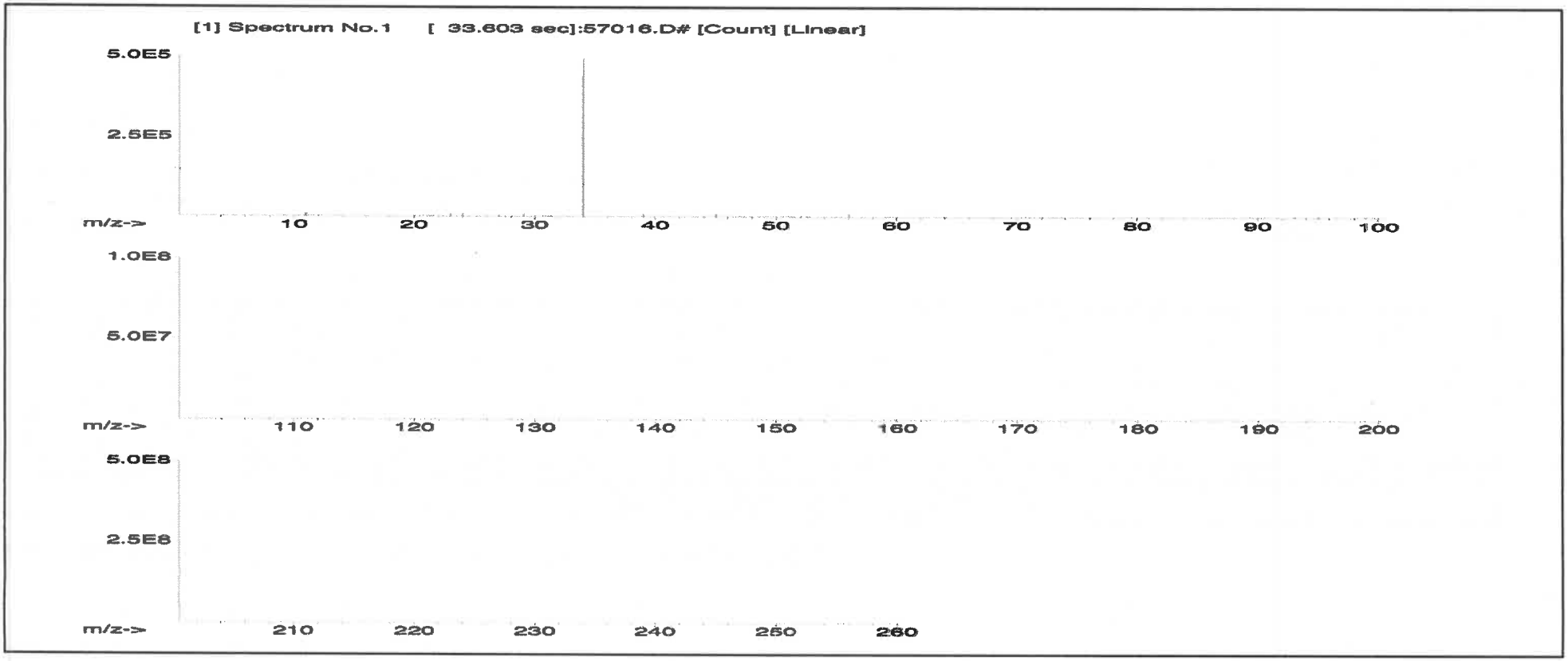
1079

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



1080

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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1081

CERTIFIED WEIGHT REPORT:

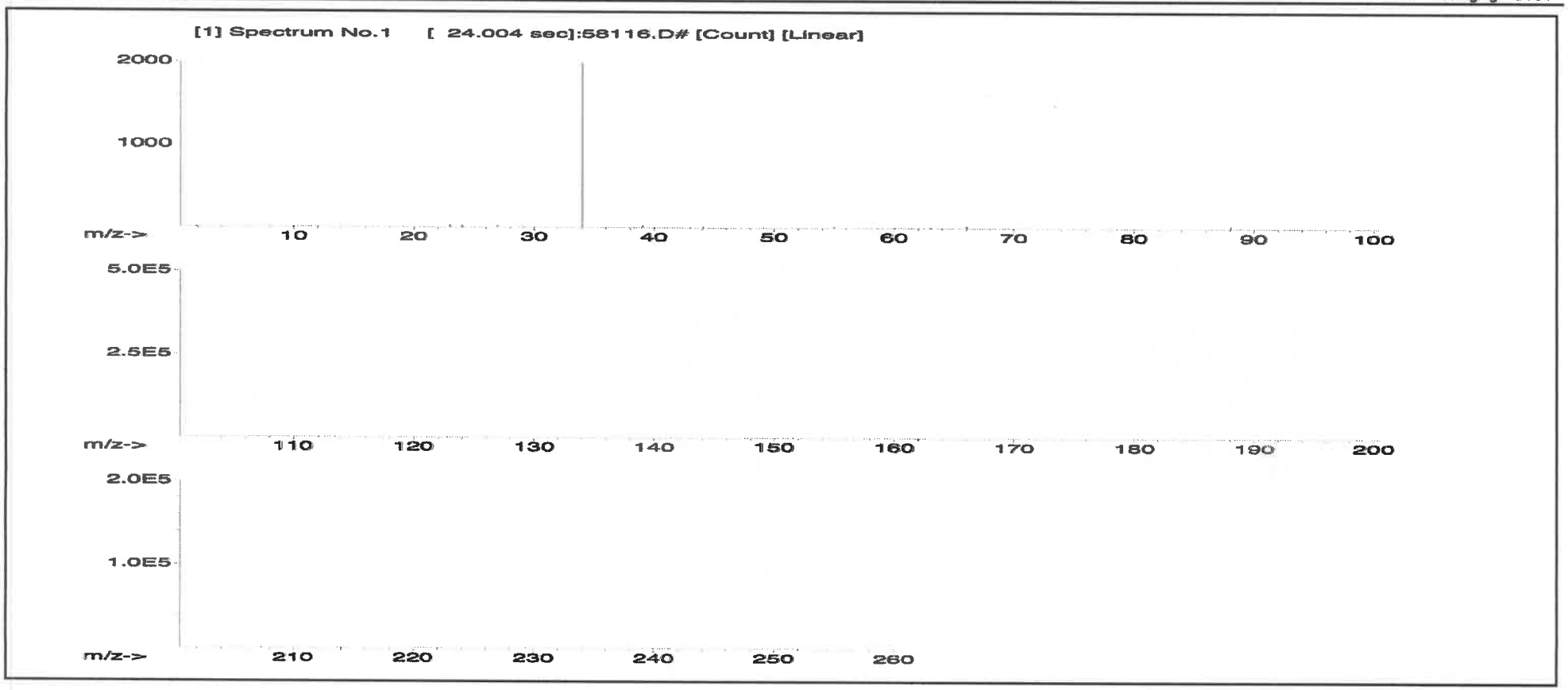
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

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	orl-rat 4250mg/kg	3181



1082

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.
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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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1083

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

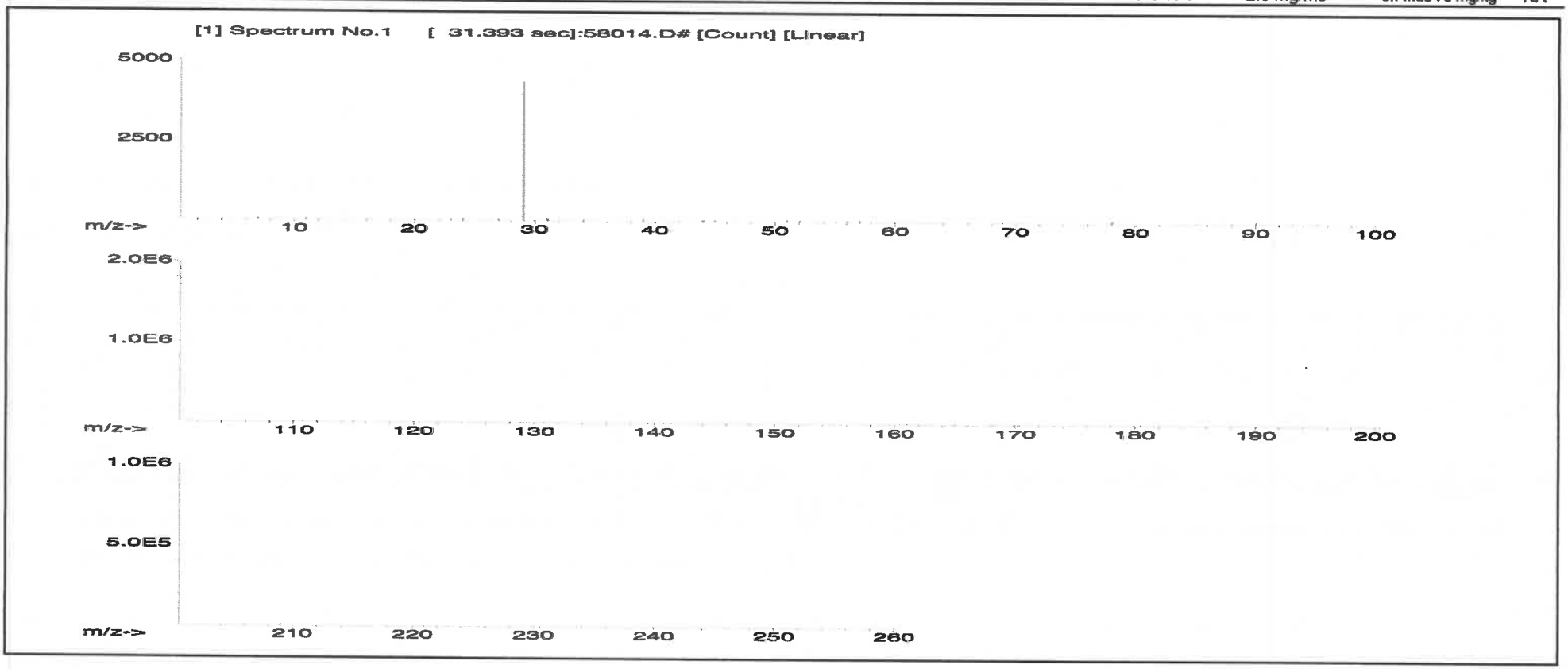
Aleah O'Brady

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



1084

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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1085

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

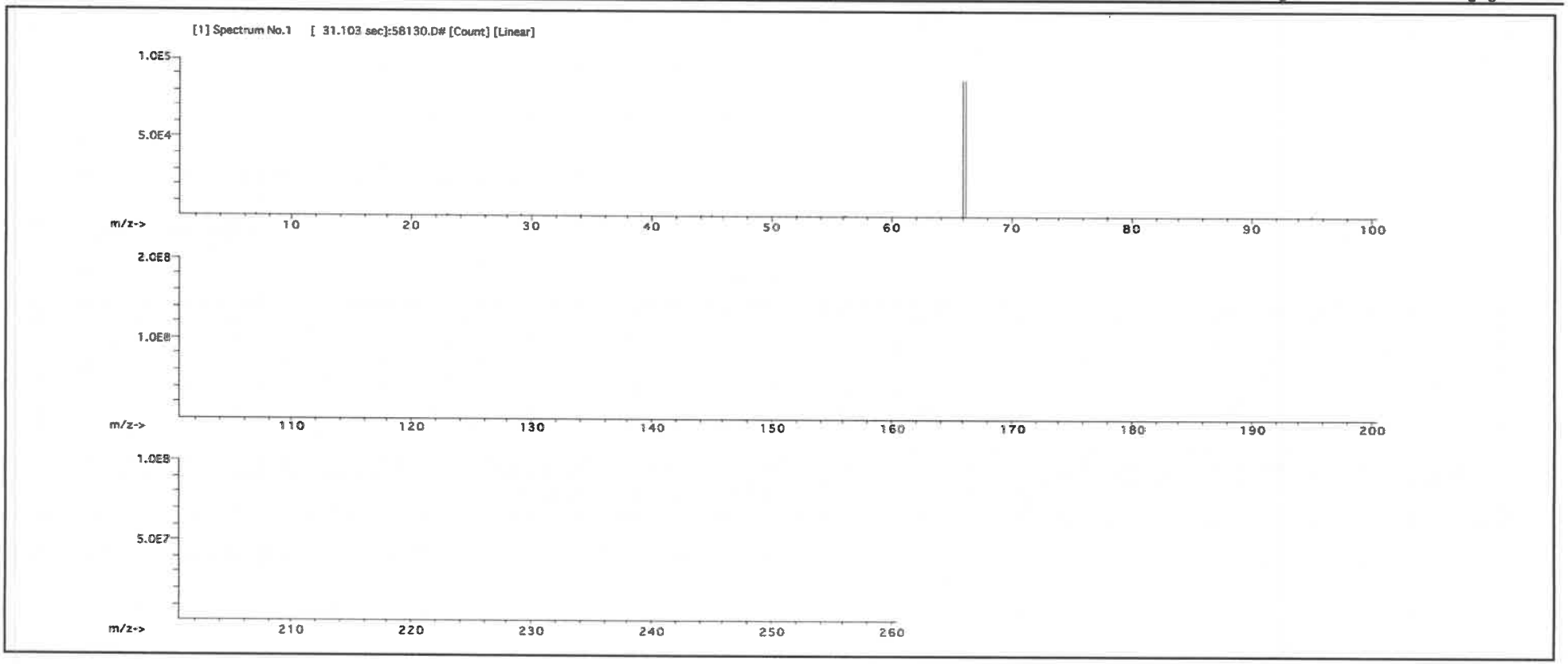
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		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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* 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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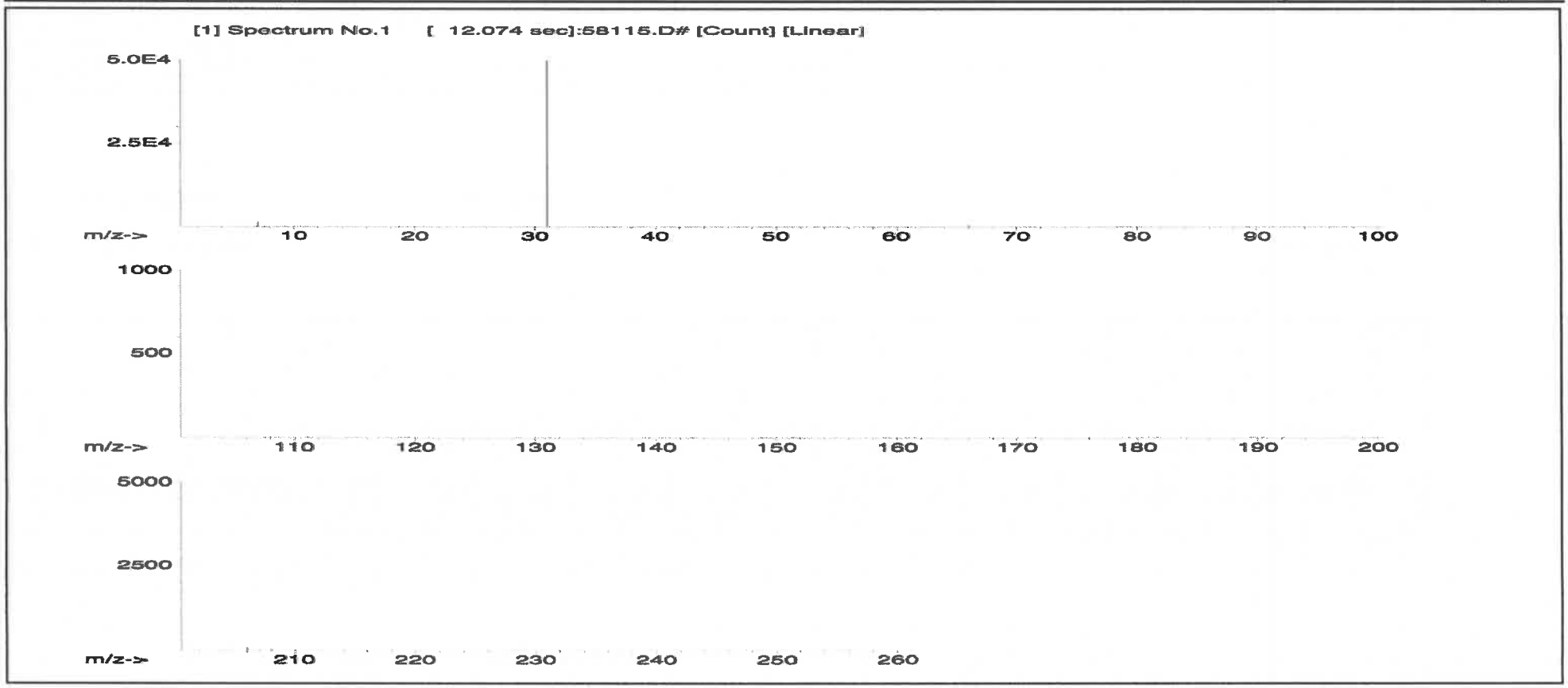
1087

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	rl-rat >2000mg/k	3186



1088

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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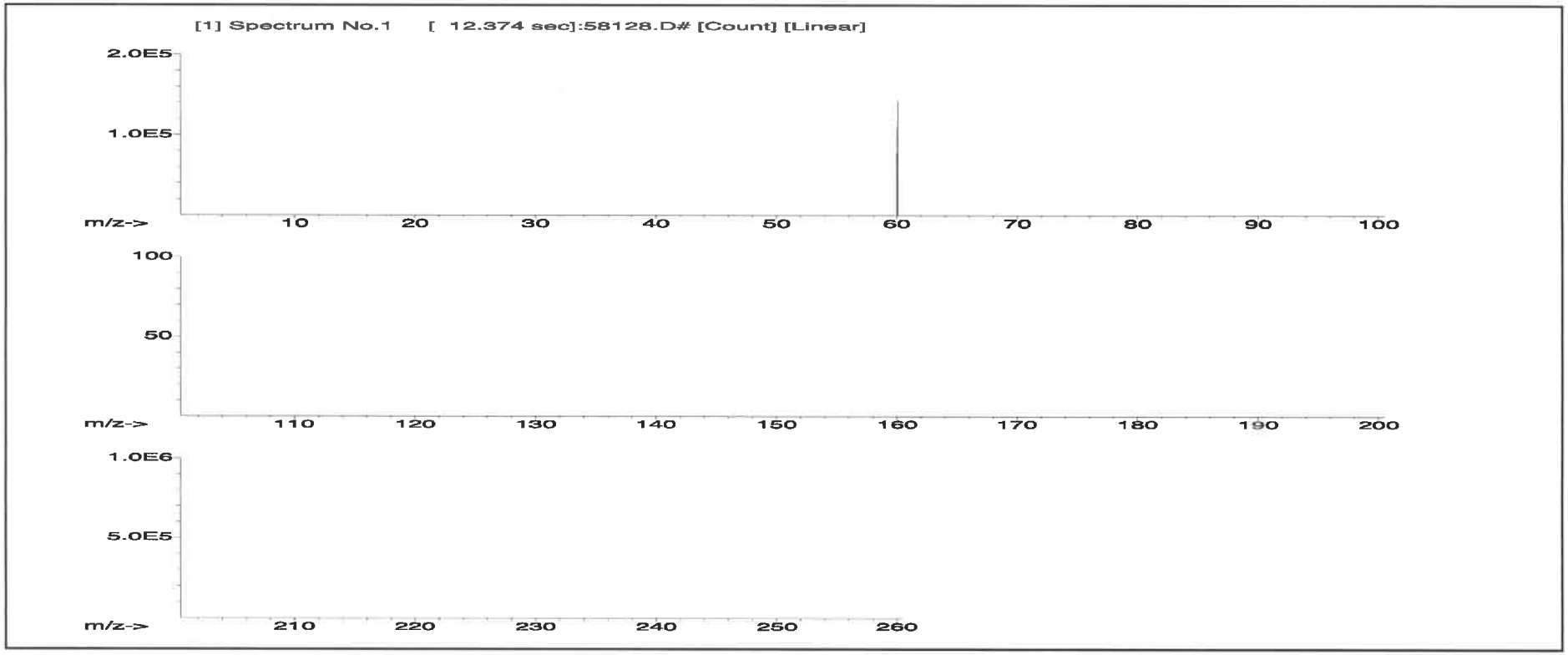
1089

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



1090

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.

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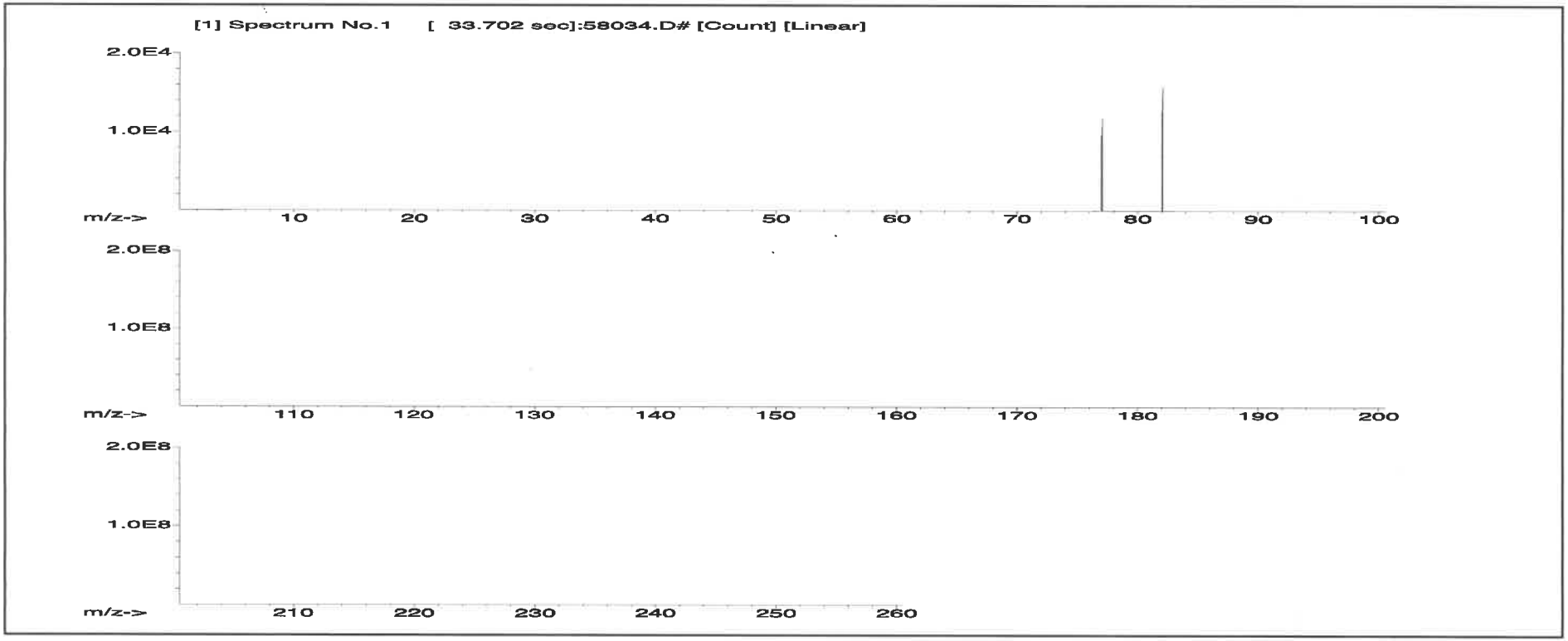
1091

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



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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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



1097

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) 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:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

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)

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

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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	

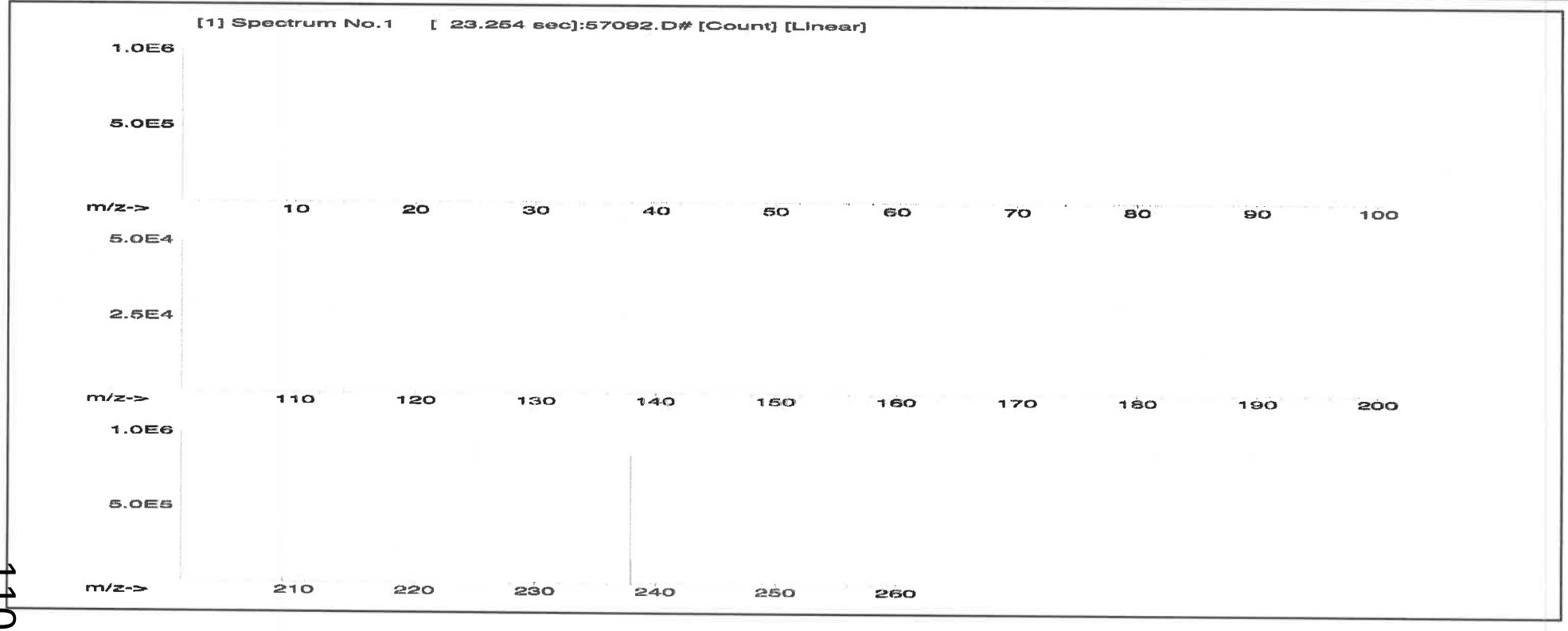
Giovanni Esposito

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



1101

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).

11102

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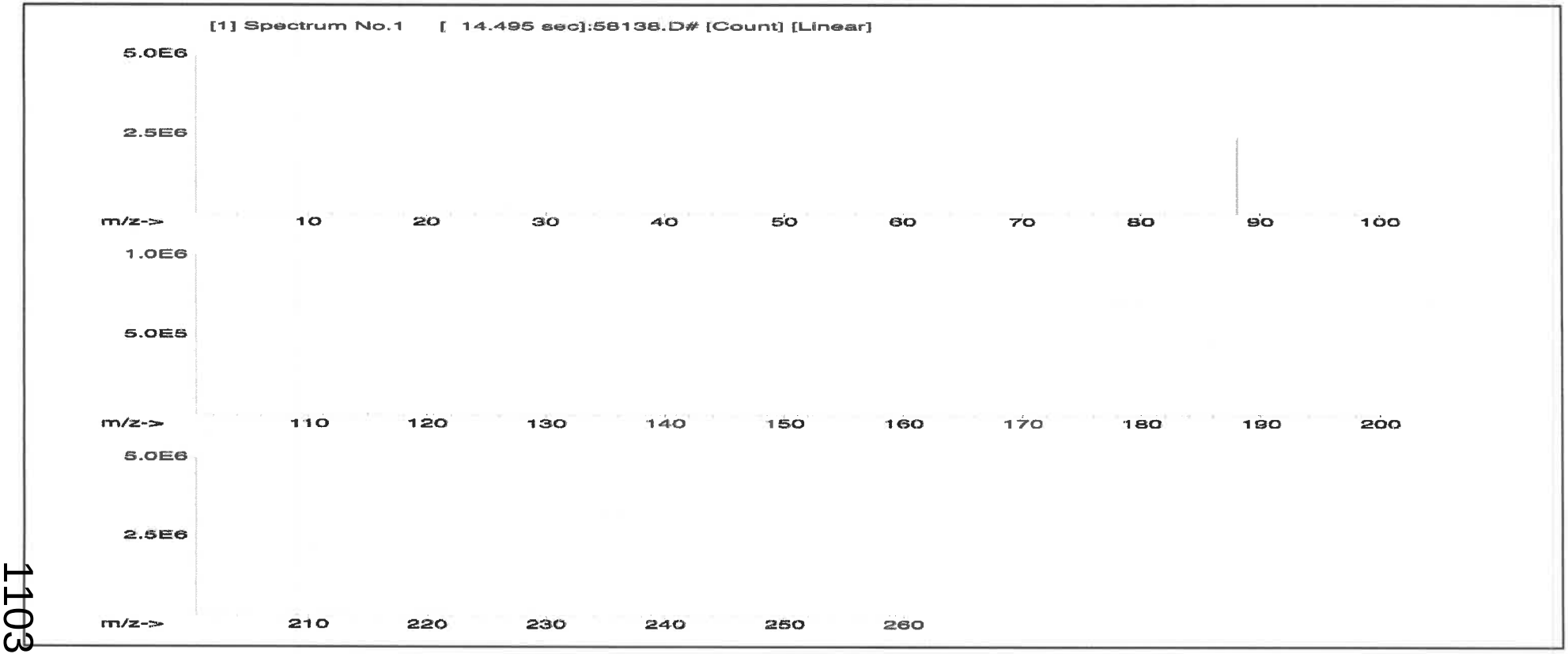
45982 R: 6/11/24

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



1103

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.
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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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Certified Reference Material CRM

M5983 R: 6/11/24

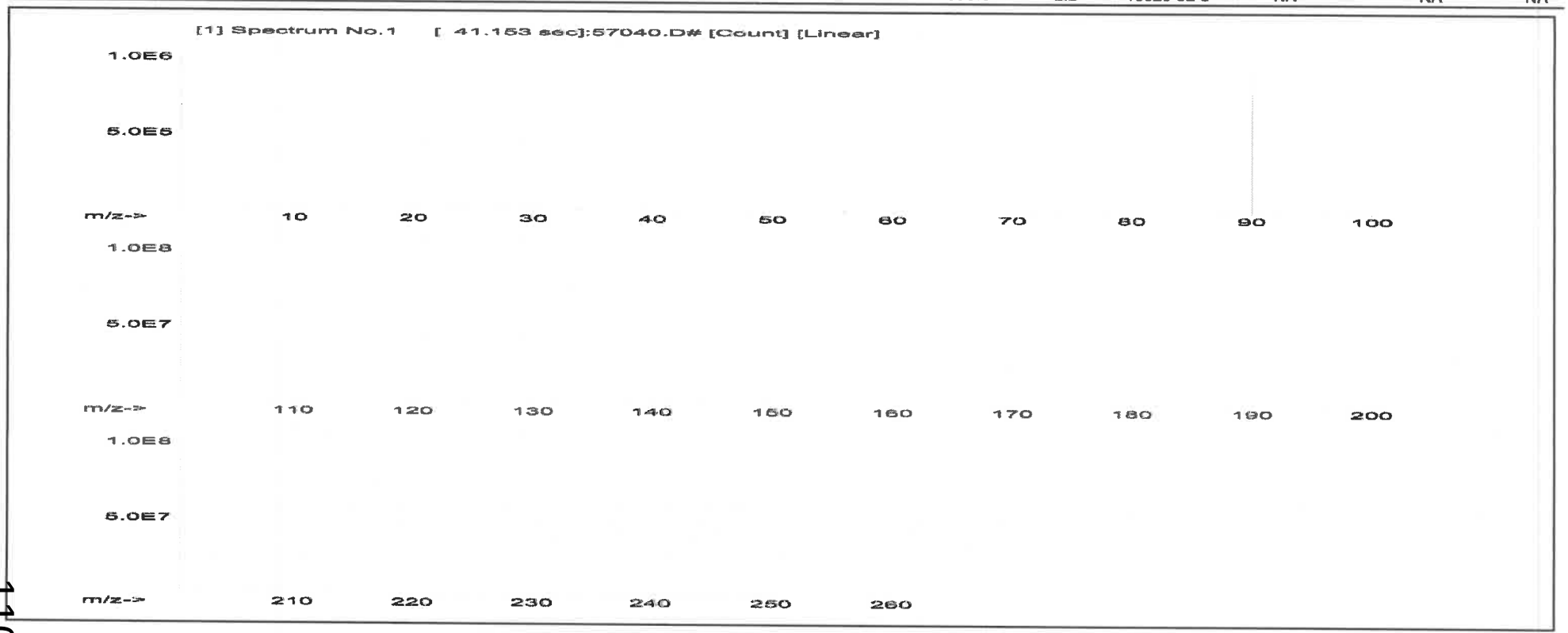
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CERTIFIED WEIGHT REPORT:

		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



1105

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:

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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* 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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R: 2/22/2024
M5999

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:

1107

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



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Certified Reference Material CRM

R: 01/03/24 M6033

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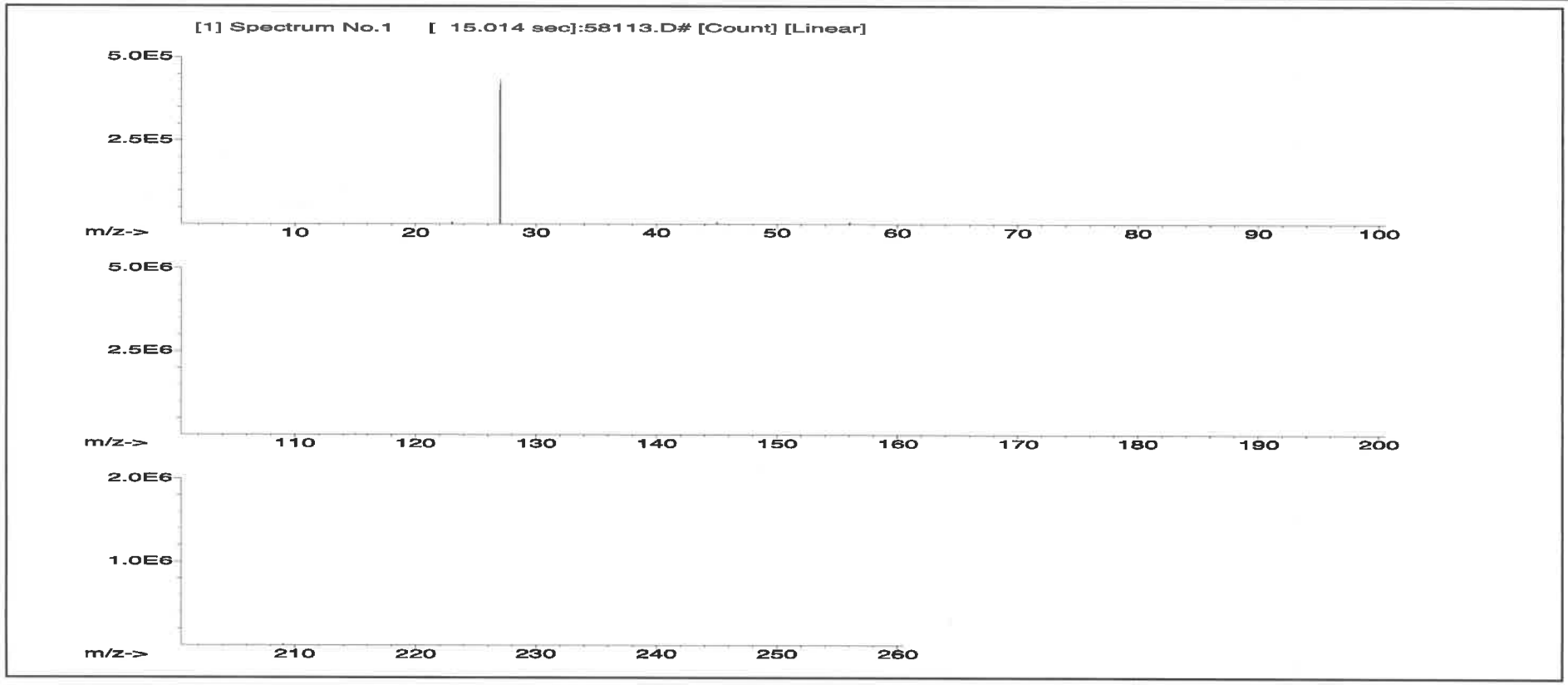
CERTIFIED WEIGHT REPORT:

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		

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 8/19/24, M60055

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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:	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®

R → 10/13/24
Met dig

M 6121

Material No.: 9530-33
Batch No.: 0000275677
Manufactured Date: 2020/12/16
Retest Date: 2025/12/15
Revision No: 1

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
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
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	< 0.2
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	29.7
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

1116

Material No.: 9530-33
Batch No.: 0000275677

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	<1
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.1
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	< 10.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.3
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

1117

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

R -> 11/12/24

M6126

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.7 %
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	2.3 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	100 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.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

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

1120

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 ± 0.06 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

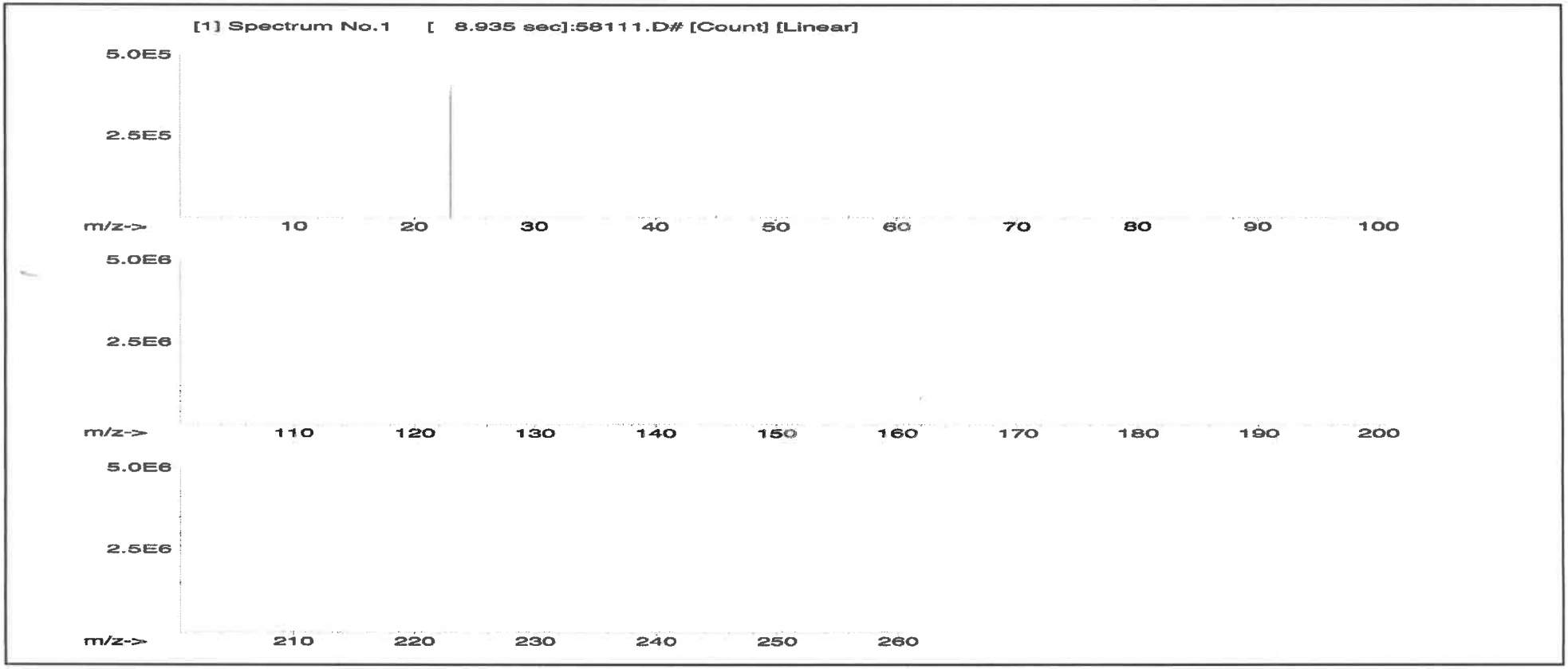
5E-05 Balance Uncertainty

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



11121

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:

1122

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
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(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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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.

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R: 01/03/24 M5802, M5803

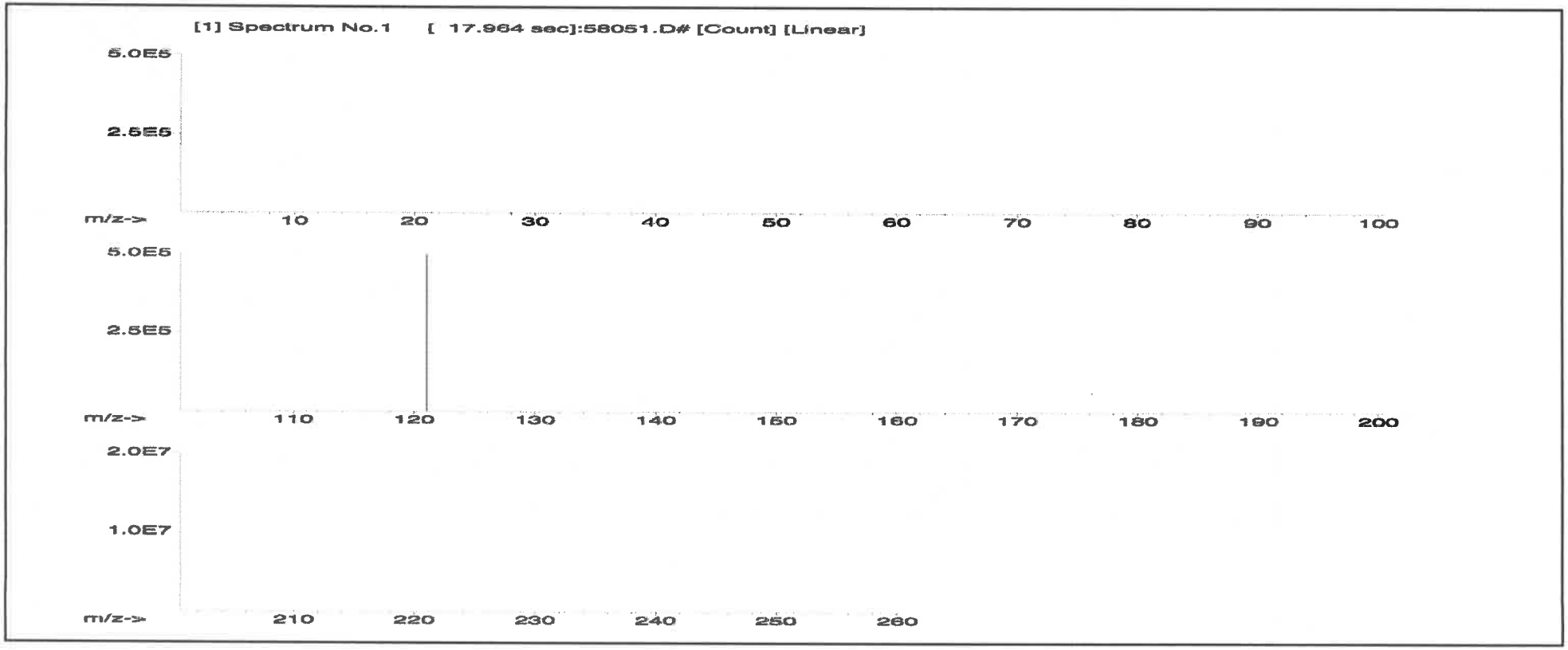
1130

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



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).

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M6030

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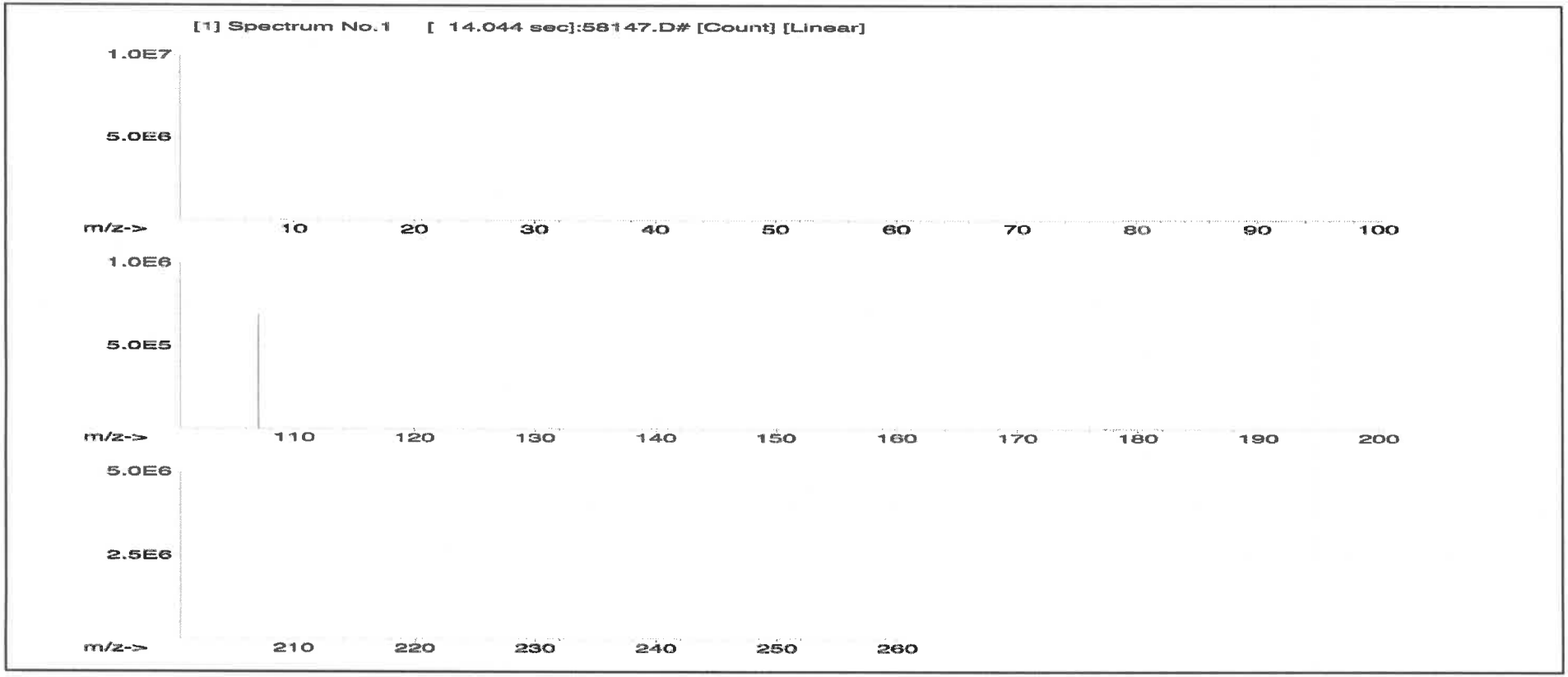
1132

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



1133

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:

* 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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R: 03/16/23 M5473, M5474, M5475, M5476

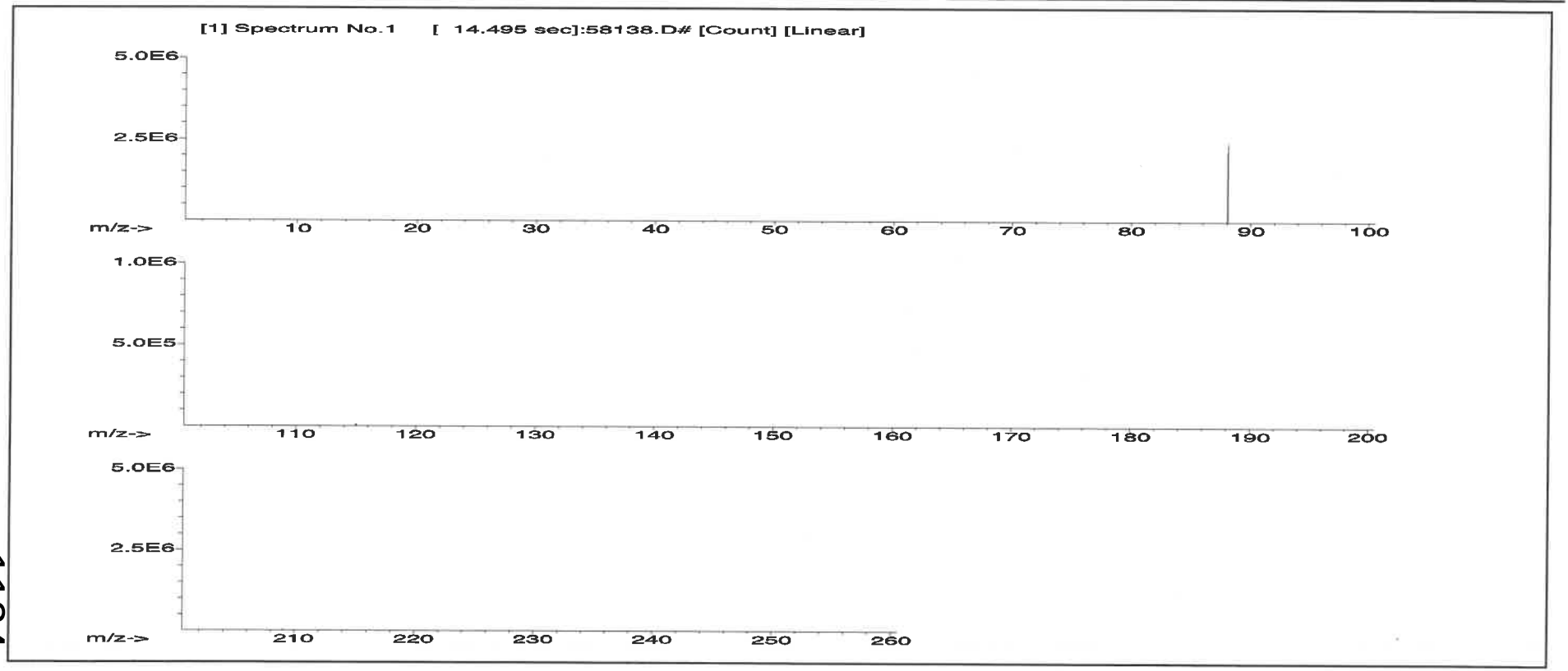
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CERTIFIED WEIGHT REPORT:

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



1134

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.
* All standard containers are meticulously cleaned prior to use.
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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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1136

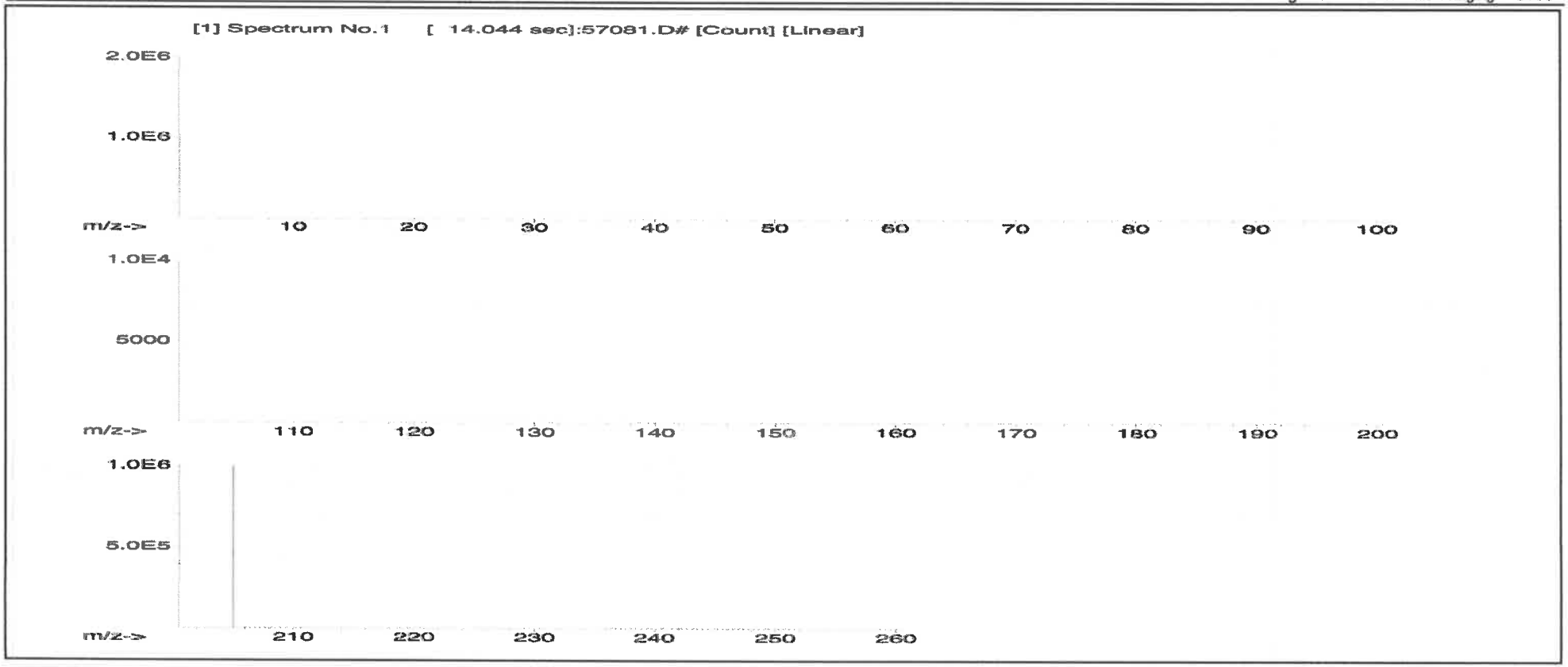
CERTIFIED WEIGHT REPORT:

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



1137

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:

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

M6021

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Rc. 8/5/24

1138

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	

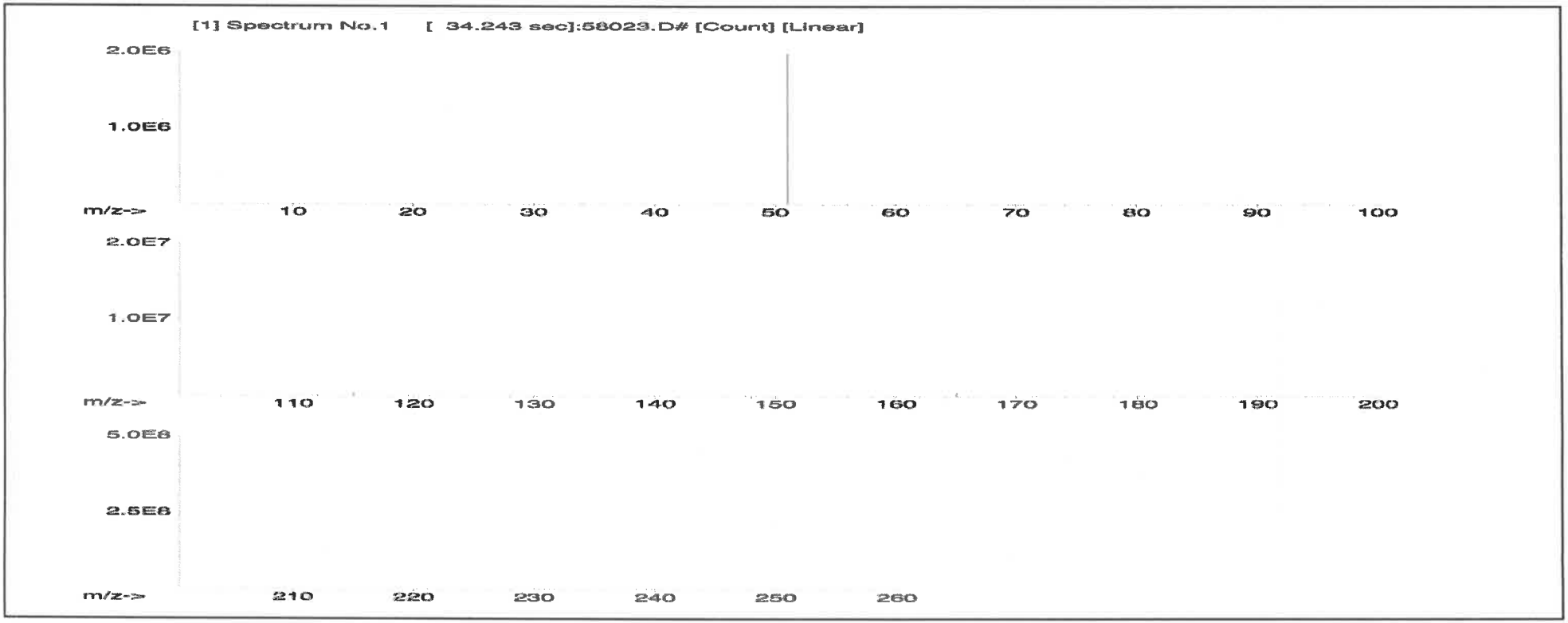
Aleah O'Brady

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



1139

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:



* 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).

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB165674

SOP ID : M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

SDG No : MYCPM3

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 12/16/2024 **Time :** 15:20 **Temp :** 96 °C

End Digest Date: 12/16/2024 **Time :** 17:25 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SKD,

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	0.50	MP83670
Spike Sol. B	0.50	MP83671
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	1.00	MP83498
1:1 HCL	0.50	MP83499
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
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#55 : 96

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/16/24 18:25	SKD. met digestion	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB165674

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
P5187-01	MYCPM3	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	1
P5187-02	MYCPM7	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	2
P5187-03	MYCPN6	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	3
P5187-04	MYD034	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	4
P5187-05	MYD037	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	5
PB165674BL	PBW674	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	6
PB165674BS	LCS674	<2	50	50	Colorless	Colorless	Clear	Clear	MP83670	7

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 # LB134025

Review By	Sarabjit Jaswal	Review On	12/20/2024 11:39:39 PM
Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE003	TUNE	12/19/24 14:30		Jaswal	OK
2	S00	S0	CAL1	12/19/24 15:04		Jaswal	OK
3	S02	S02	CAL3	12/19/24 15:10		Jaswal	OK
4	S03	S03	CAL4	12/19/24 15:14		Jaswal	OK
5	S04	S04	CAL5	12/19/24 15:17		Jaswal	OK
6	S05	S05	CAL6	12/19/24 15:19		Jaswal	OK
7	S06	S06	CAL7	12/19/24 15:22		Jaswal	OK
8	S07	S07	CAL8	12/19/24 15:25		Jaswal	OK
9	S08	S08	CAL9	12/19/24 15:28		Jaswal	OK
10	ICV003	ICV003	ICV	12/19/24 15:49	Inst. paused for calibration review	Jaswal	OK
11	ICB003	ICB003	ICB	12/19/24 16:07	Inst. paused for review	Jaswal	OK
12	ICSA003	ICSA003	ICSA	12/19/24 16:10		Jaswal	OK
13	ICSAB003	ICSAB003	ICSAB	12/19/24 16:13		Jaswal	OK
14	CCV021	CCV021	CCV	12/19/24 16:16		Jaswal	OK
15	CCB021	CCB021	CCB	12/19/24 16:19		Jaswal	OK
16	PB165717BL	PBS717	MB	12/19/24 16:26	Not Use	Jaswal	Not Ok
17	PB165717BS	LCS717	LCS	12/19/24 16:35	Not Use	Jaswal	Not Ok
18	P5117-01DL	TAPIAL3-SB04I-10-12	SAM	12/19/24 16:39	Not Use	Jaswal	Not Ok

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

19	P5117-01DUPDL	TAPIAL3-SB04I-10-12	DUP	12/19/24 16:43	Not Use	Jaswal	Not Ok
20	P5117-01LDL	TAPIAL3-SB04I-10-12	SD	12/19/24 16:46	Not Use	Jaswal	Not Ok
21	P5117-01MSDL	TAPIAL3-SB04I-10-12	MS	12/19/24 16:49	Not Use	Jaswal	Not Ok
22	P5117-01MSDDL	TAPIAL3-SB04I-10-12	MSD	12/19/24 16:52	Not Use	Jaswal	Not Ok
23	P5117-01ADL	TAPIAL3-SB04I-10-12	PS	12/19/24 16:55	Not Use	Jaswal	Not Ok
24	CCV022	CCV022	CCV	12/19/24 17:01		Jaswal	OK
25	CCB022	CCB022	CCB	12/19/24 17:03		Jaswal	OK
26	P5213-01DL	TAPIAL3-SB03I-15-12	SAM	12/19/24 17:07	Not Use	Jaswal	Not Ok
27	P5236-01DL	TAPIAL3-SB03D-3-12	SAM	12/19/24 17:11	Not Use	Jaswal	Not Ok
28	P5076-01DL	TAPIAL2-SB02I-7.5-1	SAM	12/19/24 17:14	Not Use	Jaswal	Not Ok
29	CCV023	CCV023	CCV	12/19/24 17:20		Jaswal	OK
30	CCB023	CCB023	CCB	12/19/24 17:23		Jaswal	OK
31	PB165617BL	PBS617	MB	12/19/24 17:40		Jaswal	OK
32	PB165617BS	LCS617	LCS	12/19/24 18:02		Jaswal	OK
33	PB165617BSD	LCSD617	LCSD	12/19/24 18:06		Jaswal	OK
34	PB165633BL	PBS633	MB	12/19/24 18:09		Jaswal	OK
35	PB165633BS	LCS633	LCS	12/19/24 18:12		Jaswal	OK
36	PB165633BSD	LCSD633	LCSD	12/19/24 18:16		Jaswal	OK
37	PB165655BL	PBS655	MB	12/19/24 18:19		Jaswal	OK
38	PB165655BS	LCS655	LCS	12/19/24 18:22		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134025

Review By	Sarabjit Jaswal	Review On	12/20/2024 11:39:39 PM
Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

39	PB165655BSD	LCSD655	LCSD	12/19/24 18:25		Jaswal	OK
40	P5177-20	MYD021	SAM	12/19/24 18:29	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
41	P5177-21	MYD021D	DUP	12/19/24 18:32	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
42	P5177-20L	MYD021L	SD	12/19/24 18:35	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
43	P5177-22	MYD021S	MS	12/19/24 18:38	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
44	P5177-20MS	MYD021SRE	MS	12/19/24 18:41	Ba,Co,Ni,V High	Jaswal	Dilution
45	P5177-20DL	MYD021	SAM	12/19/24 18:53	4X for Ba,Co,Ni,V	Jaswal	Confirms
46	P5177-21DL	MYD021D	DUP	12/19/24 18:56	4X for Ba,Co,Ni,V	Jaswal	Confirms
47	CCV024	CCV024	CCV	12/19/24 18:59		Jaswal	OK
48	CCB024	CCB024	CCB	12/19/24 19:02		Jaswal	OK
49	P5177-20LDL	MYD021L	SD	12/19/24 19:05	20X for Ba,Co,Ni,V	Jaswal	Confirms
50	P5177-22DL	MYD021S	MS	12/19/24 19:08	4X for Ba,Co,Ni,V	Jaswal	Confirms
51	P5177-20MSDL	MYD021SRE	MS	12/19/24 19:11	4X for Ba,Co,Ni,V	Jaswal	Confirms
52	P5182-01	MYCYZ9	SAM	12/19/24 19:14		Jaswal	OK
53	P5182-02	MYCZ00	SAM	12/19/24 19:18		Jaswal	OK
54	P5182-03	MYCZ01	SAM	12/19/24 19:21		Jaswal	OK
55	P5182-04	MYCZ02	SAM	12/19/24 19:24		Jaswal	OK
56	P5182-05	MYCZ03	SAM	12/19/24 19:27		Jaswal	OK
57	P5182-06	MYCZ04	SAM	12/19/24 19:30		Jaswal	OK
58	P5182-07	MYCZ05	SAM	12/19/24 19:33		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134025

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Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

STD. NAME	STD REF.#
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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

59	P5182-08	MYCZ06	SAM	12/19/24 19:36		Jaswal	OK
60	P5182-09	MYCZ07	SAM	12/19/24 19:39		Jaswal	OK
61	P5182-10	MYCZ08	SAM	12/19/24 19:42		Jaswal	OK
62	P5182-11	MYCZ09	SAM	12/19/24 19:46		Jaswal	OK
63	P5182-12	MYCZ10	SAM	12/19/24 19:49		Jaswal	OK
64	P5182-13	MYCZ11	SAM	12/19/24 19:52		Jaswal	OK
65	P5182-14	MYCZ12	SAM	12/19/24 19:55		Jaswal	OK
66	P5182-15	MYCZ13	SAM	12/19/24 19:58		Jaswal	OK
67	P5182-16	MYCZ14	SAM	12/19/24 20:01		Jaswal	OK
68	P5182-17	MYCZ15	SAM	12/19/24 20:04		Jaswal	OK
69	P5182-18	MYCZ16	SAM	12/19/24 20:07		Jaswal	OK
70	P5182-19	MYCZ17	SAM	12/19/24 20:10		Jaswal	OK
71	P5182-20	MYCZ18	SAM	12/19/24 20:14	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
72	P5182-21	MYCZ18D	DUP	12/19/24 20:17	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
73	P5182-20L	MYCZ18L	SD	12/19/24 20:20	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
74	P5182-22	MYCZ18S	MS	12/19/24 20:23	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
75	P5182-20MS	MYCZ18SRE	MS	12/19/24 20:26	Ba,Co,Ni,V High , MS Fail For Ag(Below RL)	Jaswal	Dilution
76	P5183-01	MYCZB9	SAM	12/19/24 20:29		Jaswal	OK
77	P5183-02	MYCZC0	SAM	12/19/24 20:32		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134025

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Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

78	P5183-03	MYCZC1	SAM	12/19/24 20:35		Jaswal	OK
79	P5183-04	MYCZC2	SAM	12/19/24 20:38		Jaswal	OK
80	P5183-05	MYCZC3	SAM	12/19/24 20:41		Jaswal	OK
81	CCV025	CCV025	CCV	12/19/24 20:44		Jaswal	OK
82	CCB025	CCB025	CCB	12/19/24 20:52	Inst. paused for review	Jaswal	OK
83	P5183-06	MYCZC4	SAM	12/19/24 20:56		Jaswal	OK
84	P5183-07	MYCZC5	SAM	12/19/24 20:59		Jaswal	OK
85	P5183-08	MYCZC6	SAM	12/19/24 21:02		Jaswal	OK
86	P5183-09	MYCZC7	SAM	12/19/24 21:05		Jaswal	OK
87	P5183-10	MYCZC8	SAM	12/19/24 21:08		Jaswal	OK
88	P5183-11	MYCZC9	SAM	12/19/24 21:11		Jaswal	OK
89	P5183-12	MYCZD0	SAM	12/19/24 21:14		Jaswal	OK
90	P5183-13	MYCZD1	SAM	12/19/24 21:17		Jaswal	OK
91	P5183-14	MYCZD2	SAM	12/19/24 21:20		Jaswal	OK
92	P5183-15	MYCZD3	SAM	12/19/24 21:23		Jaswal	OK
93	P5183-16	MYCZD4	SAM	12/19/24 21:26		Jaswal	OK
94	P5183-17	MYCZD5	SAM	12/19/24 21:29		Jaswal	OK
95	P5183-18	MYCZD6	SAM	12/19/24 21:32		Jaswal	OK
96	P5183-19	MYCZD7	SAM	12/19/24 21:35		Jaswal	OK
97	P5183-20	MYCZD8	SAM	12/19/24 21:39	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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 # LB134025

Review By	Sarabjit Jaswal	Review On	12/20/2024 11:39:39 PM
Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

98	P5183-21	MYCZD8D	DUP	12/19/24 21:42	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
99	P5183-20L	MYCZD8L	SD	12/19/24 21:45	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
100	P5183-22RE	MYCZD8S	MS	12/19/24 21:48	Not Use	Jaswal	Not Ok
101	P5183-20MSRE	MYCZD8SRE	MS	12/19/24 21:51	Not Use	Jaswal	Not Ok
102	P5185-01	MYCZF9	SAM	12/19/24 21:54		Jaswal	OK
103	P5185-02	MYCZG0	SAM	12/19/24 21:57		Jaswal	OK
104	P5185-20	MYCZN8	SAM	12/19/24 22:00	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
105	P5185-21	MYCZN8D	DUP	12/19/24 22:03	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
106	P5185-20L	MYCZN8L	SD	12/19/24 22:06	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
107	P5185-22	MYCZN8S	MS	12/19/24 22:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
108	P5185-20MS	MYCZN8SRE	MS	12/19/24 22:12	Ba,Co,Ni,V High	Jaswal	Dilution
109	CCV026	CCV026	CCV	12/19/24 22:21		Jaswal	OK
110	CCB026	CCB026	CCB	12/19/24 22:24		Jaswal	OK
111	P5185-08	MYCZG6	SAM	12/19/24 22:27		Jaswal	OK
112	P5185-09	MYCZG7	SAM	12/19/24 22:30		Jaswal	OK
113	P5185-10	MYCZG8	SAM	12/19/24 22:34		Jaswal	OK
114	P5185-11	MYCZM9	SAM	12/19/24 22:37		Jaswal	OK
115	P5185-12	MYCZN0	SAM	12/19/24 22:40		Jaswal	OK
116	P5185-13	MYCZN1	SAM	12/19/24 22:43		Jaswal	OK
117	P5185-14	MYCZN2	SAM	12/19/24 22:46		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

118	P5185-15	MYCZN3	SAM	12/19/24 22:49		Jaswal	OK
119	P5185-16	MYCZN4	SAM	12/19/24 22:52		Jaswal	OK
120	P5185-17	MYCZN5	SAM	12/19/24 22:56		Jaswal	OK
121	P5185-18	MYCZN6	SAM	12/19/24 22:59		Jaswal	OK
122	P5185-19	MYCZN7	SAM	12/19/24 23:02		Jaswal	OK
123	P5185-03	MYCZG1	SAM	12/19/24 23:05		Jaswal	OK
124	P5185-04	MYCZG2	SAM	12/19/24 23:08		Jaswal	OK
125	P5185-05	MYCZG3	SAM	12/19/24 23:11		Jaswal	OK
126	P5185-06	MYCZG4	SAM	12/19/24 23:14		Jaswal	OK
127	P5185-07	MYCZG5	SAM	12/19/24 23:17		Jaswal	OK
128	P5182-20DL	MYCZ18	SAM	12/19/24 23:20	4X For Ba,Co,Ni,V	Jaswal	Confirms
129	P5182-21DL	MYCZ18D	DUP	12/19/24 23:24	4X For Ba,Co,Ni,V	Jaswal	Confirms
130	P5182-20LDL	MYCZ18L	SD	12/19/24 23:27	20X For Ba,Co,Ni,V	Jaswal	Confirms
131	P5182-22DL	MYCZ18S	MS	12/19/24 23:30	4X For Ba,Co,Ni,V	Jaswal	Confirms
132	P5182-20MSDL	MYCZ18SRE	MS	12/19/24 23:33	4X For Ba,Co,Ni,V	Jaswal	Confirms
133	P5183-20DL	MYCZD8	SAM	12/19/24 23:36	4X For Ba,Co,Ni,V	Jaswal	Confirms
134	P5183-21DL	MYCZD8D	DUP	12/19/24 23:39	4X For Ba,Co,Ni,V	Jaswal	Confirms
135	P5183-20LDL	MYCZD8L	SD	12/19/24 23:42	20X For Ba,Co,Ni,V	Jaswal	Confirms
136	P5183-22RE2	MYCZD8S	MS	12/19/24 23:46	Not Use	Jaswal	Not Ok
137	CCV027	CCV027	CCV	12/19/24 23:49		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134025

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Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

138	CCB027	CCB027	CCB	12/19/24 23:51		Jaswal	OK
139	P5183-20MSRE2	MYCZD8SRE	MS	12/19/24 23:55	Not Uuse	Jaswal	Not Ok
140	P5185-20DL	MYCZN8	SAM	12/19/24 23:57	4X For Ba,Co,Ni,V	Jaswal	Confirms
141	P5185-21DL	MYCZN8D	DUP	12/20/24 00:01	4X For Ba,Co,Ni,V	Jaswal	Confirms
142	P5185-20LDL	MYCZN8L	SD	12/20/24 00:04	20X For Ba,Co,Ni,V	Jaswal	Confirms
143	P5185-22DL	MYCZN8S	MS	12/20/24 00:07	4X For Ba,Co,Ni,V	Jaswal	Confirms
144	P5185-20MSDL	MYCZN8SRE	MS	12/20/24 00:10	4X For Ba,Co,Ni,V	Jaswal	Confirms
145	P5154-16A	ME28Q4A	PS	12/20/24 00:13	Not Use - PS For Cu-0.0032ml m5697-10ml sample	Jaswal	Not Ok
146	P5172-20A	MYCZ38ARE	PS	12/20/24 00:16	PS For Pb-0.0046ml M6025,Ag- 0.02ml MP83713,Co-0.0096ml MP83711,Ni - 0.015ml MP83712, V-0.0024ml M6021 - 10ml Sample	Jaswal	OK
147	P5173-20A	MYCZ58ARE	PS	12/20/24 00:19	PS For Ag - 0.02ml mp83713-10ml sample	Jaswal	OK
148	P5184-20A	MYCZF8ARE	PS	12/20/24 00:22	Not Use-P5184 - PS For Sb-0.04ml mp83714,Be - be - 0.02-MP83715, Se - 0.001ml mp83726, Tl - 0.02ml mp83716 , Ag - 0.022ml mp83713	Jaswal	Not Ok
149	P5186-20A	MYCZQ8ARE	PS	12/20/24 00:25	PS For Ag-0.02ml mp83713, Ni-0.019ml mp83712,V - 0.0050ml m6021 -10ml sample	Jaswal	OK
150	PB165674BL	PBW674	MB	12/20/24 00:29		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB134025

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Supervise By	Mohan Bera	Supervise On	12/20/2024 11:40:38 PM

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

151	PB165674BS	LCS674	LCS	12/20/24 00:32		Jaswal	OK
152	P5187-01	MYCPM3	SAM	12/20/24 00:35		Jaswal	OK
153	P5187-02	MYCPM7	SAM	12/20/24 00:38		Jaswal	OK
154	P5187-03	MYCPN6	SAM	12/20/24 00:42		Jaswal	OK
155	P5187-04	MYD034	SAM	12/20/24 00:45		Jaswal	OK
156	P5187-05	MYD037	SAM	12/20/24 00:48		Jaswal	OK
157	CCV028	CCV028	CCV	12/20/24 00:52		Jaswal	OK
158	CCB028	CCB028	CCB	12/20/24 00:54		Jaswal	OK
159	P5183-22	MYCZD8S	MS	12/20/24 01:03	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
160	P5183-20MS	MYCZD8SRE	MS	12/20/24 01:06	Ba,Co,Ni,V High , MS Fail For Ag(1.02PPB)	Jaswal	Dilution
161	P5183-22DL	MYCZD8S	MS	12/20/24 01:09	4X For Ba,Co,Ni,V	Jaswal	Confirms
162	P5183-20MSDL	MYCZD8SRE	MS	12/20/24 01:12	4X For Ba,Co,Ni,V	Jaswal	Confirms
163	CCV029	CCV029	CCV	12/20/24 01:15		Jaswal	OK
164	CCB029	CCB029	CCB	12/20/24 01:18		Jaswal	OK

ORIGIN ID:MSCA (480) 477-4900
CAROLINA GUIJARRO
WESTON SOLUTIONS
105 SOUTH ALARCO STREET
APARTMENT #6
PRESCOTT, AZ 85284
UNITED STATES US

SHIP DATE: 05DEC24
ACTWGT: 50.00 LB
CAD: 110555859/INET4760
DIMS: 17x11x15 IN

BILL SENDER

TO **SOHIL JODHANI**
ALLIANCE TECHNICAL GROUP LLC
284 SHEFFIELD ST

MOUNTAINSIDE NJ 07092
(908) 728-3152
INV:
REF: 83150.1.043.09MX.A.K0P551.0700
PO: 83150.1.043.09MX.A.K0P551.0700
DEPT:

58CJ4/EB78/C6C4

FedEx Express

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FedEx
TRK# 0201 7704 9161 8786

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PRIORITY OVERNIGHT

E2 KBCA

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1010

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NJ-US
EWR

5851882 05Dec2024 LDJA 581G4/EB78/5FE5

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Login Summary Report

Order ID :	P5187	Order Date :	12/6/2024 10:10:00 AM	Project Mgr :	Deepak
Client :	USEPA CLP SMO	Project :	51779	Report Type :	USEPA CLP
Contact :	Anita Kapadia	Receive Date :	12/6/2024 10:10:00 AM	EDD Type :	EPA CLP
Date Sign Off :	12/9/2024 9:10:04 AM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P5187-01	MYCPM3	Water	08/02/2024		RB				
				Metals CLP MS		SFAM_MS	15	12/27/2024	12/27/2024
P5187-02	MYCPM7	Water	08/03/2024		RB				
				Metals CLP MS		SFAM_MS	15	12/27/2024	12/27/2024
P5187-03	MYCPN6	Water	08/05/2024		RB				
				Metals CLP MS		SFAM_MS	15	12/27/2024	12/27/2024
P5187-04	MYD034	Water	09/16/2024		RB				
				Metals CLP MS		SFAM_MS	15	12/27/2024	12/27/2024
P5187-05	MYD037	Water	09/19/2024		RB				
				Metals CLP MS		SFAM_MS	15	12/27/2024	12/27/2024

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB165674 **WorkList ID :** 186376 **Department :** Digestion **Date :** 12-16-2024 14:19:39

11153

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5187-01	MYCPM3	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C32	08/02/2024	SFAM_MS
P5187-02	MYCPM7	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C32	08/03/2024	SFAM_MS
P5187-03	MYCPN6	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C32	08/05/2024	SFAM_MS
P5187-04	MYD034	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C32	09/16/2024	SFAM_MS
P5187-05	MYD037	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C32	09/19/2024	SFAM_MS

Date/Time 12/16/24 14:50

Raw Sample Received by: SLRS. met. Digestion

Raw Sample Relinquished by: CP CSM

Date/Time 12/16/24 15:50

Raw Sample Received by: CP CSM

Raw Sample Relinquished by: SLRS met digestion